

APPENDIX E.6

WASTE ROCK GEOCHEMISTRY  
ANALYTICAL SAMPLING RESULTS

Table E.6.1: Deposit No.1 Waste Rock - Geochemistry Summary Statistics Analytical Sampling Results - 2021

| PAG    | FIZZ RATING | NP                           | MPA                        | NNP                          | Ratio<br>(NP:MNP) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH |
|--------|-------------|------------------------------|----------------------------|------------------------------|-------------------|--------------------|--------------------|----------|
|        |             | t CaCO <sub>3</sub> /1,000 t | t CaCO <sub>3</sub> /1000t | t CaCO <sub>3</sub> /1,000 t |                   |                    |                    |          |
| COUNT  | 192         | 192                          | 192                        | 192                          | 192               | 114                | 347                | 330      |
| MIN    | 1           | -3.00                        | 6.30                       | -83.00                       | -0.380            | 0.010              | 0.003              | 4.7      |
| MAX    | 1           | 26.00                        | 100.60                     | 19.00                        | 4.000             | 1.530              | 3.220              | 9.8      |
| MEAN   | 1           | 13.00                        | 10.60                      | 1.00                         | 1.105             | 0.080              | 0.257              | 8.2      |
| Non-AG | FIZZ RATING | NP                           | MPA                        | NNP                          | Ratio<br>(NP:MNP) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH |
|        |             | t CaCO <sub>3</sub> /1,000 t | t CaCO <sub>3</sub> /1000t | t CaCO <sub>3</sub> /1,000 t |                   |                    |                    |          |
| COUNT  | 20          | 20                           | 20                         | 20                           | 20                | 1,755              | 3,841              | 3,820    |
| MIN    | 1.000       | 5.00                         | 6.30                       | -8.00                        | 0.5               | 0.010              | 0.003              | 6.2      |
| MAX    | 1.000       | 25.00                        | 18.40                      | 18.00                        | 3.5               | 3.960              | 0.587              | 10.1     |
| MEAN   | 1.000       | 11.50                        | 7.95                       | 2.00                         | 1.165             | 0.080              | 0.014              | 8.9      |

Notes:

<sup>1</sup> Laboratory detection limit (LDL) = 0.01%; Non-detects are reported as half the LDL (0.005%).

Table E.6.2: Deposit No.1 Waste Rock - PAG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP (tCaCO3/1Kt) | MPA (tCaCO3/1Kt) | NNP (tCaCO3/1Kt) | RATIO (NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY               | CLASS |
|------|----------|-------|------------|---------|-------------|-----------------|------------------|------------------|----------------|--------------------|--------------------|----------|---------|--------|--------|-------|-------------------------|-------|
| 2021 | Pit      | 530   | N1_530_003 | 1341    | 1           | 18              | 10.9             | 7                | 1.65           |                    | 0.35               | 8.7      | 7913775 | 563147 | 537.21 | 8.71  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_003 | 2539    | 1           | 12              | 13.8             | -2               | 0.87           |                    | 0.438              | 6.9      | 7913940 | 563028 | 550.24 | 11.74 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_005 | 1605    | 1           | 12              | 25.3             | -13              | 0.47           |                    | 0.809              | 7        | 7913935 | 563033 | 550.69 | 12.19 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_013 | 1700    | 1           | 11              | 7.8              | 3                | 1.41           |                    | 0.245              | 9.8      | 7913892 | 562950 | 549.47 | 10.97 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_013 | 1904    | 1           | 18              | 6.6              | 11               | 2.74           |                    | 0.207              | 9.3      | 7913878 | 562963 | 549.58 | 11.08 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_017 | 1701    |             |                 |                  |                  |                |                    | 0.059              | 5.9      | 7913866 | 563117 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_019 | 1309 D  | 1           | 19              | 8.8              | 10               | 2.17           |                    | 0.279              | 9.5      | 7913805 | 562954 | 549.52 | 11.02 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_019 | 1400    | 1           | 23              | 6.9              | 16               | 3.35           |                    | 0.216              | 9.4      | 7913816 | 562914 | 548.79 | 10.29 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_019 | 1402    | 1           | 15              | 6.3              | 9                | 2.4            |                    | 0.202              | 9.6      | 7913814 | 562922 | 548.95 | 10.45 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_025 | 1618    |             |                 |                  |                  |                |                    | 0.04               | 5.2      | 7913826 | 563152 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_025 | 2545    |             |                 |                  |                  |                |                    | 0.603              | 8.7      | 7913778 | 563026 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_025 | 2653    |             |                 |                  |                  |                |                    | 0.257              | 8.9      | 7913775 | 562990 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_027 | 1505    |             |                 |                  |                  |                |                    | 1.92               | 7.2      | 7913987 | 563143 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_027 | 1608    |             |                 |                  |                  |                |                    | 1.41               | 7.5      | 7913999 | 563137 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_027 | 1707    |             |                 |                  |                  |                |                    | 0.941              | 7.5      | 7914000 | 563142 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_027 | 1806    |             |                 |                  |                  |                |                    | 0.215              | 7.4      | 7913998 | 563151 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_027 | 1810    |             |                 |                  |                  |                |                    | 0.204              | 8.2      | 7914012 | 563137 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_027 | 2008    |             |                 |                  |                  |                |                    | 0.292              | 8.5      | 7914011 | 563150 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_027 | 2113    |             |                 |                  |                  |                |                    | 0.254              | 8.4      | 7914034 | 563134 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_027 | 2212    |             |                 |                  |                  |                |                    | 0.302              | 8.5      | 7914032 | 563143 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_027 | 2216    |             |                 |                  |                  |                |                    | 0.303              | 8.3      | 7914046 | 563129 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_027 | 2416    |             |                 |                  |                  |                |                    | 0.396              | 8.4      | 7914053 | 563135 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_027 | 2418    |             |                 |                  |                  |                |                    | 0.324              | 8.5      | 7914060 | 563128 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 1707    |             |                 |                  |                  |                |                    | 0.004              | 8.2      | 7914050 | 563147 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 1908    |             |                 |                  |                  |                |                    | 0.007              | 8.1      | 7914057 | 563148 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2002    |             |                 |                  |                  |                |                    | 0.042              | 8.1      | 7914071 | 563124 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2004    | 1           | 14              | 15.9             | -2               | 0.88           |                    | 0.511              | 8.2      | 7914067 | 563134 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2006    | 1           | 24              | 9.1              | 15               | 2.65           |                    | 0.292              | 8.2      | 7914063 | 563143 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2008    |             |                 |                  |                  |                |                    | 0.003              | 8.1      | 7914060 | 563152 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2103 D  | 1           | 12              | 15.6             | -4               | 0.77           |                    | 0.497              | 7.9      | 7914074 | 563128 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2105    | 1           | 14              | 27.5             | -14              | 0.51           |                    | 0.877              | 8.4      | 7914070 | 563138 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2107    |             |                 |                  |                  |                |                    | 0.126              | 8.4      | 7914067 | 563147 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2109    |             |                 |                  |                  |                |                    | 0.003              |          | 7914063 | 563156 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2201    |             |                 |                  |                  |                |                    | 0.114              | 8.2      | 7914081 | 563123 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2203    | 1           | 14              | 19.7             | -6               | 0.71           |                    | 0.629              | 8.2      | 7914077 | 563132 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2205    | 1           | 11              | 7.5              | 4                | 1.47           |                    | 0.238              | 8.4      | 7914074 | 563142 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2207    |             |                 |                  |                  |                |                    | 0.036              | 8.1      | 7914070 | 563151 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2300    | 1           | 19              | 90               | -71              | 0.21           |                    | 2.88               | 8.1      | 7914087 | 563120 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2302    | 1           | 12              | 24.7             | -13              | 0.49           |                    | 0.791              | 8.4      | 7914084 | 563127 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2304    | 1           | 11              | 15.6             | -5               | 0.7            |                    | 0.495              | 8.2      | 7914080 | 563136 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2306    |             |                 |                  |                  |                |                    | 0.194              | 8.3      | 7914076 | 563146 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2308    |             |                 |                  |                  |                |                    | 0.01               | 8.2      | 7914073 | 563155 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2401    | 1           | 15              | 28.8             | -14              | 0.52           |                    | 0.925              | 8.4      | 7914089 | 563126 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2403    | 1           | 14              | 12.8             | 1                | 1.09           |                    | 0.406              | 8.4      | 7914086 | 563136 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2405    | 1           | 13              | 15.6             | -3               | 0.83           |                    | 0.495              | 8.3      | 7914082 | 563145 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2407    |             |                 |                  |                  |                |                    | 0.134              | 8.7      | 7914078 | 563154 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2500    | 1           | 10              | 16.3             | -6               | 0.62           |                    | 0.523              | 8.4      | 7914095 | 563123 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2502    | 1           | 9               | 45               | -36              | 0.2            |                    | 1.445              | 8.3      | 7914093 | 563130 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2504    | 1           | 13              | 11.6             | 1                | 1.12           |                    | 0.373              | 8.2      | 7914089 | 563139 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2506    |             |                 |                  |                  |                |                    | 0.181              | 8.5      | 7914085 | 563149 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2508    |             |                 |                  |                  |                |                    | 0.023              | 8.5      | 7914082 | 563158 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2601    | 1           | 7               | 41.3             | -34              | 0.17           |                    | 1.325              | 8.2      | 7914098 | 563130 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2603    |             |                 |                  |                  |                |                    | 0.052              | 8.1      | 7914094 | 563139 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |

Notes:

<sup>1</sup>Laboratory detection limit (LDL) = 0.01%; Non-detects are reported as half the LDL (0.005%).

Table E.6.2: Deposit No.1 Waste Rock - PAG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP (tCaCO3/1Kt) | MPA (tCaCO3/1Kt) | NNP (tCaCO3/1Kt) | RATIO (NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY               | CLASS |
|------|----------|-------|------------|---------|-------------|-----------------|------------------|------------------|----------------|--------------------|--------------------|----------|---------|--------|--------|-------|-------------------------|-------|
| 2021 | Pit      | 540   | N1_540_031 | 2605    | 1           | 14              | 10.3             | 4                | 1.36           |                    | 0.326              | 8.6      | 7914090 | 563148 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2607    |             |                 |                  |                  |                |                    | 0.118              | 8.3      | 7914087 | 563157 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2700    |             |                 |                  |                  |                |                    | 0.941              | 8.3      | 7914104 | 563127 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2702    |             |                 |                  |                  |                |                    | 0.747              | 8.3      | 7914101 | 563134 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2704    |             |                 |                  |                  |                |                    | 0.024              | 8.2      | 7914097 | 563143 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2706    | 1           | 14              | 12.5             | 2                | 1.12           |                    | 0.402              | 8.1      | 7914094 | 563152 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2708    |             |                 |                  |                  |                |                    | 0.01               | 8.3      | 7914090 | 563161 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2801    |             |                 |                  |                  |                |                    | 0.527              | 8.5      | 7914106 | 563133 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2803    |             |                 |                  |                  |                |                    | 0.318              | 8.2      | 7914102 | 563142 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2805    |             |                 |                  |                  |                |                    | 0.208              | 8.2      | 7914099 | 563151 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2807    |             |                 |                  |                  |                |                    | 0.012              | 8.3      | 7914095 | 563161 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2900    |             |                 |                  |                  |                |                    | 0.204              | 8.4      | 7914112 | 563130 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2902    |             |                 |                  |                  |                |                    | 0.394              | 8.5      | 7914109 | 563137 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 2904    |             |                 |                  |                  |                |                    | 0.095              | 8.2      | 7914106 | 563146 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3000    |             |                 |                  |                  |                |                    | 0.467              | 8.3      | 7914116 | 563131 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3001    |             |                 |                  |                  |                |                    | 0.195              | 8.2      | 7914114 | 563136 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3003 D  |             |                 |                  |                  |                |                    | 0.055              | 8.2      | 7914111 | 563145 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3101 D  |             |                 |                  |                  |                |                    | 0.306              | 8.5      | 7914119 | 563136 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3103    |             |                 |                  |                  |                |                    | 0.062              | 7.9      | 7914116 | 563145 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3105    |             |                 |                  |                  |                |                    | 0.011              | 8.1      | 7914112 | 563154 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3200    |             |                 |                  |                  |                |                    | 0.089              | 8.4      | 7914125 | 563135 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3202    |             |                 |                  |                  |                |                    | 0.048              | 8.4      | 7914121 | 563144 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3204    |             |                 |                  |                  |                |                    | 0.023              | 8.2      | 7914118 | 563153 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3301    |             |                 |                  |                  |                |                    | 0.118              | 8.3      | 7914127 | 563140 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3303    |             |                 |                  |                  |                |                    | 0.088              | 8.5      | 7914125 | 563148 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3305    |             |                 |                  |                  |                |                    | 0.16               | 8.4      | 7914121 | 563157 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3400    |             |                 |                  |                  |                |                    | 1.115              | 7.9      | 7914133 | 563138 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3402    |             |                 |                  |                  |                |                    | 0.136              | 8.4      | 7914129 | 563147 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3404    |             |                 |                  |                  |                |                    | 0.125              | 8.4      | 7914126 | 563157 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3406    |             |                 |                  |                  |                |                    | 0.227              | 8.5      | 7914122 | 563166 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3501    |             |                 |                  |                  |                |                    | 0.059              | 8.2      | 7914136 | 563143 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3503    |             |                 |                  |                  |                |                    | 0.027              | 8.5      | 7914132 | 563152 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3505    |             |                 |                  |                  |                |                    | 0.685              | 8.6      | 7914129 | 563161 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3600    |             |                 |                  |                  |                |                    | 0.041              | 8.2      | 7914141 | 563141 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3701    |             |                 |                  |                  |                |                    | 0.701              | 7.8      | 7914144 | 563146 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3800    |             |                 |                  |                  |                |                    | 0.107              | 7.8      | 7914150 | 563145 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 3901    |             |                 |                  |                  |                |                    | 0.026              | 8.3      | 7914153 | 563150 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 4003    | 1           | 8               | 10.6             | -3               | 0.75           |                    | 0.341              | 8.1      | 7914066 | 563127 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 4004    | 1           | 16              | 19.1             | -3               | 0.84           |                    | 0.613              | 8.2      | 7914064 | 563132 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 4005    | 1           | 9               | 7.8              | 1                | 1.15           |                    | 0.251              | 8.2      | 7914062 | 563137 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 4007    |             |                 |                  |                  |                |                    | 0.116              | 8.2      | 7914056 | 563143 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 4100    |             |                 |                  |                  |                |                    | 0.062              | 8.3      | 7914158 | 563148 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_031 | 4201    |             |                 |                  |                  |                |                    | 0.497              | 8.3      | 7914161 | 563153 | 550    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 1000    |             |                 |                  |                  |                |                    | 0.15               | 8.1      | 7914170 | 563153 | 550.7  | 12.2  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 1002    |             |                 |                  |                  |                |                    | 0.188              | 8.1      | 7914168 | 563160 | 550.25 | 11.75 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 1004    |             |                 |                  |                  |                |                    | 0.079              | 8.4      | 7914166 | 563167 | 550.29 | 11.79 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 1006    |             |                 |                  |                  |                |                    | 0.063              | 8.3      | 7914162 | 563173 | 550.41 | 11.91 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 1101    |             |                 |                  |                  |                |                    | 0.073              | 8.3      | 7914172 | 563157 | 550.44 | 11.94 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 1103    |             |                 |                  |                  |                |                    | 0.156              | 8.2      | 7914169 | 563166 | 549.99 | 11.49 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 1105    |             |                 |                  |                  |                |                    | 0.003              | 8.4      | 7914166 | 563174 | 550.44 | 11.94 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 1200    |             |                 |                  |                  |                |                    | 0.095              | 8.1      | 7914177 | 563155 | 550.46 | 11.96 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 1202    |             |                 |                  |                  |                |                    | 0.175              | 8.2      | 7914174 | 563165 | 550.09 | 11.59 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 1301    | 1           | 14              | 6.3              | 8                | 2.24           |                    | 0.2                | 8        | 7914180 | 563160 | 550.22 | 11.72 | ALTERED CHLORITE SCHIST | PAG   |

Notes:

<sup>1</sup>Laboratory detection limit (LDL) = 0.01%; Non-detects are reported as half the LDL (0.005%).

Table E.6.2: Deposit No.1 Waste Rock - PAG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP (tCaCO3/1Kt) | MPA (tCaCO3/1Kt) | NNP (tCaCO3/1Kt) | RATIO (NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY               | CLASS |
|------|----------|-------|------------|---------|-------------|-----------------|------------------|------------------|----------------|--------------------|--------------------|----------|---------|--------|--------|-------|-------------------------|-------|
| 2021 | Pit      | 540   | N1_540_033 | 1303    | 1           | 15              | 10.3             | 5                | 1.45           |                    | 0.33               | 8        | 7914177 | 563169 | 550.05 | 11.55 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 1400    |             |                 |                  |                  |                |                    | 0.015              | 8.2      | 7914186 | 563159 | 550.19 | 11.69 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 1402    |             |                 |                  |                  |                |                    | 0.154              | 8.3      | 7914182 | 563168 | 550.08 | 11.58 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 1501    |             |                 |                  |                  |                |                    | 0.15               | 8.1      | 7914188 | 563164 | 549.95 | 11.45 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 1600 D  |             |                 |                  |                  |                |                    | 0.135              | 8.1      | 7914194 | 563162 | 550.12 | 11.62 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 1602    |             |                 |                  |                  |                |                    | 0.025              | 8.2      | 7914191 | 563170 | 549.91 | 11.41 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 1701    |             |                 |                  |                  |                |                    | 0.027              | 7.8      | 7914196 | 563168 | 549.99 | 11.49 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 1800    |             |                 |                  |                  |                |                    | 0.036              | 8        | 7914202 | 563165 | 550.01 | 11.51 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 2000    |             |                 |                  |                  |                |                    | 0.102              | 8.4      | 7914211 | 563169 | 550.2  | 11.7  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 540   | N1_540_033 | 2200    |             |                 |                  |                  |                |                    | 0.04               | 8.2      | 7914219 | 563172 | 550.15 | 11.65 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_009 | 1406    | 1           | 13              | 82.8             | -70              | 0.16           | 0.08               | 2.11               | 7.4      | 7913974 | 562991 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_009 | 1919    | 1           | 11              | 35.3             | -24              | 0.31           | 0.09               | 0.969              | 6.3      | 7913934 | 563032 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_015 | 1024    | 1           | 16              | 9.1              | 7                | 1.77           | 0.08               | 0.255              | 7.2      | 7913988 | 563136 | 558.5  | 10    | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_015 | 1026    | 1           | 17              | 11.6             | 5                | 1.47           | 0.11               | 0.309              | 7        | 7913995 | 563140 | 558.5  | 10    | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_015 | 1223    | 1           | 10              | 12.2             | -2               | 0.82           | 0.1                | 0.346              | 6.1      | 7913981 | 563141 | 558.5  | 10    | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_015 | 1227    | 1           | 13              | 12.8             | 0                | 1.01           | 0.1                | 0.363              | 6.9      | 7913997 | 563147 | 558.5  | 10    | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_015 | 1326    | 1           | 10              | 8.8              | 1                | 1.14           | 0.09               | 0.235              | 6.5      | 7913991 | 563149 | 558.5  | 10    | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_023 | 1026    | 1           | 25              | 6.3              | 19               | 4              | 0.02               | 0.239              | 8.1      | 7914060 | 563123 | 560.06 | 11.56 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_023 | 1127    | 1           | 15              | 16.3             | -1               | 0.92           | 0.02               | 0.467              | 8        | 7914065 | 563127 | 559.89 | 11.39 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_023 | 1209    | 1           | 11              | 12.8             | -2               | 0.86           | 0.01               | 0.418              | 7.6      | 7914059 | 563130 | 560.34 | 11.84 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_023 | 1211    | 1           | 13              | 10               | 3                | 1.3            | 0.17               | 0.308              | 8.4      | 7914069 | 563132 | 559.97 | 11.47 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_023 | 1306    | 1           | 23              | 8.1              | 15               | 2.83           | 0.05               | 0.259              | 8.2      | 7914043 | 563129 | 560.36 | 11.86 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_023 | 1310    | 1           | 22              | 7.2              | 15               | 3.06           | 0.14               | 0.238              | 8.1      | 7914062 | 563135 | 560.58 | 12.08 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_023 | 1410    | 1           | 23              | 19.7             | 3                | 1.17           | 0.06               | 0.567              | 8.2      | 7914061 | 563140 | 560.51 | 12.01 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_025 | 1200    | 1           | 12              | 12.8             | -1               | 0.94           | 0.1                | 0.41               | 8.1      | 7914087 | 563122 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_025 | 1301    | 1           | 11              | 47.8             | -37              | 0.23           | 0.1                | 1.305              | 7.8      | 7914093 | 563119 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_025 | 1400    | 1           | 9               | 18.4             | -9               | 0.49           | 0.14               | 0.515              | 8.1      | 7914095 | 563126 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_025 | 1501    | 1           | 9               | 15.6             | -7               | 0.58           | 0.06               | 0.487              | 8.1      | 7914101 | 563122 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_025 | 1600    | 1           | 12              | 24.1             | -12              | 0.5            | 0.08               | 0.719              | 8.3      | 7914104 | 563129 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_025 | 1602    | 1           | 13              | 23.1             | -10              | 0.56           | 0.08               | 0.681              | 8.2      | 7914107 | 563119 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_025 | 1701    | 1           | 11              | 15               | -4               | 0.73           | 0.06               | 0.438              | 8.2      | 7914110 | 563126 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_025 | 1802    | 1           | 15              | 7.2              | 8                | 2.09           | 0.09               | 0.23               | 8.3      | 7914116 | 563122 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_025 | 1901    | 1           | 14              | 10.9             | 3                | 1.28           | 0.11               | 0.315              | 8.3      | 7914118 | 563129 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_025 | 2002    | 1           | 10              | 14.7             | -5               | 0.68           | 0.07               | 0.475              | 8.2      | 7914124 | 563126 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_025 | 2103    | 1           | 19              | 20.9             | -2               | 0.91           | 0.06               | 0.575              | 8.3      | 7914130 | 563122 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_025 | 2105    | 1           | 14              | 19.1             | -5               | 0.73           | 0.07               | 0.529              | 7.9      | 7914134 | 563113 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_025 | 2202    | 1           | 18              | 7.2              | 11               | 2.5            | 0.07               | 0.204              | 8.2      | 7914133 | 563129 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_025 | 2204    | 1           | 16              | 13.1             | 3                | 1.22           | 0.09               | 0.396              | 8.2      | 7914136 | 563119 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_025 | 2303    | 1           | 13              | 6.3              | 7                | 2.08           | 0.05               | 0.205              | 8.2      | 7914138 | 563126 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_025 | 2305    | 1           | 15              | 8.8              | 6                | 1.71           | 0.06               | 0.27               | 8.1      | 7914142 | 563116 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_025 | 2404    | 1           | 13              | 44.7             | -32              | 0.29           | 0.05               | 1.42               | 8.1      | 7914144 | 563123 | 559    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_025 | 2406    | 1           | 12              | 21.9             | -10              | 0.55           | 0.08               | 0.635              | 8.2      | 7914148 | 563114 | 558.5  | 10    | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_029 | 1016    | 1           | 8               | 10.3             | -2               | 0.78           |                    | 0.328              | 7.9      | 7914079 | 563134 | 560.28 | 11.78 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_029 | 1018    | 1           | 20              | 22.8             | -3               | 0.88           |                    | 0.729              | 8.4      | 7914088 | 563132 | 560.42 | 11.92 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_029 | 1022    | 1           | 16              | 15               | 1                | 1.07           |                    | 0.483              | 8.3      | 7914105 | 563139 | 560.42 | 11.92 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_029 | 1117    | 1           | 10              | 11.3             | -1               | 0.89           |                    | 0.36               | 8.3      | 7914085 | 563134 | 560.38 | 11.88 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_029 | 1119 D  | 1           | 15              | 16.9             | -2               | 0.89           |                    | 0.543              | 8.5      | 7914093 | 563136 | 560.23 | 11.73 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_029 | 1120    | 1           | 16              | 8.4              | 8                | 1.9            |                    | 0.268              | 8.4      | 7914097 | 563137 | 560.23 | 11.73 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_029 | 1121    | 1           | 18              | 7.2              | 11               | 2.5            |                    | 0.228              | 8.2      | 7914101 | 563139 | 560.35 | 11.85 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_029 | 1129    | 1           | 14              | 23.8             | -10              | 0.59           |                    | 0.763              | 8.2      | 7914134 | 563151 | 560.18 | 11.68 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_029 | 1911    | 1           | 17              | 8.1              | 9                | 2.09           |                    | 0.261              | 8.5      | 7914086 | 563139 | 560.43 | 11.93 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_029 | 2109    | 1           | 9               | 8.1              | 1                | 1.11           |                    | 0.259              | 8.4      | 7914092 | 563151 | 560.52 | 12.02 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_029 | 2111    | 1           | 18              | 7.5              | 11               | 2.4            |                    | 0.236              | 8.5      | 7914096 | 563142 | 560.25 | 11.75 | ALTERED CHLORITE SCHIST | PAG   |

Notes:

<sup>1</sup>Laboratory detection limit (LDL) = 0.01%; Non-detects are reported as half the LDL (0.005%).

Table E.6.2: Deposit No.1 Waste Rock - PAG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP (tCaCO3/1Kt) | MPA (tCaCO3/1Kt) | NNP (tCaCO3/1Kt) | RATIO (NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY               | CLASS |
|------|----------|-------|------------|---------|-------------|-----------------|------------------|------------------|----------------|--------------------|--------------------|----------|---------|--------|--------|-------|-------------------------|-------|
| 2021 | Pit      | 550   | N1_550_029 | 2210    | 1           | 17              | 23.1             | -6               | 0.74           |                    | 0.737              | 8.2      | 7914099 | 563148 | 560.42 | 11.92 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_029 | 2810    | 1           | 10              | 9.1              | 1                | 1.1            |                    | 0.294              | 8.4      | 7914124 | 563157 | 559.89 | 11.39 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_029 | 3008    | 1           | 13              | 9.4              | 4                | 1.39           |                    | 0.298              | 8.5      | 7914129 | 563169 | 559.78 | 11.28 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_031 | 1404    | 1           | 19              | 6.3              | 13               | 3.04           |                    | 0.2                | 8.7      | 7914155 | 563167 | 560    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_031 | 1602    | 1           | 18              | 7.8              | 10               | 2.3            |                    | 0.251              | 8.1      | 7914165 | 563161 | 560    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_031 | 1701    | 1           | 18              | 14.1             | 4                | 1.28           |                    | 0.446              | 8.1      | 7914171 | 563158 | 560    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_031 | 1800    | 1           | 21              | 10.6             | 10               | 1.98           |                    | 0.341              | 8        | 7914176 | 563155 | 560    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_031 | 1802    | 1           | 18              | 12.2             | 6                | 1.48           |                    | 0.393              | 8        | 7914173 | 563164 | 560    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_031 | 1804    | 1           | 22              | 22.2             | 0                | 0.99           |                    | 0.711              | 8.1      | 7914170 | 563172 | 560    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_031 | 1901    | 1           | 26              | 8.4              | 18               | 3.08           |                    | 0.267              | 8.3      | 7914178 | 563161 | 560    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_031 | 2101    | 1           | 24              | 20.3             | 4                | 1.18           |                    | 0.654              | 8        | 7914186 | 563164 | 560    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_031 | 2400    | 1           | 24              | 7.5              | 17               | 3.2            |                    | 0.239              | 8        | 7914198 | 563164 | 560    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 232     | 1           | 18              | 100.6            | -83              | 0.18           |                    | 3.22               | 8.1      | 7914257 | 563176 | 562.56 | 14.06 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 234     | 1           | 15              | 10.6             | 4                | 1.41           |                    | 0.342              | 8.6      | 7914258 | 563168 | 562.55 | 14.05 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 330     |             |                 |                  |                  |                |                    | 0.011              | 8.4      | 7914254 | 563180 | 562.94 | 14.44 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 332     | 1           | 18              | 29.7             | -12              | 0.61           |                    | 0.949              | 8.3      | 7914255 | 563170 | 562.36 | 13.86 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1200    |             |                 |                  |                  |                |                    | 0.086              | 8.5      | 7914204 | 563166 | 560.52 | 12.02 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1231    |             |                 |                  |                  |                |                    | 0.029              | 8.8      | 7914208 | 563160 | 560.89 | 12.39 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1233    |             |                 |                  |                  |                |                    | 0.162              | 8.7      | 7914211 | 563151 | 560.7  | 12.2  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1330    |             |                 |                  |                  |                |                    | 0.095              | 8.6      | 7914211 | 563165 | 560.58 | 12.08 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1332    |             |                 |                  |                  |                |                    | 0.043              | 8.6      | 7914214 | 563157 | 561.02 | 12.52 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1334    |             |                 |                  |                  |                |                    | 0.084              | 8.4      | 7914217 | 563148 | 561.04 | 12.54 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1400    |             |                 |                  |                  |                |                    | 0.027              | 8.4      | 7914214 | 563170 | 561.04 | 12.54 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1431    |             |                 |                  |                  |                |                    | 0.15               | 8.7      | 7914216 | 563162 | 561.03 | 12.53 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1433    |             |                 |                  |                  |                |                    | 0.089              | 8.4      | 7914219 | 563154 | 560.89 | 12.39 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1530    | 1           | 10              | 6.6              | 3                | 1.52           |                    | 0.206              | 8.7      | 7914219 | 563168 | 561.09 | 12.59 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1532    |             |                 |                  |                  |                |                    | 0.085              | 8.4      | 7914222 | 563160 | 561.43 | 12.93 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1534    |             |                 |                  |                  |                |                    | 0.009              | 8.6      | 7914225 | 563152 | 561.31 | 12.81 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1600    |             |                 |                  |                  |                |                    | 0.012              | 7.2      | 7914222 | 563173 | 561.31 | 12.81 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1631    |             |                 |                  |                  |                |                    | 0.062              | 8.7      | 7914225 | 563165 | 561.81 | 13.31 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1633    | 1           | 13              | 6.9              | 6                | 1.89           |                    | 0.217              | 8.5      | 7914228 | 563157 | 561.52 | 13.02 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1730    | 1           | 11              | 6.3              | 5                | 1.76           |                    | 0.201              | 7.6      | 7914227 | 563171 | 561.55 | 13.05 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1732    |             |                 |                  |                  |                |                    | 0.114              | 8.8      | 7914230 | 563163 | 561.61 | 13.11 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1734    |             |                 |                  |                  |                |                    | 0.035              | 8.4      | 7914233 | 563155 | 561.64 | 13.14 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1831    |             |                 |                  |                  |                |                    | 0.08               | 8.5      | 7914233 | 563169 | 562.03 | 13.53 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1833    | 1           | 16              | 6.9              | 9                | 2.33           |                    | 0.217              | 8.8      | 7914236 | 563160 | 561.56 | 13.05 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1932    |             |                 |                  |                  |                |                    | 0.074              | 8.7      | 7914239 | 563166 | 561.81 | 13.31 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 1934    |             |                 |                  |                  |                |                    | 0.076              | 8.6      | 7914242 | 563158 | 561.73 | 13.23 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 2031    |             |                 |                  |                  |                |                    | 0.057              | 7.3      | 7914241 | 563172 | 562.05 | 13.55 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 2033    | 1           | 14              | 9.4              | 5                | 1.49           |                    | 0.303              | 8.7      | 7914245 | 563163 | 562.07 | 13.57 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 2132    |             |                 |                  |                  |                |                    | 0.161              | 8.7      | 7914247 | 563169 | 562.05 | 13.55 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 2231    |             |                 |                  |                  |                |                    | 0.02               | 8.4      | 7914250 | 563175 | 562.29 | 13.79 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 2233    |             |                 |                  |                  |                |                    | 0.148              | 8.7      | 7914252 | 563167 | 562.33 | 13.83 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3032    |             |                 |                  |                  |                |                    | 0.162              | 8.4      | 7914205 | 563154 | 560.61 | 12.11 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3034    | 1           | 19              | 6.3              | 13               | 3.04           |                    | 0.203              | 8.6      | 7914208 | 563146 | 560.41 | 11.91 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3036    | 1           | 11              | 6.9              | 4                | 1.6            |                    | 0.216              | 8.7      | 7914211 | 563137 | 560.75 | 12.25 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3131    |             |                 |                  |                  |                |                    | 0.055              | 8.3      | 7914199 | 563157 | 560.52 | 12.02 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3133    | 1           | 15              | 8.1              | 7                | 1.85           |                    | 0.255              | 8.4      | 7914202 | 563148 | 560.33 | 11.83 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3135    |             |                 |                  |                  |                |                    | 0.148              | 8.5      | 7914205 | 563139 | 560.36 | 11.86 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3137    | 1           | 10              | 8.1              | 2                | 1.23           |                    | 0.262              | 8.8      | 7914208 | 563131 | 560.63 | 12.13 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3232    |             |                 |                  |                  |                |                    | 0.193              | 8.2      | 7914196 | 563151 | 560.27 | 11.77 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3234    | 1           | 19              | 11.3             | 8                | 1.69           |                    | 0.356              | 8.5      | 7914199 | 563142 | 560.61 | 12.11 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3236    | 1           | 12              | 13.1             | -1               | 0.91           |                    | 0.42               | 8.7      | 7914202 | 563134 | 560.53 | 12.03 | ALTERED CHLORITE SCHIST | PAG   |

Notes:

<sup>1</sup>Laboratory detection limit (LDL) = 0.01%; Non-detects are reported as half the LDL (0.005%).

Table E.6.2: Deposit No.1 Waste Rock - PAG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP (tCaCO3/1Kt) | MPA (tCaCO3/1Kt) | NNP (tCaCO3/1Kt) | RATIO (NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY               | CLASS |
|------|----------|-------|------------|---------|-------------|-----------------|------------------|------------------|----------------|--------------------|--------------------|----------|---------|--------|--------|-------|-------------------------|-------|
| 2021 | Pit      | 550   | N1_550_033 | 3331    |             |                 |                  |                  |                |                    | 0.046              | 8.5      | 7914191 | 563153 | 560.21 | 11.71 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3333    | 1           | 19              | 15.9             | 3                | 1.19           |                    | 0.511              | 8.7      | 7914194 | 563146 | 560.47 | 11.97 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3335    | 1           | 14              | 7.8              | 6                | 1.79           |                    | 0.247              | 8.7      | 7914197 | 563137 | 560.9  | 12.4  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3432    | 1           | 21              | 6.6              | 14               | 3.2            |                    | 0.211              | 8.6      | 7914188 | 563148 | 559.97 | 11.47 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3434    | 1           | 15              | 7.2              | 8                | 2.09           |                    | 0.225              | 8.6      | 7914191 | 563139 | 560.7  | 12.2  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3531    |             |                 |                  |                  |                |                    | 0.033              | 8.6      | 7914182 | 563150 | 560.13 | 11.63 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3533    | 1           | 16              | 9.4              | 7                | 1.71           |                    | 0.298              | 8.6      | 7914185 | 563143 | 559.83 | 11.33 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3535    |             |                 |                  |                  |                |                    | 0.144              | 8.6      | 7914189 | 563134 | 561.06 | 12.56 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3632    | 1           | 14              | 13.8             | 0                | 1.02           |                    | 0.444              | 8.6      | 7914179 | 563145 | 560.22 | 11.72 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3634    | 1           | 12              | 12.2             | 0                | 0.98           |                    | 0.393              | 8.6      | 7914182 | 563136 | 561.03 | 12.53 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3731    | 1           | 9               | 6.6              | 2                | 1.37           |                    | 0.205              | 8.3      | 7914174 | 563147 | 560.25 | 11.75 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3733    | 1           | 10              | 13.4             | -3               | 0.74           |                    | 0.432              | 8.5      | 7914177 | 563139 | 560.72 | 12.22 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3735    |             |                 |                  |                  |                |                    | 0.144              | 8.5      | 7914180 | 563130 | 560.84 | 12.34 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3832    |             |                 |                  |                  |                |                    | 0.102              | 8.6      | 7914170 | 563141 | 560.48 | 11.98 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3834    |             |                 |                  |                  |                |                    | 0.068              | 8.2      | 7914174 | 563133 | 560.79 | 12.29 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3836    |             |                 |                  |                  |                |                    | 0.11               | 8.7      | 7914177 | 563125 | 560.79 | 12.29 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3931    |             |                 |                  |                  |                |                    | 0.046              | 8.2      | 7914165 | 563144 | 560.16 | 11.66 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3933    |             |                 |                  |                  |                |                    | 0.174              | 8.4      | 7914168 | 563135 | 560.56 | 12.06 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 3935    |             |                 |                  |                  |                |                    | 0.121              | 8.5      | 7914172 | 563127 | 560.7  | 12.2  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 4032    |             |                 |                  |                  |                |                    | 0.102              | 8.5      | 7914162 | 563138 | 560.19 | 11.69 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 4034    | 1           | 10              | 12.5             | -3               | 0.8            |                    | 0.402              | 8.3      | 7914167 | 563130 | 560.59 | 12.09 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 4036    | 1           | 10              | 8.1              | 2                | 1.23           |                    | 0.258              | 8.6      | 7914169 | 563121 | 560.59 | 12.09 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 4131    |             |                 |                  |                  |                |                    | 0.038              | 8.4      | 7914157 | 563141 | 560.15 | 11.65 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 4133    | 1           | 15              | 6.3              | 9                | 2.4            |                    | 0.203              | 8.4      | 7914160 | 563132 | 560.42 | 11.92 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 4135    |             |                 |                  |                  |                |                    | 0.006              |          | 7914162 | 563124 | 560.84 | 12.34 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 4232    |             |                 |                  |                  |                |                    | 0.05               | 8.5      | 7914155 | 563136 | 560.62 | 12.12 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 4234    |             |                 |                  |                  |                |                    | 0.013              |          | 7914158 | 563127 | 560.65 | 12.15 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 4236    | 1           | 13              | 18.1             | -5               | 0.72           |                    | 0.581              | 8        | 7914161 | 563119 | 560.61 | 12.11 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 4331    |             |                 |                  |                  |                |                    | 0.078              | 8.3      | 7914150 | 563138 | 560.74 | 12.24 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 4333    | 1           | 13              | 9.7              | 3                | 1.34           |                    | 0.309              | 8.5      | 7914153 | 563130 | 560.4  | 11.9  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 4335    |             |                 |                  |                  |                |                    | 0.124              | 8.1      | 7914156 | 563121 | 560.59 | 12.09 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 4432    | 1           | 14              | 6.9              | 7                | 2.04           |                    | 0.224              | 8.6      | 7914148 | 563133 | 560.32 | 11.82 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_033 | 4436    |             |                 |                  |                  |                |                    | 0.195              | 8.4      | 7914156 | 563119 | 560.8  | 12.3  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 550   | N1_550_034 | 402     |             |                 |                  |                  |                |                    | 0.293              | 9        | 7913817 | 562921 | 560    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_015 | 1507    | 1           | 14              | 8.8              | 5                | 1.6            | 0.13               | 0.288              | 8.2      | 7914207 | 563148 | 569    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_015 | 1513    | 1           | 15              | 9.4              | 6                | 1.6            | 0.13               | 0.33               | 8.6      | 7914178 | 563139 | 569    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_015 | 1608    | 1           | 16              | 7.5              | 9                | 2.13           | 0.15               | 0.23               | 8.2      | 7914200 | 563152 | 569    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_015 | 1610    | 1           | 21              | 7.5              | 14               | 2.8            | 0.12               | 0.235              | 8.3      | 7914191 | 563149 | 569    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_015 | 1612    | 1           | 13              | 7.2              | 6                | 1.81           | 0.08               | 0.227              | 8        | 7914181 | 563146 | 569    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_015 | 1628    | 1           | 12              | 15               | -3               | 0.8            | 0.11               | 0.473              | 8.5      | 7914106 | 563122 | 569    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_015 | 1630    | 1           | 13              | 8.8              | 4                | 1.49           | 0.15               | 0.276              | 8.5      | 7914096 | 563118 | 569    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_017 | 201     | 1           | -3              | 7.8              | -11              | -0.38          | 1.18               | 0.257              |          | 7914039 | 562971 | 570    | 11.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_021 | 1603    |             |                 |                  |                  |                |                    | 0.729              |          | 7913840 | 563135 | 568.5  | 10    | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_025 | 1303    | 1           | 14              | 6.6              | 7                | 2.13           | 0.04               | 0.209              | 9        | 7913873 | 562960 | 569.56 | 11.05 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_025 | 1705    | 1           | 14              | 8.8              | 5                | 1.6            | 0.09               | 0.273              | 9.1      | 7913889 | 562946 | 569.36 | 10.86 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_027 | 1501    | 1           | 13              | 9.4              | 4                | 1.39           | 0.04               | 0.272              | 8.2      | 7914054 | 563150 | 569    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_027 | 1002    | 1           | 19              | 9.7              | 9                | 1.96           | 0.14               | 0.328              | 8.1      | 7914082 | 563140 | 569    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_027 | 1003    | 1           | 10              | 8.8              | 1                | 1.14           | 0.08               | 0.332              | 7.9      | 7914084 | 563136 | 569    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_027 | 1004    | 1           | 15              | 6.9              | 8                | 2.18           | 0.09               | 0.229              | 8.1      | 7914087 | 563131 | 569    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_027 | 1005    | 1           | 10              | 30.6             | -21              | 0.33           | 0.14               | 0.965              | 8.4      | 7914091 | 563127 | 569    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_027 | 1007    | 1           | 13              | 7.5              | 6                | 1.73           | 0.08               | 0.238              | 8.5      | 7914101 | 563131 | 569    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_027 | 1022    | 1           | 20              | 10               | 10               | 2              | 0.08               | 0.315              | 8.4      | 7914169 | 563154 | 569    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_027 | 1123    | 1           | 19              | 22.2             | -3               | 0.86           | 0.04               | 0.633              | 8.4      | 7914172 | 563158 | 569    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |

Notes:

<sup>1</sup>Laboratory detection limit (LDL) = 0.01%; Non-detects are reported as half the LDL (0.005%).

Table E.6.2: Deposit No.1 Waste Rock - PAG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP (tCaCO3/1Kt) | MPA (tCaCO3/1Kt) | NNP (tCaCO3/1Kt) | RATIO (NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY               | CLASS |
|------|----------|-------|------------|---------|-------------|-----------------|------------------|------------------|----------------|--------------------|--------------------|----------|---------|--------|--------|-------|-------------------------|-------|
| 2021 | Pit      | 560   | N1_560_027 | 1202    | 1           | 16              | 9.1              | 7                | 1.77           | 0.12               | 0.298              | 8.3      | 7914092 | 563135 | 569    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_027 | 1218 D  | 1           | 15              | 7.5              | 8                | 2              | 0.1                | 0.242              | 8.5      | 7914165 | 563160 | 569    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_027 | 1404    | 1           | 16              | 12.2             | 4                | 1.31           | 0.01               | 0.38               | 8.4      | 7914098 | 563146 | 569    | 10.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_029 | 1119    | 1           | 10              | 93.1             | -83              | 0.11           | 0.54               | 1.93               | 5.6      | 7914353 | 563171 | 570.69 | 12.19 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_029 | 1018    | 1           | 16              | 7.8              | 8                | 2.05           | 0.92               | 0.278              | 7.7      | 7914359 | 563169 | 570.98 | 12.48 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_029 | 1119    | 1           | 10              | 93.1             | -83              | 0.11           | 0.54               | 1.93               | 5.6      | 7914353 | 563171 | 570.69 | 12.19 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_029 | 1121    | 1           | 15              | 67.8             | -53              | 0.22           | 0.34               | 1.485              | 6.8      | 7914345 | 563167 | 570.41 | 11.91 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_029 | 1315    | 1           | 15              | 10.6             | 4                | 1.41           | 1.53               | 0.379              | 7.3      | 7914366 | 563187 | 570.6  | 12.1  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_033 | 204     | 1           | 8               | 6.3              | 2                | 1.28           |                    | 0.204              | 6.8      | 7914265 | 563128 | 571.58 | 13.08 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_033 | 302     | 1           | 9               | 20.3             | -11              | 0.44           |                    | 0.651              | 7.9      | 7914263 | 563129 | 571.57 | 13.07 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_033 | 1004    | 1           | 12              | 6.9              | 5                | 1.75           |                    | 0.217              | 8.4      | 7914255 | 563143 | 572.09 | 13.59 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_033 | 1101    | 1           | 16              | 10.9             | 5                | 1.46           |                    | 0.349              | 8.1      | 7914260 | 563131 | 571.88 | 13.38 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_033 | 1205    | 1           | 20              | 9.4              | 11               | 2.13           |                    | 0.295              | 8.6      | 7914258 | 563166 | 571.49 | 12.99 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 560   | N1_560_033 | 1304    | 1           | 16              | 8.8              | 7                | 1.83           |                    | 0.278              | 8.5      | 7914255 | 563161 | 571.64 | 13.14 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_035 | 1000    |             |                 |                  |                  |                |                    | 0.03               |          | 7914446 | 563197 | 581.48 | 12.98 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_035 | 201     | 1           | 5               | 22.8             | -18              | 0.22           | 0.38               | 0.669              | 5.3      | 7914452 | 563193 | 581.7  | 13.2  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_035 | 302     | 1           | -2              | 10.6             | -13              | -0.19          | 0.24               | 0.372              | 4.7      | 7914454 | 563197 | 581.27 | 12.77 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_035 | 2112    | 1           | 4               | 9.4              | -5               | 0.43           | 0.06               | 0.332              | 5.8      | 7914467 | 563261 | 580.62 | 12.12 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_035 | 2213    | 1           | 4               | 6.9              | -3               | 0.58           | 0.03               | 0.245              | 5.6      | 7914470 | 563267 | 580.44 | 11.94 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_035 | 201     | 1           | 5               | 22.8             | -18              | 0.22           | 0.38               | 0.669              | 5.3      | 7914452 | 563193 | 581.7  | 13.2  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_035 | 203     |             |                 |                  |                  |                |                    | 0.473              |          | 7914458 | 563196 | 581.67 | 13.17 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_035 | 302     | 1           | -2              | 10.6             | -13              | -0.19          | 0.24               | 0.372              | 4.7      | 7914454 | 563197 | 581.27 | 12.77 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_035 | 304     |             |                 |                  |                  |                |                    | 0.917              |          | 7914462 | 563201 | 581.21 | 12.71 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_035 | 306     |             |                 |                  |                  |                |                    | 0.265              |          | 7914470 | 563205 | 581.35 | 12.85 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_035 | 1405    |             |                 |                  |                  |                |                    | 0.356              |          | 7914451 | 563222 | 580.43 | 11.93 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_035 | 1700    |             |                 |                  |                  |                |                    | 0.352              |          | 7914472 | 563210 | 581.1  | 12.6  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_035 | 1712    | 1           | 5               | 6.3              | -1               | 0.8            | 0.13               | 0.21               | 7        | 7914451 | 563253 | 580.54 | 12.04 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_035 | 2015    | 1           | 8               | 10.3             | -2               | 0.78           | 0.02               | 0.33               | 7.6      | 7914458 | 563270 | 580.6  | 12.1  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_035 | 2112    | 1           | 4               | 9.4              | -5               | 0.43           | 0.06               | 0.332              | 5.8      | 7914467 | 563261 | 580.62 | 12.12 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_035 | 2213    | 1           | 4               | 6.9              | -3               | 0.58           | 0.03               | 0.245              | 5.6      | 7914470 | 563267 | 580.44 | 11.94 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 1001    |             |                 |                  |                  |                | 0.14               | 0.073              | 7.7      | 7914485 | 563273 | 580.51 | 12.01 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 1100    |             |                 |                  |                  |                |                    | 0.048              |          | 7914490 | 563273 | 580.59 | 12.09 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 1300    |             |                 |                  |                  |                | 0.14               | 0.053              | 7.8      | 7914488 | 563279 | 580.69 | 12.19 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 1421    |             |                 |                  |                  |                | 0.11               | 0.07               | 7.5      | 7914494 | 563278 | 580.65 | 12.15 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 1522    |             |                 |                  |                  |                | 0.07               | 0.064              | 8.6      | 7914500 | 563278 | 581.24 | 12.74 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 1722    |             |                 |                  |                  |                |                    | 0.035              |          | 7914507 | 563286 | 581.37 | 12.87 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 1809    |             |                 |                  |                  |                | 0.08               | 0.042              | 8        | 7914484 | 563322 | 581.26 | 12.76 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 1811    |             |                 |                  |                  |                | 0.24               | 0.07               | 7.6      | 7914479 | 563328 | 581.19 | 12.69 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 1910    | 1           | 7               | 13.1             | -6               | 0.53           | 0.07               | 0.499              | 7.6      | 7914485 | 563328 | 581.26 | 12.76 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 1912    |             |                 |                  |                  |                | 0.05               | 0.087              | 8        | 7914481 | 563334 | 581.64 | 13.14 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 2009    |             |                 |                  |                  |                | 0.12               | 0.098              | 7.3      | 7914492 | 563328 | 581    | 12.5  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 2011    |             |                 |                  |                  |                | 0.09               | 0.203              | 7.9      | 7914487 | 563334 | 581.33 | 12.83 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 2013    | 1           | 3               | 12.5             | -10              | 0.24           | 0.14               | 0.453              | 7.3      | 7914481 | 563340 | 583.05 | 14.55 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 2017    |             |                 |                  |                  |                | 0.15               | 0.024              | 5.9      | 7914471 | 563354 | 581.3  | 12.8  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 2314    | 1           | 6               | 7.2              | -1               | 0.83           | 0.15               | 0.257              | 5.7      | 7914491 | 563353 | 582.11 | 13.61 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 1103    | 1           | 8               | 8.8              | -1               | 0.91           | 0.1                | 0.306              | 6.5      | 7914479 | 563279 | 580.82 | 12.32 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 1302    | 1           | 7               | 6.3              | 1                | 1.12           | 0.09               | 0.219              | 7        | 7914483 | 563285 | 581.05 | 12.55 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 1322    | 1           | 5               | 10               | -5               | 0.5            | 0.08               | 0.393              | 8.2      | 7914494 | 563272 | 580.18 | 11.68 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 1615    | 1           | 13              | 15.9             | -3               | 0.82           | 0.02               | 0.525              | 8.3      | 7914461 | 563334 | 581.3  | 12.8  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 1813    | 1           | 13              | 11.3             | 2                | 1.16           | 0.25               | 0.4                | 7        | 7914474 | 563334 | 581.87 | 13.37 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 2213    | 1           | 10              | 7.5              | 3                | 1.33           | 0.21               | 0.257              | 6.4      | 7914490 | 563347 | 582.02 | 13.52 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 570   | N1_570_037 | 2314    | 1           | 6               | 7.2              | -1               | 0.83           | 0.15               | 0.257              | 5.7      | 7914491 | 563353 | 582.11 | 13.61 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1702    | 1           | 8               | 38.1             | -30              | 0.21           | 0.1                | 1.115              | 5.1      | 7914895 | 563401 | 650.4  | 11.9  | ALTERED CHLORITE SCHIST | PAG   |

Notes:

<sup>1</sup>Laboratory detection limit (LDL) = 0.01%; Non-detects are reported as half the LDL (0.005%).

Table E.6.2: Deposit No.1 Waste Rock - PAG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP (tCaCO3/1Kt) | MPA (tCaCO3/1Kt) | NNP (tCaCO3/1Kt) | RATIO (NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY               | CLASS |
|------|----------|-------|------------|---------|-------------|-----------------|------------------|------------------|----------------|--------------------|--------------------|----------|---------|--------|--------|-------|-------------------------|-------|
| 2021 | Pit      | 640   | N2_640_103 | 1001    | 1           | 11              | 40               | -29              | 0.28           | 0.03               | 1.14               | 7.6      | 7914911 | 563430 | 649.65 | 11.15 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1007    | 1           | 14              | 8.4              | 6                | 1.66           | 0.02               | 0.272              | 8.1      | 7914924 | 563448 | 650.3  | 11.8  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1100    | 1           | 12              | 16.6             | -5               | 0.72           | 0.02               | 0.543              | 7.4      | 7914911 | 563425 | 649.81 | 11.31 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1301    | 1           | 12              | 65               | -53              | 0.18           | 0.02               | 1.96               | 7.1      | 7914919 | 563434 | 649.21 | 10.71 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1303    | 1           | 10              | 15.6             | -6               | 0.64           | 0.02               | 0.471              | 8.3      | 7914928 | 563439 | 649.17 | 10.67 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1400    | 1           | 12              | 12.2             | 0                | 0.98           | 0.03               | 0.352              | 8        | 7914917 | 563429 | 649.55 | 11.05 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1402    | 1           | 2               | 12.5             | -11              | 0.16           | 0.06               | 0.38               | 7.4      | 7914926 | 563433 | 649.82 | 11.32 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1505    | 1           | 12              | 15.6             | -4               | 0.77           | 0.04               | 0.469              | 6.7      | 7914934 | 563432 | 649.54 | 11.04 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1622    | 1           | 12              | 47.2             | -35              | 0.25           | 0.01               | 1.35               | 7.9      | 7914860 | 563388 | 650.99 | 12.49 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1626    |             |                 |                  |                  |                |                    | 0.28               |          | 7914877 | 563397 | 650.7  | 12.2  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1700    | 1           | 13              | 63.8             | -51              | 0.2            | 0.09               | 1.805              | 7.2      | 7914886 | 563396 | 650.29 | 11.79 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1702    | 1           | 8               | 38.1             | -30              | 0.21           | 0.1                | 1.115              | 5.1      | 7914895 | 563401 | 650.4  | 11.9  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1710    | 1           | 13              | 6.9              | 6                | 1.89           | 0.06               | 0.227              | 7.3      | 7914930 | 563419 | 650.75 | 12.25 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1724    | 1           | 13              | 47.8             | -35              | 0.27           | 0.01               | 1.245              | 7.6      | 7914867 | 563386 | 651.52 | 13.02 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1726    |             |                 |                  |                  |                |                    | 0.364              |          | 7914876 | 563391 | 650.93 | 12.43 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1728    |             |                 |                  |                  |                |                    | 0.312              |          | 7914883 | 563394 | 650.6  | 12.1  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1801    | 1           | 9               | 14.1             | -5               | 0.64           | 0.07               | 0.457              | 7.4      | 7914893 | 563395 | 649.64 | 11.14 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1807    | 1           | 15              | 7.5              | 8                | 2              | 0.07               | 0.206              | 8        | 7914919 | 563409 | 651.22 | 12.72 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1825    | 1           | 13              | 50.6             | -38              | 0.26           | 0.01               | 1.215              | 7.6      | 7914874 | 563386 | 651.44 | 12.94 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1827 D  | 1           | 21              | 65.6             | -45              | 0.32           | 0.31               | 1.89               | 7        | 7914881 | 563390 | 650.48 | 11.98 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1905    | 1           | 10              | 28.4             | -18              | 0.35           | 0.01               | 0.812              | 6.7      | 7914890 | 563389 | 649.1  | 10.6  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 1917    | 1           | 14              | 10.6             | 3                | 1.32           | 0.05               | 0.286              | 8.6      | 7914944 | 563416 | 651.67 | 13.17 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 2103    | 1           | 12              | 18.4             | -6               | 0.65           | 0.01               | 0.563              | 7.8      | 7914887 | 563375 | 649.3  | 10.8  | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 2202    | 1           | 17              | 10.3             | 7                | 1.65           | 0.01               | 0.334              | 7.6      | 7914887 | 563369 | 649.12 | 10.62 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 2206    | 1           | 12              | 6.6              | 5                | 1.83           | 0.03               | 0.207              | 8        | 7914903 | 563378 | 649.18 | 10.68 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 4000    | 1           | 14              | 13.1             | 1                | 1.07           | 0.03               | 0.451              | 8        | 7914908 | 563422 | 650.08 | 11.58 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 4002    | 1           | 10              | 23.1             | -13              | 0.43           | 0.01               | 0.733              | 7.6      | 7914902 | 563417 | 650.82 | 12.32 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 4104    |             |                 |                  |                  |                |                    | 0.977              |          | 7914896 | 563411 | 650.31 | 11.81 | ALTERED CHLORITE SCHIST | PAG   |
| 2021 | Pit      | 640   | N2_640_103 | 4110    |             |                 |                  |                  |                | 0.01               | 0.233              | 8.1      | 7914874 | 563400 | 650.94 | 12.44 | ALTERED CHLORITE SCHIST | PAG   |

Notes:  
<sup>1</sup>Laboratory detection limit (LDL) = 0.01%; Non-detects are reported as half the LDL (0.005%).

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 530   | N1_530_001 | 1002    |             |                    |                     |                     |                   |                    | 0.018              | 9        | 7913934 | 563035 | 541.52 | 13.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1004    |             |                    |                     |                     |                   |                    | 0.056              | 9.4      | 7913926 | 563041 | 541.05 | 12.55 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1006    |             |                    |                     |                     |                   |                    | 0.006              | 9.9      | 7913918 | 563048 | 540.82 | 12.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1008    |             |                    |                     |                     |                   |                    | 0.003              | 9.7      | 7913912 | 563052 | 540.89 | 12.39 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1010    |             |                    |                     |                     |                   |                    | 0.027              | 9.7      | 7913903 | 563060 | 540.49 | 11.99 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1012    |             |                    |                     |                     |                   |                    | 0.013              | 9.2      | 7913894 | 563067 | 540.32 | 11.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1014    |             |                    |                     |                     |                   |                    | 0.006              | 8.6      | 7913886 | 563073 | 540.09 | 11.59 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1016    |             |                    |                     |                     |                   |                    | 0.008              | 9        | 7913879 | 563080 | 540.49 | 11.99 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1018    |             |                    |                     |                     |                   |                    | 0.013              | 9.1      | 7913871 | 563086 | 540.16 | 11.66 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1020    |             |                    |                     |                     |                   |                    | 0.005              | 8.9      | 7913863 | 563092 | 539.72 | 11.22 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1022    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913855 | 563098 | 539.88 | 11.38 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1024    |             |                    |                     |                     |                   |                    | 0.006              | 8.7      | 7913848 | 563104 | 539.91 | 11.41 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1026    |             |                    |                     |                     |                   |                    | 0.01               | 8.7      | 7913840 | 563111 | 539.8  | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1101 D  |             |                    |                     |                     |                   |                    | 0.008              | 9.7      | 7913932 | 563029 | 541.34 | 12.84 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1103    |             |                    |                     |                     |                   |                    | 0.018              | 8.7      | 7913925 | 563036 | 541.42 | 12.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1105    |             |                    |                     |                     |                   |                    | 0.046              | 9.5      | 7913916 | 563044 | 540.79 | 12.29 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1107    |             |                    |                     |                     |                   |                    | 0.2                | 9        | 7913910 | 563049 | 540.6  | 12.1  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1109    |             |                    |                     |                     |                   |                    | 0.004              | 9        | 7913901 | 563056 | 540.46 | 11.96 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1111    |             |                    |                     |                     |                   |                    | 0.037              | 9.4      | 7913893 | 563062 | 540.27 | 11.77 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1113    |             |                    |                     |                     |                   |                    | 0.007              | 8.9      | 7913885 | 563068 | 540.68 | 12.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1115    |             |                    |                     |                     |                   |                    | 0.009              | 9.2      | 7913878 | 563074 | 540.67 | 12.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1117    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913870 | 563081 | 540.21 | 11.71 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1119    |             |                    |                     |                     |                   |                    | 0.009              | 9.1      | 7913862 | 563087 | 539.83 | 11.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1121 D  |             |                    |                     |                     |                   |                    | 0.004              | 8.7      | 7913855 | 563093 | 539.69 | 11.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1123    |             |                    |                     |                     |                   |                    | 0.004              | 8.8      | 7913847 | 563099 | 539.77 | 11.27 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1125    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913839 | 563106 | 539.64 | 11.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1126    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913835 | 563109 | 539.99 | 11.49 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1200    |             |                    |                     |                     |                   |                    | 0.009              | 9.8      | 7913931 | 563025 | 541.35 | 12.85 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1202    |             |                    |                     |                     |                   |                    | 0.004              | 9.5      | 7913924 | 563031 | 541.28 | 12.78 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1204    |             |                    |                     |                     |                   |                    | 0.09               | 9.4      | 7913916 | 563037 | 541.01 | 12.51 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1206    |             |                    |                     |                     |                   |                    | 0.097              | 8.9      | 7913909 | 563044 | 540.54 | 12.04 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1208    |             |                    |                     |                     |                   |                    | 0.006              | 8.8      | 7913901 | 563050 | 540.72 | 12.22 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1210    |             |                    |                     |                     |                   |                    | 0.018              | 9.3      | 7913892 | 563057 | 540.12 | 11.62 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1212 D  |             |                    |                     |                     |                   |                    | 0.065              | 9.3      | 7913885 | 563063 | 540.51 | 12.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1214    |             |                    |                     |                     |                   |                    | 0.02               | 9.1      | 7913877 | 563069 | 540.76 | 12.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1216    |             |                    |                     |                     |                   |                    | 0.024              | 8.7      | 7913869 | 563076 | 540.05 | 11.55 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1218    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913861 | 563082 | 539.72 | 11.22 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1220    |             |                    |                     |                     |                   |                    | 0.03               | 9.2      | 7913853 | 563087 | 539.67 | 11.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1222    |             |                    |                     |                     |                   |                    | 0.014              | 9        | 7913846 | 563094 | 539.87 | 11.37 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1224    |             |                    |                     |                     |                   |                    | 0.004              | 8.8      | 7913837 | 563100 | 539.69 | 11.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1301    |             |                    |                     |                     |                   |                    | 0.019              | 9.4      | 7913922 | 563027 | 541.26 | 12.76 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1303    |             |                    |                     |                     |                   |                    | 0.003              | 9.4      | 7913914 | 563033 | 540.98 | 12.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1305    |             |                    |                     |                     |                   |                    | 0.003              | 9.6      | 7913907 | 563039 | 540.67 | 12.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1307    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913899 | 563046 | 540.51 | 12.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1309    |             |                    |                     |                     |                   |                    | 0.004              | 9.5      | 7913891 | 563052 | 540.2  | 11.7  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1311    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913883 | 563058 | 540.44 | 11.94 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1313    |             |                    |                     |                     |                   |                    | 0.012              | 9        | 7913876 | 563065 | 540.83 | 12.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1315    | 1           | 11                 | 10.6                | 0                   | 1.04              |                    | 0.342              | 8.4      | 7913868 | 563071 | 540.82 | 12.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1317    |             |                    |                     |                     |                   |                    | 0.003              | 8.4      | 7913860 | 563077 | 539.85 | 11.35 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1319    |             |                    |                     |                     |                   |                    | 0.018              | 8.9      | 7913852 | 563083 | 539.59 | 11.09 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1321    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913845 | 563089 | 539.7  | 11.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1323    |             |                    |                     |                     |                   |                    | 0.032              | 8.8      | 7913836 | 563096 | 539.63 | 11.13 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1325    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913829 | 563102 | 539.97 | 11.47 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1401    |             |                    |                     |                     |                   |                    | 0.006              | 9.6      | 7913922 | 563022 | 541.3  | 12.8  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1402    |             |                    |                     |                     |                   |                    | 0.063              | 9.6      | 7913918 | 563025 | 541.36 | 12.86 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1404    |             |                    |                     |                     |                   |                    | 0.004              | 9.2      | 7913910 | 563031 | 540.85 | 12.35 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 530   | N1_530_001 | 1406    |             |                    |                     |                     |                   |                    | 0.05               | 9.2      | 7913902 | 563037 | 540.53 | 12.03 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1408    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913894 | 563044 | 540.54 | 12.04 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1410    |             |                    |                     |                     |                   |                    | 0.024              | 9.4      | 7913886 | 563049 | 540.24 | 11.74 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1412    |             |                    |                     |                     |                   |                    | 0.055              | 9        | 7913879 | 563056 | 540.37 | 11.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1414    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913871 | 563062 | 540.9  | 12.4  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1416    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913863 | 563069 | 540.4  | 11.9  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1418    |             |                    |                     |                     |                   |                    | 0.008              | 8.9      | 7913855 | 563075 | 539.83 | 11.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1420    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913848 | 563081 | 539.67 | 11.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1422    |             |                    |                     |                     |                   |                    | 0.021              | 8.9      | 7913840 | 563087 | 539.75 | 11.25 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1424    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913831 | 563093 | 539.87 | 11.37 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1501    |             |                    |                     |                     |                   |                    | 0.062              | 9.8      | 7913916 | 563020 | 541.29 | 12.79 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1503    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913910 | 563025 | 541.24 | 12.74 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1505    |             |                    |                     |                     |                   |                    | 0.003              | 9.4      | 7913902 | 563031 | 540.74 | 12.24 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1507 D  |             |                    |                     |                     |                   |                    | 0.007              | 9.5      | 7913894 | 563039 | 540.82 | 12.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1509    |             |                    |                     |                     |                   |                    | 0.03               | 9.4      | 7913884 | 563044 | 540.3  | 11.8  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1511    |             |                    |                     |                     |                   |                    | 0.004              | 9.3      | 7913878 | 563051 | 540.43 | 11.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1513    |             |                    |                     |                     |                   |                    | 0.008              | 9.4      | 7913870 | 563058 | 540.65 | 12.15 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1515    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913862 | 563064 | 540.65 | 12.15 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1517    |             |                    |                     |                     |                   |                    | 0.003              | 9.5      | 7913855 | 563070 | 540.2  | 11.7  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1519    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913847 | 563076 | 539.83 | 11.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1521    |             |                    |                     |                     |                   |                    | 0.012              | 8.9      | 7913839 | 563082 | 539.58 | 11.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1523    |             |                    |                     |                     |                   |                    | 0.008              | 8.8      | 7913831 | 563089 | 539.84 | 11.34 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1525    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913823 | 563094 | 540.07 | 11.57 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1602    |             |                    |                     |                     |                   |                    | 0.007              | 9.5      | 7913913 | 563017 | 541.51 | 13.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1604    |             |                    |                     |                     |                   |                    | 0.024              | 9.2      | 7913905 | 563023 | 541.14 | 12.64 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1606    |             |                    |                     |                     |                   |                    | 0.006              | 9.5      | 7913897 | 563029 | 540.51 | 12.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1608    |             |                    |                     |                     |                   |                    | 0.022              | 9.6      | 7913889 | 563036 | 540.54 | 12.04 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1610    |             |                    |                     |                     |                   |                    | 0.023              | 9.7      | 7913880 | 563043 | 540.43 | 11.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1612    |             |                    |                     |                     |                   |                    | 0.067              | 9.5      | 7913873 | 563049 | 540.77 | 12.27 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1614 D  |             |                    |                     |                     |                   |                    | 0.003              | 9.6      | 7913866 | 563055 | 540.9  | 12.4  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1616    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913858 | 563061 | 540.7  | 12.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1618    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913850 | 563068 | 540.37 | 11.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1620    |             |                    |                     |                     |                   |                    | 0.058              | 9.2      | 7913842 | 563074 | 539.61 | 11.11 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1622    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913834 | 563080 | 539.58 | 11.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1624    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913827 | 563087 | 539.81 | 11.31 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1703    |             |                    |                     |                     |                   |                    | 0.01               | 9.4      | 7913904 | 563019 | 541.44 | 12.94 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1705    |             |                    |                     |                     |                   |                    | 0.011              | 9.5      | 7913897 | 563025 | 540.88 | 12.38 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1707    |             |                    |                     |                     |                   |                    | 0.016              | 9.4      | 7913888 | 563032 | 540.93 | 12.43 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1709    |             |                    |                     |                     |                   |                    | 0.042              | 9.6      | 7913879 | 563038 | 540.41 | 11.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1711    |             |                    |                     |                     |                   |                    | 0.027              | 9.4      | 7913872 | 563045 | 540.71 | 12.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1713    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913865 | 563050 | 540.81 | 12.31 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1715    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913856 | 563057 | 540.69 | 12.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1717    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913849 | 563063 | 540.1  | 11.6  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1719    |             |                    |                     |                     |                   |                    | 0.038              | 9.3      | 7913843 | 563070 | 539.76 | 11.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1721    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913833 | 563076 | 539.71 | 11.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1723    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913826 | 563081 | 540.09 | 11.59 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1725    |             |                    |                     |                     |                   |                    | 0.004              | 8.7      | 7913818 | 563088 | 540.1  | 11.6  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1803    |             |                    |                     |                     |                   |                    | 0.016              | 9.5      | 7913902 | 563013 | 541.5  | 13    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1804    |             |                    |                     |                     |                   |                    | 0.045              | 9.3      | 7913899 | 563016 | 541.13 | 12.63 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1806    |             |                    |                     |                     |                   |                    | 0.009              | 9.5      | 7913891 | 563023 | 540.71 | 12.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1808    |             |                    |                     |                     |                   |                    | 0.056              | 9.6      | 7913883 | 563029 | 540.72 | 12.22 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1810    |             |                    |                     |                     |                   |                    | 0.04               | 8.9      | 7913874 | 563035 | 540.58 | 12.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1812    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913867 | 563042 | 540.82 | 12.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1814    |             |                    |                     |                     |                   |                    | 0.02               | 9.2      | 7913860 | 563048 | 540.97 | 12.47 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1816    |             |                    |                     |                     |                   |                    | 0.011              | 9.2      | 7913852 | 563054 | 540.71 | 12.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1818    |             |                    |                     |                     |                   |                    | 0.003              | 9.5      | 7913845 | 563061 | 540.31 | 11.81 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 530   | N1_530_001 | 1820    |             |                    |                     |                     |                   |                    | 0.055              | 9        | 7913837 | 563067 | 540.22 | 11.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1822    |             |                    |                     |                     |                   |                    | 0.005              | 8.6      | 7913829 | 563073 | 540.11 | 11.61 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1824    |             |                    |                     |                     |                   |                    | 0.034              | 8.9      | 7913821 | 563079 | 539.98 | 11.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1903    |             |                    |                     |                     |                   |                    | 0.015              | 9.1      | 7913897 | 563013 | 541.26 | 12.76 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1905 D  |             |                    |                     |                     |                   |                    | 0.016              | 9.3      | 7913891 | 563018 | 540.95 | 12.45 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1907    |             |                    |                     |                     |                   |                    | 0.018              | 9.1      | 7913882 | 563024 | 540.9  | 12.4  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1909    |             |                    |                     |                     |                   |                    | 0.008              | 9.1      | 7913874 | 563031 | 540.66 | 12.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1911    |             |                    |                     |                     |                   |                    | 0.008              | 8.8      | 7913867 | 563037 | 540.58 | 12.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1913    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913859 | 563043 | 540.66 | 12.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1915    |             |                    |                     |                     |                   |                    | 0.018              | 9.1      | 7913852 | 563050 | 540.77 | 12.27 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1917 D  |             |                    |                     |                     |                   |                    | 0.01               | 9.4      | 7913844 | 563056 | 540.31 | 11.81 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1919    |             |                    |                     |                     |                   |                    | 0.006              | 9        | 7913836 | 563062 | 540.07 | 11.57 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1921    |             |                    |                     |                     |                   |                    | 0.008              | 9.2      | 7913828 | 563068 | 540.22 | 11.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1923    |             |                    |                     |                     |                   |                    | 0.046              | 9.3      | 7913820 | 563075 | 539.97 | 11.47 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 1925    |             |                    |                     |                     |                   |                    | 0.007              | 8.8      | 7913812 | 563081 | 539.59 | 11.09 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2004    |             |                    |                     |                     |                   |                    | 0.036              | 9.3      | 7913893 | 563011 | 541.15 | 12.65 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2006    |             |                    |                     |                     |                   |                    | 0.048              | 9.1      | 7913885 | 563016 | 541.04 | 12.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2008 D  |             |                    |                     |                     |                   |                    | 0.007              | 9.4      | 7913877 | 563022 | 540.62 | 12.12 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2010    |             |                    |                     |                     |                   |                    | 0.007              | 9.3      | 7913870 | 563028 | 540.31 | 11.81 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2012    |             |                    |                     |                     |                   |                    | 0.021              | 9.4      | 7913862 | 563035 | 540.42 | 11.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2014    |             |                    |                     |                     |                   |                    | 0.007              | 9.2      | 7913854 | 563041 | 540.43 | 11.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2016    |             |                    |                     |                     |                   |                    | 0.119              | 9.4      | 7913846 | 563047 | 540.64 | 12.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2018    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913838 | 563054 | 540.71 | 12.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2020    |             |                    |                     |                     |                   |                    | 0.034              | 9        | 7913831 | 563059 | 539.79 | 11.29 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2022    |             |                    |                     |                     |                   |                    | 0.039              | 9.3      | 7913824 | 563066 | 539.98 | 11.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2024    |             |                    |                     |                     |                   |                    | 0.03               | 8.7      | 7913815 | 563073 | 539.72 | 11.22 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2105    |             |                    |                     |                     |                   |                    | 0.026              | 9.6      | 7913885 | 563012 | 541.12 | 12.62 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2107    |             |                    |                     |                     |                   |                    | 0.025              | 9.4      | 7913876 | 563018 | 540.5  | 12    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2109    |             |                    |                     |                     |                   |                    | 0.017              | 9.3      | 7913869 | 563023 | 540.15 | 11.65 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2111    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913861 | 563030 | 540.19 | 11.69 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2113    |             |                    |                     |                     |                   |                    | 0.031              | 8.9      | 7913853 | 563036 | 540.28 | 11.78 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2115    |             |                    |                     |                     |                   |                    | 0.04               | 9        | 7913845 | 563043 | 540.4  | 11.9  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2117    |             |                    |                     |                     |                   |                    | 0.009              | 9        | 7913838 | 563049 | 540.63 | 12.13 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2119    | 1           | 20                 | 18.4                | 2                   | 1.08              |                    | 0.587              | 8.7      | 7913830 | 563055 | 539.91 | 11.41 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2121    |             |                    |                     |                     |                   |                    | 0.056              | 9.2      | 7913822 | 563061 | 539.92 | 11.42 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2123    |             |                    |                     |                     |                   |                    | 0.082              | 8.7      | 7913815 | 563068 | 539.99 | 11.49 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2125    |             |                    |                     |                     |                   |                    | 0.011              | 8.8      | 7913807 | 563073 | 539.46 | 10.96 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2205    |             |                    |                     |                     |                   |                    | 0.016              | 9.3      | 7913883 | 563007 | 541.19 | 12.69 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2206    |             |                    |                     |                     |                   |                    | 0.013              | 9.5      | 7913880 | 563009 | 541.07 | 12.57 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2208    |             |                    |                     |                     |                   |                    | 0.046              | 9.2      | 7913873 | 563016 | 540.59 | 12.09 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2210    |             |                    |                     |                     |                   |                    | 0.01               | 8.8      | 7913864 | 563021 | 539.93 | 11.43 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2212    |             |                    |                     |                     |                   |                    | 0.004              | 8.9      | 7913856 | 563028 | 540.12 | 11.62 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2214    |             |                    |                     |                     |                   |                    | 0.099              | 8.9      | 7913848 | 563034 | 540.19 | 11.69 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2216    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913841 | 563040 | 540.05 | 11.55 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2218    |             |                    |                     |                     |                   |                    | 0.074              | 9        | 7913833 | 563047 | 540.44 | 11.94 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2220    |             |                    |                     |                     |                   |                    | 0.008              | 9.4      | 7913825 | 563053 | 539.93 | 11.43 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2222    |             |                    |                     |                     |                   |                    | 0.03               | 9        | 7913818 | 563060 | 539.52 | 11.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2224    |             |                    |                     |                     |                   |                    | 0.045              | 8.9      | 7913810 | 563066 | 539.5  | 11    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2305    |             |                    |                     |                     |                   |                    | 0.014              | 9.1      | 7913879 | 563005 | 541.27 | 12.77 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2307    |             |                    |                     |                     |                   |                    | 0.044              | 9.2      | 7913871 | 563011 | 540.58 | 12.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2309    |             |                    |                     |                     |                   |                    | 0.006              | 8.7      | 7913862 | 563017 | 540.2  | 11.7  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2311    |             |                    |                     |                     |                   |                    | 0.021              | 9        | 7913856 | 563023 | 539.79 | 11.29 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2313    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913848 | 563030 | 539.93 | 11.43 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2315    |             |                    |                     |                     |                   |                    | 0.007              | 9        | 7913839 | 563036 | 539.83 | 11.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2317    |             |                    |                     |                     |                   |                    | 0.013              | 9.4      | 7913832 | 563042 | 539.83 | 11.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2319    |             |                    |                     |                     |                   |                    | 0.022              | 9.4      | 7913824 | 563048 | 540.18 | 11.68 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 530   | N1_530_001 | 2321    |             |                    |                     |                     |                   |                    | 0.01               | 9.2      | 7913816 | 563054 | 539.66 | 11.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2323    |             |                    |                     |                     |                   |                    | 0.029              | 9.1      | 7913809 | 563061 | 539.5  | 11    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2325    |             |                    |                     |                     |                   |                    | 0.012              | 8.8      | 7913801 | 563066 | 538.99 | 10.49 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2406 D  |             |                    |                     |                     |                   |                    | 0.028              | 8.8      | 7913874 | 563003 | 541.18 | 12.68 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2408    |             |                    |                     |                     |                   |                    | 0.005              | 9.2      | 7913866 | 563009 | 540.31 | 11.81 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2410    |             |                    |                     |                     |                   |                    | 0.024              | 9.1      | 7913859 | 563015 | 539.94 | 11.44 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2412    |             |                    |                     |                     |                   |                    | 0.008              | 9.1      | 7913851 | 563021 | 539.73 | 11.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2414    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913843 | 563028 | 539.63 | 11.13 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2416    |             |                    |                     |                     |                   |                    | 0.009              | 9.4      | 7913836 | 563033 | 539.65 | 11.15 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2418    |             |                    |                     |                     |                   |                    | 0.018              | 9.4      | 7913827 | 563040 | 539.4  | 10.9  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2420    |             |                    |                     |                     |                   |                    | 0.052              | 9.6      | 7913819 | 563046 | 539.89 | 11.39 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2422    |             |                    |                     |                     |                   |                    | 0.027              | 9.1      | 7913812 | 563053 | 539.49 | 10.99 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2424    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913804 | 563059 | 539.52 | 11.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2507    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913865 | 563004 | 540.67 | 12.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2509    |             |                    |                     |                     |                   |                    | 0.018              | 9.2      | 7913857 | 563010 | 539.89 | 11.39 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2511    |             |                    |                     |                     |                   |                    | 0.031              | 9.4      | 7913850 | 563016 | 539.92 | 11.42 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2513    |             |                    |                     |                     |                   |                    | 0.01               | 9.1      | 7913842 | 563022 | 539.67 | 11.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2515    |             |                    |                     |                     |                   |                    | 0.009              | 9        | 7913834 | 563029 | 539.91 | 11.41 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2517    |             |                    |                     |                     |                   |                    | 0.004              | 9.2      | 7913826 | 563034 | 539.63 | 11.13 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2519    |             |                    |                     |                     |                   |                    | 0.009              | 9.2      | 7913819 | 563041 | 539.94 | 11.44 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2521    |             |                    |                     |                     |                   |                    | 0.004              | 9.2      | 7913810 | 563047 | 539.62 | 11.12 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2523    |             |                    |                     |                     |                   |                    | 0.016              | 9        | 7913803 | 563055 | 539.44 | 10.94 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_001 | 2525    |             |                    |                     |                     |                   |                    | 0.009              | 8.8      | 7913795 | 563060 | 539.66 | 11.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1200    |             |                    |                     |                     |                   |                    | 0.022              | 9.2      | 7913862 | 562997 | 540.3  | 11.8  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1202    |             |                    |                     |                     |                   |                    | 0.05               | 9.6      | 7913854 | 563003 | 539.8  | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1204    |             |                    |                     |                     |                   |                    | 0.065              | 9.9      | 7913847 | 563010 | 539.73 | 11.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1206    |             |                    |                     |                     |                   |                    | 0.022              | 9.5      | 7913839 | 563016 | 539.36 | 10.86 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1208    |             |                    |                     |                     |                   |                    | 0.007              | 9        | 7913831 | 563022 | 539.8  | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1210    |             |                    |                     |                     |                   |                    | 0.012              | 9.4      | 7913824 | 563029 | 540.1  | 11.6  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1212    |             |                    |                     |                     |                   |                    | 0.033              | 8.7      | 7913815 | 563036 | 539.92 | 11.42 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1214    |             |                    |                     |                     |                   |                    | 0.03               | 8.9      | 7913807 | 563041 | 539.4  | 10.9  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1216    |             |                    |                     |                     |                   |                    | 0.019              | 9.1      | 7913799 | 563047 | 539.78 | 11.28 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1218    |             |                    |                     |                     |                   |                    | 0.028              | 9.3      | 7913792 | 563054 | 539.7  | 11.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1220    |             |                    |                     |                     |                   |                    | 0.079              | 8.3      | 7913785 | 563060 | 540.02 | 11.52 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1222    |             |                    |                     |                     |                   |                    | 0.026              | 8.9      | 7913777 | 563066 | 539.56 | 11.06 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1301    |             |                    |                     |                     |                   |                    | 0.008              | 9.4      | 7913854 | 562999 | 539.74 | 11.24 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1303    |             |                    |                     |                     |                   |                    | 0.096              | 10       | 7913846 | 563005 | 539.65 | 11.15 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1305    |             |                    |                     |                     |                   |                    | 0.012              | 9.7      | 7913839 | 563011 | 539.4  | 10.9  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1307    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913830 | 563019 | 539.48 | 10.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1309    |             |                    |                     |                     |                   |                    | 0.011              | 9        | 7913823 | 563024 | 539.98 | 11.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1311    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913816 | 563030 | 539.84 | 11.34 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1313    |             |                    |                     |                     |                   |                    | 0.006              | 9        | 7913807 | 563036 | 539.1  | 10.6  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1315    |             |                    |                     |                     |                   |                    | 0.104              | 8.8      | 7913799 | 563042 | 539.54 | 11.04 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1317    |             |                    |                     |                     |                   |                    | 0.028              | 8.9      | 7913792 | 563049 | 539.59 | 11.09 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1319 D  |             |                    |                     |                     |                   |                    | 0.056              | 8.6      | 7913784 | 563055 | 539.52 | 11.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1321    |             |                    |                     |                     |                   |                    | 0.04               | 8.7      | 7913777 | 563061 | 539.45 | 10.95 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1400    |             |                    |                     |                     |                   |                    | 0.018              | 8.9      | 7913853 | 562994 | 539.82 | 11.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1402    |             |                    |                     |                     |                   |                    | 0.012              | 8.9      | 7913846 | 563000 | 539.74 | 11.24 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1404    |             |                    |                     |                     |                   |                    | 0.005              | 9.1      | 7913838 | 563007 | 539.77 | 11.27 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1406    |             |                    |                     |                     |                   |                    | 0.004              | 9        | 7913830 | 563013 | 539.49 | 10.99 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1408    |             |                    |                     |                     |                   |                    | 0.011              | 8.9      | 7913823 | 563018 | 540.2  | 11.7  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1410    |             |                    |                     |                     |                   |                    | 0.116              | 9.2      | 7913815 | 563025 | 539.74 | 11.24 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1412    |             |                    |                     |                     |                   |                    | 0.007              | 9.1      | 7913807 | 563032 | 539.41 | 10.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1414 D  |             |                    |                     |                     |                   |                    | 0.007              | 9        | 7913799 | 563038 | 539.28 | 10.78 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1416    |             |                    |                     |                     |                   |                    | 0.013              | 8.9      | 7913791 | 563044 | 539.34 | 10.84 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1418    |             |                    |                     |                     |                   |                    | 0.004              | 8.8      | 7913783 | 563050 | 539.58 | 11.08 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 530   | N1_530_003 | 1420    |             |                    |                     |                     |                   |                    | 0.008              | 8.7      | 7913775 | 563056 | 539.84 | 11.34 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1422    |             |                    |                     |                     |                   |                    | 0.013              | 8.4      | 7913768 | 563063 | 539.62 | 11.12 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1501    |             |                    |                     |                     |                   |                    | 0.009              | 9.2      | 7913845 | 562995 | 539.91 | 11.41 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1503    |             |                    |                     |                     |                   |                    | 0.126              | 8.5      | 7913837 | 563001 | 539.93 | 11.43 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1505    |             |                    |                     |                     |                   |                    | 0.005              | 9.1      | 7913829 | 563007 | 539.68 | 11.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1507    |             |                    |                     |                     |                   |                    | 0.008              | 9.1      | 7913821 | 563014 | 539.88 | 11.38 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1509    |             |                    |                     |                     |                   |                    | 0.004              | 8.9      | 7913814 | 563020 | 540.06 | 11.56 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1511    | 1           | 12                 | 8.1                 | 4                   | 1.48              |                    | 0.257              | 8.8      | 7913806 | 563026 | 539.64 | 11.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1513    |             |                    |                     |                     |                   |                    | 0.004              | 9.3      | 7913799 | 563031 | 539.52 | 11.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1515    |             |                    |                     |                     |                   |                    | 0.03               | 8.7      | 7913791 | 563038 | 539.74 | 11.24 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1517    |             |                    |                     |                     |                   |                    | 0.022              | 9.1      | 7913782 | 563045 | 539.68 | 11.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1519    |             |                    |                     |                     |                   |                    | 0.038              | 8.7      | 7913775 | 563051 | 539.81 | 11.31 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1521    |             |                    |                     |                     |                   |                    | 0.027              | 8.7      | 7913767 | 563058 | 539.92 | 11.42 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1600    |             |                    |                     |                     |                   |                    | 0.014              | 8.8      | 7913844 | 562990 | 539.76 | 11.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1602    |             |                    |                     |                     |                   |                    | 0.008              | 9.1      | 7913836 | 562996 | 539.73 | 11.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1604    |             |                    |                     |                     |                   |                    | 0.004              | 8.9      | 7913829 | 563003 | 539.91 | 11.41 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1606    |             |                    |                     |                     |                   |                    | 0.018              | 9.4      | 7913821 | 563009 | 540.13 | 11.63 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1608    |             |                    |                     |                     |                   |                    | 0.028              | 8.9      | 7913813 | 563015 | 540.1  | 11.6  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1610    |             |                    |                     |                     |                   |                    | 0.095              | 9.2      | 7913805 | 563021 | 539.76 | 11.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1612    |             |                    |                     |                     |                   |                    | 0.01               | 9.1      | 7913797 | 563028 | 539.31 | 10.81 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1614    |             |                    |                     |                     |                   |                    | 0.01               | 8.9      | 7913790 | 563033 | 539.59 | 11.09 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1616    |             |                    |                     |                     |                   |                    | 0.043              | 9.2      | 7913782 | 563040 | 539.96 | 11.46 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1618    |             |                    |                     |                     |                   |                    | 0.009              | 8.8      | 7913774 | 563046 | 539.87 | 11.37 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1620    |             |                    |                     |                     |                   |                    | 0.016              | 9        | 7913766 | 563053 | 539.86 | 11.36 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1701    |             |                    |                     |                     |                   |                    | 0.008              | 8.8      | 7913835 | 562991 | 539.54 | 11.04 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1703    |             |                    |                     |                     |                   |                    | 0.012              | 8.7      | 7913827 | 562997 | 539.79 | 11.29 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1705 D  |             |                    |                     |                     |                   |                    | 0.012              | 8.9      | 7913820 | 563003 | 539.91 | 11.41 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1707    |             |                    |                     |                     |                   |                    | 0.015              | 8.9      | 7913812 | 563010 | 540.51 | 12.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1709    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913804 | 563016 | 539.99 | 11.49 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1711    |             |                    |                     |                     |                   |                    | 0.077              | 9        | 7913796 | 563022 | 539.57 | 11.07 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1713    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913789 | 563028 | 539.7  | 11.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1715    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913781 | 563035 | 539.89 | 11.39 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1717    |             |                    |                     |                     |                   |                    | 0.009              | 8.9      | 7913773 | 563041 | 539.61 | 11.11 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1719    |             |                    |                     |                     |                   |                    | 0.016              | 9.1      | 7913765 | 563047 | 539.85 | 11.35 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1800    |             |                    |                     |                     |                   |                    | 0.039              | 9        | 7913834 | 562986 | 539.41 | 10.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1802    |             |                    |                     |                     |                   |                    | 0.034              | 9.1      | 7913826 | 562992 | 539.85 | 11.35 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1804    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913819 | 562999 | 540.02 | 11.52 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1806    |             |                    |                     |                     |                   |                    | 0.009              | 9.2      | 7913811 | 563005 | 540.27 | 11.77 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1808    |             |                    |                     |                     |                   |                    | 0.039              | 9        | 7913803 | 563011 | 540.13 | 11.63 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1810    |             |                    |                     |                     |                   |                    | 0.005              | 9.2      | 7913795 | 563018 | 539.41 | 10.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1812    |             |                    |                     |                     |                   |                    | 0.006              | 8.9      | 7913788 | 563024 | 539.66 | 11.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1814    |             |                    |                     |                     |                   |                    | 0.021              | 9.1      | 7913780 | 563030 | 540    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1816    |             |                    |                     |                     |                   |                    | 0.021              | 9.1      | 7913773 | 563037 | 539.85 | 11.35 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1818    |             |                    |                     |                     |                   |                    | 0.007              | 9.2      | 7913764 | 563042 | 539.9  | 11.4  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1901    |             |                    |                     |                     |                   |                    | 0.009              | 9        | 7913826 | 562987 | 539.61 | 11.11 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1903    |             |                    |                     |                     |                   |                    | 0.014              | 9.1      | 7913818 | 562993 | 539.97 | 11.47 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1905    |             |                    |                     |                     |                   |                    | 0.01               | 9.4      | 7913811 | 563000 | 540.21 | 11.71 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1907    |             |                    |                     |                     |                   |                    | 0.01               | 9        | 7913802 | 563006 | 540.48 | 11.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1909    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913795 | 563012 | 539.68 | 11.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1911    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913787 | 563018 | 539.72 | 11.22 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1913    |             |                    |                     |                     |                   |                    | 0.004              | 8.8      | 7913779 | 563025 | 539.66 | 11.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1915    |             |                    |                     |                     |                   |                    | 0.094              | 9        | 7913771 | 563030 | 539.84 | 11.34 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1917    |             |                    |                     |                     |                   |                    | 0.009              | 9.2      | 7913764 | 563037 | 540.12 | 11.62 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2000    |             |                    |                     |                     |                   |                    | 0.018              | 9.2      | 7913825 | 562982 | 539.33 | 10.83 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2002    |             |                    |                     |                     |                   |                    | 0.011              | 9.3      | 7913817 | 562988 | 539.73 | 11.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2004    |             |                    |                     |                     |                   |                    | 0.01               | 9.5      | 7913809 | 562995 | 540.06 | 11.56 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 530   | N1_530_003 | 2006    |             |                    |                     |                     |                   |                    | 0.022              | 9.1      | 7913801 | 563001 | 540.42 | 11.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2008    |             |                    |                     |                     |                   |                    | 0.045              | 8.9      | 7913794 | 563007 | 539.92 | 11.42 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2010    |             |                    |                     |                     |                   |                    | 0.009              | 9.1      | 7913786 | 563014 | 539.65 | 11.15 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2012    |             |                    |                     |                     |                   |                    | 0.03               | 8.9      | 7913778 | 563020 | 539.57 | 11.07 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2014    |             |                    |                     |                     |                   |                    | 0.008              | 8.8      | 7913770 | 563026 | 539.8  | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2016    |             |                    |                     |                     |                   |                    | 0.007              | 8.9      | 7913763 | 563032 | 539.97 | 11.47 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2101 D  |             |                    |                     |                     |                   |                    | 0.049              | 8.9      | 7913816 | 562983 | 539.74 | 11.24 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2103    |             |                    |                     |                     |                   |                    | 0.017              | 9.1      | 7913808 | 562990 | 540.11 | 11.61 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2105    |             |                    |                     |                     |                   |                    | 0.033              | 9.4      | 7913800 | 562995 | 540.68 | 12.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2107    |             |                    |                     |                     |                   |                    | 0.014              | 9.2      | 7913793 | 563002 | 540.27 | 11.77 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2109    |             |                    |                     |                     |                   |                    | 0.034              | 9.2      | 7913785 | 563008 | 539.67 | 11.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2111    |             |                    |                     |                     |                   |                    | 0.016              | 9.1      | 7913777 | 563014 | 539.84 | 11.34 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2113    |             |                    |                     |                     |                   |                    | 0.014              | 9.2      | 7913769 | 563021 | 539.5  | 11    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2115    |             |                    |                     |                     |                   |                    | 0.014              | 9.1      | 7913762 | 563027 | 539.98 | 11.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2200    |             |                    |                     |                     |                   |                    | 0.047              | 8.9      | 7913815 | 562978 | 539.71 | 11.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2202    |             |                    |                     |                     |                   |                    | 0.078              | 8.7      | 7913808 | 562984 | 540.15 | 11.65 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2204    |             |                    |                     |                     |                   |                    | 0.054              | 9        | 7913800 | 562991 | 540.67 | 12.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2206    |             |                    |                     |                     |                   |                    | 0.017              | 9        | 7913792 | 562997 | 540.56 | 12.06 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2208    |             |                    |                     |                     |                   |                    | 0.047              | 9.3      | 7913784 | 563003 | 539.76 | 11.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2210    |             |                    |                     |                     |                   |                    | 0.02               | 8.9      | 7913776 | 563010 | 539.76 | 11.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2212    |             |                    |                     |                     |                   |                    | 0.011              | 9.6      | 7913769 | 563016 | 539.49 | 10.99 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2214    |             |                    |                     |                     |                   |                    | 0.01               | 9.3      | 7913761 | 563022 | 539.79 | 11.29 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2301    |             |                    |                     |                     |                   |                    | 0.019              | 9.6      | 7913807 | 562979 | 540.04 | 11.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2303    |             |                    |                     |                     |                   |                    | 0.009              | 9.6      | 7913799 | 562986 | 540.62 | 12.12 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2305    |             |                    |                     |                     |                   |                    | 0.006              | 9        | 7913791 | 562992 | 540.69 | 12.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2307    |             |                    |                     |                     |                   |                    | 0.008              | 8.8      | 7913783 | 562998 | 539.98 | 11.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2309    |             |                    |                     |                     |                   |                    | 0.006              | 9.1      | 7913775 | 563005 | 539.76 | 11.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2311    |             |                    |                     |                     |                   |                    | 0.007              | 9.3      | 7913767 | 563011 | 539.42 | 10.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2313    |             |                    |                     |                     |                   |                    | 0.004              | 8.9      | 7913760 | 563017 | 539.63 | 11.13 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2400    |             |                    |                     |                     |                   |                    | 0.032              | 9.2      | 7913806 | 562974 | 540.11 | 11.61 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2402    |             |                    |                     |                     |                   |                    | 0.008              | 9.1      | 7913798 | 562980 | 540.5  | 12    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2404    |             |                    |                     |                     |                   |                    | 0.006              | 9        | 7913790 | 562987 | 540.38 | 11.88 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2406    |             |                    |                     |                     |                   |                    | 0.056              | 8.9      | 7913783 | 562993 | 540.15 | 11.65 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2408    |             |                    |                     |                     |                   |                    | 0.032              | 9.3      | 7913775 | 562999 | 540.26 | 11.76 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2410    |             |                    |                     |                     |                   |                    | 0.02               | 9.3      | 7913767 | 563006 | 539.35 | 10.85 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2412    |             |                    |                     |                     |                   |                    | 0.023              | 9.2      | 7913759 | 563012 | 539.49 | 10.99 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2501    |             |                    |                     |                     |                   |                    | 0.082              | 9.2      | 7913797 | 562976 | 540.14 | 11.64 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2503    |             |                    |                     |                     |                   |                    | 0.005              | 9.1      | 7913789 | 562982 | 540.14 | 11.64 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2505    |             |                    |                     |                     |                   |                    | 0.016              | 8.8      | 7913782 | 562989 | 540.23 | 11.73 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2507    |             |                    |                     |                     |                   |                    | 0.022              | 9.2      | 7913774 | 562995 | 540.24 | 11.74 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2509    |             |                    |                     |                     |                   |                    | 0.02               | 9.4      | 7913766 | 563001 | 540.04 | 11.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2511    |             |                    |                     |                     |                   |                    | 0.039              | 9.1      | 7913758 | 563007 | 539.59 | 11.09 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2512    |             |                    |                     |                     |                   |                    | 0.016              | 9.3      | 7913756 | 563009 | 539.58 | 11.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2600    |             |                    |                     |                     |                   |                    | 0.008              | 9.4      | 7913796 | 562970 | 540.19 | 11.69 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2602    |             |                    |                     |                     |                   |                    | 0.091              | 9.1      | 7913789 | 562977 | 540.4  | 11.9  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2604    |             |                    |                     |                     |                   |                    | 0.024              | 9.4      | 7913780 | 562983 | 540.51 | 12.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2606    |             |                    |                     |                     |                   |                    | 0.004              | 9.4      | 7913773 | 562989 | 539.95 | 11.45 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2608    |             |                    |                     |                     |                   |                    | 0.008              | 9.5      | 7913765 | 562996 | 540.06 | 11.56 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2610    |             |                    |                     |                     |                   |                    | 0.031              | 9.1      | 7913758 | 563002 | 539.89 | 11.39 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2701    |             |                    |                     |                     |                   |                    | 0.088              | 8.9      | 7913788 | 562972 | 540.41 | 11.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2703    | 1           | 15                 | 10.9                | 4                   | 1.37              |                    | 0.35               | 8.9      | 7913780 | 562978 | 540.17 | 11.67 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2705    |             |                    |                     |                     |                   |                    | 0.009              | 9.1      | 7913772 | 562984 | 540.53 | 12.03 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2707    |             |                    |                     |                     |                   |                    | 0.033              | 9.3      | 7913764 | 562991 | 540.25 | 11.75 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2709    |             |                    |                     |                     |                   |                    | 0.035              | 9.4      | 7913757 | 562997 | 540.21 | 11.71 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2710    |             |                    |                     |                     |                   |                    | 0.07               | 9.1      | 7913753 | 563000 | 540.04 | 11.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2800    |             |                    |                     |                     |                   |                    | 0.128              | 8.9      | 7913787 | 562966 | 540.17 | 11.67 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 530   | N1_530_003 | 2802    |             |                    |                     |                     |                   |                    | 0.015              | 8.9      | 7913779 | 562973 | 540.47 | 11.97 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2804    |             |                    |                     |                     |                   |                    | 0.022              | 9        | 7913771 | 562979 | 540.15 | 11.65 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2806    |             |                    |                     |                     |                   |                    | 0.046              | 9.2      | 7913763 | 562985 | 540.25 | 11.75 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2808    |             |                    |                     |                     |                   |                    | 0.032              | 9.3      | 7913755 | 562992 | 540.21 | 11.71 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2901    |             |                    |                     |                     |                   |                    | 0.011              | 9.3      | 7913778 | 562968 | 540.32 | 11.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2903    |             |                    |                     |                     |                   |                    | 0.003              | 9.7      | 7913770 | 562974 | 540.09 | 11.59 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2905    |             |                    |                     |                     |                   |                    | 0.082              | 9.3      | 7913762 | 562980 | 540.32 | 11.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2907    |             |                    |                     |                     |                   |                    | 0.102              | 9.6      | 7913755 | 562987 | 540.15 | 11.65 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 2908    |             |                    |                     |                     |                   |                    | 0.045              | 9.5      | 7913752 | 562989 | 540.23 | 11.73 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3000    |             |                    |                     |                     |                   |                    | 0.049              | 9.6      | 7913778 | 562962 | 539.84 | 11.34 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3002    |             |                    |                     |                     |                   |                    | 0.003              | 9.7      | 7913769 | 562969 | 540.63 | 12.13 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3004    |             |                    |                     |                     |                   |                    | 0.004              | 9.3      | 7913761 | 562975 | 540.65 | 12.15 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3006    |             |                    |                     |                     |                   |                    | 0.06               | 9.4      | 7913754 | 562982 | 540.35 | 11.85 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3007    |             |                    |                     |                     |                   |                    | 0.045              | 9.2      | 7913751 | 562985 | 540.27 | 11.77 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3101    |             |                    |                     |                     |                   |                    | 0.014              | 9.7      | 7913768 | 562965 | 540.26 | 11.76 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3103    |             |                    |                     |                     |                   |                    | 0.012              | 9.3      | 7913760 | 562971 | 540.62 | 12.12 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3105    |             |                    |                     |                     |                   |                    | 0.016              | 9.5      | 7913753 | 562977 | 540.89 | 12.39 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3200    |             |                    |                     |                     |                   |                    | 0.003              | 9.9      | 7913768 | 562959 | 540.3  | 11.8  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3202    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913760 | 562965 | 540.49 | 11.99 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3301    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913759 | 562960 | 540.5  | 12    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3303    |             |                    |                     |                     |                   |                    | 0.003              | 9.6      | 7913752 | 562967 | 541.1  | 12.6  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3400    |             |                    |                     |                     |                   |                    | 0.016              | 9.8      | 7913758 | 562955 | 540.24 | 11.74 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3402    |             |                    |                     |                     |                   |                    | 0.003              | 9.5      | 7913752 | 562961 | 540.57 | 12.07 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3601    |             |                    |                     |                     |                   |                    | 0.005              | 9.5      | 7913862 | 562992 | 540.57 | 12.07 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3603    |             |                    |                     |                     |                   |                    | 0.012              | 9.7      | 7913852 | 562989 | 540.57 | 12.07 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3605    |             |                    |                     |                     |                   |                    | 0.04               | 9.3      | 7913843 | 562985 | 539.84 | 11.34 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3607    |             |                    |                     |                     |                   |                    | 0.082              | 9.4      | 7913833 | 562981 | 539.48 | 10.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3609    |             |                    |                     |                     |                   |                    | 0.064              | 9        | 7913824 | 562977 | 539.36 | 10.86 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3611    |             |                    |                     |                     |                   |                    | 0.021              | 9.3      | 7913815 | 562973 | 539.67 | 11.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3613    |             |                    |                     |                     |                   |                    | 0.108              | 9        | 7913805 | 562969 | 540.09 | 11.59 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3615    |             |                    |                     |                     |                   |                    | 0.036              | 9.1      | 7913795 | 562966 | 540.34 | 11.84 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3617    |             |                    |                     |                     |                   |                    | 0.024              | 9.1      | 7913786 | 562962 | 540.2  | 11.7  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3619    |             |                    |                     |                     |                   |                    | 0.039              | 9.7      | 7913776 | 562958 | 539.92 | 11.42 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3621    |             |                    |                     |                     |                   |                    | 0.004              | 9.6      | 7913767 | 562954 | 540.33 | 11.83 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3623    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913758 | 562950 | 540.06 | 11.56 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3624    |             |                    |                     |                     |                   |                    | 0.008              | 8.8      | 7913753 | 562948 | 540.08 | 11.58 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3702    |             |                    |                     |                     |                   |                    | 0.005              | 9.4      | 7913861 | 562987 | 540.65 | 12.15 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3704    |             |                    |                     |                     |                   |                    | 0.004              | 9.3      | 7913852 | 562984 | 540.31 | 11.81 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3706    |             |                    |                     |                     |                   |                    | 0.014              | 9.4      | 7913842 | 562980 | 539.54 | 11.04 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3708    |             |                    |                     |                     |                   |                    | 0.062              | 9        | 7913833 | 562976 | 539.51 | 11.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3710    |             |                    |                     |                     |                   |                    | 0.032              | 9.4      | 7913823 | 562972 | 539.27 | 10.77 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3712    |             |                    |                     |                     |                   |                    | 0.016              | 9.3      | 7913814 | 562968 | 539.67 | 11.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3714    |             |                    |                     |                     |                   |                    | 0.068              | 9.5      | 7913804 | 562963 | 540.01 | 11.51 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3716    |             |                    |                     |                     |                   |                    | 0.15               | 9.2      | 7913795 | 562960 | 540.1  | 11.6  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3718    |             |                    |                     |                     |                   |                    | 0.106              | 9.3      | 7913785 | 562956 | 539.67 | 11.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3720    |             |                    |                     |                     |                   |                    | 0.008              | 9.4      | 7913776 | 562953 | 539.87 | 11.37 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3722    |             |                    |                     |                     |                   |                    | 0.003              | 9.7      | 7913766 | 562949 | 540.05 | 11.55 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3724    |             |                    |                     |                     |                   |                    | 0.004              | 9.2      | 7913756 | 562945 | 540.09 | 11.59 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3802    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913865 | 562984 | 541.17 | 12.67 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3803    |             |                    |                     |                     |                   |                    | 0.005              | 9.3      | 7913860 | 562983 | 540.69 | 12.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3805    |             |                    |                     |                     |                   |                    | 0.004              | 9.1      | 7913851 | 562979 | 540    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3807    |             |                    |                     |                     |                   |                    | 0.026              | 9.1      | 7913841 | 562975 | 539.43 | 10.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3809    |             |                    |                     |                     |                   |                    | 0.058              | 9        | 7913832 | 562971 | 539.22 | 10.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3811    |             |                    |                     |                     |                   |                    | 0.098              | 9.2      | 7913822 | 562967 | 539.29 | 10.79 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3813    |             |                    |                     |                     |                   |                    | 0.118              | 9        | 7913813 | 562963 | 539.77 | 11.27 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3815    |             |                    |                     |                     |                   |                    | 0.034              | 9.5      | 7913803 | 562959 | 540.02 | 11.52 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 530   | N1_530_003 | 3817    |             |                    |                     |                     |                   |                    | 0.028              | 9.2      | 7913793 | 562955 | 540.06 | 11.56 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3819    |             |                    |                     |                     |                   |                    | 0.044              | 9.4      | 7913784 | 562951 | 539.66 | 11.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3821    |             |                    |                     |                     |                   |                    | 0.003              | 9.5      | 7913774 | 562947 | 539.87 | 11.37 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3823    |             |                    |                     |                     |                   |                    | 0.012              | 9.7      | 7913765 | 562944 | 539.85 | 11.35 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3825    |             |                    |                     |                     |                   |                    | 0.004              | 9.2      | 7913756 | 562940 | 539.91 | 11.41 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3904    |             |                    |                     |                     |                   |                    | 0.01               | 9.2      | 7913859 | 562977 | 540.56 | 12.06 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3906    |             |                    |                     |                     |                   |                    | 0.01               | 9        | 7913850 | 562973 | 539.91 | 11.41 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3908    |             |                    |                     |                     |                   |                    | 0.012              | 9.8      | 7913841 | 562970 | 539.27 | 10.77 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3910    |             |                    |                     |                     |                   |                    | 0.019              | 9        | 7913831 | 562966 | 539.28 | 10.78 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3912    |             |                    |                     |                     |                   |                    | 0.066              | 8.8      | 7913822 | 562962 | 539.38 | 10.88 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3914    |             |                    |                     |                     |                   |                    | 0.01               | 9        | 7913812 | 562958 | 539.85 | 11.35 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3916    |             |                    |                     |                     |                   |                    | 0.11               | 9.1      | 7913803 | 562954 | 539.94 | 11.43 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3918    |             |                    |                     |                     |                   |                    | 0.106              | 9.3      | 7913793 | 562950 | 539.84 | 11.34 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3920    |             |                    |                     |                     |                   |                    | 0.003              | 9.7      | 7913783 | 562946 | 539.52 | 11.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3922    |             |                    |                     |                     |                   |                    | 0.004              | 9.5      | 7913774 | 562942 | 539.74 | 11.24 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3924    |             |                    |                     |                     |                   |                    | 0.005              | 9.3      | 7913764 | 562938 | 539.83 | 11.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3926    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913754 | 562935 | 540.13 | 11.63 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4004    |             |                    |                     |                     |                   |                    | 0.05               | 9.1      | 7913863 | 562974 | 540.78 | 12.28 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4005    |             |                    |                     |                     |                   |                    | 0.017              | 9.2      | 7913858 | 562972 | 540.32 | 11.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4007    |             |                    |                     |                     |                   |                    | 0.037              | 9.4      | 7913849 | 562968 | 539.58 | 11.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4009    |             |                    |                     |                     |                   |                    | 0.005              | 8.9      | 7913839 | 562965 | 539.07 | 10.57 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4011    |             |                    |                     |                     |                   |                    | 0.028              | 9.8      | 7913830 | 562961 | 539.22 | 10.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4013    |             |                    |                     |                     |                   |                    | 0.139              | 8.9      | 7913820 | 562957 | 539.42 | 10.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4015    |             |                    |                     |                     |                   |                    | 0.039              | 9.5      | 7913811 | 562953 | 539.51 | 11.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4017    |             |                    |                     |                     |                   |                    | 0.102              | 9.1      | 7913801 | 562949 | 539.77 | 11.27 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4019    |             |                    |                     |                     |                   |                    | 0.003              | 9.4      | 7913792 | 562945 | 539.58 | 11.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4021    |             |                    |                     |                     |                   |                    | 0.021              | 9.8      | 7913782 | 562941 | 539.76 | 11.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4023    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913773 | 562937 | 539.83 | 11.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4025    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913763 | 562933 | 539.62 | 11.12 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4027    |             |                    |                     |                     |                   |                    | 0.004              | 9        | 7913756 | 562930 | 539.59 | 11.09 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4220    |             |                    |                     |                     |                   |                    | 0.014              | 9.1      | 7913789 | 563062 | 539.85 | 11.35 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4222    |             |                    |                     |                     |                   |                    | 0.016              | 9.2      | 7913782 | 563068 | 539.39 | 10.89 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4224    |             |                    |                     |                     |                   |                    | 0.024              | 8.8      | 7913774 | 563074 | 538.12 | 9.62  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4422    |             |                    |                     |                     |                   |                    | 0.016              | 9        | 7913791 | 563071 | 539.38 | 10.88 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4424    |             |                    |                     |                     |                   |                    | 0.062              | 9.8      | 7913784 | 563078 | 538.82 | 10.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4426    |             |                    |                     |                     |                   |                    | 0.104              | 9.2      | 7913776 | 563084 | 538.58 | 10.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4622    |             |                    |                     |                     |                   |                    | 0.023              | 8.9      | 7913799 | 563076 | 539.35 | 10.85 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4624    |             |                    |                     |                     |                   |                    | 0.036              | 8.7      | 7913793 | 563082 | 539.14 | 10.64 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4626    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913786 | 563088 | 539.22 | 10.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4628    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913777 | 563094 | 539.01 | 10.51 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4824    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913803 | 563085 | 539.19 | 10.69 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4826    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913795 | 563092 | 539.26 | 10.76 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4828    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913787 | 563098 | 539.24 | 10.74 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 4830    |             |                    |                     |                     |                   |                    | 0.014              | 8.9      | 7913779 | 563104 | 538.92 | 10.42 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5024    |             |                    |                     |                     |                   |                    | 0.011              | 8.8      | 7913811 | 563090 | 539.39 | 10.89 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5026    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913804 | 563095 | 539.51 | 11.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5028    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913797 | 563101 | 539.66 | 11.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5030    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913789 | 563107 | 539.5  | 11    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5032    |             |                    |                     |                     |                   |                    | 0.004              | 8.7      | 7913781 | 563114 | 538.72 | 10.22 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5226    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913813 | 563099 | 539.8  | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5228    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913806 | 563105 | 539.69 | 11.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5230    |             |                    |                     |                     |                   |                    | 0.008              | 8.8      | 7913798 | 563111 | 539.59 | 11.09 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5232    |             |                    |                     |                     |                   |                    | 0.004              | 8.7      | 7913790 | 563118 | 539.18 | 10.68 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5234    |             |                    |                     |                     |                   |                    | 0.022              | 8.7      | 7913783 | 563124 | 538.81 | 10.31 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5426    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913822 | 563104 | 539.56 | 11.06 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5428    |             |                    |                     |                     |                   |                    | 0.011              | 8.8      | 7913815 | 563109 | 539.73 | 11.23 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 530   | N1_530_003 | 5430    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913808 | 563115 | 539.81 | 11.31 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5432    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913800 | 563121 | 539.9  | 11.4  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5434    |             |                    |                     |                     |                   |                    | 0.004              | 8.8      | 7913793 | 563128 | 540.24 | 11.74 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5436    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913784 | 563134 | 539.37 | 10.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5628    |             |                    |                     |                     |                   |                    | 0.006              | 8.9      | 7913824 | 563113 | 539.72 | 11.22 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5630    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913817 | 563119 | 540.06 | 11.56 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5632    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913809 | 563125 | 540.07 | 11.57 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5634    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913801 | 563131 | 540.35 | 11.85 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5636    |             |                    |                     |                     |                   |                    | 0.014              | 8.7      | 7913794 | 563137 | 540.63 | 12.13 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5638    |             |                    |                     |                     |                   |                    | 0.004              | 8.9      | 7913786 | 563144 | 539.94 | 11.44 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5828    |             |                    |                     |                     |                   |                    | 0.006              | 8.7      | 7913834 | 563116 | 539.66 | 11.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5830    |             |                    |                     |                     |                   |                    | 0.045              | 9.1      | 7913827 | 563122 | 539.82 | 11.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5832    |             |                    |                     |                     |                   |                    | 0.012              | 9        | 7913819 | 563128 | 540.07 | 11.57 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5834    |             |                    |                     |                     |                   |                    | 0.014              | 8.9      | 7913811 | 563134 | 540.32 | 11.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5836    |             |                    |                     |                     |                   |                    | 0.012              | 8.9      | 7913803 | 563140 | 540.32 | 11.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5838    |             |                    |                     |                     |                   |                    | 0.007              | 8.6      | 7913795 | 563146 | 540.29 | 11.79 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 5840    |             |                    |                     |                     |                   |                    | 0.005              | 8.5      | 7913787 | 563153 | 539.82 | 11.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1224    |             |                    |                     |                     |                   |                    | 0.026              | 8.8      | 7913771 | 563075 | 537.41 | 8.91  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1226    |             |                    |                     |                     |                   |                    | 0.012              | 9.1      | 7913769 | 563082 | 536.35 | 7.85  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1228    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913770 | 563093 | 536.23 | 7.73  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1230    |             |                    |                     |                     |                   |                    | 0.01               | 8.7      | 7913772 | 563101 | 536.68 | 8.17  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1232    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913775 | 563112 | 536.43 | 7.93  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1234    |             |                    |                     |                     |                   |                    | 0.004              | 8.4      | 7913776 | 563122 | 536.52 | 8.02  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1236    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913778 | 563132 | 536.74 | 8.24  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1238    |             |                    |                     |                     |                   |                    | 0.014              | 8.9      | 7913778 | 563141 | 536.8  | 8.3   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1240    |             |                    |                     |                     |                   |                    | 0.128              | 8.8      | 7913778 | 563150 | 537.21 | 8.71  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1242    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913778 | 563158 | 537.14 | 8.64  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1244    |             |                    |                     |                     |                   |                    | 0.003              | 7.5      | 7913776 | 563166 | 536.91 | 8.41  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1246    |             |                    |                     |                     |                   |                    | 0.01               | 6.4      | 7913776 | 563173 | 536.9  | 8.4   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1248    |             |                    |                     |                     |                   |                    | 0.022              | 6.9      | 7913777 | 563181 | 537.37 | 8.87  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1250    |             |                    |                     |                     |                   |                    | 0.012              | 6.8      | 7913777 | 563189 | 537.54 | 9.04  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1325    |             |                    |                     |                     |                   |                    | 0.006              | 9        | 7913767 | 563074 | 537.22 | 8.72  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1327    |             |                    |                     |                     |                   |                    | 0.034              | 8.9      | 7913767 | 563080 | 536.38 | 7.88  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1329    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913767 | 563090 | 536.3  | 7.79  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1331    |             |                    |                     |                     |                   |                    | 0.008              | 8.7      | 7913769 | 563100 | 536.61 | 8.11  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1333    |             |                    |                     |                     |                   |                    | 0.008              | 8.6      | 7913772 | 563110 | 536.68 | 8.18  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1335    |             |                    |                     |                     |                   |                    | 0.042              | 9        | 7913774 | 563120 | 536.88 | 8.38  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1337    |             |                    |                     |                     |                   |                    | 0.006              | 8.8      | 7913775 | 563129 | 536.98 | 8.48  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1339    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913775 | 563139 | 537.29 | 8.79  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1343    |             |                    |                     |                     |                   |                    | 0.005              | 8.7      | 7913775 | 563156 | 537.25 | 8.75  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1345    |             |                    |                     |                     |                   |                    | 0.006              | 8.5      | 7913773 | 563163 | 537.03 | 8.53  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1347    |             |                    |                     |                     |                   |                    | 0.003              | 7.7      | 7913773 | 563171 | 536.83 | 8.33  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1349    |             |                    |                     |                     |                   |                    | 0.014              | 7.2      | 7913773 | 563179 | 537.2  | 8.7   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1351    |             |                    |                     |                     |                   |                    | 0.01               | 7        | 7913774 | 563187 | 537.56 | 9.06  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 1353    |             |                    |                     |                     |                   |                    | 0.012              | 7.4      | 7913774 | 563196 | 537.39 | 8.88  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_003 | 3600    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913866 | 562994 | 540    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1200    |             |                    |                     |                     |                   |                    | 0.009              | 8.6      | 7913822 | 563134 | 539.89 | 11.39 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1202    |             |                    |                     |                     |                   |                    | 0.029              | 8.6      | 7913829 | 563128 | 540.2  | 11.7  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1204    |             |                    |                     |                     |                   |                    | 0.005              | 8.5      | 7913836 | 563122 | 540.11 | 11.61 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1206    |             |                    |                     |                     |                   |                    | 0.004              | 8.7      | 7913843 | 563117 | 539.77 | 11.27 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1208    |             |                    |                     |                     |                   |                    | 0.005              | 8.8      | 7913850 | 563111 | 540.43 | 11.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1210    |             |                    |                     |                     |                   |                    | 0.005              | 8.7      | 7913858 | 563107 | 540.11 | 11.61 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1212    |             |                    |                     |                     |                   |                    | 0.008              | 8.8      | 7913865 | 563100 | 540.04 | 11.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1214    |             |                    |                     |                     |                   |                    | 0.01               | 8.7      | 7913872 | 563095 | 539.91 | 11.41 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1216    |             |                    |                     |                     |                   |                    | 0.007              | 8.8      | 7913879 | 563089 | 539.92 | 11.42 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1218    |             |                    |                     |                     |                   |                    | 0.004              | 9.7      | 7913886 | 563083 | 539.97 | 11.47 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 530   | N1_530_005 | 1220    |             |                    |                     |                     |                   |                    | 0.006              | 9.6      | 7913892 | 563077 | 540.38 | 11.88 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1222    |             |                    |                     |                     |                   |                    | 0.012              | 9.6      | 7913899 | 563072 | 539.88 | 11.38 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1224    |             |                    |                     |                     |                   |                    | 0.043              | 9.4      | 7913907 | 563066 | 540.3  | 11.8  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1226    |             |                    |                     |                     |                   |                    | 0.049              | 9.1      | 7913913 | 563061 | 540.22 | 11.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1301    |             |                    |                     |                     |                   |                    | 0.008              | 8.7      | 7913830 | 563132 | 540.35 | 11.85 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1303    |             |                    |                     |                     |                   |                    | 0.006              | 8.6      | 7913837 | 563127 | 540.4  | 11.9  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1305    |             |                    |                     |                     |                   |                    | 0.005              | 8.6      | 7913844 | 563121 | 540.07 | 11.57 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1307    |             |                    |                     |                     |                   |                    | 0.013              | 8        | 7913851 | 563115 | 540.41 | 11.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1309    |             |                    |                     |                     |                   |                    | 0.005              | 8.3      | 7913858 | 563110 | 540.26 | 11.76 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1311    |             |                    |                     |                     |                   |                    | 0.005              | 8.5      | 7913865 | 563104 | 540.03 | 11.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1313    |             |                    |                     |                     |                   |                    | 0.014              | 8.6      | 7913872 | 563099 | 539.94 | 11.44 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1315    |             |                    |                     |                     |                   |                    | 0.016              | 8.8      | 7913879 | 563093 | 539.99 | 11.49 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1317    |             |                    |                     |                     |                   |                    | 0.012              | 9.5      | 7913886 | 563087 | 539.98 | 11.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1319    |             |                    |                     |                     |                   |                    | 0.009              | 10       | 7913893 | 563082 | 540.31 | 11.81 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1321    |             |                    |                     |                     |                   |                    | 0.073              | 9.7      | 7913900 | 563076 | 540    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1323    |             |                    |                     |                     |                   |                    | 0.048              | 9.6      | 7913907 | 563071 | 540.42 | 11.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1325    |             |                    |                     |                     |                   |                    | 0.006              | 9.6      | 7913914 | 563065 | 540.41 | 11.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1400    |             |                    |                     |                     |                   |                    | 0.006              |          | 7913831 | 563137 | 540.37 | 11.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1402    |             |                    |                     |                     |                   |                    | 0.003              | 7.6      | 7913838 | 563131 | 540.68 | 12.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1404    |             |                    |                     |                     |                   |                    | 0.006              | 8        | 7913845 | 563125 | 540.56 | 12.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1406    |             |                    |                     |                     |                   |                    | 0.003              | 8.2      | 7913851 | 563120 | 540.64 | 12.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1408    |             |                    |                     |                     |                   |                    | 0.008              | 7.9      | 7913859 | 563114 | 540.32 | 11.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1410    |             |                    |                     |                     |                   |                    | 0.01               | 7.1      | 7913866 | 563108 | 540.23 | 11.73 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1412    |             |                    |                     |                     |                   |                    | 0.003              | 8.5      | 7913873 | 563103 | 539.92 | 11.42 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1414    |             |                    |                     |                     |                   |                    | 0.004              | 8.7      | 7913881 | 563098 | 539.93 | 11.43 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1416    |             |                    |                     |                     |                   |                    | 0.004              | 9.6      | 7913887 | 563092 | 540.09 | 11.59 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1418    |             |                    |                     |                     |                   |                    | 0.026              | 9.7      | 7913894 | 563086 | 540.14 | 11.64 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1420    |             |                    |                     |                     |                   |                    | 0.031              | 9.6      | 7913901 | 563081 | 540.12 | 11.62 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1422    |             |                    |                     |                     |                   |                    | 0.011              | 8.7      | 7913908 | 563075 | 540.17 | 11.67 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1424    |             |                    |                     |                     |                   |                    | 0.014              | 9.5      | 7913915 | 563069 | 540.32 | 11.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_005 | 1523    |             |                    |                     |                     |                   |                    | 0.006              | 9.1      | 7913916 | 563073 | 540.62 | 12.12 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_007 | 1020    |             |                    |                     |                     |                   |                    | 0.004              | 8.3      | 7913815 | 563140 | 540    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_007 | 1021    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913812 | 563142 | 540    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_007 | 1022    |             |                    |                     |                     |                   |                    | 0.004              | 8.5      | 7913809 | 563145 | 540    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1111    |             |                    |                     |                     |                   |                    | 0.006              | 9        | 7913922 | 563064 | 541.03 | 12.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1111    |             |                    |                     |                     |                   |                    | 0.006              | 9        | 7913922 | 563064 | 541.03 | 12.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1113    |             |                    |                     |                     |                   |                    | 0.011              | 9.4      | 7913919 | 563057 | 540.62 | 12.12 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1113    |             |                    |                     |                     |                   |                    | 0.011              | 9.4      | 7913919 | 563057 | 540.62 | 12.12 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1210    |             |                    |                     |                     |                   |                    | 0.01               | 9.1      | 7913925 | 563066 | 540.82 | 12.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1210    |             |                    |                     |                     |                   |                    | 0.01               | 9.1      | 7913925 | 563066 | 540.82 | 12.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1212    |             |                    |                     |                     |                   |                    | 0.024              | 9.2      | 7913924 | 563058 | 540.81 | 12.31 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1212    |             |                    |                     |                     |                   |                    | 0.024              | 9.2      | 7913924 | 563058 | 540.81 | 12.31 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1214    |             |                    |                     |                     |                   |                    | 0.058              | 9.7      | 7913922 | 563051 | 540.34 | 11.84 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1214    |             |                    |                     |                     |                   |                    | 0.058              | 9.7      | 7913922 | 563051 | 540.34 | 11.84 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1311    |             |                    |                     |                     |                   |                    | 0.004              | 9.3      | 7913928 | 563059 | 540.64 | 12.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1311    |             |                    |                     |                     |                   |                    | 0.004              | 9.3      | 7913928 | 563059 | 540.64 | 12.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1313    |             |                    |                     |                     |                   |                    | 0.032              | 9.2      | 7913926 | 563051 | 540.48 | 11.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1313    |             |                    |                     |                     |                   |                    | 0.032              | 9.2      | 7913926 | 563051 | 540.48 | 11.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1410 D  |             |                    |                     |                     |                   |                    | 0.038              | 9.4      | 7913932 | 563061 | 541.16 | 12.66 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1410 D  |             |                    |                     |                     |                   |                    | 0.038              | 9.4      | 7913932 | 563061 | 541.16 | 12.66 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1412    |             |                    |                     |                     |                   |                    | 0.02               | 9        | 7913930 | 563052 | 540.52 | 12.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1412    |             |                    |                     |                     |                   |                    | 0.02               | 9        | 7913930 | 563052 | 540.52 | 12.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1414    |             |                    |                     |                     |                   |                    | 0.014              | 9.7      | 7913928 | 563044 | 540.57 | 12.07 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1414    |             |                    |                     |                     |                   |                    | 0.014              | 9.7      | 7913928 | 563044 | 540.57 | 12.07 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1511    |             |                    |                     |                     |                   |                    | 0.018              | 9.1      | 7913935 | 563053 | 541.13 | 12.63 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1511    |             |                    |                     |                     |                   |                    | 0.018              | 9.1      | 7913935 | 563053 | 541.13 | 12.63 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 530   | N1_530_011 | 1513    |             |                    |                     |                     |                   |                    | 0.009              | 9.3      | 7913933 | 563047 | 540.78 | 12.28 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1513    |             |                    |                     |                     |                   |                    | 0.009              | 9.3      | 7913933 | 563047 | 540.78 | 12.28 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1610    |             |                    |                     |                     |                   |                    | 0.019              | 8.8      | 7913939 | 563056 | 541.03 | 12.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1610    |             |                    |                     |                     |                   |                    | 0.019              | 8.8      | 7913939 | 563056 | 541.03 | 12.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1612    |             |                    |                     |                     |                   |                    | 0.01               | 9.1      | 7913938 | 563046 | 540.94 | 12.44 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1612    |             |                    |                     |                     |                   |                    | 0.01               | 9.1      | 7913938 | 563046 | 540.94 | 12.44 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1614    |             |                    |                     |                     |                   |                    | 0.022              | 8.6      | 7913936 | 563038 | 541.04 | 12.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1614    |             |                    |                     |                     |                   |                    | 0.022              | 8.6      | 7913936 | 563038 | 541.04 | 12.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1711    |             |                    |                     |                     |                   |                    | 0.017              | 9.2      | 7913943 | 563048 | 541.31 | 12.8  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1711    |             |                    |                     |                     |                   |                    | 0.017              | 9.2      | 7913943 | 563048 | 541.31 | 12.8  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1713    |             |                    |                     |                     |                   |                    | 0.007              | 8.6      | 7913941 | 563039 | 541.13 | 12.63 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1713    |             |                    |                     |                     |                   |                    | 0.007              | 8.6      | 7913941 | 563039 | 541.13 | 12.63 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1812    |             |                    |                     |                     |                   |                    | 0.024              | 7.3      | 7913945 | 563039 | 541.35 | 12.85 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 530   | N1_530_011 | 1812    |             |                    |                     |                     |                   |                    | 0.024              | 7.3      | 7913945 | 563039 | 541.35 | 12.85 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_001 | 1117    |             |                    |                     |                     |                   | 0.13               | 0.011              | 7.7      | 7914038 | 563046 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_001 | 1420    |             |                    |                     |                     |                   | 0.07               | 0.018              | 7.5      | 7914020 | 563055 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1000    |             |                    |                     |                     |                   |                    | 0.01               | 8.2      | 7913967 | 563018 | 550.18 | 11.68 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1102    |             |                    |                     |                     |                   |                    | 0.007              | 8.2      | 7913961 | 563027 | 550.48 | 11.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1323    |             |                    |                     |                     |                   |                    | 0.028              | 8.3      | 7913994 | 562991 | 549.8  | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1325    |             |                    |                     |                     |                   |                    | 0.008              | 9        | 7913986 | 562989 | 549.98 | 11.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1327    |             |                    |                     |                     |                   |                    | 0.005              | 8.5      | 7913979 | 562985 | 549.77 | 11.27 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1329    |             |                    |                     |                     |                   |                    | 0.007              | 9        | 7913970 | 562982 | 549.41 | 10.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1331    |             |                    |                     |                     |                   |                    | 0.038              | 9.1      | 7913961 | 562978 | 549.24 | 10.74 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1424    |             |                    |                     |                     |                   |                    | 0.022              | 8.5      | 7913991 | 562995 | 550.11 | 11.61 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1426    |             |                    |                     |                     |                   |                    | 0.01               | 8.9      | 7913983 | 562992 | 549.9  | 11.4  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1428    |             |                    |                     |                     |                   |                    | 0.014              | 8.9      | 7913976 | 562989 | 549.9  | 11.4  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1430    |             |                    |                     |                     |                   |                    | 0.007              | 8.4      | 7913967 | 562985 | 549.53 | 11.03 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1432    |             |                    |                     |                     |                   |                    | 0.005              | 8.9      | 7913958 | 562981 | 549.06 | 10.56 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1525    |             |                    |                     |                     |                   |                    | 0.013              | 9.1      | 7913988 | 562998 | 550.27 | 11.77 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1527    |             |                    |                     |                     |                   |                    | 0.01               | 9.4      | 7913980 | 562995 | 550.03 | 11.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1529    |             |                    |                     |                     |                   |                    | 0.009              | 8.7      | 7913972 | 562992 | 549.94 | 11.43 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1531    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913963 | 562988 | 549.7  | 11.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1533    |             |                    |                     |                     |                   |                    | 0.009              | 8.7      | 7913954 | 562985 | 549.45 | 10.95 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1626    |             |                    |                     |                     |                   |                    | 0.023              | 9.1      | 7913985 | 563002 | 549.98 | 11.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1628    |             |                    |                     |                     |                   |                    | 0.008              | 9        | 7913977 | 562999 | 549.98 | 11.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1630    |             |                    |                     |                     |                   |                    | 0.009              | 8.6      | 7913969 | 562996 | 549.92 | 11.42 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1632    |             |                    |                     |                     |                   |                    | 0.01               | 9.1      | 7913961 | 562992 | 549.58 | 11.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1634    |             |                    |                     |                     |                   |                    | 0.008              | 8.9      | 7913952 | 562988 | 549.9  | 11.4  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1727    |             |                    |                     |                     |                   |                    | 0.02               | 9        | 7913982 | 563005 | 550.03 | 11.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1729    |             |                    |                     |                     |                   |                    | 0.009              | 8.7      | 7913974 | 563003 | 550.07 | 11.57 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1731    |             |                    |                     |                     |                   |                    | 0.006              | 9.3      | 7913966 | 563000 | 549.84 | 11.34 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1733    |             |                    |                     |                     |                   |                    | 0.006              | 9.6      | 7913957 | 562996 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1735    |             |                    |                     |                     |                   |                    | 0.007              | 9.5      | 7913948 | 562992 | 550.24 | 11.74 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1828    |             |                    |                     |                     |                   |                    | 0.024              | 8.5      | 7913978 | 563008 | 550.04 | 11.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1830    |             |                    |                     |                     |                   |                    | 0.013              | 9        | 7913971 | 563006 | 549.97 | 11.47 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1832    |             |                    |                     |                     |                   |                    | 0.004              | 9.1      | 7913962 | 563003 | 549.65 | 11.15 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1834    |             |                    |                     |                     |                   |                    | 0.008              | 9.1      | 7913954 | 562999 | 549.75 | 11.25 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1929    |             |                    |                     |                     |                   |                    | 0.012              | 8.7      | 7913975 | 563012 | 550.08 | 11.58 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1931    |             |                    |                     |                     |                   |                    | 0.05               | 8.4      | 7913967 | 563010 | 549.59 | 11.09 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1933    |             |                    |                     |                     |                   |                    | 0.011              | 8.8      | 7913959 | 563007 | 549.67 | 11.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 1935    |             |                    |                     |                     |                   |                    | 0.049              | 9.2      | 7913950 | 563003 | 549.98 | 11.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 2032    |             |                    |                     |                     |                   |                    | 0.015              | 8.9      | 7913964 | 563013 | 549.7  | 11.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 2034    |             |                    |                     |                     |                   |                    | 0.067              | 9.4      | 7913956 | 563010 | 549.99 | 11.49 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 2036    |             |                    |                     |                     |                   |                    | 0.049              | 9.1      | 7913947 | 563006 | 550.05 | 11.55 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 2133    |             |                    |                     |                     |                   |                    | 0.011              | 8.4      | 7913961 | 563017 | 549.76 | 11.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 2135    |             |                    |                     |                     |                   |                    | 0.014              | 8.9      | 7913953 | 563013 | 549.94 | 11.44 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 540   | N1_540_003 | 2137    |             |                    |                     |                     |                   |                    | 0.05               | 8.9      | 7913944 | 563010 | 550.15 | 11.65 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 2234    |             |                    |                     |                     |                   |                    | 0.033              | 8.9      | 7913958 | 563020 | 550.14 | 11.64 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 2236    |             |                    |                     |                     |                   |                    | 0.007              | 8.8      | 7913950 | 563017 | 550.27 | 11.77 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 2238    |             |                    |                     |                     |                   |                    | 0.007              | 8.9      | 7913940 | 563015 | 550.22 | 11.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 2335    |             |                    |                     |                     |                   |                    | 0.015              | 9.4      | 7913954 | 563024 | 550.46 | 11.96 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 2337    |             |                    |                     |                     |                   |                    | 0.006              | 9.4      | 7913946 | 563021 | 550.43 | 11.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 2436    |             |                    |                     |                     |                   |                    | 0.046              | 8.8      | 7913951 | 563028 | 550.01 | 11.51 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 2438    |             |                    |                     |                     |                   |                    | 0.007              | 8.5      | 7913943 | 563024 | 550.01 | 11.51 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 2535    |             |                    |                     |                     |                   |                    | 0.014              | 7.4      | 7913954 | 563034 | 550.51 | 12.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_003 | 2537    |             |                    |                     |                     |                   |                    | 0.046              | 9.2      | 7913947 | 563031 | 550.48 | 11.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 227     |             |                    |                     |                     |                   |                    | 0.019              | 8.5      | 7913954 | 562962 | 549.22 | 10.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 229     |             |                    |                     |                     |                   |                    | 0.005              | 9.3      | 7913946 | 562959 | 549.56 | 11.06 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 231     |             |                    |                     |                     |                   |                    | 0.042              | 9        | 7913940 | 562956 | 549.6  | 11.1  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 233     |             |                    |                     |                     |                   |                    | 0.05               | 9        | 7913932 | 562953 | 549.64 | 11.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 320     |             |                    |                     |                     |                   |                    | 0.041              | 8.7      | 7913954 | 562965 | 549.3  | 10.8  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 321     |             |                    |                     |                     |                   |                    | 0.036              | 9.1      | 7913949 | 562963 | 549.32 | 10.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 323     |             |                    |                     |                     |                   |                    | 0.015              | 9.3      | 7913940 | 562960 | 549.67 | 11.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 326     |             |                    |                     |                     |                   |                    | 0.019              | 9.1      | 7913927 | 562954 | 549.51 | 11.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1102    |             |                    |                     |                     |                   |                    | 0.066              | 8        | 7913950 | 563056 | 550.49 | 11.99 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1203    |             |                    |                     |                     |                   |                    | 0.033              | 7.9      | 7913947 | 563051 | 550.47 | 11.97 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1401    |             |                    |                     |                     |                   |                    | 0.014              | 8.3      | 7913936 | 563055 | 550.31 | 11.81 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1403    |             |                    |                     |                     |                   |                    | 0.082              | 8.5      | 7913939 | 563048 | 550.27 | 11.77 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1404    |             |                    |                     |                     |                   |                    | 0.015              | 9.4      | 7913941 | 563043 | 550.47 | 11.97 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1501    |             |                    |                     |                     |                   |                    | 0.016              | 9.1      | 7913933 | 563050 | 550.22 | 11.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1503    |             |                    |                     |                     |                   |                    | 0.014              | 9.3      | 7913937 | 563042 | 550.33 | 11.83 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1504    |             |                    |                     |                     |                   |                    | 0.011              | 9        | 7913937 | 563038 | 550.43 | 11.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1601    |             |                    |                     |                     |                   |                    | 0.073              | 9        | 7913928 | 563052 | 550.25 | 11.75 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1603    |             |                    |                     |                     |                   |                    | 0.006              | 8.6      | 7913932 | 563043 | 550.13 | 11.63 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1700    |             |                    |                     |                     |                   |                    | 0.065              | 9.3      | 7913923 | 563050 | 550.16 | 11.66 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1701    |             |                    |                     |                     |                   |                    | 0.013              | 9.5      | 7913925 | 563047 | 550.2  | 11.7  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1703    |             |                    |                     |                     |                   |                    | 0.042              | 8.9      | 7913928 | 563038 | 550.08 | 11.58 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1705 D  |             |                    |                     |                     |                   |                    | 0.01               | 9.2      | 7913931 | 563032 | 550.41 | 11.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1802    |             |                    |                     |                     |                   |                    | 0.017              | 9.3      | 7913921 | 563044 | 550.05 | 11.55 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1804    |             |                    |                     |                     |                   |                    | 0.182              | 9.2      | 7913925 | 563035 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1806    |             |                    |                     |                     |                   |                    | 0.045              | 9.3      | 7913928 | 563025 | 550.38 | 11.88 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1807    |             |                    |                     |                     |                   |                    | 0.008              | 9.8      | 7913930 | 563021 | 550.26 | 11.76 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1809    |             |                    |                     |                     |                   |                    | 0.039              | 9.5      | 7913934 | 563012 | 549.9  | 11.4  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1811    |             |                    |                     |                     |                   |                    | 0.07               | 9.2      | 7913937 | 563002 | 550.33 | 11.83 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1813    |             |                    |                     |                     |                   |                    | 0.004              | 9.2      | 7913941 | 562993 | 550.22 | 11.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1815    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913944 | 562983 | 549.89 | 11.39 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1817    |             |                    |                     |                     |                   |                    | 0.012              | 8.7      | 7913948 | 562974 | 549.63 | 11.13 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1900    |             |                    |                     |                     |                   |                    | 0.019              | 9.5      | 7913915 | 563047 | 549.86 | 11.36 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1902    |             |                    |                     |                     |                   |                    | 0.116              | 9.5      | 7913918 | 563040 | 549.78 | 11.28 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1904    |             |                    |                     |                     |                   |                    | 0.013              | 9.4      | 7913921 | 563032 | 549.95 | 11.45 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1905 D  |             |                    |                     |                     |                   |                    | 0.011              | 9        | 7913923 | 563027 | 550.05 | 11.55 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1907    |             |                    |                     |                     |                   |                    | 0.006              | 9.2      | 7913926 | 563017 | 549.95 | 11.45 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1909    |             |                    |                     |                     |                   |                    | 0.028              | 9.1      | 7913930 | 563007 | 549.83 | 11.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1911    |             |                    |                     |                     |                   |                    | 0.013              | 9.3      | 7913934 | 562998 | 549.69 | 11.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1913    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913937 | 562989 | 550.22 | 11.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1915    |             |                    |                     |                     |                   |                    | 0.005              | 9.1      | 7913941 | 562980 | 549.54 | 11.04 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 1917    |             |                    |                     |                     |                   |                    | 0.01               | 9.1      | 7913945 | 562970 | 549.5  | 11    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2001    |             |                    |                     |                     |                   |                    | 0.034              | 9.2      | 7913912 | 563045 | 549.88 | 11.38 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2003    |             |                    |                     |                     |                   |                    | 0.146              | 8.5      | 7913914 | 563036 | 549.77 | 11.27 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2005    |             |                    |                     |                     |                   |                    | 0.018              | 9.1      | 7913918 | 563027 | 549.91 | 11.41 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2006    |             |                    |                     |                     |                   |                    | 0.01               | 9.5      | 7913920 | 563022 | 549.83 | 11.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2008    |             |                    |                     |                     |                   |                    | 0.056              | 9.5      | 7913923 | 563013 | 549.96 | 11.46 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 540   | N1_540_005 | 2010    |             |                    |                     |                     |                   |                    | 0.044              | 9.3      | 7913927 | 563003 | 549.8  | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2012    |             |                    |                     |                     |                   |                    | 0.004              | 9.2      | 7913931 | 562994 | 549.8  | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2014    |             |                    |                     |                     |                   |                    | 0.008              | 9.2      | 7913935 | 562985 | 549.83 | 11.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2016    |             |                    |                     |                     |                   |                    | 0.008              | 8.6      | 7913938 | 562975 | 549.69 | 11.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2018    |             |                    |                     |                     |                   |                    | 0.006              | 8.7      | 7913942 | 562966 | 549.6  | 11.1  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2100    |             |                    |                     |                     |                   |                    | 0.094              | 8.8      | 7913907 | 563044 | 549.51 | 11.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2101    |             |                    |                     |                     |                   |                    | 0.198              | 9.1      | 7913908 | 563040 | 549.64 | 11.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2103    |             |                    |                     |                     |                   |                    | 0.008              | 9.2      | 7913911 | 563032 | 549.71 | 11.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2104    |             |                    |                     |                     |                   |                    | 0.008              | 9.3      | 7913913 | 563028 | 549.54 | 11.04 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2106    |             |                    |                     |                     |                   |                    | 0.006              | 8.8      | 7913917 | 563018 | 549.72 | 11.22 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2108    |             |                    |                     |                     |                   |                    | 0.006              | 9.1      | 7913920 | 563010 | 549.74 | 11.24 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2110    |             |                    |                     |                     |                   |                    | 0.019              | 9.3      | 7913924 | 563000 | 550.06 | 11.55 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2112 D  |             |                    |                     |                     |                   |                    | 0.008              | 9.1      | 7913927 | 562990 | 550.07 | 11.57 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2114    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913931 | 562981 | 549.68 | 11.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2116    |             |                    |                     |                     |                   |                    | 0.01               | 8.9      | 7913935 | 562973 | 549.63 | 11.13 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2118    |             |                    |                     |                     |                   |                    | 0.012              | 8.8      | 7913938 | 562963 | 549.53 | 11.03 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2202    |             |                    |                     |                     |                   |                    | 0.03               | 9.1      | 7913905 | 563038 | 549.5  | 11    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2205    |             |                    |                     |                     |                   |                    | 0.005              | 8.8      | 7913911 | 563024 | 549.65 | 11.15 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2207    |             |                    |                     |                     |                   |                    | 0.037              | 8.7      | 7913914 | 563014 | 549.46 | 10.96 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2209    |             |                    |                     |                     |                   |                    | 0.005              | 8.7      | 7913917 | 563005 | 549.86 | 11.36 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2211    |             |                    |                     |                     |                   |                    | 0.025              | 8.7      | 7913920 | 562996 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2213    |             |                    |                     |                     |                   |                    | 0.004              | 8.9      | 7913924 | 562986 | 550.02 | 11.52 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2215    |             |                    |                     |                     |                   |                    | 0.01               | 8.4      | 7913928 | 562977 | 549.55 | 11.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2217    |             |                    |                     |                     |                   |                    | 0.005              | 9        | 7913932 | 562968 | 549.5  | 11    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2300    |             |                    |                     |                     |                   |                    | 0.012              | 8.7      | 7913898 | 563041 | 549.68 | 11.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2303    |             |                    |                     |                     |                   |                    | 0.006              | 8.8      | 7913901 | 563029 | 549.39 | 10.89 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2305    |             |                    |                     |                     |                   |                    | 0.014              | 9.2      | 7913906 | 563019 | 549.63 | 11.13 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2307    |             |                    |                     |                     |                   |                    | 0.011              | 8.7      | 7913910 | 563010 | 549.69 | 11.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2309    |             |                    |                     |                     |                   |                    | 0.009              | 8.9      | 7913914 | 563001 | 549.79 | 11.29 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2311    |             |                    |                     |                     |                   |                    | 0.01               | 9        | 7913917 | 562992 | 549.74 | 11.24 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2313    |             |                    |                     |                     |                   |                    | 0.01               | 8.7      | 7913921 | 562981 | 549.94 | 11.44 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2315    |             |                    |                     |                     |                   |                    | 0.016              | 9.1      | 7913924 | 562973 | 549.49 | 10.99 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2317    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913927 | 562966 | 549.53 | 11.03 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2402    |             |                    |                     |                     |                   |                    | 0.01               | 8.8      | 7913896 | 563034 | 549.5  | 11    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2404    |             |                    |                     |                     |                   |                    | 0.013              | 8.9      | 7913900 | 563026 | 549.98 | 11.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2406    |             |                    |                     |                     |                   |                    | 0.008              | 8.8      | 7913904 | 563016 | 549.73 | 11.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2408 D  |             |                    |                     |                     |                   |                    | 0.004              | 9        | 7913907 | 563006 | 549.72 | 11.22 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2410    |             |                    |                     |                     |                   |                    | 0.006              | 9.2      | 7913911 | 562997 | 549.89 | 11.39 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2412    |             |                    |                     |                     |                   |                    | 0.03               | 8.9      | 7913915 | 562988 | 549.8  | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2414    |             |                    |                     |                     |                   |                    | 0.01               | 8.6      | 7913918 | 562978 | 549.47 | 10.97 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2416    |             |                    |                     |                     |                   |                    | 0.027              | 8.9      | 7913922 | 562969 | 549.49 | 10.99 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_005 | 2418    |             |                    |                     |                     |                   |                    | 0.044              | 9        | 7913925 | 562959 | 549.36 | 10.86 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1000    |             |                    |                     |                     |                   |                    | 0.01               | 9.2      | 7913891 | 563046 | 549.74 | 11.24 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1002    |             |                    |                     |                     |                   |                    | 0.026              | 9.7      | 7913899 | 563049 | 549.68 | 11.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1004    |             |                    |                     |                     |                   |                    | 0.025              | 9.1      | 7913906 | 563051 | 549.51 | 11.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1006    |             |                    |                     |                     |                   |                    | 0.014              | 9.5      | 7913914 | 563054 | 549.67 | 11.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1008    |             |                    |                     |                     |                   |                    | 0.005              | 8.8      | 7913921 | 563057 | 549.82 | 11.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1010    |             |                    |                     |                     |                   |                    | 0.012              | 8.6      | 7913929 | 563060 | 550.14 | 11.64 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1101    |             |                    |                     |                     |                   |                    | 0.01               | 9.6      | 7913895 | 563049 | 549.49 | 10.99 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1103    |             |                    |                     |                     |                   |                    | 0.075              | 9.3      | 7913902 | 563052 | 549.48 | 10.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1105    |             |                    |                     |                     |                   |                    | 0.014              | 9.2      | 7913910 | 563055 | 549.58 | 11.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1107    |             |                    |                     |                     |                   |                    | 0.01               | 9.5      | 7913917 | 563058 | 549.87 | 11.37 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1109    |             |                    |                     |                     |                   |                    | 0.01               | 9.4      | 7913924 | 563061 | 550.25 | 11.75 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1119 D  |             |                    |                     |                     |                   |                    | 0.013              | 7.3      | 7913960 | 563079 | 550.36 | 11.86 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1126    |             |                    |                     |                     |                   |                    | 0.014              | 8.4      | 7913986 | 563087 | 550.69 | 12.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1200    |             |                    |                     |                     |                   |                    | 0.051              | 9.7      | 7913889 | 563052 | 549.7  | 11.2  | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 540   | N1_540_007 | 1202    |             |                    |                     |                     |                   |                    | 0.009              | 9.4      | 7913896 | 563055 | 549.58 | 11.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1204    |             |                    |                     |                     |                   |                    | 0.027              | 9.6      | 7913904 | 563058 | 549.56 | 11.06 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1206    |             |                    |                     |                     |                   |                    | 0.012              | 9.7      | 7913912 | 563061 | 549.74 | 11.24 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1208    |             |                    |                     |                     |                   |                    | 0.029              | 9.2      | 7913919 | 563064 | 550.09 | 11.59 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1210    |             |                    |                     |                     |                   |                    | 0.011              | 7        | 7913926 | 563067 | 550.42 | 11.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1301    |             |                    |                     |                     |                   |                    | 0.019              | 9.4      | 7913893 | 563058 | 549.67 | 11.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1303 D  |             |                    |                     |                     |                   |                    | 0.013              | 9.4      | 7913900 | 563061 | 549.56 | 11.06 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1305    |             |                    |                     |                     |                   |                    | 0.091              | 8.4      | 7913908 | 563064 | 549.49 | 10.99 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1307    |             |                    |                     |                     |                   |                    | 0.044              | 9.4      | 7913916 | 563067 | 550.07 | 11.57 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1401    |             |                    |                     |                     |                   |                    | 0.014              | 9.4      | 7913890 | 563062 | 549.61 | 11.11 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1403    |             |                    |                     |                     |                   |                    | 0.069              | 9.4      | 7913897 | 563065 | 549.51 | 11.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1405    |             |                    |                     |                     |                   |                    | 0.036              | 9.4      | 7913904 | 563067 | 549.71 | 11.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1407    |             |                    |                     |                     |                   |                    | 0.026              | 8.4      | 7913912 | 563070 | 549.66 | 11.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1502    |             |                    |                     |                     |                   |                    | 0.107              | 9.7      | 7913894 | 563068 | 549.8  | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1504    |             |                    |                     |                     |                   |                    | 0.012              | 9.4      | 7913901 | 563071 | 549.86 | 11.36 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1506    |             |                    |                     |                     |                   |                    | 0.032              | 8.7      | 7913909 | 563072 | 549.86 | 11.36 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1602 D  |             |                    |                     |                     |                   |                    | 0.079              | 9.4      | 7913891 | 563072 | 549.77 | 11.27 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1604    |             |                    |                     |                     |                   |                    | 0.058              | 9.7      | 7913898 | 563075 | 549.82 | 11.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1606    |             |                    |                     |                     |                   |                    | 0.172              | 7        | 7913905 | 563077 | 550.17 | 11.67 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1608    |             |                    |                     |                     |                   |                    | 0.018              | 7.6      | 7913913 | 563081 | 550.34 | 11.84 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1703    |             |                    |                     |                     |                   |                    | 0.035              | 9.7      | 7913894 | 563078 | 550.15 | 11.65 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1705    |             |                    |                     |                     |                   |                    | 0.102              | 6.4      | 7913901 | 563080 | 550.56 | 12.06 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1804    |             |                    |                     |                     |                   |                    | 0.046              | 9.7      | 7913894 | 563083 | 550.6  | 12.1  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1828    |             |                    |                     |                     |                   |                    | 0.122              | 6.8      | 7913984 | 563118 | 551.33 | 12.83 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1903    |             |                    |                     |                     |                   |                    | 0.031              | 9.5      | 7913891 | 563086 | 550.87 | 12.37 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_007 | 1927    |             |                    |                     |                     |                   |                    | 0.099              | 6.9      | 7913980 | 563122 | 551.18 | 12.68 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_009 | 1200    |             |                    |                     |                     |                   |                    | 0.016              | 6.7      | 7913892 | 563101 | 551.35 | 12.85 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_011 | 210     |             |                    |                     |                     |                   |                    | 0.008              | 8        | 7914012 | 562984 | 550.06 | 11.56 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_011 | 212     |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7914005 | 562981 | 550.04 | 11.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_011 | 215     |             |                    |                     |                     |                   |                    | 0.005              | 8.6      | 7913994 | 562979 | 549.59 | 11.09 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_011 | 218     |             |                    |                     |                     |                   |                    | 0.007              | 9.5      | 7913984 | 562974 | 549.52 | 11.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_011 | 220     |             |                    |                     |                     |                   |                    | 0.049              | 9.6      | 7913977 | 562971 | 549.37 | 10.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_011 | 223     |             |                    |                     |                     |                   |                    | 0.133              | 9.4      | 7913967 | 562967 | 549.39 | 10.89 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_011 | 225     |             |                    |                     |                     |                   |                    | 0.01               | 8.9      | 7913960 | 562965 | 549.17 | 10.67 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_011 | 310     |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7914000 | 562983 | 549.83 | 11.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_011 | 312     |             |                    |                     |                     |                   |                    | 0.004              | 9.1      | 7913990 | 562980 | 549.51 | 11.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_011 | 314     |             |                    |                     |                     |                   |                    | 0.009              | 9.5      | 7913981 | 562977 | 549.25 | 10.75 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_011 | 316     |             |                    |                     |                     |                   |                    | 0.01               | 8.9      | 7913972 | 562972 | 549.31 | 10.81 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_011 | 318     |             |                    |                     |                     |                   |                    | 0.004              | 9.1      | 7913962 | 562968 | 549.35 | 10.85 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_011 | 1210    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913997 | 562984 | 549.93 | 11.43 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_011 | 1214    |             |                    |                     |                     |                   |                    | 0.022              | 9.2      | 7913978 | 562976 | 549.4  | 10.9  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_011 | 1216    |             |                    |                     |                     |                   |                    | 0.004              | 9.2      | 7913969 | 562973 | 549.39 | 10.89 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 201     |             |                    |                     |                     |                   |                    | 0.01               | 9        | 7913918 | 562947 | 549.49 | 10.99 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 203     |             |                    |                     |                     |                   |                    | 0.017              | 8.5      | 7913910 | 562944 | 549.48 | 10.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 204     |             |                    |                     |                     |                   |                    | 0.061              | 8.7      | 7913907 | 562943 | 549.44 | 10.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 205     |             |                    |                     |                     |                   |                    | 0.182              | 9.7      | 7913903 | 562941 | 549.38 | 10.88 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 207     |             |                    |                     |                     |                   |                    | 0.062              | 9.1      | 7913896 | 562938 | 549.97 | 11.47 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 208     |             |                    |                     |                     |                   |                    | 0.102              | 9.2      | 7913892 | 562937 | 549.8  | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 210     |             |                    |                     |                     |                   |                    | 0.026              | 9.4      | 7913885 | 562934 | 549.88 | 11.38 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 300     |             |                    |                     |                     |                   |                    | 0.083              | 9.2      | 7913920 | 562952 | 549.42 | 10.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 302     |             |                    |                     |                     |                   |                    | 0.009              | 8.8      | 7913912 | 562948 | 549.45 | 10.95 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 304     |             |                    |                     |                     |                   |                    | 0.032              | 9.9      | 7913903 | 562944 | 549.47 | 10.97 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 305     |             |                    |                     |                     |                   |                    | 0.161              | 9.2      | 7913898 | 562943 | 549.61 | 11.11 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 307     |             |                    |                     |                     |                   |                    | 0.07               | 9.1      | 7913888 | 562939 | 549.8  | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 825     |             |                    |                     |                     |                   |                    | 0.013              | 9.2      | 7913883 | 563085 | 550.18 | 11.68 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 923     |             |                    |                     |                     |                   |                    | 0.036              | 9.6      | 7913883 | 563073 | 549.98 | 11.48 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 540   | N1_540_013 | 925     |             |                    |                     |                     |                   |                    | 0.017              | 9.5      | 7913880 | 563082 | 550.2  | 11.7  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1023    |             |                    |                     |                     |                   |                    | 0.01               | 9.4      | 7913880 | 563069 | 549.81 | 11.31 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1025    |             |                    |                     |                     |                   |                    | 0.01               | 9.3      | 7913877 | 563078 | 549.82 | 11.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1101    |             |                    |                     |                     |                   |                    | 0.02               | 9.1      | 7913917 | 562961 | 549.69 | 11.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1103    |             |                    |                     |                     |                   |                    | 0.027              | 9        | 7913911 | 562970 | 549.76 | 11.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1105    |             |                    |                     |                     |                   |                    | 0.019              | 9        | 7913909 | 562980 | 549.76 | 11.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1107    |             |                    |                     |                     |                   |                    | 0.004              | 8.8      | 7913905 | 562988 | 549.58 | 11.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1109    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913901 | 562998 | 549.48 | 10.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1111    |             |                    |                     |                     |                   |                    | 0.008              | 9.5      | 7913898 | 563007 | 549.46 | 10.96 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1113    |             |                    |                     |                     |                   |                    | 0.011              | 9.5      | 7913894 | 563017 | 549.52 | 11.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1115    |             |                    |                     |                     |                   |                    | 0.004              | 9.5      | 7913892 | 563026 | 549.61 | 11.11 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1117    |             |                    |                     |                     |                   |                    | 0.021              | 9.5      | 7913888 | 563036 | 549.64 | 11.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1119    |             |                    |                     |                     |                   |                    | 0.009              | 9.6      | 7913884 | 563045 | 549.51 | 11.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1120    |             |                    |                     |                     |                   |                    | 0.029              | 9.8      | 7913882 | 563049 | 549.62 | 11.12 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1122    |             |                    |                     |                     |                   |                    | 0.03               | 9.7      | 7913879 | 563059 | 549.7  | 11.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1124    |             |                    |                     |                     |                   |                    | 0.012              | 9.1      | 7913875 | 563069 | 549.78 | 11.28 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1200    |             |                    |                     |                     |                   |                    | 0.007              | 9        | 7913914 | 562955 | 549.23 | 10.73 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1202    |             |                    |                     |                     |                   |                    | 0.032              | 9.2      | 7913911 | 562963 | 549.54 | 11.04 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1204    |             |                    |                     |                     |                   |                    | 0.058              | 8.9      | 7913908 | 562972 | 549.56 | 11.06 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1206    |             |                    |                     |                     |                   |                    | 0.054              | 8.9      | 7913904 | 562982 | 549.26 | 10.76 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1208    |             |                    |                     |                     |                   |                    | 0.005              | 9.2      | 7913901 | 562991 | 549.45 | 10.95 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1210    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913897 | 563000 | 549.31 | 10.81 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1212    |             |                    |                     |                     |                   |                    | 0.014              | 9.3      | 7913893 | 563010 | 549.29 | 10.79 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1214    |             |                    |                     |                     |                   |                    | 0.005              | 9.1      | 7913890 | 563019 | 549.5  | 11    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1216    |             |                    |                     |                     |                   |                    | 0.028              | 9.4      | 7913886 | 563028 | 549.39 | 10.89 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1218    |             |                    |                     |                     |                   |                    | 0.09               | 9.6      | 7913883 | 563038 | 549.55 | 11.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1220    |             |                    |                     |                     |                   |                    | 0.03               | 9        | 7913879 | 563047 | 549.55 | 11.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1222    |             |                    |                     |                     |                   |                    | 0.063              | 9.5      | 7913875 | 563056 | 549.63 | 11.13 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1301    |             |                    |                     |                     |                   |                    | 0.014              | 8.9      | 7913908 | 562958 | 549.54 | 11.04 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1303    |             |                    |                     |                     |                   |                    | 0.025              | 9.3      | 7913904 | 562969 | 549.8  | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1305    |             |                    |                     |                     |                   |                    | 0.035              | 8.9      | 7913901 | 562978 | 549.27 | 10.77 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1307    |             |                    |                     |                     |                   |                    | 0.058              | 9.2      | 7913897 | 562987 | 549.43 | 10.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1309    |             |                    |                     |                     |                   |                    | 0.004              | 8.9      | 7913894 | 562996 | 549.4  | 10.9  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1311    |             |                    |                     |                     |                   |                    | 0.01               | 8.9      | 7913890 | 563006 | 549.41 | 10.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1313    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913886 | 563015 | 549.42 | 10.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1315    |             |                    |                     |                     |                   |                    | 0.008              | 9.6      | 7913883 | 563025 | 549.48 | 10.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1317    |             |                    |                     |                     |                   |                    | 0.054              | 9.8      | 7913879 | 563034 | 549.36 | 10.86 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1319    |             |                    |                     |                     |                   |                    | 0.013              | 9.6      | 7913875 | 563043 | 549.56 | 11.06 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1321    |             |                    |                     |                     |                   |                    | 0.043              | 9.3      | 7913872 | 563052 | 549.66 | 11.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1323    |             |                    |                     |                     |                   |                    | 0.005              | 9.2      | 7913868 | 563062 | 549.71 | 11.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1400    |             |                    |                     |                     |                   |                    | 0.026              | 8.6      | 7913906 | 562951 | 549.36 | 10.86 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1402    |             |                    |                     |                     |                   |                    | 0.017              | 8.9      | 7913903 | 562960 | 549.48 | 10.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1404    |             |                    |                     |                     |                   |                    | 0.004              | 9        | 7913899 | 562969 | 549.36 | 10.86 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1406    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913896 | 562979 | 549.31 | 10.81 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1408    |             |                    |                     |                     |                   |                    | 0.061              | 8.9      | 7913892 | 562988 | 549.45 | 10.95 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1410    |             |                    |                     |                     |                   |                    | 0.027              | 9.4      | 7913888 | 562997 | 549.63 | 11.13 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1412    |             |                    |                     |                     |                   |                    | 0.016              | 9        | 7913885 | 563006 | 549.3  | 10.8  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1414    |             |                    |                     |                     |                   |                    | 0.023              | 9.1      | 7913881 | 563015 | 549.37 | 10.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1416    |             |                    |                     |                     |                   |                    | 0.008              | 9.1      | 7913878 | 563025 | 549.48 | 10.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1418    |             |                    |                     |                     |                   |                    | 0.014              | 9.4      | 7913874 | 563035 | 549.61 | 11.11 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1420    |             |                    |                     |                     |                   |                    | 0.003              | 9.6      | 7913870 | 563044 | 549.39 | 10.89 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1422    |             |                    |                     |                     |                   |                    | 0.003              | 9.5      | 7913867 | 563053 | 549.54 | 11.04 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1424    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913863 | 563063 | 549.7  | 11.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1500    |             |                    |                     |                     |                   |                    | 0.016              | 8.6      | 7913901 | 562954 | 549.36 | 10.86 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1502    |             |                    |                     |                     |                   |                    | 0.028              | 9.3      | 7913898 | 562961 | 549.57 | 11.07 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1504    |             |                    |                     |                     |                   |                    | 0.071              | 9.1      | 7913894 | 562970 | 549.52 | 11.02 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 540   | N1_540_013 | 1506    |             |                    |                     |                     |                   |                    | 0.035              | 9        | 7913891 | 562979 | 549.32 | 10.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1508    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913887 | 562989 | 549.57 | 11.07 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1510    |             |                    |                     |                     |                   |                    | 0.014              | 9.2      | 7913884 | 562998 | 549.71 | 11.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1512    |             |                    |                     |                     |                   |                    | 0.004              | 9.1      | 7913880 | 563007 | 549.46 | 10.96 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1514    |             |                    |                     |                     |                   |                    | 0.066              | 9.5      | 7913876 | 563016 | 549.53 | 11.03 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1516    |             |                    |                     |                     |                   |                    | 0.112              | 9.1      | 7913872 | 563026 | 549.47 | 10.97 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1518    |             |                    |                     |                     |                   |                    | 0.054              | 9        | 7913869 | 563035 | 549.72 | 11.22 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1520    |             |                    |                     |                     |                   |                    | 0.003              | 9.4      | 7913865 | 563044 | 549.55 | 11.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1522    |             |                    |                     |                     |                   |                    | 0.004              | 9.5      | 7913862 | 563054 | 549.49 | 10.99 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1600    |             |                    |                     |                     |                   |                    | 0.144              | 9.7      | 7913898 | 562948 | 549.39 | 10.89 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1602    |             |                    |                     |                     |                   |                    | 0.031              | 8.6      | 7913895 | 562957 | 549.73 | 11.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1604    |             |                    |                     |                     |                   |                    | 0.02               | 9.3      | 7913891 | 562966 | 549.44 | 10.94 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1606    |             |                    |                     |                     |                   |                    | 0.061              | 9.1      | 7913887 | 562975 | 549.33 | 10.83 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1608    |             |                    |                     |                     |                   |                    | 0.006              | 8.8      | 7913884 | 562985 | 549.57 | 11.07 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1610    |             |                    |                     |                     |                   |                    | 0.012              | 8.9      | 7913880 | 562994 | 549.7  | 11.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1612    |             |                    |                     |                     |                   |                    | 0.028              | 9.5      | 7913877 | 563003 | 549.6  | 11.1  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1614    |             |                    |                     |                     |                   |                    | 0.018              | 9.4      | 7913873 | 563013 | 549.52 | 11.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1616    |             |                    |                     |                     |                   |                    | 0.037              | 9.7      | 7913869 | 563022 | 549.62 | 11.12 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1618    |             |                    |                     |                     |                   |                    | 0.013              | 9.4      | 7913866 | 563031 | 549.82 | 11.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1620    |             |                    |                     |                     |                   |                    | 0.006              | 9.2      | 7913862 | 563041 | 549.7  | 11.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1622    |             |                    |                     |                     |                   |                    | 0.003              | 9.4      | 7913859 | 563050 | 549.6  | 11.1  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1702    |             |                    |                     |                     |                   |                    | 0.074              | 8.8      | 7913890 | 562957 | 549.64 | 11.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1704    |             |                    |                     |                     |                   |                    | 0.026              | 9.3      | 7913886 | 562967 | 549.46 | 10.96 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1706    |             |                    |                     |                     |                   |                    | 0.133              | 9.7      | 7913882 | 562976 | 549.64 | 11.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1708    |             |                    |                     |                     |                   |                    | 0.163              | 9.4      | 7913879 | 562985 | 549.73 | 11.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1710    |             |                    |                     |                     |                   |                    | 0.016              | 8.8      | 7913875 | 562995 | 549.85 | 11.35 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1712    |             |                    |                     |                     |                   |                    | 0.018              | 8.9      | 7913871 | 563004 | 549.79 | 11.29 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1714    |             |                    |                     |                     |                   |                    | 0.029              | 9.4      | 7913868 | 563013 | 550.18 | 11.68 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1716    |             |                    |                     |                     |                   |                    | 0.007              | 9.5      | 7913864 | 563022 | 550.33 | 11.83 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1718    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913861 | 563032 | 549.83 | 11.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1720    |             |                    |                     |                     |                   |                    | 0.021              | 9.5      | 7913857 | 563042 | 549.94 | 11.44 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1722    |             |                    |                     |                     |                   |                    | 0.005              | 8.9      | 7913853 | 563051 | 549.67 | 11.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1800    |             |                    |                     |                     |                   |                    | 0.044              | 8.7      | 7913890 | 562944 | 549.84 | 11.34 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1802    |             |                    |                     |                     |                   |                    | 0.078              | 9.5      | 7913886 | 562953 | 549.64 | 11.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1804    |             |                    |                     |                     |                   |                    | 0.077              | 8.7      | 7913883 | 562963 | 549.56 | 11.06 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1806    |             |                    |                     |                     |                   |                    | 0.015              | 9.6      | 7913879 | 562972 | 549.71 | 11.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1808    |             |                    |                     |                     |                   |                    | 0.007              | 9.6      | 7913875 | 562981 | 549.8  | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1810    |             |                    |                     |                     |                   |                    | 0.106              | 9.3      | 7913872 | 562991 | 549.6  | 11.1  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1812    |             |                    |                     |                     |                   |                    | 0.109              | 9.1      | 7913868 | 563000 | 549.98 | 11.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1814    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913865 | 563009 | 550.3  | 11.8  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1816    |             |                    |                     |                     |                   |                    | 0.029              | 8.8      | 7913861 | 563019 | 550.22 | 11.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1818    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913857 | 563028 | 550.1  | 11.6  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1820    |             |                    |                     |                     |                   |                    | 0.01               | 9.2      | 7913854 | 563037 | 550.08 | 11.58 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1822    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913851 | 563046 | 550.12 | 11.62 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1900    |             |                    |                     |                     |                   |                    | 0.096              | 8.8      | 7913884 | 562947 | 549.7  | 11.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1902    |             |                    |                     |                     |                   |                    | 0.06               | 9.2      | 7913881 | 562954 | 549.63 | 11.13 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1906    |             |                    |                     |                     |                   |                    | 0.003              | 9.4      | 7913874 | 562973 | 549.43 | 10.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1908    |             |                    |                     |                     |                   |                    | 0.011              | 9.4      | 7913870 | 562982 | 549.73 | 11.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1910    |             |                    |                     |                     |                   |                    | 0.011              | 9.5      | 7913867 | 562991 | 549.77 | 11.27 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1912    |             |                    |                     |                     |                   |                    | 0.005              | 9.4      | 7913863 | 563001 | 550.21 | 11.71 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1914    |             |                    |                     |                     |                   |                    | 0.046              | 9.2      | 7913860 | 563010 | 550.4  | 11.9  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1916    |             |                    |                     |                     |                   |                    | 0.01               | 9        | 7913856 | 563020 | 550.3  | 11.8  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1918    |             |                    |                     |                     |                   |                    | 0.01               | 8.8      | 7913852 | 563029 | 550.02 | 11.52 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 1920    |             |                    |                     |                     |                   |                    | 0.006              | 8.9      | 7913849 | 563038 | 550.11 | 11.61 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 2000    |             |                    |                     |                     |                   |                    | 0.046              | 9.3      | 7913881 | 562941 | 549.95 | 11.45 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 2002    |             |                    |                     |                     |                   |                    | 0.11               | 9.1      | 7913878 | 562950 | 549.81 | 11.31 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 540   | N1_540_013 | 2004    |             |                    |                     |                     |                   |                    | 0.036              | 9.3      | 7913874 | 562959 | 549.74 | 11.24 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 2006    |             |                    |                     |                     |                   |                    | 0.03               | 8.7      | 7913870 | 562969 | 549.57 | 11.07 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 2008    |             |                    |                     |                     |                   |                    | 0.004              | 9.1      | 7913867 | 562978 | 549.47 | 10.97 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 2010    |             |                    |                     |                     |                   |                    | 0.021              | 9.6      | 7913863 | 562987 | 549.67 | 11.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 2012    |             |                    |                     |                     |                   |                    | 0.037              | 9.1      | 7913860 | 562997 | 550.16 | 11.66 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 2014    |             |                    |                     |                     |                   |                    | 0.099              | 9        | 7913856 | 563006 | 550.4  | 11.9  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 2016    |             |                    |                     |                     |                   |                    | 0.02               | 8.8      | 7913852 | 563015 | 550.22 | 11.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 2018    |             |                    |                     |                     |                   |                    | 0.004              | 8.8      | 7913849 | 563025 | 550.03 | 11.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 2020    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913845 | 563034 | 550.2  | 11.7  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_013 | 2021    |             |                    |                     |                     |                   |                    | 0.005              | 8.7      | 7913844 | 563039 | 550.28 | 11.78 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1000    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913781 | 563073 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1002    |             |                    |                     |                     |                   |                    | 0.003              | 8.5      | 7913782 | 563080 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1004    |             |                    |                     |                     |                   |                    | 0.004              | 8.7      | 7913784 | 563087 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1006    |             |                    |                     |                     |                   |                    | 0.003              | 8.6      | 7913786 | 563093 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1008    |             |                    |                     |                     |                   |                    | 0.003              | 8.4      | 7913788 | 563100 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1010    |             |                    |                     |                     |                   |                    | 0.003              | 8.6      | 7913789 | 563106 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1012    |             |                    |                     |                     |                   |                    | 0.004              | 8.5      | 7913790 | 563113 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1014    |             |                    |                     |                     |                   |                    | 0.003              | 8.6      | 7913790 | 563120 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1016    |             |                    |                     |                     |                   |                    | 0.022              | 8.6      | 7913791 | 563127 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1018    |             |                    |                     |                     |                   |                    | 0.004              | 8.6      | 7913792 | 563134 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1020    |             |                    |                     |                     |                   |                    | 0.053              | 8.6      | 7913794 | 563141 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1101    |             |                    |                     |                     |                   |                    | 0.003              | 8.3      | 7913778 | 563076 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1103    |             |                    |                     |                     |                   |                    | 0.003              | 8.3      | 7913780 | 563083 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1105    |             |                    |                     |                     |                   |                    | 0.003              | 8.5      | 7913782 | 563090 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1107    |             |                    |                     |                     |                   |                    | 0.003              | 8.2      | 7913783 | 563097 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1109    |             |                    |                     |                     |                   |                    | 0.003              | 8.6      | 7913786 | 563103 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1111    |             |                    |                     |                     |                   |                    | 0.004              | 8.6      | 7913786 | 563110 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1113    |             |                    |                     |                     |                   |                    | 0.005              | 8.4      | 7913787 | 563117 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1115    |             |                    |                     |                     |                   |                    | 0.005              | 8.5      | 7913788 | 563124 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1117 D  |             |                    |                     |                     |                   |                    | 0.006              | 8.5      | 7913789 | 563131 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1119    |             |                    |                     |                     |                   |                    | 0.034              | 8.6      | 7913790 | 563138 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1120    |             |                    |                     |                     |                   |                    | 0.006              | 8.3      | 7913791 | 563141 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1121    |             |                    |                     |                     |                   |                    | 0.005              | 8.5      | 7913793 | 563144 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1208    |             |                    |                     |                     |                   |                    | 0.003              | 8.1      | 7913783 | 563100 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_014 | 1210    |             |                    |                     |                     |                   |                    | 0.003              | 8.5      | 7913785 | 563107 | 546    | 7.5   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 201     |             |                    |                     |                     |                   |                    | 0.019              | 10.1     | 7913878 | 562931 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 203     |             |                    |                     |                     |                   |                    | 0.038              | 9        | 7913871 | 562928 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 206     |             |                    |                     |                     |                   |                    | 0.008              | 9.8      | 7913861 | 562924 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 207     |             |                    |                     |                     |                   |                    | 0.007              | 9.5      | 7913857 | 562923 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 209     |             |                    |                     |                     |                   |                    | 0.196              | 9.3      | 7913851 | 562920 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 210     |             |                    |                     |                     |                   |                    | 0.062              | 9.7      | 7913847 | 562918 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 211     |             |                    |                     |                     |                   |                    | 0.056              | 9.3      | 7913844 | 562917 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 212     |             |                    |                     |                     |                   |                    | 0.15               | 9.5      | 7913840 | 562915 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 214     |             |                    |                     |                     |                   |                    | 0.006              | 10       | 7913834 | 562913 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 300     |             |                    |                     |                     |                   |                    | 0.022              | 10.1     | 7913879 | 562935 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 302     |             |                    |                     |                     |                   |                    | 0.023              | 9.7      | 7913872 | 562932 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 304     |             |                    |                     |                     |                   |                    | 0.004              | 9.8      | 7913865 | 562929 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 307     |             |                    |                     |                     |                   |                    | 0.132              | 9.2      | 7913852 | 562924 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 308     |             |                    |                     |                     |                   |                    | 0.136              | 9.2      | 7913848 | 562922 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 311     |             |                    |                     |                     |                   |                    | 0.007              | 9.5      | 7913836 | 562917 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 312     |             |                    |                     |                     |                   |                    | 0.004              | 10       | 7913832 | 562915 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1101    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913841 | 563028 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1103    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913844 | 563019 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1105    |             |                    |                     |                     |                   |                    | 0.026              | 9.7      | 7913848 | 563010 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1107    |             |                    |                     |                     |                   |                    | 0.05               | 9.8      | 7913852 | 563001 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1109    |             |                    |                     |                     |                   |                    | 0.003              | 9.8      | 7913855 | 562991 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z   | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|-----|-------|---------------------------|--------|
| 2021 | Pit      | 540   | N1_540_015 | 1110    |             |                    |                     |                     |                   |                    | 0.006              | 9.2      | 7913857 | 562986 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1113    |             |                    |                     |                     |                   |                    | 0.004              | 8.9      | 7913862 | 562972 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1115    |             |                    |                     |                     |                   |                    | 0.111              | 9.1      | 7913866 | 562963 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1117    |             |                    |                     |                     |                   |                    | 0.044              | 9.8      | 7913870 | 562953 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1119    |             |                    |                     |                     |                   |                    | 0.033              | 9.4      | 7913873 | 562944 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1200    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913836 | 563029 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1202    |             |                    |                     |                     |                   |                    | 0.014              | 9.2      | 7913839 | 563020 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1204    |             |                    |                     |                     |                   |                    | 0.063              | 9.7      | 7913843 | 563011 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1206    |             |                    |                     |                     |                   |                    | 0.025              | 9.9      | 7913847 | 563001 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1208    |             |                    |                     |                     |                   |                    | 0.015              | 9.2      | 7913850 | 562992 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1210    |             |                    |                     |                     |                   |                    | 0.003              | 9.5      | 7913854 | 562983 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1212    |             |                    |                     |                     |                   |                    | 0.003              | 9.6      | 7913857 | 562973 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1214    |             |                    |                     |                     |                   |                    | 0.066              | 9.3      | 7913861 | 562964 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1216    |             |                    |                     |                     |                   |                    | 0.036              | 9.6      | 7913865 | 562955 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1218    |             |                    |                     |                     |                   |                    | 0.012              | 9.4      | 7913868 | 562945 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1220    |             |                    |                     |                     |                   |                    | 0.043              | 9.8      | 7913872 | 562936 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1301    |             |                    |                     |                     |                   |                    | 0.023              | 9.1      | 7913834 | 563021 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1303    |             |                    |                     |                     |                   |                    | 0.009              | 9.8      | 7913838 | 563011 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1305    |             |                    |                     |                     |                   |                    | 0.014              | 9.7      | 7913841 | 563002 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1307    |             |                    |                     |                     |                   |                    | 0.008              | 9.7      | 7913845 | 562993 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1309    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913849 | 562983 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1311    |             |                    |                     |                     |                   |                    | 0.003              | 9.4      | 7913852 | 562974 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1313    |             |                    |                     |                     |                   |                    | 0.037              | 9.7      | 7913856 | 562965 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1315    |             |                    |                     |                     |                   |                    | 0.004              | 10       | 7913859 | 562955 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1317    |             |                    |                     |                     |                   |                    | 0.057              | 9.3      | 7913863 | 562946 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1319    |             |                    |                     |                     |                   |                    | 0.048              | 9.9      | 7913866 | 562936 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1400    |             |                    |                     |                     |                   |                    | 0.031              | 9        | 7913829 | 563021 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1402    |             |                    |                     |                     |                   |                    | 0.012              | 9.7      | 7913833 | 563012 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1404    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913836 | 563003 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1406    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913840 | 562993 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1408    |             |                    |                     |                     |                   |                    | 0.011              | 9.1      | 7913844 | 562984 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1410    |             |                    |                     |                     |                   |                    | 0.012              | 8.9      | 7913847 | 562975 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1412    |             |                    |                     |                     |                   |                    | 0.023              | 9.7      | 7913851 | 562965 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1414    |             |                    |                     |                     |                   |                    | 0.003              | 10.1     | 7913854 | 562956 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1416    |             |                    |                     |                     |                   |                    | 0.009              | 9.1      | 7913858 | 562947 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1418    |             |                    |                     |                     |                   |                    | 0.025              | 9.7      | 7913862 | 562937 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1501    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913828 | 563013 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1503    |             |                    |                     |                     |                   |                    | 0.004              | 9.4      | 7913831 | 563003 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1505    |             |                    |                     |                     |                   |                    | 0.008              | 8.9      | 7913835 | 562994 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1507    |             |                    |                     |                     |                   |                    | 0.02               | 9        | 7913838 | 562985 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1509    |             |                    |                     |                     |                   |                    | 0.008              | 8.9      | 7913842 | 562975 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1511    |             |                    |                     |                     |                   |                    | 0.025              | 9.9      | 7913845 | 562966 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1513    |             |                    |                     |                     |                   |                    | 0.018              | 9.1      | 7913849 | 562957 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1515    |             |                    |                     |                     |                   |                    | 0.029              | 9.3      | 7913852 | 562947 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1517    |             |                    |                     |                     |                   |                    | 0.046              | 9        | 7913856 | 562938 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1519    |             |                    |                     |                     |                   |                    | 0.009              | 9.6      | 7913860 | 562931 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1600    |             |                    |                     |                     |                   |                    | 0.007              | 9        | 7913823 | 563013 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1602    |             |                    |                     |                     |                   |                    | 0.004              | 9.1      | 7913826 | 563004 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1604    |             |                    |                     |                     |                   |                    | 0.112              | 9        | 7913830 | 562995 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1606    |             |                    |                     |                     |                   |                    | 0.044              | 8.9      | 7913833 | 562986 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1608    |             |                    |                     |                     |                   |                    | 0.019              | 9.5      | 7913837 | 562976 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1610    |             |                    |                     |                     |                   |                    | 0.024              | 9.9      | 7913841 | 562967 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1612    |             |                    |                     |                     |                   |                    | 0.017              | 9.2      | 7913844 | 562958 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1614    |             |                    |                     |                     |                   |                    | 0.014              | 9.4      | 7913848 | 562948 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1616    |             |                    |                     |                     |                   |                    | 0.197              | 9        | 7913851 | 562939 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1618    |             |                    |                     |                     |                   |                    | 0.07               | 9        | 7913855 | 562930 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z   | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|-----|-------|---------------------------|--------|
| 2021 | Pit      | 540   | N1_540_015 | 1701    |             |                    |                     |                     |                   |                    | 0.003              | 9.4      | 7913821 | 563005 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1703    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913825 | 562996 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1705    |             |                    |                     |                     |                   |                    | 0.076              | 9.3      | 7913828 | 562986 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1707    |             |                    |                     |                     |                   |                    | 0.018              | 10.1     | 7913832 | 562977 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1709    |             |                    |                     |                     |                   |                    | 0.048              | 9.5      | 7913835 | 562967 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1711    |             |                    |                     |                     |                   |                    | 0.051              | 9.3      | 7913839 | 562958 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1713    |             |                    |                     |                     |                   |                    | 0.164              | 9.2      | 7913842 | 562949 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1715    |             |                    |                     |                     |                   |                    | 0.051              | 9.5      | 7913846 | 562939 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1717    |             |                    |                     |                     |                   |                    | 0.083              | 9.5      | 7913849 | 562931 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1800    |             |                    |                     |                     |                   |                    | 0.007              | 9.2      | 7913816 | 563005 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1802    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913820 | 562996 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1804    |             |                    |                     |                     |                   |                    | 0.034              | 9.4      | 7913823 | 562987 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1806    |             |                    |                     |                     |                   |                    | 0.032              | 9.3      | 7913827 | 562978 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1808    |             |                    |                     |                     |                   |                    | 0.032              | 9.1      | 7913830 | 562968 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1810    |             |                    |                     |                     |                   |                    | 0.07               | 9.3      | 7913834 | 562959 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1812    |             |                    |                     |                     |                   |                    | 0.019              | 9.6      | 7913838 | 562950 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1814    |             |                    |                     |                     |                   |                    | 0.031              | 9.9      | 7913841 | 562940 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1816    |             |                    |                     |                     |                   |                    | 0.075              | 9.4      | 7913845 | 562931 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1901    |             |                    |                     |                     |                   |                    | 0.041              | 9.4      | 7913814 | 562997 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1903    |             |                    |                     |                     |                   |                    | 0.02               | 9.9      | 7913818 | 562988 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1905    |             |                    |                     |                     |                   |                    | 0.018              | 9.4      | 7913822 | 562978 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1907    |             |                    |                     |                     |                   |                    | 0.021              | 9.4      | 7913825 | 562969 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1909    |             |                    |                     |                     |                   |                    | 0.016              | 9.6      | 7913829 | 562960 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1911    |             |                    |                     |                     |                   |                    | 0.023              | 9.7      | 7913832 | 562950 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1913    |             |                    |                     |                     |                   |                    | 0.062              | 9.5      | 7913836 | 562941 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1915    |             |                    |                     |                     |                   |                    | 0.02               | 9.4      | 7913840 | 562932 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 1917    |             |                    |                     |                     |                   |                    | 0.014              | 9.1      | 7913843 | 562923 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2001    |             |                    |                     |                     |                   |                    | 0.006              | 9.7      | 7913811 | 562993 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2002    |             |                    |                     |                     |                   |                    | 0.006              | 10       | 7913813 | 562988 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2004    |             |                    |                     |                     |                   |                    | 0.065              | 9.2      | 7913817 | 562979 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2006    |             |                    |                     |                     |                   |                    | 0.013              | 9.1      | 7913820 | 562970 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2008    |             |                    |                     |                     |                   |                    | 0.07               | 9.7      | 7913824 | 562960 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2010    |             |                    |                     |                     |                   |                    | 0.046              | 9.3      | 7913827 | 562951 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2012    |             |                    |                     |                     |                   |                    | 0.006              | 9.1      | 7913831 | 562942 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2014    |             |                    |                     |                     |                   |                    | 0.008              | 9.7      | 7913835 | 562932 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2016    |             |                    |                     |                     |                   |                    | 0.052              | 9.9      | 7913838 | 562923 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2101    |             |                    |                     |                     |                   |                    | 0.012              | 9.8      | 7913808 | 562989 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2103    |             |                    |                     |                     |                   |                    | 0.066              | 9.4      | 7913811 | 562980 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2105    |             |                    |                     |                     |                   |                    | 0.044              | 9.2      | 7913815 | 562970 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2107    |             |                    |                     |                     |                   |                    | 0.04               | 9.1      | 7913819 | 562961 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2109    |             |                    |                     |                     |                   |                    | 0.054              | 9        | 7913822 | 562952 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2111    |             |                    |                     |                     |                   |                    | 0.01               | 9.1      | 7913826 | 562942 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2113    |             |                    |                     |                     |                   |                    | 0.132              | 9.6      | 7913830 | 562933 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2115    |             |                    |                     |                     |                   |                    | 0.053              | 9.9      | 7913833 | 562924 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2200    |             |                    |                     |                     |                   |                    | 0.046              | 9.1      | 7913803 | 562990 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2202    |             |                    |                     |                     |                   |                    | 0.063              | 9.1      | 7913806 | 562980 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2204    |             |                    |                     |                     |                   |                    | 0.084              | 9.2      | 7913810 | 562971 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2206    |             |                    |                     |                     |                   |                    | 0.045              | 9        | 7913814 | 562962 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2208    |             |                    |                     |                     |                   |                    | 0.031              | 9.1      | 7913817 | 562952 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2210    |             |                    |                     |                     |                   |                    | 0.013              | 9.8      | 7913821 | 562943 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2212    |             |                    |                     |                     |                   |                    | 0.04               | 9.2      | 7913825 | 562934 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_015 | 2214    |             |                    |                     |                     |                   |                    | 0.04               | 9.6      | 7913828 | 562924 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_017 | 1026    |             |                    |                     |                     |                   |                    | 0.004              | 8.1      | 7913882 | 563096 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_017 | 1125    |             |                    |                     |                     |                   |                    | 0.021              | 6.5      | 7913883 | 563104 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_017 | 1200    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913877 | 563099 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_017 | 1402    |             |                    |                     |                     |                   |                    | 0.033              | 7.1      | 7913879 | 563108 | 550 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 540   | N1_540_017 | 1602    |             |                    |                     |                     |                   |                    | 0.026              | 6.8      | 7913873 | 563114 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_017 | 2101    |             |                    |                     |                     |                   |                    | 0.017              | 7.6      | 7913852 | 563131 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_017 | 2200    |             |                    |                     |                     |                   |                    | 0.025              | 7.1      | 7913849 | 563134 | 550    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1816    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913771 | 562977 | 543.12 | 4.62  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1913    |             |                    |                     |                     |                   |                    | 0.006              | 8.8      | 7913772 | 562961 | 543.21 | 4.71  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1915    |             |                    |                     |                     |                   |                    | 0.006              | 8.8      | 7913769 | 562970 | 543.37 | 4.87  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2006    |             |                    |                     |                     |                   |                    | 0.019              | 9        | 7913780 | 562930 | 543.8  | 5.3   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2008    |             |                    |                     |                     |                   |                    | 0.009              | 8.7      | 7913777 | 562939 | 543.59 | 5.09  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2010    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913774 | 562948 | 543.34 | 4.84  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2012    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913770 | 562957 | 543.42 | 4.92  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2014    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913766 | 562967 | 543.41 | 4.91  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2016    |             |                    |                     |                     |                   |                    | 0.003              | 8.4      | 7913763 | 562973 | 543.12 | 4.62  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2105    |             |                    |                     |                     |                   |                    | 0.004              | 8.7      | 7913779 | 562921 | 543.93 | 5.43  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2107    |             |                    |                     |                     |                   |                    | 0.006              | 8.6      | 7913775 | 562930 | 543.24 | 4.74  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2109    |             |                    |                     |                     |                   |                    | 0.005              | 8.5      | 7913772 | 562939 | 543.7  | 5.2   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2111    |             |                    |                     |                     |                   |                    | 0.016              | 8.8      | 7913768 | 562949 | 543.64 | 5.14  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2113    |             |                    |                     |                     |                   |                    | 0.008              | 8.7      | 7913765 | 562958 | 543.32 | 4.82  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2114    |             |                    |                     |                     |                   |                    | 0.004              | 8.6      | 7913763 | 562963 | 543.47 | 4.97  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2115    |             |                    |                     |                     |                   |                    | 0.009              | 8.3      | 7913762 | 562967 | 543.35 | 4.85  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2204    |             |                    |                     |                     |                   |                    | 0.008              | 8.4      | 7913776 | 562917 | 543.57 | 5.07  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2206    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913773 | 562926 | 542.99 | 4.49  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2210    |             |                    |                     |                     |                   |                    | 0.006              | 8.8      | 7913766 | 562945 | 543.54 | 5.03  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2212    |             |                    |                     |                     |                   |                    | 0.018              | 8.3      | 7913763 | 562954 | 543.68 | 5.18  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2303    |             |                    |                     |                     |                   |                    | 0.013              | 8.2      | 7913776 | 562909 | 543.63 | 5.13  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2305    |             |                    |                     |                     |                   |                    | 0.008              | 8        | 7913772 | 562918 | 543.33 | 4.83  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2309    |             |                    |                     |                     |                   |                    | 0.005              | 8.9      | 7913766 | 562937 | 543.34 | 4.84  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 201     |             |                    |                     |                     |                   |                    | 0.016              | 9.3      | 7913826 | 562910 | 549.04 | 10.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 203     |             |                    |                     |                     |                   |                    | 0.019              | 9.8      | 7913820 | 562907 | 548.79 | 10.29 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 205     |             |                    |                     |                     |                   |                    | 0.075              | 9.1      | 7913813 | 562904 | 548.57 | 10.07 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 206     |             |                    |                     |                     |                   |                    | 0.018              | 9        | 7913810 | 562903 | 548.59 | 10.09 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 208     |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913803 | 562900 | 546.99 | 8.49  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 210     |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913796 | 562897 | 545.62 | 7.12  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 211     |             |                    |                     |                     |                   |                    | 0.005              | 8.4      | 7913793 | 562896 | 545.39 | 6.89  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 302     |             |                    |                     |                     |                   |                    | 0.037              | 9.7      | 7913822 | 562911 | 548.97 | 10.47 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 304     |             |                    |                     |                     |                   |                    | 0.185              | 9.2      | 7913814 | 562908 | 548.92 | 10.42 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 306     |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913806 | 562905 | 548.76 | 10.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 308     |             |                    |                     |                     |                   |                    | 0.008              | 8.6      | 7913797 | 562901 | 545.65 | 7.15  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 310     |             |                    |                     |                     |                   |                    | 0.005              | 8.9      | 7913789 | 562897 | 544.95 | 6.45  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1200    |             |                    |                     |                     |                   |                    | 0.183              | 9.4      | 7913824 | 562917 | 549.15 | 10.65 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1202    |             |                    |                     |                     |                   |                    | 0.136              | 9.4      | 7913822 | 562924 | 548.84 | 10.34 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1204    |             |                    |                     |                     |                   |                    | 0.079              | 9.4      | 7913818 | 562933 | 549.05 | 10.55 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1206    |             |                    |                     |                     |                   |                    | 0.093              | 9.3      | 7913814 | 562943 | 549.33 | 10.83 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1208    |             |                    |                     |                     |                   |                    | 0.074              | 9.1      | 7913810 | 562952 | 549.45 | 10.95 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1210    |             |                    |                     |                     |                   |                    | 0.042              | 9        | 7913806 | 562961 | 549.37 | 10.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1212    |             |                    |                     |                     |                   |                    | 0.065              | 9.1      | 7913803 | 562971 | 548.99 | 10.49 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1214    |             |                    |                     |                     |                   |                    | 0.011              | 9.1      | 7913799 | 562980 | 548.76 | 10.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1216    |             |                    |                     |                     |                   |                    | 0.01               | 9.2      | 7913796 | 562987 | 549.25 | 10.75 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1302    |             |                    |                     |                     |                   |                    | 0.086              | 9.4      | 7913818 | 562921 | 548.88 | 10.38 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1303    |             |                    |                     |                     |                   |                    | 0.1                | 9.2      | 7913817 | 562925 | 548.66 | 10.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1305    |             |                    |                     |                     |                   |                    | 0.117              | 9.3      | 7913813 | 562935 | 548.89 | 10.39 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1307    |             |                    |                     |                     |                   |                    | 0.098              | 9.5      | 7913809 | 562944 | 549.37 | 10.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1311    |             |                    |                     |                     |                   |                    | 0.146              | 9.4      | 7913802 | 562962 | 549.35 | 10.85 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1313    |             |                    |                     |                     |                   |                    | 0.014              | 9.1      | 7913798 | 562971 | 548.86 | 10.36 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1315    |             |                    |                     |                     |                   |                    | 0.009              | 9        | 7913794 | 562981 | 549.24 | 10.74 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1404 D  |             |                    |                     |                     |                   |                    | 0.086              | 9.6      | 7913809 | 562930 | 549.22 | 10.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1406    |             |                    |                     |                     |                   |                    | 0.099              | 9        | 7913806 | 562940 | 549.65 | 11.15 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 540   | N1_540_019 | 1408    |             |                    |                     |                     |                   |                    | 0.06               | 9.2      | 7913802 | 562949 | 549.74 | 11.24 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1410    |             |                    |                     |                     |                   |                    | 0.045              | 9        | 7913799 | 562958 | 549.11 | 10.61 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1412    |             |                    |                     |                     |                   |                    | 0.155              | 9.1      | 7913795 | 562968 | 549.01 | 10.51 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1414    |             |                    |                     |                     |                   |                    | 0.016              | 9.1      | 7913791 | 562977 | 548.92 | 10.42 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1416    |             |                    |                     |                     |                   |                    | 0.007              | 9        | 7913789 | 562984 | 549.21 | 10.71 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1502    |             |                    |                     |                     |                   |                    | 0.012              | 9.8      | 7913810 | 562917 | 548.48 | 9.98  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1503    |             |                    |                     |                     |                   |                    | 0.066              | 9.9      | 7913809 | 562922 | 548.77 | 10.27 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1505    |             |                    |                     |                     |                   |                    | 0.046              | 9.9      | 7913804 | 562931 | 549.28 | 10.78 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1507    |             |                    |                     |                     |                   |                    | 0.005              | 9.8      | 7913801 | 562940 | 549.38 | 10.88 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1509    |             |                    |                     |                     |                   |                    | 0.07               | 9.5      | 7913797 | 562949 | 549.31 | 10.81 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1511    |             |                    |                     |                     |                   |                    | 0.003              | 9.5      | 7913793 | 562959 | 548.77 | 10.27 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1513    |             |                    |                     |                     |                   |                    | 0.066              | 8.9      | 7913789 | 562968 | 548.65 | 10.15 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1515    |             |                    |                     |                     |                   |                    | 0.028              | 9.1      | 7913784 | 562977 | 546.26 | 7.76  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1600    |             |                    |                     |                     |                   |                    | 0.008              | 8.5      | 7913808 | 562911 | 548.59 | 10.09 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1602    |             |                    |                     |                     |                   |                    | 0.022              | 9.2      | 7913805 | 562918 | 548.7  | 10.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1604    |             |                    |                     |                     |                   |                    | 0.018              | 9.4      | 7913801 | 562927 | 549.12 | 10.62 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1606    |             |                    |                     |                     |                   |                    | 0.012              | 9.4      | 7913797 | 562936 | 549.47 | 10.97 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1608    |             |                    |                     |                     |                   |                    | 0.009              | 9.5      | 7913794 | 562945 | 549.12 | 10.62 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1610    |             |                    |                     |                     |                   |                    | 0.007              | 9.2      | 7913790 | 562955 | 549.07 | 10.57 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1612    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913788 | 562964 | 548.85 | 10.35 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1614    |             |                    |                     |                     |                   |                    | 0.182              | 9.1      | 7913783 | 562973 | 546.39 | 7.88  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1616    |             |                    |                     |                     |                   |                    | 0.068              | 9.5      | 7913780 | 562980 | 546.14 | 7.64  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1702    |             |                    |                     |                     |                   |                    | 0.024              | 9        | 7913802 | 562914 | 548.8  | 10.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1703    |             |                    |                     |                     |                   |                    | 0.008              | 9.1      | 7913801 | 562918 | 548.73 | 10.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1705    |             |                    |                     |                     |                   |                    | 0.022              | 9.2      | 7913796 | 562928 | 549.1  | 10.6  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1707    |             |                    |                     |                     |                   |                    | 0.003              | 8.5      | 7913793 | 562937 | 549.51 | 11.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1709    |             |                    |                     |                     |                   |                    | 0.012              | 8.8      | 7913790 | 562947 | 549.32 | 10.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1711    |             |                    |                     |                     |                   |                    | 0.006              | 9.5      | 7913784 | 562955 | 546.27 | 7.77  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1713    |             |                    |                     |                     |                   |                    | 0.009              | 9.6      | 7913781 | 562964 | 546.12 | 7.62  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1715 D  |             |                    |                     |                     |                   |                    | 0.04               | 9.6      | 7913778 | 562974 | 546.23 | 7.73  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1800    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913798 | 562907 | 545.73 | 7.23  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1804    |             |                    |                     |                     |                   |                    | 0.003              | 9.4      | 7913791 | 562923 | 545.36 | 6.86  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1806    |             |                    |                     |                     |                   |                    | 0.011              | 9.5      | 7913789 | 562933 | 546.48 | 7.98  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1808    |             |                    |                     |                     |                   |                    | 0.019              | 9.3      | 7913786 | 562942 | 546.29 | 7.79  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1810    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913782 | 562952 | 546.09 | 7.59  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1812    |             |                    |                     |                     |                   |                    | 0.004              | 9.3      | 7913778 | 562961 | 545.94 | 7.44  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1814    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913775 | 562970 | 545.96 | 7.46  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1902    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913794 | 562910 | 544.98 | 6.48  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1903    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913792 | 562915 | 544.55 | 6.05  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1905    |             |                    |                     |                     |                   |                    | 0.043              | 7.5      | 7913788 | 562924 | 545.44 | 6.94  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1907    |             |                    |                     |                     |                   |                    | 0.007              | 9.4      | 7913784 | 562933 | 546.16 | 7.66  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1909    |             |                    |                     |                     |                   |                    | 0.012              | 8.8      | 7913781 | 562943 | 546.32 | 7.82  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 1911    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913778 | 562952 | 546.03 | 7.53  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2000    |             |                    |                     |                     |                   |                    | 0.004              | 8.3      | 7913791 | 562904 | 544.9  | 6.4   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2002 D  |             |                    |                     |                     |                   |                    | 0.006              | 8.7      | 7913788 | 562912 | 544.47 | 5.97  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2004    |             |                    |                     |                     |                   |                    | 0.005              | 8.9      | 7913785 | 562920 | 544.96 | 6.46  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2102    |             |                    |                     |                     |                   |                    | 0.005              | 8.4      | 7913785 | 562907 | 544.25 | 5.75  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2103    |             |                    |                     |                     |                   |                    | 0.004              | 8.8      | 7913783 | 562912 | 544.31 | 5.81  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2200    |             |                    |                     |                     |                   |                    | 0.026              | 8.6      | 7913785 | 562900 | 544.84 | 6.34  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2201    |             |                    |                     |                     |                   |                    | 0.03               | 8.2      | 7913782 | 562903 | 544.26 | 5.76  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2202    |             |                    |                     |                     |                   |                    | 0.004              | 8.7      | 7913780 | 562908 | 544.05 | 5.55  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_019 | 2208    |             |                    |                     |                     |                   |                    | 0.008              | 8.9      | 7913769 | 562935 | 543.36 | 4.86  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1011    |             |                    |                     |                     |                   |                    | 0.056              | 9.5      | 7913834 | 563038 | 550.44 | 11.94 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1013    |             |                    |                     |                     |                   |                    | 0.022              | 9.4      | 7913825 | 563035 | 550.24 | 11.74 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1110    |             |                    |                     |                     |                   |                    | 0.074              | 8.8      | 7913839 | 563045 | 550.38 | 11.88 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1112    |             |                    |                     |                     |                   |                    | 0.01               | 9.3      | 7913830 | 563041 | 550.27 | 11.77 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 540   | N1_540_021 | 1200    |             |                    |                     |                     |                   |                    | 0.003              | 9.4      | 7913844 | 563052 | 550.03 | 11.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1211    |             |                    |                     |                     |                   |                    | 0.056              | 8.7      | 7913835 | 563048 | 550.05 | 11.55 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1213    |             |                    |                     |                     |                   |                    | 0.008              | 9.2      | 7913825 | 563044 | 550.34 | 11.84 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1301    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913848 | 563058 | 549.77 | 11.27 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1303    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913853 | 563063 | 550.06 | 11.56 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1310    |             |                    |                     |                     |                   |                    | 0.004              | 9.5      | 7913840 | 563055 | 550.02 | 11.52 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1312    |             |                    |                     |                     |                   |                    | 0.094              | 8.6      | 7913830 | 563051 | 549.93 | 11.43 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1400    |             |                    |                     |                     |                   |                    | 0.003              | 9.4      | 7913844 | 563061 | 549.85 | 11.35 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1402    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913852 | 563064 | 550.02 | 11.52 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1404    |             |                    |                     |                     |                   |                    | 0.005              | 9.5      | 7913857 | 563069 | 550.06 | 11.56 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1411    |             |                    |                     |                     |                   |                    | 0.007              | 8.9      | 7913835 | 563058 | 550.01 | 11.51 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1413 D  |             |                    |                     |                     |                   |                    | 0.148              | 8.9      | 7913826 | 563054 | 549.98 | 11.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1501    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913848 | 563067 | 550.08 | 11.58 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1503    |             |                    |                     |                     |                   |                    | 0.003              | 9.5      | 7913856 | 563070 | 550.06 | 11.55 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1505    |             |                    |                     |                     |                   |                    | 0.005              | 8.9      | 7913861 | 563075 | 550.1  | 11.6  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1510    |             |                    |                     |                     |                   |                    | 0.003              | 9.4      | 7913840 | 563064 | 549.96 | 11.46 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1512    |             |                    |                     |                     |                   |                    | 0.007              | 8.6      | 7913831 | 563061 | 550.14 | 11.64 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1600    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913845 | 563071 | 550.21 | 11.71 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1602    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913853 | 563074 | 550.29 | 11.79 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1604    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913860 | 563076 | 550.04 | 11.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1606    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913866 | 563079 | 550.03 | 11.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1611    |             |                    |                     |                     |                   |                    | 0.031              | 9.3      | 7913836 | 563067 | 550.08 | 11.58 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1613    |             |                    |                     |                     |                   |                    | 0.022              | 9        | 7913827 | 563064 | 550.37 | 11.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1701    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913850 | 563077 | 550.44 | 11.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1703    |             |                    |                     |                     |                   |                    | 0.007              | 9.1      | 7913856 | 563080 | 550.32 | 11.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1705    |             |                    |                     |                     |                   |                    | 0.006              | 9.1      | 7913863 | 563082 | 550.19 | 11.69 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1707    |             |                    |                     |                     |                   |                    | 0.008              | 8.9      | 7913869 | 563087 | 550.5  | 12    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1710    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913841 | 563074 | 550.43 | 11.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1712    |             |                    |                     |                     |                   |                    | 0.022              | 9.2      | 7913832 | 563070 | 550.26 | 11.76 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1800    |             |                    |                     |                     |                   |                    | 0.036              | 9        | 7913846 | 563080 | 550.52 | 12.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1802    |             |                    |                     |                     |                   |                    | 0.028              | 9.4      | 7913853 | 563083 | 550.45 | 11.95 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1804    |             |                    |                     |                     |                   |                    | 0.004              | 9        | 7913861 | 563086 | 550.51 | 12.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1806    |             |                    |                     |                     |                   |                    | 0.005              | 9        | 7913868 | 563089 | 550.37 | 11.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1807    |             |                    |                     |                     |                   |                    | 0.006              | 8.5      | 7913871 | 563091 | 550.79 | 12.29 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1811    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913837 | 563077 | 550.42 | 11.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1813    |             |                    |                     |                     |                   |                    | 0.006              | 9        | 7913827 | 563074 | 550.69 | 12.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1901    |             |                    |                     |                     |                   |                    | 0.02               | 9        | 7913850 | 563087 | 550.58 | 12.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1903    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913858 | 563089 | 550.66 | 12.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1905    |             |                    |                     |                     |                   |                    | 0.005              | 8.8      | 7913864 | 563092 | 550.89 | 12.39 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1910    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913841 | 563084 | 550.66 | 12.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 1912    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913832 | 563080 | 550.34 | 11.84 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2000    |             |                    |                     |                     |                   |                    | 0.005              | 9.1      | 7913846 | 563090 | 550.73 | 12.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2002    |             |                    |                     |                     |                   |                    | 0.004              | 9        | 7913854 | 563093 | 550.73 | 12.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2004    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913861 | 563096 | 550.89 | 12.39 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2011    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913837 | 563087 | 550.92 | 12.42 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2013    |             |                    |                     |                     |                   |                    | 0.004              | 9.2      | 7913828 | 563083 | 550.81 | 12.31 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2101    |             |                    |                     |                     |                   |                    | 0.004              | 8.8      | 7913850 | 563096 | 550.83 | 12.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2103    |             |                    |                     |                     |                   |                    | 0.005              | 8.9      | 7913858 | 563099 | 550.87 | 12.37 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2110    |             |                    |                     |                     |                   |                    | 0.02               | 9.1      | 7913842 | 563094 | 551.16 | 12.66 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2112    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913833 | 563090 | 550.8  | 12.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2200    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913847 | 563100 | 551.03 | 12.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2202    |             |                    |                     |                     |                   |                    | 0.01               | 8.9      | 7913854 | 563103 | 551.06 | 12.56 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2204    |             |                    |                     |                     |                   |                    | 0.003              | 8.5      | 7913860 | 563105 | 551.58 | 13.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2211    |             |                    |                     |                     |                   |                    | 0.004              | 9        | 7913838 | 563097 | 551.29 | 12.79 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2213    |             |                    |                     |                     |                   |                    | 0.005              | 8.8      | 7913828 | 563093 | 551.08 | 12.58 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2301    |             |                    |                     |                     |                   |                    | 0.013              | 8.9      | 7913851 | 563106 | 551.12 | 12.62 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 540   | N1_540_021 | 2303    |             |                    |                     |                     |                   |                    | 0.004              | 8.1      | 7913858 | 563108 | 551.52 | 13.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2310    |             |                    |                     |                     |                   |                    | 0.009              | 8.7      | 7913842 | 563103 | 551.37 | 12.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2312    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913833 | 563101 | 551.2  | 12.7  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2400    |             |                    |                     |                     |                   |                    | 0.005              | 9        | 7913848 | 563110 | 551.21 | 12.71 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2402    |             |                    |                     |                     |                   |                    | 0.006              | 8.7      | 7913855 | 563112 | 551.51 | 13.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2411    |             |                    |                     |                     |                   |                    | 0.02               | 8.8      | 7913838 | 563107 | 551.38 | 12.88 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2413 D  |             |                    |                     |                     |                   |                    | 0.013              | 8.9      | 7913829 | 563103 | 551.41 | 12.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2510    |             |                    |                     |                     |                   |                    | 0.008              | 8.7      | 7913843 | 563113 | 551.39 | 12.89 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2512    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913834 | 563110 | 551.5  | 13    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2611    |             |                    |                     |                     |                   |                    | 0.014              | 8.6      | 7913839 | 563116 | 551.37 | 12.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2613    |             |                    |                     |                     |                   |                    | 0.018              | 8.8      | 7913830 | 563113 | 551.67 | 13.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2712    |             |                    |                     |                     |                   |                    | 0.016              | 8.4      | 7913834 | 563120 | 551.28 | 12.78 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 2813    |             |                    |                     |                     |                   |                    | 0.02               | 8.8      | 7913830 | 563123 | 550.85 | 12.35 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_021 | 8013    |             |                    |                     |                     |                   |                    | 0.004              | 9.1      | 7913825 | 563027 | 550.44 | 11.94 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1020    |             |                    |                     |                     |                   |                    | 0.02               | 7.1      | 7913842 | 563134 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1123    |             |                    |                     |                     |                   |                    | 0.003              | 8.6      | 7913827 | 563131 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1124    |             |                    |                     |                     |                   |                    | 0.055              | 9.1      | 7913822 | 563130 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1521    |             |                    |                     |                     |                   |                    | 0.005              | 7.3      | 7913830 | 563138 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1622    |             |                    |                     |                     |                   |                    | 0.006              | 8.1      | 7913824 | 563135 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1626    |             |                    |                     |                     |                   |                    | 0.063              | 8.9      | 7913823 | 563121 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1628    |             |                    |                     |                     |                   |                    | 0.012              | 8.8      | 7913823 | 563112 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1630    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913822 | 563102 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1632    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913821 | 563092 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1634    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913821 | 563082 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1636    |             |                    |                     |                     |                   |                    | 0.004              | 9.1      | 7913820 | 563072 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1638    |             |                    |                     |                     |                   |                    | 0.018              | 9.1      | 7913819 | 563062 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1640    |             |                    |                     |                     |                   |                    | 0.056              | 9.1      | 7913819 | 563052 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1642    |             |                    |                     |                     |                   |                    | 0.04               | 9.5      | 7913818 | 563042 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1644    |             |                    |                     |                     |                   |                    | 0.016              | 8.8      | 7913818 | 563032 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1646    |             |                    |                     |                     |                   |                    | 0.009              | 8.8      | 7913818 | 563022 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1722 D  |             |                    |                     |                     |                   |                    | 0.007              | 8.7      | 7913820 | 563134 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1724    |             |                    |                     |                     |                   |                    | 0.038              | 9        | 7913819 | 563125 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1726    |             |                    |                     |                     |                   |                    | 0.004              | 8.8      | 7913819 | 563116 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1727    |             |                    |                     |                     |                   |                    | 0.004              | 8.8      | 7913819 | 563112 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1729    |             |                    |                     |                     |                   |                    | 0.009              | 8.8      | 7913818 | 563104 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1731    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913818 | 563094 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1733    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913817 | 563084 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1735    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913817 | 563074 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1737    |             |                    |                     |                     |                   |                    | 0.019              | 9        | 7913817 | 563065 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1739    |             |                    |                     |                     |                   |                    | 0.074              | 9.1      | 7913815 | 563054 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1741    |             |                    |                     |                     |                   |                    | 0.025              | 9.3      | 7913814 | 563044 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1743    |             |                    |                     |                     |                   |                    | 0.017              | 9.2      | 7913814 | 563034 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1745    |             |                    |                     |                     |                   |                    | 0.014              | 9.1      | 7913814 | 563024 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1823    |             |                    |                     |                     |                   |                    | 0.027              | 8.6      | 7913817 | 563132 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1824    |             |                    |                     |                     |                   |                    | 0.006              | 9        | 7913816 | 563128 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1826    |             |                    |                     |                     |                   |                    | 0.012              | 8.6      | 7913815 | 563120 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1828    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913815 | 563112 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1830    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913814 | 563102 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1832    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913814 | 563092 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1834 D  |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913813 | 563082 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1836    |             |                    |                     |                     |                   |                    | 0.007              | 8.6      | 7913813 | 563072 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1838    |             |                    |                     |                     |                   |                    | 0.122              | 8.7      | 7913813 | 563062 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1840    |             |                    |                     |                     |                   |                    | 0.006              | 8.8      | 7913812 | 563052 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1842    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913811 | 563042 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1844    |             |                    |                     |                     |                   |                    | 0.003              | 8.6      | 7913811 | 563032 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1846    |             |                    |                     |                     |                   |                    | 0.042              | 8.8      | 7913811 | 563022 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z   | DEPTH | LITHOLOGY       | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|-----|-------|-----------------|--------|
| 2021 | Pit      | 540   | N1_540_025 | 1848    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913810 | 563013 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1921    |             |                    |                     |                     |                   |                    | 0.011              | 8.7      | 7913812 | 563138 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1923    |             |                    |                     |                     |                   |                    | 0.007              | 8.8      | 7913811 | 563130 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1925    |             |                    |                     |                     |                   |                    | 0.006              | 8.7      | 7913811 | 563122 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1927    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913811 | 563114 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1929    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913810 | 563105 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1931    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913810 | 563095 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1933    |             |                    |                     |                     |                   |                    | 0.003              | 8.6      | 7913810 | 563085 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1935    |             |                    |                     |                     |                   |                    | 0.088              | 8.7      | 7913809 | 563075 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1937    |             |                    |                     |                     |                   |                    | 0.008              | 8.9      | 7913809 | 563065 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1939    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913809 | 563070 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1941    |             |                    |                     |                     |                   |                    | 0.009              | 9.2      | 7913808 | 563045 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1943    |             |                    |                     |                     |                   |                    | 0.005              | 8.8      | 7913807 | 563035 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1945    |             |                    |                     |                     |                   |                    | 0.071              | 9.3      | 7913807 | 563025 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 1947    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913806 | 563015 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2022    |             |                    |                     |                     |                   |                    | 0.003              | 8.6      | 7913807 | 563137 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2024 D  |             |                    |                     |                     |                   |                    | 0.004              | 8.6      | 7913807 | 563129 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2026    |             |                    |                     |                     |                   |                    | 0.004              | 8.6      | 7913806 | 563121 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2028    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913806 | 563113 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2029    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913807 | 563108 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2032    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913805 | 563093 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2034    |             |                    |                     |                     |                   |                    | 0.021              | 8.9      | 7913805 | 563083 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2036    |             |                    |                     |                     |                   |                    | 0.006              | 8.8      | 7913805 | 563073 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2038    |             |                    |                     |                     |                   |                    | 0.169              | 8.9      | 7913804 | 563063 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2040    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913804 | 563053 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2042    |             |                    |                     |                     |                   |                    | 0.023              | 8.9      | 7913803 | 563043 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2044    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913803 | 563033 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2046    |             |                    |                     |                     |                   |                    | 0.036              | 9.3      | 7913802 | 563023 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2048    |             |                    |                     |                     |                   |                    | 0.02               | 8.9      | 7913802 | 563013 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2050    |             |                    |                     |                     |                   |                    | 0.013              | 9.3      | 7913802 | 563003 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2111    |             |                    |                     |                     |                   |                    | 0.011              | 7.5      | 7913804 | 563179 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2121    |             |                    |                     |                     |                   |                    | 0.013              | 8.9      | 7913803 | 563139 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2123    |             |                    |                     |                     |                   |                    | 0.06               | 8.8      | 7913802 | 563131 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2125    |             |                    |                     |                     |                   |                    | 0.003              | 8.5      | 7913802 | 563123 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2127    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913802 | 563115 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2129    |             |                    |                     |                     |                   |                    | 0.003              | 8.6      | 7913801 | 563105 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2131    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913801 | 563095 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2133    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913801 | 563085 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2135    |             |                    |                     |                     |                   |                    | 0.027              | 8.8      | 7913800 | 563075 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2137    |             |                    |                     |                     |                   |                    | 0.05               | 8.9      | 7913800 | 563065 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2139    |             |                    |                     |                     |                   |                    | 0.008              | 8.7      | 7913799 | 563055 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2141    |             |                    |                     |                     |                   |                    | 0.092              | 9        | 7913799 | 563045 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2143    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913798 | 563035 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2145    |             |                    |                     |                     |                   |                    | 0.031              | 9.3      | 7913798 | 563025 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2147    |             |                    |                     |                     |                   |                    | 0.046              | 9.2      | 7913798 | 563015 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2149    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913797 | 563005 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2151    |             |                    |                     |                     |                   |                    | 0.062              | 9.1      | 7913797 | 562995 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2210    |             |                    |                     |                     |                   |                    | 0.018              | 6.9      | 7913800 | 563185 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2216    |             |                    |                     |                     |                   |                    | 0.008              | 6.2      | 7913799 | 563161 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2222    |             |                    |                     |                     |                   |                    | 0.032              | 9        | 7913799 | 563137 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2224    |             |                    |                     |                     |                   |                    | 0.016              | 8.7      | 7913799 | 563129 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2226    |             |                    |                     |                     |                   |                    | 0.004              | 9        | 7913799 | 563121 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2227    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913798 | 563117 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2228    |             |                    |                     |                     |                   |                    | 0.003              | 8.6      | 7913798 | 563113 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2230    |             |                    |                     |                     |                   |                    | 0.046              | 8.8      | 7913797 | 563103 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2233    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913797 | 563087 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z   | DEPTH | LITHOLOGY       | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|-----|-------|-----------------|--------|
| 2021 | Pit      | 540   | N1_540_025 | 2238    |             |                    |                     |                     |                   |                    | 0.003              | 8.6      | 7913795 | 563063 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2240    |             |                    |                     |                     |                   |                    | 0.016              | 9.3      | 7913795 | 563053 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2242    |             |                    |                     |                     |                   |                    | 0.022              | 8.8      | 7913795 | 563043 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2244    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913794 | 563033 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2246    |             |                    |                     |                     |                   |                    | 0.034              | 9        | 7913793 | 563023 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2248    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913793 | 563013 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2250    |             |                    |                     |                     |                   |                    | 0.032              | 8.9      | 7913793 | 563003 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2252    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913792 | 562993 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2331    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913794 | 563095 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2333    |             |                    |                     |                     |                   |                    | 0.005              | 9        | 7913793 | 563084 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2335    |             |                    |                     |                     |                   |                    | 0.017              | 8.7      | 7913791 | 563076 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2339    |             |                    |                     |                     |                   |                    | 0.061              | 8.5      | 7913792 | 563055 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2341    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913791 | 563046 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2343    |             |                    |                     |                     |                   |                    | 0.004              | 8.9      | 7913791 | 563036 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2345    |             |                    |                     |                     |                   |                    | 0.014              | 9        | 7913790 | 563026 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2347    |             |                    |                     |                     |                   |                    | 0.009              | 9.2      | 7913789 | 563016 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2349    |             |                    |                     |                     |                   |                    | 0.04               | 9        | 7913790 | 563006 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2436    |             |                    |                     |                     |                   |                    | 0.004              | 8.8      | 7913787 | 563073 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2448    |             |                    |                     |                     |                   |                    | 0.005              | 8.8      | 7913783 | 563013 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2450    |             |                    |                     |                     |                   |                    | 0.004              | 8.8      | 7913783 | 563003 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2452    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913783 | 562994 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2537    |             |                    |                     |                     |                   |                    | 0.004              | 8.6      | 7913782 | 563066 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2539    |             |                    |                     |                     |                   |                    | 0.036              | 8.7      | 7913781 | 563056 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2541    |             |                    |                     |                     |                   |                    | 0.053              | 8.9      | 7913781 | 563046 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2543    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913779 | 563036 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2547    |             |                    |                     |                     |                   |                    | 0.165              | 8.9      | 7913780 | 563016 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2549    |             |                    |                     |                     |                   |                    | 0.018              | 8.9      | 7913779 | 563006 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2551    |             |                    |                     |                     |                   |                    | 0.006              | 8.7      | 7913779 | 562996 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2553    |             |                    |                     |                     |                   |                    | 0.032              | 9.2      | 7913778 | 562987 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2637    |             |                    |                     |                     |                   |                    | 0.008              | 8.6      | 7913779 | 563068 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2639    |             |                    |                     |                     |                   |                    | 0.025              | 8.5      | 7913777 | 563059 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2641    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913777 | 563049 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2643    |             |                    |                     |                     |                   |                    | 0.011              | 9.1      | 7913776 | 563039 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2645    |             |                    |                     |                     |                   |                    | 0.07               | 8.8      | 7913775 | 563029 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2647    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913775 | 563019 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2649    |             |                    |                     |                     |                   |                    | 0.005              | 8.9      | 7913774 | 563009 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2651    |             |                    |                     |                     |                   |                    | 0.008              | 9.1      | 7913774 | 562999 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2741    |             |                    |                     |                     |                   |                    | 0.024              | 8.3      | 7913772 | 563046 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2743    |             |                    |                     |                     |                   |                    | 0.007              | 8.5      | 7913771 | 563036 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2745    |             |                    |                     |                     |                   |                    | 0.014              | 8.7      | 7913771 | 563026 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2747    |             |                    |                     |                     |                   |                    | 0.006              | 8.5      | 7913771 | 563016 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2749    |             |                    |                     |                     |                   |                    | 0.014              | 8.9      | 7913770 | 563006 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2751    |             |                    |                     |                     |                   |                    | 0.04               | 9        | 7913770 | 562996 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2753    |             |                    |                     |                     |                   |                    | 0.011              | 9.3      | 7913769 | 562988 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2849    |             |                    |                     |                     |                   |                    | 0.008              | 8.3      | 7913766 | 563009 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2851    |             |                    |                     |                     |                   |                    | 0.004              | 8.5      | 7913765 | 562999 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2852    |             |                    |                     |                     |                   |                    | 0.006              | 9        | 7913766 | 562994 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2854    |             |                    |                     |                     |                   |                    | 0.028              | 9        | 7913765 | 562986 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2951    |             |                    |                     |                     |                   |                    | 0.004              | 8.6      | 7913763 | 562995 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2953    |             |                    |                     |                     |                   |                    | 0.012              | 8.8      | 7913761 | 562988 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_025 | 2955    |             |                    |                     |                     |                   |                    | 0.026              | 8.9      | 7913760 | 562980 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1206    |             |                    |                     |                     |                   |                    | 0.039              | 7.9      | 7913979 | 563131 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1208    |             |                    |                     |                     |                   |                    | 0.055              | 8        | 7913987 | 563125 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1210    |             |                    |                     |                     |                   |                    | 0.13               | 7.2      | 7913994 | 563117 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1305    |             |                    |                     |                     |                   |                    | 0.032              | 8.2      | 7913980 | 563136 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1307    |             |                    |                     |                     |                   |                    | 0.08               | 7.7      | 7913988 | 563129 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z   | DEPTH | LITHOLOGY       | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|-----|-------|-----------------|--------|
| 2021 | Pit      | 540   | N1_540_027 | 1309    |             |                    |                     |                     |                   |                    | 0.039              | 8.1      | 7913995 | 563122 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1311    |             |                    |                     |                     |                   |                    | 0.033              | 8.3      | 7914002 | 563115 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1402    |             |                    |                     |                     |                   |                    | 0.019              | 8.1      | 7913971 | 563152 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1404    |             |                    |                     |                     |                   |                    | 0.058              | 7.8      | 7913978 | 563145 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1406    |             |                    |                     |                     |                   |                    | 0.17               | 7.6      | 7913985 | 563138 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1408    |             |                    |                     |                     |                   |                    | 0.144              | 7.7      | 7913992 | 563131 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1410    |             |                    |                     |                     |                   |                    | 0.111              | 7.6      | 7914000 | 563124 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1412    |             |                    |                     |                     |                   |                    | 0.118              | 8.3      | 7914007 | 563117 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1414    |             |                    |                     |                     |                   |                    | 0.02               | 8.2      | 7914014 | 563110 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1501    |             |                    |                     |                     |                   |                    | 0.114              | 6.9      | 7913972 | 563157 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1503    |             |                    |                     |                     |                   |                    | 0.126              | 7.4      | 7913979 | 563150 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1507    |             |                    |                     |                     |                   |                    | 0.145              | 7.8      | 7913994 | 563136 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1509    |             |                    |                     |                     |                   |                    | 0.106              | 8        | 7914001 | 563129 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1511    |             |                    |                     |                     |                   |                    | 0.04               | 8.2      | 7914008 | 563122 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1513    |             |                    |                     |                     |                   |                    | 0.049              | 8.4      | 7914015 | 563115 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1515    |             |                    |                     |                     |                   |                    | 0.108              | 7.7      | 7914023 | 563108 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1602    |             |                    |                     |                     |                   |                    | 0.073              | 7.5      | 7913977 | 563158 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1604    |             |                    |                     |                     |                   |                    | 0.089              | 7.7      | 7913984 | 563151 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1606    |             |                    |                     |                     |                   |                    | 0.099              | 7.9      | 7913992 | 563144 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1610    |             |                    |                     |                     |                   |                    | 0.062              | 8.1      | 7914006 | 563130 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1612    |             |                    |                     |                     |                   |                    | 0.16               | 8.6      | 7914013 | 563123 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1614    |             |                    |                     |                     |                   |                    | 0.1                | 8.2      | 7914020 | 563116 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1616    |             |                    |                     |                     |                   |                    | 0.026              | 8.3      | 7914027 | 563109 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1702    |             |                    |                     |                     |                   |                    | 0.043              | 7.7      | 7913982 | 563159 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1703    |             |                    |                     |                     |                   |                    | 0.077              | 7.1      | 7913986 | 563156 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1705    |             |                    |                     |                     |                   |                    | 0.181              | 7.1      | 7913993 | 563149 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1709    |             |                    |                     |                     |                   |                    | 0.166              | 7.8      | 7914007 | 563135 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1711    |             |                    |                     |                     |                   |                    | 0.042              | 8.1      | 7914015 | 563128 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1713    |             |                    |                     |                     |                   |                    | 0.025              | 8.3      | 7914022 | 563121 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1715    |             |                    |                     |                     |                   |                    | 0.018              | 8.6      | 7914029 | 563115 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1717    |             |                    |                     |                     |                   |                    | 0.004              | 8.7      | 7914036 | 563107 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1804    |             |                    |                     |                     |                   |                    | 0.042              | 8.1      | 7913991 | 563158 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1808    |             |                    |                     |                     |                   |                    | 0.194              | 7.5      | 7914005 | 563144 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1812    |             |                    |                     |                     |                   |                    | 0.132              | 7.9      | 7914019 | 563130 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1814    |             |                    |                     |                     |                   |                    | 0.017              | 7.9      | 7914027 | 563123 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1816    |             |                    |                     |                     |                   |                    | 0.02               | 8.4      | 7914034 | 563116 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1818    |             |                    |                     |                     |                   |                    | 0.012              | 8.6      | 7914041 | 563109 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1819    |             |                    |                     |                     |                   |                    | 0.004              | 8.2      | 7914045 | 563105 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1903    |             |                    |                     |                     |                   |                    | 0.045              | 8.1      | 7913992 | 563163 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1905    |             |                    |                     |                     |                   |                    | 0.108              | 8        | 7913999 | 563156 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1907    |             |                    |                     |                     |                   |                    | 0.144              | 7.8      | 7914006 | 563148 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1909    |             |                    |                     |                     |                   |                    | 0.054              | 8.1      | 7914014 | 563142 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1911    |             |                    |                     |                     |                   |                    | 0.164              | 8.4      | 7914021 | 563135 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1913    |             |                    |                     |                     |                   |                    | 0.076              | 8.2      | 7914028 | 563128 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1915    |             |                    |                     |                     |                   |                    | 0.021              | 8.3      | 7914035 | 563121 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1917    |             |                    |                     |                     |                   |                    | 0.126              | 8.1      | 7914042 | 563114 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 1919    |             |                    |                     |                     |                   |                    | 0.039              | 8.4      | 7914049 | 563107 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2006    |             |                    |                     |                     |                   |                    | 0.021              | 8.7      | 7914004 | 563157 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2010    |             |                    |                     |                     |                   |                    | 0.053              | 8.6      | 7914018 | 563143 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2012    |             |                    |                     |                     |                   |                    | 0.132              | 8.3      | 7914026 | 563136 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2014    |             |                    |                     |                     |                   |                    | 0.094              | 8.3      | 7914033 | 563129 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2016    |             |                    |                     |                     |                   |                    | 0.1                | 7.9      | 7914040 | 563122 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2018    |             |                    |                     |                     |                   |                    | 0.065              | 8.6      | 7914047 | 563115 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2020    |             |                    |                     |                     |                   |                    | 0.022              | 8.6      | 7914054 | 563108 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2107    |             |                    |                     |                     |                   |                    | 0.008              | 8.3      | 7914013 | 563155 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2109    |             |                    |                     |                     |                   |                    | 0.034              | 8.2      | 7914020 | 563148 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY       | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|-----------------|--------|
| 2021 | Pit      | 540   | N1_540_027 | 2111    |             |                    |                     |                     |                   |                    | 0.037              | 8.1      | 7914027 | 563141 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2115    |             |                    |                     |                     |                   |                    | 0.172              | 8.4      | 7914041 | 563127 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2117    |             |                    |                     |                     |                   |                    | 0.118              | 7.7      | 7914049 | 563120 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2119    |             |                    |                     |                     |                   |                    | 0.078              | 8.3      | 7914056 | 563113 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2210    |             |                    |                     |                     |                   |                    | 0.013              | 8.2      | 7914025 | 563150 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2214    |             |                    |                     |                     |                   |                    | 0.146              | 8.3      | 7914039 | 563136 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2218    |             |                    |                     |                     |                   |                    | 0.124              | 8        | 7914053 | 563122 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2311    |             |                    |                     |                     |                   |                    | 0.003              | 8.6      | 7914033 | 563148 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2313    |             |                    |                     |                     |                   |                    | 0.092              | 8.4      | 7914040 | 563141 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2315    |             |                    |                     |                     |                   |                    | 0.14               | 8.2      | 7914048 | 563134 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2317    |             |                    |                     |                     |                   |                    | 0.068              | 8.4      | 7914055 | 563127 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_027 | 2414    |             |                    |                     |                     |                   |                    | 0.01               | 8.4      | 7914045 | 563142 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_029 | 1600    |             |                    |                     |                     |                   |                    | 0.021              | 7.7      | 7913973 | 563165 | 551.79 | 13.29 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_029 | 1701    |             |                    |                     |                     |                   |                    | 0.041              | 7        | 7913975 | 563169 | 552.03 | 13.53 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_029 | 1703    |             |                    |                     |                     |                   |                    | 0.008              | 8.2      | 7913970 | 563175 | 552.03 | 13.53 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_029 | 1800    |             |                    |                     |                     |                   |                    | 0.032              | 7.3      | 7913983 | 563167 | 551.53 | 13.03 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_029 | 1802    |             |                    |                     |                     |                   |                    | 0.013              | 7.3      | 7913976 | 563173 | 551.83 | 13.33 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_029 | 1804    |             |                    |                     |                     |                   |                    | 0.005              | 8.8      | 7913971 | 563179 | 551.9  | 13.4  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_029 | 1806    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913965 | 563183 | 551.64 | 13.14 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_029 | 1901    |             |                    |                     |                     |                   |                    | 0.006              | 8.5      | 7913984 | 563172 | 551.78 | 13.28 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_029 | 1903    |             |                    |                     |                     |                   |                    | 0.003              | 7.7      | 7913978 | 563178 | 551.94 | 13.44 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 1700    |             |                    |                     |                     |                   |                    | 0.028              | 8.4      | 7914063 | 563110 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 1722    |             |                    |                     |                     |                   |                    | 0.008              | 7.3      | 7914025 | 563203 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 1800    |             |                    |                     |                     |                   |                    | 0.055              | 8.4      | 7914066 | 563112 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 1821    |             |                    |                     |                     |                   |                    | 0.003              | 7.4      | 7914032 | 563198 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 1823    |             |                    |                     |                     |                   |                    | 0.003              | 7.3      | 7914029 | 563205 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 1901    |             |                    |                     |                     |                   |                    | 0.006              | 8.2      | 7914069 | 563117 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 1922    |             |                    |                     |                     |                   |                    | 0.004              | 7.3      | 7914035 | 563202 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 1923    |             |                    |                     |                     |                   |                    | 0.005              | 7.4      | 7914034 | 563205 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 2000    |             |                    |                     |                     |                   |                    | 0.003              | 8.3      | 7914074 | 563115 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 2022    |             |                    |                     |                     |                   |                    | 0.006              | 7.3      | 7914039 | 563205 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 2101    |             |                    |                     |                     |                   |                    | 0.057              | 8.3      | 7914077 | 563120 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 2121    |             |                    |                     |                     |                   |                    | 0.003              | 7.6      | 7914045 | 563202 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 2122    |             |                    |                     |                     |                   |                    | 0.003              | 7.6      | 7914044 | 563205 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 2200    |             |                    |                     |                     |                   |                    | 0.044              | 8.4      | 7914083 | 563118 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 2221    |             |                    |                     |                     |                   |                    | 0.008              | 7.9      | 7914048 | 563206 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 2321    |             |                    |                     |                     |                   |                    | 0.003              | 7.9      | 7914053 | 563206 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 2906    |             |                    |                     |                     |                   |                    | 0.077              | 8.3      | 7914102 | 563155 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 2908    |             |                    |                     |                     |                   |                    | 0.006              | 8.2      | 7914098 | 563165 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 2909    |             |                    |                     |                     |                   |                    | 0.003              | 6.8      | 7914097 | 563169 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3005    |             |                    |                     |                     |                   |                    | 0.099              | 8.2      | 7914107 | 563155 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3007    |             |                    |                     |                     |                   |                    | 0.024              | 8.2      | 7914103 | 563164 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3008    |             |                    |                     |                     |                   |                    | 0.006              | 8.3      | 7914102 | 563169 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3107    |             |                    |                     |                     |                   |                    | 0.007              | 8.4      | 7914109 | 563163 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3109    |             |                    |                     |                     |                   |                    | 0.003              |          | 7914105 | 563173 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3206    |             |                    |                     |                     |                   |                    | 0.102              | 8.4      | 7914114 | 563163 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3208    |             |                    |                     |                     |                   |                    | 0.005              | 8.4      | 7914110 | 563172 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3307    |             |                    |                     |                     |                   |                    | 0.124              | 8.6      | 7914117 | 563167 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3309    |             |                    |                     |                     |                   |                    | 0.003              | 8.4      | 7914114 | 563176 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3408    |             |                    |                     |                     |                   |                    | 0.006              | 8.3      | 7914119 | 563175 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3507    |             |                    |                     |                     |                   |                    | 0.097              | 8.8      | 7914125 | 563171 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3509    |             |                    |                     |                     |                   |                    | 0.006              | 8.6      | 7914122 | 563179 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3520    |             |                    |                     |                     |                   |                    | 0.003              | 7.7      | 7914106 | 563220 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3602 D  |             |                    |                     |                     |                   |                    | 0.056              | 8.3      | 7914139 | 563148 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3604    |             |                    |                     |                     |                   |                    | 0.067              | 8.5      | 7914135 | 563157 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3606    |             |                    |                     |                     |                   |                    | 0.054              | 8.5      | 7914132 | 563166 | 550    | 11.5  | CHLORITE SCHIST | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z   | DEPTH | LITHOLOGY       | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|-----|-------|-----------------|--------|
| 2021 | Pit      | 540   | N1_540_031 | 3608    |             |                    |                     |                     |                   |                    | 0.012              | 8.5      | 7914128 | 563175 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3610    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7914125 | 563184 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3620    |             |                    |                     |                     |                   |                    | 0.003              | 8        | 7914110 | 563221 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3703    |             |                    |                     |                     |                   |                    | 0.058              | 8.3      | 7914141 | 563155 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3705    |             |                    |                     |                     |                   |                    | 0.047              | 8.5      | 7914138 | 563164 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3707    |             |                    |                     |                     |                   |                    | 0.222              | 8.5      | 7914134 | 563173 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3709    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7914130 | 563183 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3720    |             |                    |                     |                     |                   |                    | 0.003              | 7.7      | 7914114 | 563224 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3802    |             |                    |                     |                     |                   |                    | 0.079              | 8.3      | 7914146 | 563154 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3804    |             |                    |                     |                     |                   |                    | 0.042              | 8.4      | 7914143 | 563163 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3806    |             |                    |                     |                     |                   |                    | 0.01               | 8.3      | 7914139 | 563173 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3820    |             |                    |                     |                     |                   |                    | 0.004              | 7.7      | 7914118 | 563226 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3903    |             |                    |                     |                     |                   |                    | 0.194              | 8.2      | 7914150 | 563158 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3905    |             |                    |                     |                     |                   |                    | 0.094              | 8.3      | 7914146 | 563167 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3907    |             |                    |                     |                     |                   |                    | 0.007              | 8.4      | 7914143 | 563175 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 3920    |             |                    |                     |                     |                   |                    | 0.003              | 7.6      | 7914122 | 563228 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 4001    |             |                    |                     |                     |                   |                    | 0.028              | 8.2      | 7914065 | 563118 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 4002    |             |                    |                     |                     |                   |                    | 0.064              | 8        | 7914065 | 563123 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 4102    |             |                    |                     |                     |                   |                    | 0.012              | 8.3      | 7914155 | 563157 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 4104    |             |                    |                     |                     |                   |                    | 0.044              | 8.4      | 7914151 | 563166 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 4203    |             |                    |                     |                     |                   |                    | 0.066              | 8.4      | 7914158 | 563161 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_031 | 4205    |             |                    |                     |                     |                   |                    | 0.132              | 8.3      | 7914154 | 563170 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 224     |             |                    |                     |                     |                   |                    | 0.003              | 8.4      | 7914224 | 563267 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 226     |             |                    |                     |                     |                   |                    | 0.008              | 8.3      | 7914224 | 563274 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 228     |             |                    |                     |                     |                   |                    | 0.005              | 8.3      | 7914223 | 563281 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 230     |             |                    |                     |                     |                   |                    | 0.004              | 8.5      | 7914222 | 563288 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 232     |             |                    |                     |                     |                   |                    | 0.039              | 8.3      | 7914221 | 563296 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 234     |             |                    |                     |                     |                   |                    | 0.016              | 8.4      | 7914220 | 563303 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 321     |             |                    |                     |                     |                   |                    | 0.009              | 8.1      | 7914221 | 563271 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 323     |             |                    |                     |                     |                   |                    | 0.004              | 8.2      | 7914220 | 563280 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 325     |             |                    |                     |                     |                   |                    | 0.011              | 8.4      | 7914219 | 563289 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 327     |             |                    |                     |                     |                   |                    | 0.03               | 8.6      | 7914218 | 563298 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1101    |             |                    |                     |                     |                   |                    | 0.005              | 8        | 7914185 | 563280 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1103    |             |                    |                     |                     |                   |                    | 0.006              | 8.1      | 7914187 | 563273 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1105    |             |                    |                     |                     |                   |                    | 0.003              | 8.2      | 7914191 | 563265 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1202    |             |                    |                     |                     |                   |                    | 0.008              | 8.4      | 7914188 | 563281 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1204    |             |                    |                     |                     |                   |                    | 0.009              | 8.2      | 7914192 | 563272 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1206    |             |                    |                     |                     |                   |                    | 0.003              | 8.6      | 7914195 | 563264 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1302    |             |                    |                     |                     |                   |                    | 0.02               | 8.5      | 7914192 | 563284 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1303    |             |                    |                     |                     |                   |                    | 0.003              | 8.5      | 7914193 | 563280 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1305    |             |                    |                     |                     |                   |                    | 0.003              | 8.4      | 7914196 | 563272 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1307    |             |                    |                     |                     |                   |                    | 0.003              | 8.4      | 7914200 | 563263 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1402    |             |                    |                     |                     |                   |                    | 0.023              | 8.3      | 7914195 | 563287 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1404    |             |                    |                     |                     |                   |                    | 0.019              | 8        | 7914198 | 563280 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1406    |             |                    |                     |                     |                   |                    | 0.003              | 8.5      | 7914201 | 563271 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1408    |             |                    |                     |                     |                   |                    | 0.003              | 8.4      | 7914204 | 563263 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1503    |             |                    |                     |                     |                   |                    | 0.01               | 8.4      | 7914199 | 563287 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1505    |             |                    |                     |                     |                   |                    | 0.016              | 8.4      | 7914202 | 563279 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1507    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7914206 | 563271 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1603    |             |                    |                     |                     |                   |                    | 0.016              | 8.4      | 7914202 | 563291 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1604    |             |                    |                     |                     |                   |                    | 0.02               | 8.6      | 7914204 | 563287 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1606    |             |                    |                     |                     |                   |                    | 0.003              |          | 7914207 | 563278 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1608    |             |                    |                     |                     |                   |                    | 0.008              | 8.5      | 7914210 | 563270 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1703    |             |                    |                     |                     |                   |                    | 0.01               | 8.3      | 7914205 | 563293 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1705 D  |             |                    |                     |                     |                   |                    | 0.009              | 8.3      | 7914208 | 563286 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1707    |             |                    |                     |                     |                   |                    | 0.005              | 8.3      | 7914211 | 563278 | 550 | 11.5  | CHLORITE SCHIST | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 540   | N1_540_035 | 1709    |             |                    |                     |                     |                   |                    | 0.003              | 8.5      | 7914215 | 563269 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1803    |             |                    |                     |                     |                   |                    | 0.016              | 8.4      | 7914209 | 563296 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1804    |             |                    |                     |                     |                   |                    | 0.006              | 8.3      | 7914210 | 563292 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1806    |             |                    |                     |                     |                   |                    | 0.004              | 8.5      | 7914212 | 563285 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1808    |             |                    |                     |                     |                   |                    | 0.003              | 7.9      | 7914216 | 563278 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1810    |             |                    |                     |                     |                   |                    | 0.003              | 8.4      | 7914218 | 563269 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1904    |             |                    |                     |                     |                   |                    | 0.02               | 8.5      | 7914213 | 563298 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1905    |             |                    |                     |                     |                   |                    | 0.03               | 8.4      | 7914214 | 563293 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 1907    |             |                    |                     |                     |                   |                    | 0.007              | 8.4      | 7914216 | 563284 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 540   | N1_540_035 | 5008    |             |                    |                     |                     |                   |                    | 0.024              | 8.4      | 7914214 | 563300 | 550    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_001 | 1220    |             |                    |                     |                     |                   | 0.07               | 0.012              | 6.6      | 7914101 | 563008 | 560.88 | 12.38 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_001 | 2226    |             |                    |                     |                     |                   | 0.01               | 0.01               | 7.4      | 7914065 | 563041 | 560.79 | 12.29 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_003 | 1301    |             |                    |                     |                     |                   | 0.21               | 0.003              | 8.7      | 7914004 | 562974 | 560.35 | 11.85 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_003 | 1400    |             |                    |                     |                     |                   | 0.17               | 0.004              | 8.6      | 7913998 | 562976 | 560.1  | 11.6  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_003 | 1402    |             |                    |                     |                     |                   | 0.14               | 0.003              | 8.5      | 7914007 | 562980 | 560.5  | 12    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_003 | 1600    |             |                    |                     |                     |                   | 0.15               | 0.003              | 8.9      | 7913995 | 562984 | 560.75 | 12.25 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_003 | 1701    |             |                    |                     |                     |                   | 0.11               | 0.012              | 8.4      | 7913998 | 562989 | 560.58 | 12.08 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_003 | 1800    |             |                    |                     |                     |                   | 0.13               | 0.006              | 8.9      | 7913993 | 562991 | 560.28 | 11.78 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_003 | 2000    |             |                    |                     |                     |                   | 0.1                | 0.02               | 8.1      | 7913991 | 563000 | 560.29 | 11.79 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 1021    |             |                    |                     |                     |                   | 0.24               | 0.059              | 6.9      | 7914053 | 563045 | 560.39 | 11.89 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 2713    |             |                    |                     |                     |                   | 0.14               | 0.012              | 7.2      | 7914034 | 563046 | 559.8  | 11.3  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 2812    |             |                    |                     |                     |                   | 0.09               | 0.099              | 7.4      | 7914029 | 563048 | 559.7  | 11.2  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 3725    |             |                    |                     |                     |                   | 0.07               | 0.011              | 7.2      | 7914072 | 563100 | 560.02 | 11.52 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 3727    |             |                    |                     |                     |                   | 0.06               | 0.004              | 8.2      | 7914080 | 563102 | 559.99 | 11.49 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 3824    |             |                    |                     |                     |                   | 0.05               | 0.003              | 8        | 7914066 | 563102 | 559.96 | 11.46 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 3826    |             |                    |                     |                     |                   | 0.07               | 0.024              | 8        | 7914074 | 563105 | 559.86 | 11.36 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 3923    |             |                    |                     |                     |                   | 0.22               | 0.028              | 8.1      | 7914060 | 563104 | 560.12 | 11.62 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 3925    |             |                    |                     |                     |                   | 0.3                | 0.046              | 7.8      | 7914069 | 563107 | 559.98 | 11.48 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 3927    |             |                    |                     |                     |                   | 0.07               | 0.105              | 7.2      | 7914077 | 563110 | 559.87 | 11.37 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 4020    |             |                    |                     |                     |                   | 0.11               | 0.014              | 7.8      | 7914046 | 563104 | 560.39 | 11.89 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 4022    |             |                    |                     |                     |                   | 0.06               | 0.059              | 8.5      | 7914054 | 563107 | 560.32 | 11.82 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 4024    |             |                    |                     |                     |                   | 0.06               | 0.154              | 8.2      | 7914063 | 563109 | 560.11 | 11.61 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 4025    |             |                    |                     |                     |                   | 0.09               | 0.022              | 8.5      | 7914067 | 563111 | 560.12 | 11.62 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 4026    |             |                    |                     |                     |                   | 0.07               | 0.009              | 8.3      | 7914071 | 563113 | 560.08 | 11.58 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 4027    |             |                    |                     |                     |                   | 0.08               | 0.004              | 8.4      | 7914075 | 563114 | 559.85 | 11.35 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 4119    |             |                    |                     |                     |                   | 0.05               | 0.01               | 8.4      | 7914040 | 563106 | 560.79 | 12.29 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 4121    |             |                    |                     |                     |                   | 0.1                | 0.018              | 8.5      | 7914049 | 563109 | 560.49 | 11.99 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 4123    |             |                    |                     |                     |                   | 0.08               | 0.037              | 8.4      | 7914057 | 563112 | 560.44 | 11.94 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 4125    |             |                    |                     |                     |                   | 0.12               | 0.071              | 8.5      | 7914066 | 563115 | 560.13 | 11.63 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_005 | 4127    | 1           | 25                 | 7.2                 | 18                  | 3.48              | 0.04               | 0.121              | 8.3      | 7914074 | 563118 | 559.81 | 11.31 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_007 | 1220    |             |                    |                     |                     |                   | 0.08               | 0.026              | 8.4      | 7914010 | 563114 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_007 | 1222    |             |                    |                     |                     |                   | 0.05               | 0.13               | 8        | 7914007 | 563121 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_007 | 1224    |             |                    |                     |                     |                   | 0.01               | 0.045              | 8.2      | 7914004 | 563129 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_007 | 1321    |             |                    |                     |                     |                   | 0.04               | 0.024              | 8.3      | 7914005 | 563116 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_007 | 1323    |             |                    |                     |                     |                   | 0.04               | 0.097              | 7.9      | 7914002 | 563124 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_007 | 1325    |             |                    |                     |                     |                   | 0.1                | 0.078              | 7.8      | 7913999 | 563132 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_007 | 1422    |             |                    |                     |                     |                   | 0.04               | 0.036              | 8.3      | 7913999 | 563118 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_007 | 1424 D  |             |                    |                     |                     |                   | 0.05               | 0.14               | 7.5      | 7913996 | 563126 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_007 | 1523    |             |                    |                     |                     |                   | 0.02               | 0.026              | 8.3      | 7913994 | 563121 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_007 | 1525    |             |                    |                     |                     |                   | 0.11               | 0.089              | 7.6      | 7913991 | 563129 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_007 | 1624    |             |                    |                     |                     |                   | 0.01               | 0.034              | 8.2      | 7913989 | 563123 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_007 | 1725    |             |                    |                     |                     |                   | 0.13               | 0.038              | 7.5      | 7913983 | 563126 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 200     |             |                    |                     |                     |                   | 0.11               | 0.008              | 8.4      | 7913998 | 562960 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 203     |             |                    |                     |                     |                   | 0.11               | 0.006              | 9.1      | 7913988 | 562956 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 301     |             |                    |                     |                     |                   | 0.13               | 0.02               | 9.5      | 7913992 | 562961 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 303     |             |                    |                     |                     |                   | 0.05               | 0.007              | 9.1      | 7913983 | 562958 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z     | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|-------|-------|---------------------------|--------|
| 2021 | Pit      | 550   | N1_550_009 | 1000    |             |                    |                     |                     |                   | 0.05               | 0.007              | 8.5      | 7913995 | 562967 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1002    |             |                    |                     |                     |                   | 0.09               | 0.023              | 8.5      | 7913991 | 562976 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1004    |             |                    |                     |                     |                   | 0.13               | 0.005              | 8.6      | 7913987 | 562985 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1006    |             |                    |                     |                     |                   | 0.08               | 0.008              | 8.7      | 7913984 | 562995 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1008    |             |                    |                     |                     |                   | 0.17               | 0.008              | 7.9      | 7913981 | 563003 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1105    |             |                    |                     |                     |                   | 0.1                | 0.005              | 9.1      | 7913983 | 562989 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1107    |             |                    |                     |                     |                   | 0.11               | 0.017              | 8.8      | 7913981 | 562999 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1109    |             |                    |                     |                     |                   | 0.16               | 0.009              | 8.3      | 7913977 | 563006 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1301    |             |                    |                     |                     |                   | 0.12               | 0.014              | 9.4      | 7913987 | 562969 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1303    |             |                    |                     |                     |                   | 0.1                | 0.01               | 9.2      | 7913983 | 562978 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1305    |             |                    |                     |                     |                   | 0.16               | 0.038              | 9        | 7913980 | 562988 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1306    |             |                    |                     |                     |                   | 0.1                | 0.004              | 9.3      | 7913978 | 562992 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1307    |             |                    |                     |                     |                   | 0.1                | 0.007              | 9.3      | 7913976 | 562997 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1308    |             |                    |                     |                     |                   | 0.1                | 0.034              | 8.8      | 7913975 | 563001 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1309    |             |                    |                     |                     |                   | 0.11               | 0.012              | 9.1      | 7913973 | 563004 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1311    |             |                    |                     |                     |                   | 0.2                | 0.046              | 8.5      | 7913970 | 563012 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1312    |             |                    |                     |                     |                   | 0.2                | 0.016              | 8.3      | 7913968 | 563016 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1402    |             |                    |                     |                     |                   | 0.1                | 0.003              | 8.8      | 7913981 | 562972 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1404    |             |                    |                     |                     |                   | 0.1                | 0.016              | 8.7      | 7913977 | 562981 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1408    |             |                    |                     |                     |                   | 0.15               | 0.009              | 9        | 7913970 | 562999 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1410 D  |             |                    |                     |                     |                   | 0.17               | 0.008              | 9.1      | 7913967 | 563007 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1412    |             |                    |                     |                     |                   | 0.09               | 0.024              | 9.6      | 7913964 | 563014 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1414    |             |                    |                     |                     |                   | 0.03               | 0.032              | 8.6      | 7913961 | 563021 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1501    |             |                    |                     |                     |                   | 0.07               | 0.026              | 9        | 7913978 | 562966 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1503    |             |                    |                     |                     |                   | 0.09               | 0.049              | 8.4      | 7913975 | 562975 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1505    |             |                    |                     |                     |                   | 0.18               | 0.003              | 8.9      | 7913971 | 562984 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1506    |             |                    |                     |                     |                   | 0.06               | 0.006              | 9.3      | 7913969 | 562989 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1507    |             |                    |                     |                     |                   | 0.1                | 0.003              | 9        | 7913968 | 562994 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1509    |             |                    |                     |                     |                   | 0.12               | 0.008              | 8.1      | 7913964 | 563001 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1511    |             |                    |                     |                     |                   | 0.09               | 0.006              | 9.6      | 7913962 | 563009 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1512    |             |                    |                     |                     |                   | 0.08               | 0.019              | 9.3      | 7913960 | 563012 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1513    |             |                    |                     |                     |                   | 0.04               | 0.02               | 9.4      | 7913959 | 563016 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1515    |             |                    |                     |                     |                   | 0.03               | 0.014              | 9.2      | 7913956 | 563024 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1610    |             |                    |                     |                     |                   | 0.11               | 0.005              | 9.1      | 7913959 | 563003 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1612 D  |             |                    |                     |                     |                   | 0.05               | 0.056              | 8.7      | 7913956 | 563011 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1614    |             |                    |                     |                     |                   | 0.02               | 0.014              | 8.7      | 7913953 | 563018 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1616    |             |                    |                     |                     |                   | 0.04               | 0.012              | 9        | 7913950 | 563025 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1618    |             |                    |                     |                     |                   | 0.34               | 0.039              | 6.8      | 7913947 | 563033 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1622    |             |                    |                     |                     |                   | 0.39               | 0.008              | 7.3      | 7913942 | 563048 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1709    |             |                    |                     |                     |                   | 0.09               | 0.004              | 9.2      | 7913956 | 562998 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1711    |             |                    |                     |                     |                   | 0.13               | 0.006              | 9.2      | 7913953 | 563005 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1713    |             |                    |                     |                     |                   | 0.11               | 0.011              | 9.3      | 7913951 | 563013 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1715    |             |                    |                     |                     |                   | 0.08               | 0.006              | 9.2      | 7913948 | 563020 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1717    |             |                    |                     |                     |                   | 0.05               | 0.005              | 9.2      | 7913945 | 563028 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1719    |             |                    |                     |                     |                   | 0.3                | 0.054              | 7.5      | 7913942 | 563035 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1721    |             |                    |                     |                     |                   | 0.06               | 0.02               | 8.9      | 7913939 | 563043 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1723    |             |                    |                     |                     |                   | 0.14               | 0.008              | 8.5      | 7913936 | 563050 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1810    |             |                    |                     |                     |                   | 0.06               | 0.004              | 8.7      | 7913951 | 563000 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1812    |             |                    |                     |                     |                   | 0.06               | 0.004              | 8.5      | 7913948 | 563008 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1814    |             |                    |                     |                     |                   | 0.05               | 0.011              | 9.3      | 7913944 | 563015 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1816    |             |                    |                     |                     |                   | 0.01               | 0.004              | 8.9      | 7913942 | 563023 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1818    |             |                    |                     |                     |                   | 0.02               | 0.018              | 8.5      | 7913939 | 563030 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1820    |             |                    |                     |                     |                   | 0.1                | 0.014              | 8.8      | 7913936 | 563037 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1821    |             |                    |                     |                     |                   | 0.07               | 0.014              | 8.7      | 7913935 | 563041 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1822    |             |                    |                     |                     |                   | 0.13               | 0.004              | 9.1      | 7913934 | 563045 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1824    |             |                    |                     |                     |                   | 0.06               | 0.008              | 9.4      | 7913931 | 563052 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z     | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|-------|-------|---------------------------|--------|
| 2021 | Pit      | 550   | N1_550_009 | 1826    |             |                    |                     |                     |                   | 0.52               | 0.011              | 7.6      | 7913928 | 563060 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1909    |             |                    |                     |                     |                   | 0.18               | 0.004              | 9.5      | 7913947 | 562994 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1911    |             |                    |                     |                     |                   | 0.11               | 0.051              | 9.5      | 7913945 | 563002 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1913    |             |                    |                     |                     |                   | 0.11               | 0.031              | 9.3      | 7913942 | 563010 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1915    |             |                    |                     |                     |                   | 0.1                | 0.008              | 9.2      | 7913939 | 563017 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1917    |             |                    |                     |                     |                   | 0.11               | 0.027              | 8.5      | 7913936 | 563025 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1921    |             |                    |                     |                     |                   | 0.18               | 0.014              | 8        | 7913931 | 563040 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1923    |             |                    |                     |                     |                   | 0.1                | 0.008              | 9.3      | 7913928 | 563047 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1925    |             |                    |                     |                     |                   | 0.12               | 0.014              | 9.2      | 7913925 | 563055 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 1927    |             |                    |                     |                     |                   | 0.13               | 0.003              | 9        | 7913922 | 563062 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2008    |             |                    |                     |                     |                   | 0.09               | 0.014              | 9.1      | 7913945 | 562990 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2010    |             |                    |                     |                     |                   | 0.13               | 0.003              | 9.4      | 7913942 | 562997 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2012    |             |                    |                     |                     |                   | 0.11               | 0.034              | 9.4      | 7913939 | 563004 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2014    |             |                    |                     |                     |                   | 0.08               | 0.014              | 9.7      | 7913936 | 563011 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2016    |             |                    |                     |                     |                   | 0.08               | 0.037              | 9.2      | 7913934 | 563019 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2018    |             |                    |                     |                     |                   | 0.07               | 0.006              | 9.5      | 7913931 | 563027 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2020    |             |                    |                     |                     |                   | 0.1                | 0.004              | 9        | 7913928 | 563034 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2022    |             |                    |                     |                     |                   | 0.11               | 0.047              | 8.9      | 7913925 | 563042 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2024    |             |                    |                     |                     |                   | 0.09               | 0.008              | 9        | 7913922 | 563049 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2026    |             |                    |                     |                     |                   | 0.15               | 0.013              | 8.9      | 7913919 | 563057 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2109    |             |                    |                     |                     |                   | 0.07               | 0.008              | 9.3      | 7913939 | 562991 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2111    |             |                    |                     |                     |                   | 0.08               | 0.03               | 9.5      | 7913937 | 562999 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2113    |             |                    |                     |                     |                   | 0.1                | 0.021              | 9.6      | 7913934 | 563007 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2115    |             |                    |                     |                     |                   | 0.09               | 0.04               | 9.6      | 7913931 | 563014 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2117    |             |                    |                     |                     |                   | 0.07               | 0.003              | 9.7      | 7913928 | 563021 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2119    |             |                    |                     |                     |                   | 0.11               | 0.017              | 9.4      | 7913925 | 563029 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2121    |             |                    |                     |                     |                   | 0.09               | 0.015              | 9.4      | 7913922 | 563036 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2123    |             |                    |                     |                     |                   | 0.11               | 0.025              | 9.6      | 7913919 | 563044 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2125    |             |                    |                     |                     |                   | 0.1                | 0.02               | 9.6      | 7913917 | 563051 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2127    |             |                    |                     |                     |                   | 0.13               | 0.004              | 9.1      | 7913914 | 563059 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2129    |             |                    |                     |                     |                   | 0.16               | 0.066              | 8.9      | 7913911 | 563066 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2131    |             |                    |                     |                     |                   | 0.13               | 0.048              | 7.3      | 7913908 | 563074 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_009 | 2133    |             |                    |                     |                     |                   | 1.1                | 0.019              | 8        | 7913905 | 563081 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 206     |             |                    |                     |                     |                   | 0.1                | 0.023              | 8.9      | 7913954 | 562942 | 560   | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 208     |             |                    |                     |                     |                   | 0.09               | 0.027              | 9.1      | 7913947 | 562940 | 560   | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 215     |             |                    |                     |                     |                   | 0.09               | 0.058              | 9.2      | 7913924 | 562930 | 560   | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 217     |             |                    |                     |                     |                   | 0.06               | 0.008              | 8.6      | 7913917 | 562927 | 560   | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 220     |             |                    |                     |                     |                   | 0.13               | 0.137              | 8.9      | 7913907 | 562923 | 560   | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 302     |             |                    |                     |                     |                   | 0.11               | 0.003              | 9.2      | 7913966 | 562950 | 560   | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 304     |             |                    |                     |                     |                   | 0.12               | 0.024              | 9.1      | 7913958 | 562947 | 560   | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 306     |             |                    |                     |                     |                   | 0.08               | 0.008              | 9.4      | 7913950 | 562944 | 560   | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 308     |             |                    |                     |                     |                   | 0.09               | 0.004              | 9.2      | 7913942 | 562941 | 560   | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 310     |             |                    |                     |                     |                   | 0.11               | 0.004              | 9.6      | 7913934 | 562937 | 560   | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 312     |             |                    |                     |                     |                   | 0.07               | 0.016              | 8.8      | 7913926 | 562934 | 560   | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 314     |             |                    |                     |                     |                   | 0.07               | 0.033              | 8.8      | 7913917 | 562931 | 560   | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 316     |             |                    |                     |                     |                   | 0.09               | 0.074              | 8.6      | 7913909 | 562927 | 560   | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1002    |             |                    |                     |                     |                   | 0.11               | 0.026              | 9.7      | 7913970 | 562967 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1005    |             |                    |                     |                     |                   | 0.16               | 0.006              | 8.9      | 7913966 | 562979 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1007    |             |                    |                     |                     |                   | 0.1                | 0.022              | 8.8      | 7913962 | 562986 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1009    |             |                    |                     |                     |                   | 0.07               | 0.06               | 8.9      | 7913957 | 562990 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1011    |             |                    |                     |                     |                   | 0.1                | 0.006              | 9.6      | 7913949 | 562987 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1013    |             |                    |                     |                     |                   | 0.08               | 0.062              | 9.4      | 7913941 | 562984 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1103    |             |                    |                     |                     |                   | 0.08               | 0.048              | 9.3      | 7913966 | 562970 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1113    |             |                    |                     |                     |                   | 0.07               | 0.003              | 9        | 7913937 | 562981 | 558.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1200    |             |                    |                     |                     |                   | 0.09               | 0.003              | 9.2      | 7913967 | 562956 | 560   | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1202    |             |                    |                     |                     |                   | 0.09               | 0.003              | 9.1      | 7913964 | 562965 | 559   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z   | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|-----|-------|---------------------------|--------|
| 2021 | Pit      | 550   | N1_550_011 | 1204    |             |                    |                     |                     |                   | 0.09               | 0.026              | 9.1      | 7913961 | 562975 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1206    |             |                    |                     |                     |                   | 0.08               | 0.035              | 7.4      | 7913957 | 562984 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1301    |             |                    |                     |                     |                   | 0.11               | 0.008              | 8.8      | 7913962 | 562959 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1303    |             |                    |                     |                     |                   | 0.06               | 0.003              | 9.2      | 7913959 | 562968 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1305    |             |                    |                     |                     |                   | 0.08               | 0.016              | 9.5      | 7913955 | 562978 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1400    |             |                    |                     |                     |                   | 0.12               | 0.007              | 8.9      | 7913960 | 562953 | 560 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1402    |             |                    |                     |                     |                   | 0.08               | 0.072              | 8.5      | 7913957 | 562962 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1404    |             |                    |                     |                     |                   | 0.1                | 0.028              | 9.2      | 7913953 | 562972 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1406    |             |                    |                     |                     |                   | 0.08               | 0.008              | 9        | 7913950 | 562981 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1501    |             |                    |                     |                     |                   | 0.1                | 0.004              | 9.4      | 7913955 | 562956 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1503    |             |                    |                     |                     |                   | 0.08               | 0.098              | 9.4      | 7913951 | 562965 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1505    |             |                    |                     |                     |                   | 0.08               | 0.019              | 9.1      | 7913948 | 562975 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1600    |             |                    |                     |                     |                   | 0.12               | 0.013              | 9.4      | 7913953 | 562950 | 560 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1602    |             |                    |                     |                     |                   | 0.12               | 0.012              | 8.8      | 7913949 | 562959 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1604    |             |                    |                     |                     |                   | 0.08               | 0.022              | 9.3      | 7913946 | 562969 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1606    |             |                    |                     |                     |                   | 0.1                | 0.005              | 9.2      | 7913942 | 562978 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1701    |             |                    |                     |                     |                   | 0.07               | 0.025              | 9        | 7913947 | 562953 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1703    |             |                    |                     |                     |                   | 0.09               | 0.05               | 8.7      | 7913944 | 562962 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1705    |             |                    |                     |                     |                   | 0.1                | 0.01               | 9.1      | 7913940 | 562972 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1800    |             |                    |                     |                     |                   | 0.11               | 0.011              | 9.4      | 7913945 | 562947 | 560 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1802    |             |                    |                     |                     |                   | 0.09               | 0.005              | 9.2      | 7913941 | 562956 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1804    |             |                    |                     |                     |                   | 0.11               | 0.018              | 9.1      | 7913938 | 562965 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1806    |             |                    |                     |                     |                   | 0.11               | 0.046              | 9        | 7913934 | 562975 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1901    |             |                    |                     |                     |                   | 0.13               | 0.009              | 9        | 7913939 | 562950 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1903    |             |                    |                     |                     |                   | 0.16               | 0.004              | 9.1      | 7913935 | 562959 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1905    |             |                    |                     |                     |                   | 0.14               | 0.006              | 8.9      | 7913932 | 562968 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 1907    |             |                    |                     |                     |                   | 0.08               | 0.008              | 9.2      | 7913929 | 562978 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2000    |             |                    |                     |                     |                   | 0.19               | 0.005              | 9.4      | 7913936 | 562943 | 560 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2002    |             |                    |                     |                     |                   | 0.13               | 0.005              | 9.1      | 7913933 | 562953 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2004    |             |                    |                     |                     |                   | 0.15               | 0.003              | 9.3      | 7913930 | 562962 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2006    |             |                    |                     |                     |                   | 0.09               | 0.016              | 8.9      | 7913926 | 562972 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2101    |             |                    |                     |                     |                   | 0.15               | 0.04               | 9.6      | 7913931 | 562946 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2103    |             |                    |                     |                     |                   | 0.08               | 0.042              | 8.9      | 7913927 | 562956 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2105    |             |                    |                     |                     |                   | 0.16               | 0.004              | 9.2      | 7913924 | 562965 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2107    |             |                    |                     |                     |                   | 0.07               | 0.003              | 8.8      | 7913920 | 562975 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2200    |             |                    |                     |                     |                   | 0.1                | 0.005              | 9.1      | 7913928 | 562940 | 560 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2202    |             |                    |                     |                     |                   | 0.05               | 0.079              | 9.2      | 7913925 | 562949 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2204    |             |                    |                     |                     |                   | 0.08               | 0.003              | 8.9      | 7913921 | 562959 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2206    |             |                    |                     |                     |                   | 0.08               | 0.004              | 8.9      | 7913918 | 562969 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2301    |             |                    |                     |                     |                   | 0.1                | 0.146              | 8.8      | 7913922 | 562943 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2303    |             |                    |                     |                     |                   | 0.04               | 0.057              | 9.1      | 7913919 | 562952 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2305    |             |                    |                     |                     |                   | 0.05               | 0.008              | 9.1      | 7913916 | 562961 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2307    |             |                    |                     |                     |                   | 0.06               | 0.006              | 8.9      | 7913912 | 562971 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2400    |             |                    |                     |                     |                   | 0.05               | 0.031              | 8.9      | 7913920 | 562936 | 560 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2402    |             |                    |                     |                     |                   | 0.09               | 0.01               | 9.2      | 7913916 | 562946 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2404    |             |                    |                     |                     |                   | 0.05               | 0.014              | 9.2      | 7913913 | 562955 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2406    |             |                    |                     |                     |                   | 0.13               | 0.014              | 9.2      | 7913909 | 562965 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2501    |             |                    |                     |                     |                   | 0.04               | 0.04               | 9        | 7913914 | 562939 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2503    |             |                    |                     |                     |                   | 0.06               | 0.053              | 9.3      | 7913910 | 562949 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2505    |             |                    |                     |                     |                   | 0.09               | 0.013              | 9.2      | 7913907 | 562958 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2507    |             |                    |                     |                     |                   | 0.14               | 0.009              | 9.2      | 7913904 | 562968 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2600    | 1           | 13                 | 7.8                 | 5                   | 1.66              | 0.03               | 0.184              | 8.7      | 7913911 | 562933 | 560 | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2602    |             |                    |                     |                     |                   | 0.1                | 0.023              | 8.7      | 7913908 | 562942 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2604    |             |                    |                     |                     |                   | 0.06               | 0.012              | 9.1      | 7913905 | 562952 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2606    |             |                    |                     |                     |                   | 0.06               | 0.024              | 9.5      | 7913901 | 562961 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2701    |             |                    |                     |                     |                   | 0.24               | 0.096              | 9.2      | 7913906 | 562936 | 559 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 550   | N1_550_011 | 2703    |             |                    |                     |                     |                   | 0.13               | 0.043              | 8.9      | 7913902 | 562945 | 559    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2705    |             |                    |                     |                     |                   | 0.03               | 0.043              | 9.3      | 7913899 | 562955 | 559    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2707    |             |                    |                     |                     |                   | 0.04               | 0.004              | 8.9      | 7913895 | 562964 | 559    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2800    |             |                    |                     |                     |                   | 0.06               | 0.041              | 8.9      | 7913903 | 562930 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2802    |             |                    |                     |                     |                   | 0.11               | 0.082              | 9.3      | 7913900 | 562939 | 559    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2804    |             |                    |                     |                     |                   | 0.16               | 0.036              | 9.1      | 7913896 | 562948 | 559    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_011 | 2806    |             |                    |                     |                     |                   | 0.13               | 0.008              | 8.8      | 7913893 | 562958 | 559    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1001    |             |                    |                     |                     |                   | 0.06               | 0.014              | 8.4      | 7913894 | 562972 | 559.61 | 11.11 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1003    |             |                    |                     |                     |                   | 0.09               | 0.008              | 8.7      | 7913901 | 562975 | 559.48 | 10.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1005    |             |                    |                     |                     |                   | 0.12               | 0.031              | 8.7      | 7913910 | 562978 | 560.03 | 11.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1007    |             |                    |                     |                     |                   | 0.11               | 0.007              | 8.4      | 7913918 | 562981 | 559.45 | 10.95 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1009    |             |                    |                     |                     |                   | 0.06               | 0.003              | 9.1      | 7913926 | 562984 | 559.91 | 11.41 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1014    |             |                    |                     |                     |                   | 0.14               | 0.022              | 9.3      | 7913927 | 563001 | 559.94 | 11.44 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1017    |             |                    |                     |                     |                   | 0.1                | 0.039              | 9.7      | 7913921 | 563013 | 559.71 | 11.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1019    |             |                    |                     |                     |                   | 0.15               | 0.006              | 8.9      | 7913919 | 563022 | 559.67 | 11.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1021    |             |                    |                     |                     |                   | 0.09               | 0.021              | 9.5      | 7913916 | 563030 | 559.24 | 10.74 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1024    |             |                    |                     |                     |                   | 0.1                | 0.06               | 9.7      | 7913911 | 563043 | 559.6  | 11.1  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1026    |             |                    |                     |                     |                   | 0.11               | 0.007              | 9.6      | 7913907 | 563051 | 559.17 | 10.67 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1028    |             |                    |                     |                     |                   | 0.06               | 0.068              | 9.2      | 7913905 | 563060 | 559.25 | 10.75 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1030    |             |                    |                     |                     |                   | 0.06               | 0.047              | 9.7      | 7913902 | 563068 | 560.03 | 11.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1100    |             |                    |                     |                     |                   | 0.07               | 0.048              | 8.5      | 7913888 | 562972 | 559.78 | 11.28 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1102    |             |                    |                     |                     |                   | 0.07               | 0.003              | 8.9      | 7913896 | 562975 | 559.8  | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1104    |             |                    |                     |                     |                   | 0.13               | 0.003              | 8.6      | 7913904 | 562979 | 559.92 | 11.42 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1108    |             |                    |                     |                     |                   | 0.19               | 0.008              | 8.9      | 7913921 | 562985 | 559.8  | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1110    |             |                    |                     |                     |                   | 0.08               | 0.018              | 9        | 7913929 | 562988 | 560.12 | 11.62 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1112    |             |                    |                     |                     |                   | 0.11               | 0.044              | 9.2      | 7913927 | 562996 | 560.21 | 11.71 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1115    |             |                    |                     |                     |                   | 0.06               | 0.031              | 9.3      | 7913921 | 563008 | 559.44 | 10.94 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1117    |             |                    |                     |                     |                   | 0.13               | 0.006              | 9.3      | 7913918 | 563017 | 559.62 | 11.12 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1119    |             |                    |                     |                     |                   | 0.12               | 0.067              | 9.2      | 7913915 | 563025 | 559.35 | 10.85 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1121    |             |                    |                     |                     |                   | 0.07               | 0.174              | 7.9      | 7913912 | 563034 | 559.24 | 10.74 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1124    |             |                    |                     |                     |                   | 0.07               | 0.03               | 9.1      | 7913907 | 563046 | 559.22 | 10.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1126    |             |                    |                     |                     |                   | 0.02               | 0.049              | 9        | 7913904 | 563055 | 559.46 | 10.96 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1128    |             |                    |                     |                     |                   | 0.02               | 0.052              | 9.8      | 7913902 | 563063 | 559.64 | 11.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1130    |             |                    |                     |                     |                   | 0.01               | 0.03               | 9.6      | 7913898 | 563072 | 560.41 | 11.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1133    |             |                    |                     |                     |                   | 0.02               | 0.011              | 7.2      | 7913893 | 563084 | 560.76 | 12.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1200    |             |                    |                     |                     |                   | 0.1                | 0.005              | 9.6      | 7913923 | 562992 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1202    |             |                    |                     |                     |                   | 0.06               | 0.013              | 9.1      | 7913920 | 563001 | 559.86 | 11.36 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1204    |             |                    |                     |                     |                   | 0.1                | 0.05               | 9.6      | 7913916 | 563011 | 559.38 | 10.88 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1206    |             |                    |                     |                     |                   | 0.09               | 0.008              | 9.3      | 7913913 | 563020 | 559.62 | 11.12 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1208    |             |                    |                     |                     |                   | 0.08               | 0.02               | 9.5      | 7913909 | 563030 | 559.21 | 10.71 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1210    |             |                    |                     |                     |                   | 0.1                | 0.134              | 9.4      | 7913906 | 563039 | 559.23 | 10.73 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1212    |             |                    |                     |                     |                   | 0.04               | 0.09               | 9        | 7913902 | 563049 | 559.06 | 10.56 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1214    |             |                    |                     |                     |                   | 0.02               | 0.031              | 9.5      | 7913899 | 563058 | 558.96 | 10.46 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1216    |             |                    |                     |                     |                   | 0.09               | 0.003              | 9.7      | 7913896 | 563068 | 559.73 | 11.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1218    |             |                    |                     |                     |                   | 0.01               | 0.054              | 9.5      | 7913892 | 563077 | 560.39 | 11.89 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1220    |             |                    |                     |                     |                   | 0.01               | 0.01               | 7.9      | 7913888 | 563087 | 560.82 | 12.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1301    |             |                    |                     |                     |                   | 0.07               | 0.187              | 9.1      | 7913918 | 562995 | 559.58 | 11.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1303    |             |                    |                     |                     |                   | 0.08               | 0.018              | 9        | 7913914 | 563004 | 559.52 | 11.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1305    |             |                    |                     |                     |                   | 0.09               | 0.009              | 8.7      | 7913911 | 563014 | 559.45 | 10.95 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1307    |             |                    |                     |                     |                   | 0.08               | 0.003              | 8.9      | 7913907 | 563023 | 559.36 | 10.86 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1309    |             |                    |                     |                     |                   | 0.09               | 0.006              | 9.7      | 7913904 | 563033 | 559.13 | 10.63 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1311    |             |                    |                     |                     |                   | 0.06               | 0.045              | 9.4      | 7913900 | 563043 | 558.97 | 10.47 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1313    |             |                    |                     |                     |                   | 0.02               | 0.06               | 9.2      | 7913897 | 563052 | 558.96 | 10.46 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1315    |             |                    |                     |                     |                   | 0.01               | 0.031              | 8.5      | 7913893 | 563062 | 559.34 | 10.84 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1317    |             |                    |                     |                     |                   | 0.01               | 0.034              | 9.6      | 7913890 | 563071 | 560.11 | 11.61 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 550   | N1_550_013 | 1319    |             |                    |                     |                     |                   | 0.03               | 0.026              | 9.4      | 7913886 | 563080 | 560.59 | 12.09 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1321    |             |                    |                     |                     |                   | 0.01               | 0.003              | 9.1      | 7913882 | 563089 | 560.95 | 12.45 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1400    |             |                    |                     |                     |                   | 0.15               | 0.028              | 9.1      | 7913915 | 562989 | 559.78 | 11.28 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1402    |             |                    |                     |                     |                   | 0.09               | 0.029              | 9.2      | 7913912 | 562998 | 560.05 | 11.55 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1404    |             |                    |                     |                     |                   | 0.1                | 0.009              | 8.7      | 7913908 | 563008 | 559.51 | 11.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1406    |             |                    |                     |                     |                   | 0.16               | 0.008              | 9.2      | 7913905 | 563017 | 559.17 | 10.67 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1408    |             |                    |                     |                     |                   | 0.1                | 0.004              | 9.1      | 7913901 | 563027 | 559.27 | 10.77 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1410    |             |                    |                     |                     |                   | 0.04               | 0.003              | 8.9      | 7913897 | 563036 | 559.5  | 11    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1412    |             |                    |                     |                     |                   | 0.06               | 0.037              | 9.2      | 7913894 | 563046 | 558.96 | 10.46 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1414    |             |                    |                     |                     |                   | 0.05               | 0.02               | 9.3      | 7913891 | 563055 | 559.02 | 10.52 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1416    |             |                    |                     |                     |                   | 0.03               | 0.006              | 9.2      | 7913887 | 563065 | 559.58 | 11.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1418    |             |                    |                     |                     |                   | 0.08               | 0.037              | 9.2      | 7913884 | 563074 | 560.53 | 12.03 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1420    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.5      | 7913880 | 563083 | 560.66 | 12.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1501    |             |                    |                     |                     |                   | 0.1                | 0.003              | 8.7      | 7913909 | 562992 | 559.71 | 11.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1503    |             |                    |                     |                     |                   | 0.02               | 0.003              | 9.2      | 7913905 | 563001 | 560.06 | 11.56 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1505    |             |                    |                     |                     |                   | 0.14               | 0.011              | 9.6      | 7913902 | 563011 | 559.89 | 11.39 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1507    |             |                    |                     |                     |                   | 0.11               | 0.007              | 9.7      | 7913898 | 563020 | 559.44 | 10.94 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1509    |             |                    |                     |                     |                   | 0.07               | 0.003              | 9.2      | 7913895 | 563030 | 559.47 | 10.97 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1511    |             |                    |                     |                     |                   | 0.01               | 0.008              | 9.6      | 7913891 | 563040 | 559.44 | 10.94 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1513    |             |                    |                     |                     |                   | 0.03               | 0.01               | 9.1      | 7913888 | 563049 | 558.99 | 10.49 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1515    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.5      | 7913885 | 563059 | 559.68 | 11.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1517    |             |                    |                     |                     |                   | 0.05               | 0.003              | 9.7      | 7913880 | 563068 | 560.38 | 11.88 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1519    |             |                    |                     |                     |                   | 0.04               | 0.028              | 9.2      | 7913878 | 563077 | 560.76 | 12.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1521    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.9      | 7913874 | 563087 | 560.94 | 12.44 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1600    |             |                    |                     |                     |                   | 0.07               | 0.003              | 9.2      | 7913907 | 562986 | 559.86 | 11.36 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1602    |             |                    |                     |                     |                   | 0.1                | 0.003              | 9.5      | 7913903 | 562995 | 560.12 | 11.62 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1604    |             |                    |                     |                     |                   | 0.01               | 0.003              | 9.3      | 7913900 | 563004 | 559.81 | 11.31 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1606    |             |                    |                     |                     |                   | 0.09               | 0.004              | 9.5      | 7913896 | 563014 | 559.66 | 11.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1608    |             |                    |                     |                     |                   | 0.09               | 0.025              | 9        | 7913893 | 563024 | 559.5  | 11    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1610    |             |                    |                     |                     |                   | 0.04               | 0.003              | 9.2      | 7913889 | 563033 | 559.66 | 11.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1612    |             |                    |                     |                     |                   | 0.05               | 0.03               | 9.5      | 7913886 | 563043 | 559.46 | 10.96 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1614    |             |                    |                     |                     |                   | 0.03               | 0.017              | 9.4      | 7913882 | 563052 | 559.39 | 10.89 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1616    |             |                    |                     |                     |                   | 0.06               | 0.042              | 9.4      | 7913878 | 563062 | 559.83 | 11.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1618    |             |                    |                     |                     |                   | 0.01               | 0.008              | 8.8      | 7913875 | 563071 | 560.68 | 12.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1620    |             |                    |                     |                     |                   | 0.05               | 0.028              | 8.9      | 7913872 | 563081 | 560.88 | 12.38 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1701    |             |                    |                     |                     |                   | 0.07               | 0.046              | 9.2      | 7913901 | 562988 | 559.82 | 11.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1703    |             |                    |                     |                     |                   | 0.01               | 0.003              | 9.4      | 7913897 | 562999 | 560.01 | 11.51 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1705    |             |                    |                     |                     |                   | 0.18               | 0.022              | 9.3      | 7913893 | 563008 | 559.95 | 11.45 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1707    |             |                    |                     |                     |                   | 0.11               | 0.07               | 9.1      | 7913890 | 563017 | 559.69 | 11.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1709    |             |                    |                     |                     |                   | 0.08               | 0.04               | 9.8      | 7913887 | 563027 | 559.77 | 11.27 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1711    |             |                    |                     |                     |                   | 0.05               | 0.02               | 9.6      | 7913883 | 563036 | 559.86 | 11.36 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1713    |             |                    |                     |                     |                   | 0.03               | 0.011              | 9.3      | 7913879 | 563046 | 559.37 | 10.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1715    |             |                    |                     |                     |                   | 0.02               | 0.008              | 9.5      | 7913876 | 563055 | 559.81 | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1717    |             |                    |                     |                     |                   | 0.04               | 0.021              | 9.3      | 7913872 | 563065 | 560.31 | 11.81 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1719    |             |                    |                     |                     |                   | 0.04               | 0.006              | 8        | 7913869 | 563074 | 560.67 | 12.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1721    |             |                    |                     |                     |                   | 0.01               | 0.022              | 7.7      | 7913866 | 563084 | 560.82 | 12.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1800    |             |                    |                     |                     |                   | 0.04               | 0.003              | 8.9      | 7913898 | 562982 | 559.75 | 11.25 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1802    |             |                    |                     |                     |                   | 0.02               | 0.015              | 9.3      | 7913894 | 562992 | 560.08 | 11.58 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1804    |             |                    |                     |                     |                   | 0.01               | 0.074              | 9.3      | 7913891 | 563001 | 559.78 | 11.28 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1806    |             |                    |                     |                     |                   | 0.16               | 0.03               | 9.2      | 7913888 | 563011 | 559.47 | 10.97 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1808    |             |                    |                     |                     |                   | 0.04               | 0.034              | 9.5      | 7913884 | 563020 | 559.74 | 11.24 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1810    |             |                    |                     |                     |                   | 0.05               | 0.033              | 9.3      | 7913881 | 563030 | 559.82 | 11.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1812    |             |                    |                     |                     |                   | 0.04               | 0.014              | 9.2      | 7913877 | 563040 | 559.6  | 11.1  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1814    |             |                    |                     |                     |                   | 0.05               | 0.009              | 9        | 7913874 | 563049 | 559.79 | 11.29 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1816    |             |                    |                     |                     |                   | 0.02               | 0.04               | 9.6      | 7913870 | 563059 | 560.19 | 11.69 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 550   | N1_550_013 | 1818    |             |                    |                     |                     |                   | 0.03               | 0.036              | 8.7      | 7913867 | 563068 | 560.52 | 12.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1820    |             |                    |                     |                     |                   | 0.01               | 0.024              | 9.1      | 7913863 | 563078 | 560.99 | 12.49 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1901    |             |                    |                     |                     |                   | 0.03               | 0.017              | 9        | 7913892 | 562985 | 559.73 | 11.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1903    |             |                    |                     |                     |                   | 0.03               | 0.014              | 9.1      | 7913889 | 562995 | 559.88 | 11.38 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1905    |             |                    |                     |                     |                   | 0.04               | 0.003              | 9.3      | 7913885 | 563005 | 559.45 | 10.95 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1907    |             |                    |                     |                     |                   | 0.11               | 0.069              | 9.2      | 7913881 | 563014 | 560.09 | 11.59 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1909    |             |                    |                     |                     |                   | 0.07               | 0.038              | 9.2      | 7913878 | 563024 | 559.79 | 11.29 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1911    |             |                    |                     |                     |                   | 0.04               | 0.006              | 9.6      | 7913875 | 563033 | 559.55 | 11.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1913    |             |                    |                     |                     |                   | 0.03               | 0.003              | 9.5      | 7913871 | 563043 | 559.55 | 11.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1915    |             |                    |                     |                     |                   | 0.01               | 0.003              | 9.4      | 7913868 | 563052 | 560.08 | 11.58 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1917    |             |                    |                     |                     |                   | 0.02               | 0.006              | 8        | 7913864 | 563062 | 560.44 | 11.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1919    |             |                    |                     |                     |                   | 0.02               | 0.015              | 7.9      | 7913861 | 563071 | 560.63 | 12.13 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 1921    |             |                    |                     |                     |                   | 0.02               | 0.003              | 8.4      | 7913857 | 563081 | 560.76 | 12.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2000    |             |                    |                     |                     |                   | 0.04               | 0.018              | 8.5      | 7913890 | 562978 | 559.64 | 11.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2002    |             |                    |                     |                     |                   | 0.06               | 0.038              | 9.2      | 7913886 | 562989 | 559.39 | 10.89 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2004    |             |                    |                     |                     |                   | 0.01               | 0.094              | 8.9      | 7913883 | 562998 | 559.71 | 11.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2006    |             |                    |                     |                     |                   | 0.08               | 0.006              | 8.7      | 7913879 | 563008 | 559.88 | 11.38 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2008    |             |                    |                     |                     |                   | 0.04               | 0.013              | 8.9      | 7913876 | 563018 | 559.69 | 11.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2010    |             |                    |                     |                     |                   | 0.02               | 0.017              | 8.8      | 7913872 | 563026 | 559.8  | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2012    |             |                    |                     |                     |                   | 0.08               | 0.004              | 9.2      | 7913869 | 563037 | 559.56 | 11.06 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2014    |             |                    |                     |                     |                   | 0.04               | 0.003              | 9.3      | 7913865 | 563046 | 559.86 | 11.36 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2016    |             |                    |                     |                     |                   | 0.02               | 0.003              | 9.5      | 7913862 | 563056 | 560.35 | 11.85 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2018    |             |                    |                     |                     |                   | 0.01               | 0.003              | 9        | 7913858 | 563065 | 560.75 | 12.25 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2020    |             |                    |                     |                     |                   | 0.05               | 0.009              | 8.5      | 7913855 | 563075 | 560.91 | 12.41 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2101    |             |                    |                     |                     |                   | 0.03               | 0.006              | 8.7      | 7913884 | 562982 | 559.33 | 10.83 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2103    |             |                    |                     |                     |                   | 0.03               | 0.006              | 9.1      | 7913880 | 562992 | 559.58 | 11.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2105    |             |                    |                     |                     |                   | 0.09               | 0.034              | 9.1      | 7913877 | 563001 | 560.05 | 11.55 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2107    |             |                    |                     |                     |                   | 0.08               | 0.023              | 9.2      | 7913873 | 563011 | 559.74 | 11.24 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2109    |             |                    |                     |                     |                   | 0.08               | 0.016              | 9.1      | 7913870 | 563021 | 559.76 | 11.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2111    |             |                    |                     |                     |                   | 0.06               | 0.019              | 8.8      | 7913866 | 563030 | 560.01 | 11.51 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2113    |             |                    |                     |                     |                   | 0.01               | 0.029              | 8.9      | 7913863 | 563040 | 559.79 | 11.29 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2115    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.8      | 7913859 | 563049 | 560.32 | 11.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2117    |             |                    |                     |                     |                   | 0.02               | 0.012              | 9.3      | 7913856 | 563059 | 560.57 | 12.07 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2119    |             |                    |                     |                     |                   | 0.07               | 0.009              | 8.4      | 7913852 | 563068 | 560.55 | 12.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_013 | 2121    |             |                    |                     |                     |                   | 0.01               | 0.003              | 7.9      | 7913849 | 563078 | 560.87 | 12.37 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1022    |             |                    |                     |                     |                   | 0.11               | 0.04               | 8.2      | 7913980 | 563132 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1225    | 1           | 16                 | 6.3                 | 10                  | 2.56              | 0.09               | 0.138              | 7.4      | 7913989 | 563144 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1322    |             |                    |                     |                     |                   | 0.08               | 0.044              | 8        | 7913976 | 563143 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1324    |             |                    |                     |                     |                   | 0.73               | 0.108              | 7.8      | 7913983 | 563146 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1423    |             |                    |                     |                     |                   | 0.03               | 0.084              | 7.4      | 7913978 | 563149 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1425    |             |                    |                     |                     |                   | 0.04               | 0.085              | 7.3      | 7913986 | 563152 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1427    |             |                    |                     |                     |                   | 0.02               | 0.053              | 7.9      | 7913994 | 563155 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1522    |             |                    |                     |                     |                   | 0.04               | 0.093              | 8.3      | 7913973 | 563152 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1524    |             |                    |                     |                     |                   | 0.02               | 0.076              | 7.2      | 7913980 | 563155 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1526    |             |                    |                     |                     |                   | 0.03               | 0.022              | 7.5      | 7913988 | 563158 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1623    |             |                    |                     |                     |                   | 0.1                | 0.082              | 7.1      | 7913975 | 563157 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1625    |             |                    |                     |                     |                   | 0.07               | 0.016              | 8.1      | 7913982 | 563160 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1627    |             |                    |                     |                     |                   | 0.03               | 0.021              | 8.3      | 7913991 | 563163 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1722    |             |                    |                     |                     |                   | 0.05               | 0.025              | 8.1      | 7913970 | 563160 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1724    |             |                    |                     |                     |                   | 0.01               | 0.1                | 7.6      | 7913977 | 563163 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1726    |             |                    |                     |                     |                   | 0.01               | 0.005              | 8.6      | 7913985 | 563166 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1823    |             |                    |                     |                     |                   | 0.02               | 0.021              | 7.9      | 7913972 | 563166 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1825    |             |                    |                     |                     |                   | 0.01               | 0.011              | 8        | 7913979 | 563169 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1827    |             |                    |                     |                     |                   | 0.01               | 0.003              | 7.9      | 7913987 | 563172 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1922    |             |                    |                     |                     |                   | 0.73               | 0.01               | 7.9      | 7913966 | 563169 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 550   | N1_550_015 | 1924    |             |                    |                     |                     |                   | 0.1                | 0.07               | 8.3      | 7913974 | 563171 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 1926    |             |                    |                     |                     |                   | 0.16               | 0.005              | 7.6      | 7913982 | 563174 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 2023    |             |                    |                     |                     |                   | 0.08               | 0.015              | 8.1      | 7913969 | 563174 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 2025    |             |                    |                     |                     |                   | 0.09               | 0.003              | 8.8      | 7913976 | 563177 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 2124    |             |                    |                     |                     |                   | 0.07               | 0.009              | 8.1      | 7913971 | 563180 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_015 | 2223    |             |                    |                     |                     |                   | 0.2                | 0.006              | 8.2      | 7913965 | 563183 | 558.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 200     |             |                    |                     |                     |                   | 0.07               | 0.108              | 8.9      | 7913900 | 562920 | 560.8  | 12.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 201     |             |                    |                     |                     |                   | 0.14               | 0.02               | 9.2      | 7913896 | 562919 | 560.38 | 11.88 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 204     |             |                    |                     |                     |                   | 0.02               | 0.044              | 9.7      | 7913886 | 562915 | 560.7  | 12.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 207     |             |                    |                     |                     |                   | 0.14               | 0.007              | 8.8      | 7913876 | 562910 | 560.38 | 11.88 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 209 D   |             |                    |                     |                     |                   | 0.1                | 0.019              | 9.3      | 7913869 | 562907 | 560.18 | 11.68 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 210     |             |                    |                     |                     |                   | 0.06               | 0.005              | 9.5      | 7913866 | 562906 | 560.31 | 11.81 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 212     |             |                    |                     |                     |                   | 0.02               | 0.028              | 8.6      | 7913859 | 562903 | 560.04 | 11.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 302     |             |                    |                     |                     |                   | 0.05               | 0.014              | 9.5      | 7913889 | 562919 | 560.32 | 11.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 304     |             |                    |                     |                     |                   | 0.07               | 0.009              | 8.9      | 7913880 | 562915 | 560.55 | 12.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 306     |             |                    |                     |                     |                   | 0.15               | 0.018              | 9.7      | 7913870 | 562913 | 560.13 | 11.63 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 308     |             |                    |                     |                     |                   | 0.05               | 0.003              | 9.5      | 7913861 | 562908 | 560.19 | 11.68 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 310     |             |                    |                     |                     |                   | 0.05               | 0.012              | 9.1      | 7913852 | 562904 | 560.15 | 11.65 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1000    |             |                    |                     |                     |                   | 0.05               | 0.057              | 9.4      | 7913896 | 562928 | 560.09 | 11.59 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1002    |             |                    |                     |                     |                   | 0.08               | 0.038              | 9.4      | 7913893 | 562937 | 560.13 | 11.63 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1004    |             |                    |                     |                     |                   | 0.11               | 0.07               | 8.9      | 7913890 | 562945 | 560.23 | 11.73 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1006    |             |                    |                     |                     |                   | 0.1                | 0.044              | 8.5      | 7913886 | 562956 | 560.1  | 11.6  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1008    |             |                    |                     |                     |                   | 0.17               | 0.022              | 8.9      | 7913883 | 562965 | 559.68 | 11.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1010    |             |                    |                     |                     |                   | 0.13               | 0.006              | 9.4      | 7913878 | 562975 | 559.62 | 11.12 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1012 D  |             |                    |                     |                     |                   | 0.08               | 0.1                | 9        | 7913876 | 562984 | 558.95 | 10.45 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1014    |             |                    |                     |                     |                   | 0.08               | 0.016              | 8.9      | 7913872 | 562992 | 559.03 | 10.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1101    |             |                    |                     |                     |                   | 0.04               | 0.058              | 8.8      | 7913892 | 562931 | 560.4  | 11.9  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1103    |             |                    |                     |                     |                   | 0.02               | 0.029              | 9        | 7913889 | 562941 | 560.11 | 11.61 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1105    |             |                    |                     |                     |                   | 0.07               | 0.151              | 8.5      | 7913886 | 562950 | 560.5  | 12    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1107    |             |                    |                     |                     |                   | 0.17               | 0.153              | 9.1      | 7913882 | 562959 | 560.52 | 12.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1109    |             |                    |                     |                     |                   | 0.08               | 0.016              | 9        | 7913879 | 562969 | 559.71 | 11.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1111    |             |                    |                     |                     |                   | 0.1                | 0.004              | 9.1      | 7913875 | 562978 | 559.24 | 10.74 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1113    |             |                    |                     |                     |                   | 0.09               | 0.01               | 9.1      | 7913871 | 562987 | 559.23 | 10.73 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1115    |             |                    |                     |                     |                   | 0.13               | 0.009              | 9        | 7913868 | 562997 | 559.01 | 10.51 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1200    |             |                    |                     |                     |                   | 0.13               | 0.062              | 9.2      | 7913891 | 562924 | 560.09 | 11.59 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1202    |             |                    |                     |                     |                   | 0.14               | 0.061              | 8.8      | 7913887 | 562934 | 560.5  | 12    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1204    |             |                    |                     |                     |                   | 0.05               | 0.087              | 8.3      | 7913884 | 562943 | 560.59 | 12.09 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1206    |             |                    |                     |                     |                   | 0.28               | 0.116              | 9.2      | 7913881 | 562952 | 560.23 | 11.73 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1208    |             |                    |                     |                     |                   | 0.18               | 0.149              | 8.9      | 7913878 | 562962 | 560.44 | 11.94 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1210 D  |             |                    |                     |                     |                   | 0.08               | 0.006              | 9        | 7913873 | 562971 | 559.29 | 10.79 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1212    |             |                    |                     |                     |                   | 0.11               | 0.028              | 9.1      | 7913871 | 562980 | 559.48 | 10.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1214    |             |                    |                     |                     |                   | 0.19               | 0.022              | 9.1      | 7913866 | 562990 | 558.84 | 10.34 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1301    |             |                    |                     |                     |                   | 0.04               | 0.035              | 8.9      | 7913885 | 562927 | 560.53 | 12.03 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1303    |             |                    |                     |                     |                   | 0.06               | 0.035              | 8.7      | 7913882 | 562937 | 560.51 | 12.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1305    |             |                    |                     |                     |                   | 0.11               | 0.128              | 8.9      | 7913878 | 562946 | 560.33 | 11.83 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1307    |             |                    |                     |                     |                   | 0.1                | 0.045              | 9        | 7913876 | 562956 | 560.4  | 11.9  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1309    |             |                    |                     |                     |                   | 0.08               | 0.03               | 8.7      | 7913872 | 562965 | 559.92 | 11.42 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1311    |             |                    |                     |                     |                   | 0.07               | 0.003              | 8.9      | 7913868 | 562974 | 559.36 | 10.86 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1313    |             |                    |                     |                     |                   | 0.09               | 0.013              | 9        | 7913864 | 562984 | 559.39 | 10.89 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1315    |             |                    |                     |                     |                   | 0.11               | 0.056              | 9.2      | 7913861 | 562993 | 558.6  | 10.1  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1400    |             |                    |                     |                     |                   | 0.06               | 0.017              | 7.9      | 7913883 | 562921 | 560.12 | 11.62 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1402    |             |                    |                     |                     |                   | 0.11               | 0.026              | 8.9      | 7913879 | 562930 | 560.64 | 12.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1404    |             |                    |                     |                     |                   | 0.09               | 0.05               | 9.1      | 7913876 | 562940 | 560.45 | 11.95 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1406    |             |                    |                     |                     |                   | 0.12               | 0.056              | 9.1      | 7913873 | 562949 | 560.13 | 11.63 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1408    |             |                    |                     |                     |                   | 0.11               | 0.108              | 9.5      | 7913868 | 562958 | 560.27 | 11.77 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 550   | N1_550_019 | 1410    |             |                    |                     |                     |                   | 0.07               | 0.011              | 8.9      | 7913865 | 562968 | 559.55 | 11.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1412    |             |                    |                     |                     |                   | 0.1                | 0.003              | 9.1      | 7913862 | 562977 | 559.14 | 10.64 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1414    |             |                    |                     |                     |                   | 0.17               | 0.003              | 9.1      | 7913859 | 562987 | 558.93 | 10.43 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1501    |             |                    |                     |                     |                   | 0.08               | 0.027              | 8.8      | 7913877 | 562924 | 560.48 | 11.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1503    |             |                    |                     |                     |                   | 0.13               | 0.017              | 8.9      | 7913873 | 562933 | 560.54 | 12.04 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1505    |             |                    |                     |                     |                   | 0.05               | 0.101              | 9        | 7913870 | 562943 | 560.5  | 12    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1507    |             |                    |                     |                     |                   | 0.13               | 0.07               | 9.6      | 7913867 | 562953 | 560.18 | 11.68 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1509 D  |             |                    |                     |                     |                   | 0.09               | 0.078              | 9.2      | 7913863 | 562962 | 559.78 | 11.28 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1511    |             |                    |                     |                     |                   | 0.03               | 0.003              | 9        | 7913859 | 562971 | 559.47 | 10.97 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1513    |             |                    |                     |                     |                   | 0.05               | 0.031              | 9.1      | 7913856 | 562980 | 558.84 | 10.34 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1515    |             |                    |                     |                     |                   | 0.08               | 0.003              | 8.8      | 7913852 | 562990 | 558.84 | 10.34 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1600    |             |                    |                     |                     |                   | 0.08               | 0.096              | 8.8      | 7913874 | 562918 | 560.73 | 12.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1602    |             |                    |                     |                     |                   | 0.1                | 0.081              | 9        | 7913871 | 562927 | 560.25 | 11.75 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1604    |             |                    |                     |                     |                   | 0.13               | 0.067              | 8.9      | 7913867 | 562937 | 560.32 | 11.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1606    |             |                    |                     |                     |                   | 0.15               | 0.014              | 9.2      | 7913864 | 562946 | 560.05 | 11.55 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1608    |             |                    |                     |                     |                   | 0.16               | 0.031              | 9.5      | 7913860 | 562955 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1610    |             |                    |                     |                     |                   | 0.13               | 0.034              | 9        | 7913857 | 562965 | 559.33 | 10.83 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1612    |             |                    |                     |                     |                   | 0.08               | 0.003              | 9.1      | 7913853 | 562974 | 559.37 | 10.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1701    |             |                    |                     |                     |                   | 0.14               | 0.004              | 9.4      | 7913868 | 562921 | 560.29 | 11.79 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1703    |             |                    |                     |                     |                   | 0.12               | 0.014              | 9.6      | 7913865 | 562931 | 560.68 | 12.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1705    |             |                    |                     |                     |                   | 0.13               | 0.089              | 9.3      | 7913861 | 562940 | 559.96 | 11.46 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1707    |             |                    |                     |                     |                   | 0.09               | 0.016              | 9.6      | 7913858 | 562949 | 559.98 | 11.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1709    |             |                    |                     |                     |                   | 0.19               | 0.024              | 9.6      | 7913854 | 562959 | 559.68 | 11.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1711    |             |                    |                     |                     |                   | 0.15               | 0.056              | 9        | 7913851 | 562968 | 559.47 | 10.97 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1713 D  |             |                    |                     |                     |                   | 0.14               | 0.022              | 9        | 7913847 | 562977 | 559.02 | 10.52 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1800    |             |                    |                     |                     |                   | 0.17               | 0.005              | 9.5      | 7913866 | 562915 | 560.66 | 12.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1802    |             |                    |                     |                     |                   | 0.11               | 0.004              | 9.5      | 7913862 | 562924 | 560.48 | 11.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1804    |             |                    |                     |                     |                   | 0.11               | 0.033              | 9.4      | 7913859 | 562933 | 560.55 | 12.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1806 D  |             |                    |                     |                     |                   | 0.09               | 0.021              | 9.4      | 7913855 | 562943 | 559.78 | 11.28 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1808    |             |                    |                     |                     |                   | 0.1                | 0.004              | 9.6      | 7913851 | 562952 | 559.86 | 11.36 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1810    |             |                    |                     |                     |                   | 0.11               | 0.044              | 9.8      | 7913848 | 562962 | 559.43 | 10.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1812    |             |                    |                     |                     |                   | 0.14               | 0.004              | 8.8      | 7913845 | 562971 | 559.49 | 10.99 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1814    |             |                    |                     |                     |                   | 0.08               | 0.013              | 9.3      | 7913841 | 562980 | 559.17 | 10.67 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1901    |             |                    |                     |                     |                   | 0.17               | 0.006              | 8.9      | 7913860 | 562918 | 560.67 | 12.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1903    |             |                    |                     |                     |                   | 0.11               | 0.008              | 9.2      | 7913856 | 562927 | 560.28 | 11.78 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1905    |             |                    |                     |                     |                   | 0.08               | 0.04               | 9.2      | 7913853 | 562937 | 560.12 | 11.62 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1907    |             |                    |                     |                     |                   | 0.1                | 0.022              | 9.4      | 7913849 | 562946 | 559.9  | 11.4  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1909    |             |                    |                     |                     |                   | 0.16               | 0.016              | 9.3      | 7913846 | 562956 | 559.98 | 11.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1911    |             |                    |                     |                     |                   | 0.1                | 0.043              | 9.7      | 7913842 | 562964 | 560.09 | 11.59 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1913    |             |                    |                     |                     |                   | 0.11               | 0.021              | 9.1      | 7913839 | 562974 | 559.32 | 10.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 1915    |             |                    |                     |                     |                   | 0.11               | 0.034              | 9.1      | 7913835 | 562984 | 559.19 | 10.69 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 2000 D  |             |                    |                     |                     |                   | 0.08               | 0.004              | 8.5      | 7913857 | 562912 | 560.43 | 11.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 2002    |             |                    |                     |                     |                   | 0.11               | 0.009              | 8.5      | 7913854 | 562921 | 560.2  | 11.7  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 2004    |             |                    |                     |                     |                   | 0.09               | 0.013              | 9.6      | 7913850 | 562930 | 560.33 | 11.83 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 2006    |             |                    |                     |                     |                   | 0.09               | 0.164              | 8.7      | 7913846 | 562940 | 560.34 | 11.84 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 2008    |             |                    |                     |                     |                   | 0.2                | 0.018              | 9.4      | 7913843 | 562949 | 559.82 | 11.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 2010    |             |                    |                     |                     |                   | 0.12               | 0.144              | 9.5      | 7913840 | 562959 | 560.09 | 11.59 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 2012    |             |                    |                     |                     |                   | 0.11               | 0.023              | 9.5      | 7913836 | 562968 | 559.82 | 11.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 2014    |             |                    |                     |                     |                   | 0.11               | 0.055              | 9.1      | 7913832 | 562977 | 559.69 | 11.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 2100    |             |                    |                     |                     |                   | 0.09               | 0.046              | 8.7      | 7913853 | 562910 | 560.4  | 11.9  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 2101    |             |                    |                     |                     |                   | 0.22               | 0.056              | 9        | 7913852 | 562916 | 560.55 | 12.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 2103    |             |                    |                     |                     |                   | 0.1                | 0.136              | 9.2      | 7913849 | 562925 | 560.35 | 11.85 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 2105    |             |                    |                     |                     |                   | 0.14               | 0.095              | 9.6      | 7913846 | 562934 | 560.2  | 11.7  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 2107    |             |                    |                     |                     |                   | 0.12               | 0.034              | 9        | 7913841 | 562943 | 560.32 | 11.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 2109    |             |                    |                     |                     |                   | 0.15               | 0.041              | 9.3      | 7913837 | 562953 | 559.71 | 11.21 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 550   | N1_550_019 | 2111    |             |                    |                     |                     |                   | 0.13               | 0.034              | 9.3      | 7913834 | 562962 | 560.01 | 11.51 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 2113    |             |                    |                     |                     |                   | 0.09               | 0.095              | 9.2      | 7913830 | 562971 | 559.9  | 11.4  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 2115    |             |                    |                     |                     |                   | 0.14               | 0.031              | 9.1      | 7913828 | 562981 | 559.8  | 11.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 2202    |             |                    |                     |                     |                   | 0.09               | 0.051              | 9.2      | 7913848 | 562917 | 560.42 | 11.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 2204    |             |                    |                     |                     |                   | 0.18               | 0.072              | 9.3      | 7913844 | 562927 | 560.33 | 11.83 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 4000    |             |                    |                     |                     |                   | 0.13               | 0.038              | 8.9      | 7913848 | 562907 | 560.29 | 11.79 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 4001    |             |                    |                     |                     |                   | 0.2                | 0.039              | 9.3      | 7913845 | 562911 | 560.24 | 11.74 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 4002    |             |                    |                     |                     |                   | 0.09               | 0.017              | 8.8      | 7913842 | 562915 | 560.47 | 11.97 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 4004    |             |                    |                     |                     |                   | 0.16               | 0.041              | 8.9      | 7913839 | 562924 | 560.41 | 11.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 4101    |             |                    |                     |                     |                   | 0.1                | 0.07               | 8.9      | 7913847 | 562912 | 560.53 | 12.03 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 4103    |             |                    |                     |                     |                   | 0.21               | 0.04               | 9        | 7913842 | 562921 | 560.33 | 11.83 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 4105    |             |                    |                     |                     |                   | 0.19               | 0.028              | 9.2      | 7913840 | 562930 | 560.35 | 11.85 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 4106    |             |                    |                     |                     |                   | 0.25               | 0.052              | 9.1      | 7913838 | 562935 | 560.04 | 11.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 4108    |             |                    |                     |                     |                   | 0.14               | 0.006              | 9.1      | 7913835 | 562945 | 560.26 | 11.76 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 4110 D  |             |                    |                     |                     |                   | 0.11               | 0.015              | 8.9      | 7913832 | 562954 | 560.04 | 11.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 4112    |             |                    |                     |                     |                   | 0.13               | 0.041              | 8.9      | 7913828 | 562963 | 560.41 | 11.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_019 | 4114    |             |                    |                     |                     |                   | 0.11               | 0.055              | 9.2      | 7913826 | 562973 | 560.11 | 11.61 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_021 | 1026    |             |                    |                     |                     |                   | 0.49               | 0.013              | 7.7      | 7913886 | 563099 | 561.04 | 12.54 | CHLORITE SCHIST/BIF       | Non-AG |
| 2021 | Pit      | 550   | N1_550_021 | 1033    |             |                    |                     |                     |                   | 0.08               | 0.003              | 8.5      | 7913874 | 563094 | 560.84 | 12.34 | CHLORITE SCHIST/BIF       | Non-AG |
| 2021 | Pit      | 550   | N1_550_021 | 1127    |             |                    |                     |                     |                   | 0.97               | 0.016              | 7.2      | 7913880 | 563100 | 561.13 | 12.63 | CHLORITE SCHIST/BIF       | Non-AG |
| 2021 | Pit      | 550   | N1_550_021 | 1128    |             |                    |                     |                     |                   | 0.27               | 0.018              | 7        | 7913876 | 563099 | 561.17 | 12.67 | CHLORITE SCHIST/BIF       | Non-AG |
| 2021 | Pit      | 550   | N1_550_021 | 1327    |             |                    |                     |                     |                   | 3.96               | 0.026              | 6.8      | 7913878 | 563103 | 561.2  | 12.7  | CHLORITE SCHIST/BIF       | Non-AG |
| 2021 | Pit      | 550   | N1_550_021 | 1424    |             |                    |                     |                     |                   | 1.58               | 0.034              | 6.2      | 7913869 | 563113 | 561.48 | 12.98 | CHLORITE SCHIST/BIF       | Non-AG |
| 2021 | Pit      | 550   | N1_550_021 | 1426    |             |                    |                     |                     |                   | 0.37               | 0.014              | 6.8      | 7913872 | 563105 | 561.55 | 13.05 | CHLORITE SCHIST/BIF       | Non-AG |
| 2021 | Pit      | 550   | N1_550_021 | 1620    |             |                    |                     |                     |                   | 0.11               | 0.012              | 7        | 7913855 | 563124 | 560.21 | 11.71 | CHLORITE SCHIST/BIF       | Non-AG |
| 2021 | Pit      | 550   | N1_550_021 | 1719    |             |                    |                     |                     |                   | 0.27               | 0.025              | 7.2      | 7913850 | 563127 | 560.46 | 11.96 | CHLORITE SCHIST/BIF       | Non-AG |
| 2021 | Pit      | 550   | N1_550_021 | 1818    |             |                    |                     |                     |                   | 0.13               | 0.03               | 7.3      | 7913844 | 563129 | 560.58 | 12.08 | CHLORITE SCHIST/BIF       | Non-AG |
| 2021 | Pit      | 550   | N1_550_021 | 1921    |             |                    |                     |                     |                   | 0.1                | 0.008              | 8        | 7913844 | 563116 | 560.1  | 11.6  | CHLORITE SCHIST/BIF       | Non-AG |
| 2021 | Pit      | 550   | N1_550_021 | 2020    |             |                    |                     |                     |                   | 0.08               | 0.061              | 8.4      | 7913838 | 563118 | 560.14 | 11.64 | CHLORITE SCHIST/BIF       | Non-AG |
| 2021 | Pit      | 550   | N1_550_021 | 2119    |             |                    |                     |                     |                   | 0.1                | 0.003              | 8.4      | 7913832 | 563120 | 560.36 | 11.86 | CHLORITE SCHIST/BIF       | Non-AG |
| 2021 | Pit      | 550   | N1_550_021 | 2121    |             |                    |                     |                     |                   | 0.11               | 0.041              | 8.4      | 7913835 | 563112 | 560.01 | 11.51 | CHLORITE SCHIST/BIF       | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1009    |             |                    |                     |                     |                   | 0.07               | 0.068              | 7.9      | 7914004 | 563150 | 561.43 | 12.93 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1011    |             |                    |                     |                     |                   | 0.07               | 0.041              | 7.9      | 7914008 | 563140 | 560.97 | 12.47 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1012    |             |                    |                     |                     |                   | 0.07               | 0.035              | 8.1      | 7914010 | 563136 | 560.95 | 12.45 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1014    |             |                    |                     |                     |                   | 0.09               | 0.074              | 8        | 7914014 | 563128 | 560.88 | 12.38 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1018    |             |                    |                     |                     |                   | 0.03               | 0.01               | 8.2      | 7914024 | 563113 | 560.42 | 11.92 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1020    |             |                    |                     |                     |                   | 0.03               | 0.06               | 8.3      | 7914033 | 563116 | 560.69 | 12.19 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1022    |             |                    |                     |                     |                   | 0.01               | 0.038              | 8.2      | 7914043 | 563118 | 559.48 | 10.98 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1024    |             |                    |                     |                     |                   | 0.04               | 0.026              | 7.9      | 7914052 | 563120 | 559.75 | 11.25 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1028    |             |                    |                     |                     |                   | 0.01               | 0.18               | 8        | 7914070 | 563127 | 559.94 | 11.44 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1107    |             |                    |                     |                     |                   | 0.07               | 0.027              | 8.4      | 7914003 | 563157 | 561.22 | 12.72 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1108    |             |                    |                     |                     |                   | 0.09               | 0.047              | 7.8      | 7914004 | 563153 | 561.08 | 12.58 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1110    |             |                    |                     |                     |                   | 0.07               | 0.049              | 7.6      | 7914008 | 563145 | 561.18 | 12.68 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1113    |             |                    |                     |                     |                   | 0.09               | 0.012              | 8.3      | 7914014 | 563133 | 560.96 | 12.46 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1115    |             |                    |                     |                     |                   | 0.02               | 0.059              | 8.1      | 7914018 | 563126 | 561    | 12.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1117    |             |                    |                     |                     |                   | 0.03               | 0.02               | 8.3      | 7914022 | 563118 | 560.84 | 12.34 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1119    |             |                    |                     |                     |                   | 0.03               | 0.022              | 8.4      | 7914028 | 563116 | 560.48 | 11.98 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1121    |             |                    |                     |                     |                   | 0.02               | 0.014              | 8.1      | 7914038 | 563120 | 560    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1123    |             |                    |                     |                     |                   | 0.01               | 0.124              | 7.7      | 7914046 | 563121 | 559.65 | 11.15 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1203    |             |                    |                     |                     |                   | 0.01               | 0.011              | 8.2      | 7914031 | 563121 | 560.7  | 12.2  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1205    |             |                    |                     |                     |                   | 0.07               | 0.142              | 8        | 7914040 | 563124 | 560.18 | 11.68 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1207    |             |                    |                     |                     |                   | 0.01               | 0.084              | 8.1      | 7914049 | 563126 | 560.03 | 11.53 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1304    |             |                    |                     |                     |                   | 0.14               | 0.144              | 8        | 7914034 | 563126 | 560.66 | 12.16 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1308    |             |                    |                     |                     |                   | 0.02               | 0.122              | 8.3      | 7914052 | 563132 | 560.66 | 12.16 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1404    |             |                    |                     |                     |                   | 0.05               | 0.178              | 8.1      | 7914033 | 563130 | 560.83 | 12.33 | CHLORITE SCHIST           | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY       | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|-----------------|--------|
| 2021 | Pit      | 550   | N1_550_023 | 1406    |             |                    |                     |                     |                   | 0.06               | 0.101              | 8        | 7914042 | 563134 | 560.61 | 12.11 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1408    |             |                    |                     |                     |                   | 0.11               | 0.103              | 8.3      | 7914052 | 563137 | 560.44 | 11.94 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1505    |             |                    |                     |                     |                   | 0.03               | 0.12               | 8.4      | 7914036 | 563136 | 560.55 | 12.05 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1507    |             |                    |                     |                     |                   | 0.1                | 0.177              | 8.2      | 7914045 | 563139 | 560.6  | 12.1  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1509    |             |                    |                     |                     |                   | 0.1                | 0.03               | 8.2      | 7914055 | 563143 | 560.47 | 11.97 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1604    |             |                    |                     |                     |                   | 0.03               | 0.022              | 8.1      | 7914030 | 563139 | 560.66 | 12.16 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1606    |             |                    |                     |                     |                   | 0.05               | 0.011              | 8.1      | 7914039 | 563142 | 560.37 | 11.87 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1703    |             |                    |                     |                     |                   | 0.1                | 0.022              | 8.2      | 7914022 | 563141 | 560.72 | 12.22 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1705    |             |                    |                     |                     |                   | 0.04               | 0.008              | 8.1      | 7914033 | 563144 | 560.62 | 12.12 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1802    |             |                    |                     |                     |                   | 0.09               | 0.035              | 8.3      | 7914017 | 563144 | 560.86 | 12.36 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1804    |             |                    |                     |                     |                   | 0.03               | 0.004              | 8.2      | 7914027 | 563147 | 560.93 | 12.43 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1805    |             |                    |                     |                     |                   | 0.06               | 0.003              | 7.8      | 7914032 | 563149 | 560.75 | 12.25 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1903    |             |                    |                     |                     |                   | 0.09               | 0.004              | 8.2      | 7914020 | 563150 | 561.03 | 12.53 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 1904    |             |                    |                     |                     |                   | 0.09               | 0.003              | 8.3      | 7914025 | 563152 | 560.9  | 12.4  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 2002    |             |                    |                     |                     |                   | 0.09               | 0.007              | 8.3      | 7914013 | 563153 | 560.83 | 12.33 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 2101    |             |                    |                     |                     |                   | 0.13               | 0.032              | 8.3      | 7914008 | 563155 | 561.23 | 12.73 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_023 | 2105    |             |                    |                     |                     |                   | 0.08               | 0.003              | 7.5      | 7914024 | 563161 | 560.94 | 12.43 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1001    |             |                    |                     |                     |                   | 0.15               | 0.029              | 8.2      | 7914082 | 563116 | 558.5  | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1004    |             |                    |                     |                     |                   | 0.09               | 0.003              | 8.3      | 7914086 | 563105 | 558.5  | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1006    |             |                    |                     |                     |                   | 0.18               | 0.01               | 7.5      | 7914090 | 563098 | 558.5  | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1202    |             |                    |                     |                     |                   | 0.15               | 0.003              | 8.2      | 7914090 | 563113 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1204    |             |                    |                     |                     |                   | 0.09               | 0.005              | 8.2      | 7914094 | 563104 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1303    |             |                    |                     |                     |                   | 0.09               | 0.064              | 8.4      | 7914096 | 563110 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1305    |             |                    |                     |                     |                   | 0.11               | 0.029              | 8.2      | 7914100 | 563101 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1402    |             |                    |                     |                     |                   | 0.07               | 0.032              | 8.3      | 7914099 | 563116 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1404    |             |                    |                     |                     |                   | 0.09               | 0.024              | 8.3      | 7914102 | 563107 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1406    |             |                    |                     |                     |                   | 0.1                | 0.008              | 7.7      | 7914105 | 563098 | 558.5  | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1503    |             |                    |                     |                     |                   | 0.12               | 0.098              | 8.3      | 7914105 | 563113 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1505    |             |                    |                     |                     |                   | 0.11               | 0.01               | 8.3      | 7914108 | 563104 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1604    | 1           | 8                  | 6.9                 | 1                   | 1.16              | 0.11               | 0.187              | 8.1      | 7914111 | 563110 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1606    |             |                    |                     |                     |                   | 0.12               | 0.006              | 8.1      | 7914114 | 563102 | 558.5  | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1703    |             |                    |                     |                     |                   | 0.12               | 0.028              | 8.4      | 7914113 | 563116 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1705    |             |                    |                     |                     |                   | 0.1                | 0.007              | 8.5      | 7914117 | 563107 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1707    |             |                    |                     |                     |                   | 0.1                | 0.005              | 7.7      | 7914120 | 563099 | 558.5  | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1800    |             |                    |                     |                     |                   | 0.08               | 0.124              | 8.3      | 7914112 | 563132 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1804    |             |                    |                     |                     |                   | 0.07               | 0.008              | 8.3      | 7914119 | 563113 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1806    |             |                    |                     |                     |                   | 0.08               | 0.085              | 8.2      | 7914122 | 563105 | 558.5  | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1903    |             |                    |                     |                     |                   | 0.08               | 0.105              | 8.5      | 7914122 | 563119 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1905    |             |                    |                     |                     |                   | 0.05               | 0.009              | 8.5      | 7914125 | 563110 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 1907    |             |                    |                     |                     |                   | 0.08               | 0.016              | 8.2      | 7914128 | 563102 | 558.5  | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 2000    |             |                    |                     |                     |                   | 0.07               | 0.032              | 8.4      | 7914121 | 563135 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 2004    |             |                    |                     |                     |                   | 0.08               | 0.013              | 8.4      | 7914128 | 563116 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 2006    |             |                    |                     |                     |                   | 0.06               | 0.015              | 8.3      | 7914131 | 563108 | 558.5  | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 2008    |             |                    |                     |                     |                   | 0.1                | 0.003              | 8.3      | 7914134 | 563100 | 558.5  | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 2101    | 1           | 15                 | 6.3                 | 9                   | 2.4               | 0.17               | 0.174              | 8.3      | 7914127 | 563132 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 2107    |             |                    |                     |                     |                   | 0.05               | 0.05               | 8.3      | 7914136 | 563106 | 558.5  | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 2200    |             |                    |                     |                     |                   | 0.09               | 0.056              | 8.3      | 7914129 | 563138 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 2206    |             |                    |                     |                     |                   | 0.06               | 0.101              | 7.7      | 7914139 | 563111 | 558.5  | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 2208    |             |                    |                     |                     |                   | 0.4                | 0.004              | 8        | 7914142 | 563103 | 558.5  | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 2301    |             |                    |                     |                     |                   | 0.06               | 0.08               | 8.2      | 7914135 | 563135 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 2307    |             |                    |                     |                     |                   | 0.1                | 0.084              | 7.8      | 7914145 | 563109 | 558.5  | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 2400    |             |                    |                     |                     |                   | 0.07               | 0.024              | 8.4      | 7914137 | 563141 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 2402    |             |                    |                     |                     |                   | 0.08               | 0.096              | 8.3      | 7914141 | 563132 | 559    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_025 | 2408    |             |                    |                     |                     |                   | 0.32               | 0.019              | 8        | 7914150 | 563106 | 558.5  | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_026 | 1236    |             |                    |                     |                     |                   |                    | 0.007              | 8.5      | 7913821 | 563129 | 558.72 | 10.22 | CHLORITE SCHIST | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 550   | N1_550_026 | 1238    |             |                    |                     |                     |                   |                    | 0.019              | 8.6      | 7913819 | 563122 | 558.23 | 9.73  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_026 | 1335    |             |                    |                     |                     |                   |                    | 0.018              | 9        | 7913823 | 563124 | 558.62 | 10.12 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_026 | 1337    |             |                    |                     |                     |                   |                    | 0.019              | 8.7      | 7913822 | 563117 | 557.85 | 9.35  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_026 | 1433    |             |                    |                     |                     |                   |                    | 0.006              | 8.7      | 7913826 | 563126 | 558.71 | 10.21 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1000    |             |                    |                     |                     |                   | 0.03               | 0.058              | 8.9      | 7913822 | 562987 | 559.43 | 10.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1001    |             |                    |                     |                     |                   | 0.02               | 0.012              | 8.8      | 7913825 | 562989 | 559.59 | 11.09 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1003    |             |                    |                     |                     |                   | 0.01               | 0.009              | 8.7      | 7913834 | 562992 | 558.93 | 10.43 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1005    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.8      | 7913843 | 562995 | 558.69 | 10.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1007    |             |                    |                     |                     |                   | 0.03               | 0.024              | 9.3      | 7913850 | 562999 | 558.69 | 10.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1009    |             |                    |                     |                     |                   | 0.01               | 0.026              | 9.3      | 7913859 | 563003 | 559.05 | 10.55 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1011    |             |                    |                     |                     |                   | 0.01               | 0.011              | 8.8      | 7913864 | 563009 | 559.27 | 10.77 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1013    |             |                    |                     |                     |                   | 0.01               | 0.012              | 9.2      | 7913861 | 563017 | 559.43 | 10.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1015    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913858 | 563026 | 559.59 | 11.09 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1017    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913854 | 563034 | 559.97 | 11.47 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1019    |             |                    |                     |                     |                   |                    | 0.028              | 9.2      | 7913851 | 563042 | 560.27 | 11.77 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1021    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913848 | 563051 | 560.79 | 12.29 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1023    |             |                    |                     |                     |                   | 0.01               | 0.004              | 9.2      | 7913847 | 563060 | 560.76 | 12.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1025    |             |                    |                     |                     |                   |                    | 0.004              | 9.2      | 7913847 | 563071 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1027    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913843 | 563081 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1029    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913841 | 563091 | 560.22 | 11.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1031    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913837 | 563100 | 559.52 | 11.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1033    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913834 | 563109 | 558.8  | 10.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1102    |             |                    |                     |                     |                   | 0.01               | 0.034              | 8.6      | 7913828 | 562992 | 559.37 | 10.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1104    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.9      | 7913837 | 562996 | 558.71 | 10.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1106    |             |                    |                     |                     |                   | 0.01               | 0.03               | 9.3      | 7913845 | 562999 | 558.69 | 10.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1108    |             |                    |                     |                     |                   | 0.03               | 0.013              | 9.6      | 7913854 | 563003 | 558.91 | 10.41 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1110    |             |                    |                     |                     |                   | 0.01               | 0.039              | 9.2      | 7913860 | 563007 | 559.17 | 10.67 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1111    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913860 | 563013 | 559.35 | 10.85 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1113    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913857 | 563020 | 559.51 | 11.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1115    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913854 | 563029 | 559.66 | 11.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1117    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913850 | 563038 | 560.18 | 11.68 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1119    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913847 | 563046 | 560.37 | 11.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1121    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.9      | 7913845 | 563055 | 560.56 | 12.06 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1122    |             |                    |                     |                     |                   | 0.02               | 0.003              | 8.9      | 7913843 | 563061 | 560.73 | 12.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1123    |             |                    |                     |                     |                   | 0.02               | 0.003              | 8.9      | 7913844 | 563065 | 560.72 | 12.22 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1124    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913843 | 563070 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1127    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913838 | 563085 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1129    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913834 | 563094 | 560.03 | 11.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1131    |             |                    |                     |                     |                   |                    | 0.01               | 8.6      | 7913831 | 563104 | 559.35 | 10.85 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1138    |             |                    |                     |                     |                   |                    | 0.004              | 9.1      | 7913832 | 563088 | 560.12 | 11.62 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1140    |             |                    |                     |                     |                   |                    | 0.009              | 8.8      | 7913828 | 563098 | 559.48 | 10.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1142    |             |                    |                     |                     |                   |                    | 0.046              | 8.9      | 7913825 | 563107 | 559.14 | 10.64 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1200    |             |                    |                     |                     |                   | 0.01               | 0.018              | 9        | 7913856 | 563009 | 559.08 | 10.58 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1202    |             |                    |                     |                     |                   | 0.02               | 0.003              | 8.7      | 7913853 | 563017 | 559.22 | 10.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1204    |             |                    |                     |                     |                   | 0.01               | 0.022              | 8.7      | 7913850 | 563027 | 559.66 | 11.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1206    |             |                    |                     |                     |                   | 0.01               | 0.01               | 8.9      | 7913846 | 563036 | 560.16 | 11.66 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1208    |             |                    |                     |                     |                   |                    | 0.022              | 9.7      | 7913843 | 563046 | 560.67 | 12.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1210    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913840 | 563054 | 560.46 | 11.96 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1212    |             |                    |                     |                     |                   |                    | 0.014              | 9.6      | 7913836 | 563063 | 560.12 | 11.62 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1214    |             |                    |                     |                     |                   |                    | 0.004              | 8.8      | 7913832 | 563074 | 559.96 | 11.46 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1216    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913829 | 563082 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1218    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913826 | 563092 | 559.67 | 11.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1220    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913824 | 563101 | 559.35 | 10.85 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1301    |             |                    |                     |                     |                   | 0.14               | 0.009              | 8.8      | 7913850 | 563011 | 559.19 | 10.69 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1303    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.7      | 7913847 | 563021 | 559.23 | 10.73 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 550   | N1_550_027 | 1305    |             |                    |                     |                     |                   | 0.11               | 0.003              | 8.9      | 7913843 | 563030 | 559.9  | 11.4  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1307    |             |                    |                     |                     |                   | 0.02               | 0.003              | 8.8      | 7913840 | 563039 | 560.47 | 11.97 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1309    |             |                    |                     |                     |                   | 0.16               | 0.003              | 9.1      | 7913837 | 563049 | 560.16 | 11.66 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1311    |             |                    |                     |                     |                   |                    | 0.008              | 9        | 7913833 | 563058 | 560.23 | 11.73 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1313    |             |                    |                     |                     |                   |                    | 0.007              | 9.2      | 7913830 | 563067 | 560.03 | 11.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1315    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913826 | 563076 | 559.98 | 11.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1317    |             |                    |                     |                     |                   |                    | 0.005              | 9.1      | 7913822 | 563086 | 559.59 | 11.09 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1400    |             |                    |                     |                     |                   | 0.11               | 0.018              | 9.6      | 7913848 | 563005 | 558.62 | 10.12 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1402    |             |                    |                     |                     |                   | 0.08               | 0.003              | 8.5      | 7913845 | 563014 | 558.98 | 10.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1404    |             |                    |                     |                     |                   | 0.08               | 0.014              | 9.1      | 7913841 | 563024 | 559.39 | 10.89 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1406    |             |                    |                     |                     |                   | 0.09               | 0.003              | 9.1      | 7913838 | 563033 | 559.86 | 11.36 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1408    |             |                    |                     |                     |                   |                    | 0.034              | 8.9      | 7913834 | 563042 | 560.26 | 11.76 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1410    |             |                    |                     |                     |                   |                    | 0.048              | 9.1      | 7913831 | 563051 | 560.6  | 12.1  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1412    |             |                    |                     |                     |                   |                    | 0.008              | 8.8      | 7913827 | 563061 | 560.13 | 11.63 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1414    |             |                    |                     |                     |                   |                    | 0.05               | 8.8      | 7913824 | 563070 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1416    |             |                    |                     |                     |                   |                    | 0.02               | 9.2      | 7913821 | 563080 | 559.49 | 10.99 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1501    |             |                    |                     |                     |                   | 0.04               | 0.004              | 9.4      | 7913842 | 563008 | 558.9  | 10.4  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1503    |             |                    |                     |                     |                   | 0.13               | 0.003              | 8.8      | 7913839 | 563017 | 558.99 | 10.49 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1505    |             |                    |                     |                     |                   |                    | 0.003              | 8.6      | 7913835 | 563027 | 559.6  | 11.1  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1507    |             |                    |                     |                     |                   |                    | 0.061              | 8.8      | 7913831 | 563036 | 560.58 | 12.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1509    |             |                    |                     |                     |                   |                    | 0.069              | 8.8      | 7913828 | 563045 | 560.39 | 11.89 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1511    |             |                    |                     |                     |                   |                    | 0.032              | 8.9      | 7913825 | 563054 | 560.34 | 11.84 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1513    |             |                    |                     |                     |                   |                    | 0.007              | 9.1      | 7913822 | 563064 | 559.62 | 11.12 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1600    |             |                    |                     |                     |                   | 0.13               | 0.032              | 9.3      | 7913840 | 563002 | 558.47 | 9.97  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1602    |             |                    |                     |                     |                   | 0.09               | 0.032              | 9.1      | 7913836 | 563011 | 559    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1604    |             |                    |                     |                     |                   |                    | 0.019              | 9.2      | 7913833 | 563021 | 559.37 | 10.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1606    |             |                    |                     |                     |                   |                    | 0.011              | 9.3      | 7913829 | 563030 | 560.07 | 11.57 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1608    |             |                    |                     |                     |                   |                    | 0.008              | 9.5      | 7913826 | 563039 | 560.44 | 11.94 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1610    |             |                    |                     |                     |                   |                    | 0.023              | 9.2      | 7913823 | 563048 | 560.46 | 11.96 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1612    |             |                    |                     |                     |                   |                    | 0.03               | 9.3      | 7913820 | 563057 | 560.08 | 11.58 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1701    |             |                    |                     |                     |                   |                    | 0.022              | 9.4      | 7913834 | 563005 | 558.83 | 10.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1703    |             |                    |                     |                     |                   |                    | 0.008              | 8.7      | 7913830 | 563014 | 559.09 | 10.59 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1705    |             |                    |                     |                     |                   |                    | 0.052              | 8.8      | 7913827 | 563024 | 559.83 | 11.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1707    |             |                    |                     |                     |                   |                    | 0.019              | 9.6      | 7913823 | 563033 | 560.17 | 11.67 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1709    |             |                    |                     |                     |                   |                    | 0.028              | 9.2      | 7913820 | 563042 | 560.41 | 11.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1800    |             |                    |                     |                     |                   | 0.01               | 0.05               | 9        | 7913831 | 562999 | 558.8  | 10.3  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1802    |             |                    |                     |                     |                   |                    | 0.013              | 9.1      | 7913828 | 563008 | 559.03 | 10.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1804    |             |                    |                     |                     |                   |                    | 0.007              | 8.9      | 7913825 | 563017 | 559.28 | 10.78 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1806    |             |                    |                     |                     |                   |                    | 0.014              | 9        | 7913821 | 563026 | 559.64 | 11.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1808    |             |                    |                     |                     |                   |                    | 0.007              | 9.2      | 7913819 | 563036 | 560.31 | 11.81 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1901    |             |                    |                     |                     |                   | 0.09               | 0.003              | 9        | 7913825 | 563002 | 559.52 | 11.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1903    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.9      | 7913822 | 563011 | 559.19 | 10.69 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 1905    |             |                    |                     |                     |                   | 0.02               | 0.011              | 9.1      | 7913819 | 563020 | 558.96 | 10.46 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 2000    |             |                    |                     |                     |                   | 0.06               | 0.004              | 8.6      | 7913823 | 562996 | 559.86 | 11.36 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 2002    |             |                    |                     |                     |                   | 0.03               | 0.003              | 8.7      | 7913820 | 563005 | 559.69 | 11.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 2100    |             |                    |                     |                     |                   | 0.01               | 0.017              | 8.5      | 7913820 | 562993 | 559.66 | 11.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 2200    |             |                    |                     |                     |                   |                    | 0.052              | 9.6      | 7913848 | 563083 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 2202    |             |                    |                     |                     |                   |                    | 0.004              | 8.8      | 7913844 | 563092 | 560.15 | 11.65 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 2204    |             |                    |                     |                     |                   |                    | 0.006              | 9        | 7913841 | 563101 | 559.51 | 11.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 2206    |             |                    |                     |                     |                   | 0.08               | 0.009              | 8.6      | 7913838 | 563110 | 558.31 | 9.81  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 2301    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7913851 | 563088 | 560.1  | 11.6  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 2303    |             |                    |                     |                     |                   |                    | 0.005              | 9.1      | 7913847 | 563098 | 559.97 | 11.47 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 2305    |             |                    |                     |                     |                   | 0.09               | 0.042              | 9        | 7913844 | 563107 | 558.82 | 10.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 2400    |             |                    |                     |                     |                   |                    | 0.006              | 9.5      | 7913856 | 563086 | 559.93 | 11.43 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 2402    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913853 | 563095 | 560.02 | 11.52 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 550   | N1_550_027 | 2404    |             |                    |                     |                     |                   |                    | 0.012              | 8.8      | 7913850 | 563104 | 559.48 | 10.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 2406    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913845 | 563111 | 558.23 | 9.73  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 2501    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7913859 | 563091 | 560.02 | 11.52 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 2503    |             |                    |                     |                     |                   |                    | 0.003              | 8.5      | 7913856 | 563101 | 559.73 | 11.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 2600    |             |                    |                     |                     |                   |                    | 0.004              | 9.3      | 7913865 | 563089 | 559.78 | 11.28 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 2602    |             |                    |                     |                     |                   |                    | 0.004              | 8.5      | 7913862 | 563097 | 560.06 | 11.56 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 2701    |             |                    |                     |                     |                   |                    | 0.003              | 8.5      | 7913867 | 563091 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4003    |             |                    |                     |                     |                   | 0.01               | 0.004              | 9        | 7913815 | 562997 | 559.55 | 11.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4005    |             |                    |                     |                     |                   | 0.02               | 0.003              | 9        | 7913814 | 563006 | 559.42 | 10.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4007    |             |                    |                     |                     |                   | 0.04               | 0.014              | 9.2      | 7913813 | 563015 | 559.22 | 10.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4009    |             |                    |                     |                     |                   | 0.05               | 0.037              | 8.9      | 7913814 | 563024 | 559.25 | 10.75 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4011    |             |                    |                     |                     |                   | 0.09               | 0.015              | 8.8      | 7913813 | 563033 | 559.73 | 11.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4013    |             |                    |                     |                     |                   |                    | 0.008              | 8.9      | 7913813 | 563043 | 560.36 | 11.86 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4015    |             |                    |                     |                     |                   |                    | 0.016              | 8.8      | 7913814 | 563051 | 559.9  | 11.4  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4017    |             |                    |                     |                     |                   |                    | 0.014              | 9        | 7913815 | 563060 | 559.68 | 11.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4019    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913816 | 563069 | 559.28 | 10.78 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4021    |             |                    |                     |                     |                   |                    | 0.004              | 8.7      | 7913816 | 563078 | 559.32 | 10.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4023    |             |                    |                     |                     |                   |                    | 0.012              | 8.7      | 7913817 | 563087 | 559.09 | 10.59 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4025    |             |                    |                     |                     |                   |                    | 0.006              | 8.6      | 7913818 | 563096 | 559.07 | 10.57 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4027    |             |                    |                     |                     |                   |                    | 0.004              | 8.6      | 7913819 | 563105 | 559.15 | 10.65 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4100    |             |                    |                     |                     |                   | 0.01               | 0.01               | 9.4      | 7913819 | 562985 | 559.05 | 10.55 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4101    |             |                    |                     |                     |                   | 0.01               | 0.018              | 8.9      | 7913818 | 562988 | 558.89 | 10.39 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4102    |             |                    |                     |                     |                   |                    | 0.004              | 8.8      | 7913817 | 562993 | 559.64 | 11.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4104    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.9      | 7913816 | 563002 | 559.41 | 10.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4106    |             |                    |                     |                     |                   | 0.03               | 0.004              | 8.8      | 7913815 | 563010 | 559.38 | 10.88 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4108    |             |                    |                     |                     |                   | 0.03               | 0.009              | 9.5      | 7913815 | 563019 | 559.25 | 10.75 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4110    |             |                    |                     |                     |                   | 0.02               | 0.003              | 8.6      | 7913815 | 563029 | 559.37 | 10.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4112    |             |                    |                     |                     |                   |                    | 0.014              | 9        | 7913815 | 563038 | 560.02 | 11.52 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4114    |             |                    |                     |                     |                   |                    | 0.01               | 9        | 7913816 | 563047 | 560.29 | 11.79 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4116    |             |                    |                     |                     |                   |                    | 0.034              | 9        | 7913817 | 563055 | 559.7  | 11.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4118    |             |                    |                     |                     |                   |                    | 0.005              | 9.3      | 7913817 | 563064 | 559.71 | 11.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4120    |             |                    |                     |                     |                   |                    | 0.005              | 8.8      | 7913817 | 563073 | 559.71 | 11.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4122    |             |                    |                     |                     |                   |                    | 0.006              | 8.5      | 7913818 | 563082 | 559.26 | 10.76 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4124    |             |                    |                     |                     |                   |                    | 0.003              | 8.6      | 7913819 | 563091 | 559.04 | 10.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4126    |             |                    |                     |                     |                   | 0.08               | 0.003              | 8.6      | 7913820 | 563100 | 559.44 | 10.94 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_027 | 4128    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913821 | 563108 | 559.33 | 10.83 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 200     |             |                    |                     |                     |                   |                    | 0.013              | 9.3      | 7913839 | 562895 | 556.36 | 7.86  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 202     |             |                    |                     |                     |                   |                    | 0.039              | 9.3      | 7913846 | 562898 | 557.42 | 8.92  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 301     |             |                    |                     |                     |                   |                    | 0.004              | 9.2      | 7913842 | 562899 | 556.46 | 7.96  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1608    |             |                    |                     |                     |                   |                    | 0.047              | 8.6      | 7913804 | 563077 | 553.76 | 5.26  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1610    |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913803 | 563067 | 554.09 | 5.59  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1612    |             |                    |                     |                     |                   |                    | 0.015              | 9        | 7913801 | 563058 | 554.26 | 5.76  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1614    |             |                    |                     |                     |                   |                    | 0.005              | 8.8      | 7913800 | 563048 | 554.53 | 6.02  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1616    |             |                    |                     |                     |                   |                    | 0.014              | 8.6      | 7913799 | 563038 | 554.48 | 5.98  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1618    |             |                    |                     |                     |                   |                    | 0.01               | 8.8      | 7913799 | 563028 | 554.68 | 6.18  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1620    |             |                    |                     |                     |                   |                    | 0.03               | 8.8      | 7913800 | 563018 | 554.7  | 6.2   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1622    |             |                    |                     |                     |                   |                    | 0.015              | 8.5      | 7913800 | 563008 | 554.55 | 6.05  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1624    |             |                    |                     |                     |                   |                    | 0.016              | 8.8      | 7913802 | 562998 | 554.61 | 6.11  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1625    |             |                    |                     |                     |                   |                    | 0.032              | 9.4      | 7913803 | 562993 | 554.93 | 6.43  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1627    |             |                    |                     |                     |                   |                    | 0.011              | 9        | 7913805 | 562984 | 555.38 | 6.88  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1629    |             |                    |                     |                     |                   |                    | 0.017              | 8.9      | 7913809 | 562975 | 556.11 | 7.61  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1631    |             |                    |                     |                     |                   |                    | 0.012              | 8.7      | 7913812 | 562965 | 556.82 | 8.32  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1633    |             |                    |                     |                     |                   |                    | 0.013              | 8.9      | 7913814 | 562956 | 556.4  | 7.9   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1635    |             |                    |                     |                     |                   |                    | 0.008              | 9.3      | 7913817 | 562946 | 556.07 | 7.57  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1637    |             |                    |                     |                     |                   |                    | 0.034              | 9.2      | 7913820 | 562936 | 555.78 | 7.27  | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 550   | N1_550_028 | 1639 D  |             |                    |                     |                     |                   |                    | 0.174              | 9.3      | 7913823 | 562927 | 555.31 | 6.81  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1641    |             |                    |                     |                     |                   |                    | 0.158              | 9.4      | 7913824 | 562917 | 554.55 | 6.05  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1643    |             |                    |                     |                     |                   |                    | 0.025              | 9.4      | 7913826 | 562908 | 554.36 | 5.86  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1645    |             |                    |                     |                     |                   |                    | 0.008              | 8.8      | 7913831 | 562900 | 555.18 | 6.68  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1707    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913808 | 563080 | 553.75 | 5.25  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1709    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913806 | 563070 | 553.95 | 5.45  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1711    |             |                    |                     |                     |                   |                    | 0.028              | 8.9      | 7913805 | 563061 | 554.22 | 5.72  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1713    |             |                    |                     |                     |                   |                    | 0.023              | 9        | 7913804 | 563051 | 554.58 | 6.08  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1715    |             |                    |                     |                     |                   |                    | 0.005              | 9        | 7913803 | 563041 | 554.4  | 5.9   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1717    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913802 | 563030 | 554.56 | 6.06  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1719    |             |                    |                     |                     |                   |                    | 0.023              | 9.4      | 7913803 | 563021 | 555.02 | 6.52  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1721    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7913803 | 563011 | 554.52 | 6.02  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1723    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913804 | 563001 | 554.53 | 6.03  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1725 D  |             |                    |                     |                     |                   |                    | 0.006              | 9.3      | 7913806 | 562991 | 554.93 | 6.42  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1727    |             |                    |                     |                     |                   |                    | 0.035              | 9        | 7913809 | 562981 | 555.66 | 7.15  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1729    |             |                    |                     |                     |                   |                    | 0.012              | 9.1      | 7913813 | 562973 | 556.51 | 8.01  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1731    |             |                    |                     |                     |                   |                    | 0.026              | 9.2      | 7913816 | 562963 | 556.57 | 8.07  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1733    |             |                    |                     |                     |                   |                    | 0.042              | 8.8      | 7913818 | 562953 | 556.44 | 7.94  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1735    |             |                    |                     |                     |                   |                    | 0.07               | 9        | 7913821 | 562944 | 556.28 | 7.78  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1737    |             |                    |                     |                     |                   |                    | 0.011              | 9.7      | 7913823 | 562934 | 555.62 | 7.12  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1739    |             |                    |                     |                     |                   |                    | 0.07               | 9.3      | 7913827 | 562925 | 554.98 | 6.48  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1741    |             |                    |                     |                     |                   |                    | 0.081              | 9.7      | 7913827 | 562914 | 554.45 | 5.95  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1743    |             |                    |                     |                     |                   |                    | 0.003              | 9.4      | 7913832 | 562906 | 554.7  | 6.2   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1829    |             |                    |                     |                     |                   |                    | 0.048              | 9.3      | 7913817 | 562971 | 556.64 | 8.14  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1831    |             |                    |                     |                     |                   |                    | 0.068              | 9        | 7913821 | 562961 | 556.6  | 8.1   | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1833    |             |                    |                     |                     |                   |                    | 0.014              | 8.9      | 7913821 | 562952 | 556.39 | 7.89  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1835    |             |                    |                     |                     |                   |                    | 0.058              | 9.3      | 7913825 | 562941 | 556.38 | 7.88  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1837    |             |                    |                     |                     |                   |                    | 0.086              | 9.5      | 7913829 | 562932 | 556.02 | 7.52  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1839    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913830 | 562922 | 554.92 | 6.42  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1841    |             |                    |                     |                     |                   |                    | 0.003              | 9.5      | 7913833 | 562912 | 554.86 | 6.36  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1843    |             |                    |                     |                     |                   |                    | 0.005              | 9.6      | 7913838 | 562903 | 555.84 | 7.34  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1934    |             |                    |                     |                     |                   |                    | 0.035              | 9.1      | 7913828 | 562944 | 557.03 | 8.53  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_028 | 1935    |             |                    |                     |                     |                   |                    | 0.035              | 9.2      | 7913830 | 562939 | 556.68 | 8.17  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 1010    |             |                    |                     |                     |                   |                    | 0.003              | 8.2      | 7914065 | 563157 | 560.71 | 12.21 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 1011    |             |                    |                     |                     |                   |                    | 0.003              | 8.1      | 7914069 | 563156 | 560.78 | 12.28 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 1014    |             |                    |                     |                     |                   |                    | 0.198              | 8.4      | 7914076 | 563144 | 560.51 | 12.01 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 1024    |             |                    |                     |                     |                   |                    | 0.044              | 8.4      | 7914113 | 563142 | 560.44 | 11.94 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 1026    |             |                    |                     |                     |                   |                    | 0.057              | 8.5      | 7914122 | 563145 | 560.19 | 11.69 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 1028    |             |                    |                     |                     |                   |                    | 0.162              | 8.6      | 7914130 | 563148 | 560.31 | 11.81 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 1112    |             |                    |                     |                     |                   |                    | 0.008              | 8.3      | 7914074 | 563154 | 560.3  | 11.8  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 1113    |             |                    |                     |                     |                   |                    | 0.017              | 8.3      | 7914076 | 563150 | 560.25 | 11.75 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 1115    |             |                    |                     |                     |                   |                    | 0.19               | 8        | 7914079 | 563141 | 560.25 | 11.75 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 1123    |             |                    |                     |                     |                   |                    | 0.174              | 8.5      | 7914108 | 563143 | 560.29 | 11.79 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 1125    |             |                    |                     |                     |                   |                    | 0.07               | 8.4      | 7914117 | 563146 | 560.11 | 11.61 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 1127    |             |                    |                     |                     |                   |                    | 0.186              | 8.6      | 7914125 | 563149 | 560.16 | 11.66 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 1704    |             |                    |                     |                     |                   |                    | 0.003              | 6.6      | 7914068 | 563168 | 560.43 | 11.93 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 1804    |             |                    |                     |                     |                   |                    | 0.003              | 7.4      | 7914071 | 563169 | 560.46 | 11.96 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 1907    |             |                    |                     |                     |                   |                    | 0.006              | 8.4      | 7914079 | 563157 | 560.21 | 11.71 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 1909    |             |                    |                     |                     |                   |                    | 0.14               | 8.2      | 7914082 | 563147 | 560.34 | 11.84 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2006    |             |                    |                     |                     |                   |                    | 0.007              | 7.2      | 7914084 | 563163 | 560.43 | 11.93 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2008    |             |                    |                     |                     |                   |                    | 0.04               | 8.4      | 7914086 | 563154 | 560.55 | 12.05 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2010 D  |             |                    |                     |                     |                   |                    | 0.198              | 8.4      | 7914089 | 563144 | 560.4  | 11.9  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2107    |             |                    |                     |                     |                   |                    | 0.034              | 8.5      | 7914088 | 563160 | 560.32 | 11.82 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2206    |             |                    |                     |                     |                   |                    | 0.015              | 8.3      | 7914092 | 563167 | 560.21 | 11.71 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2208    |             |                    |                     |                     |                   |                    | 0.04               | 8.6      | 7914095 | 563157 | 560.43 | 11.93 | CHLORITE SCHIST           | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                    | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|------------------------------|--------|
| 2021 | Pit      | 550   | N1_550_029 | 2307    |             |                    |                     |                     |                   |                    | 0.077              | 8.5      | 7914098 | 563163 | 560.42 | 11.92 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2309    |             |                    |                     |                     |                   |                    | 0.086              | 8.2      | 7914101 | 563154 | 560.16 | 11.66 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2311    |             |                    |                     |                     |                   |                    | 0.061              | 8.4      | 7914104 | 563145 | 560.29 | 11.79 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2404 D  |             |                    |                     |                     |                   |                    | 0.003              | 7.2      | 7914097 | 563178 | 560.32 | 11.82 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2408    |             |                    |                     |                     |                   |                    | 0.02               | 8.5      | 7914104 | 563160 | 560.31 | 11.81 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2410    |             |                    |                     |                     |                   |                    | 0.079              | 8.3      | 7914107 | 563151 | 560.35 | 11.85 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2507    |             |                    |                     |                     |                   |                    | 0.013              | 8.5      | 7914107 | 563167 | 560.38 | 11.88 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2509    |             |                    |                     |                     |                   |                    | 0.023              | 8.6      | 7914110 | 563157 | 560.15 | 11.65 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2511    |             |                    |                     |                     |                   |                    | 0.032              | 8.5      | 7914113 | 563149 | 560.39 | 11.89 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2606    |             |                    |                     |                     |                   |                    | 0.003              | 8.3      | 7914109 | 563172 | 560.26 | 11.76 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2608    |             |                    |                     |                     |                   |                    | 0.026              | 8.6      | 7914112 | 563163 | 560.07 | 11.57 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2610    |             |                    |                     |                     |                   |                    | 0.012              | 8.2      | 7914116 | 563154 | 560.14 | 11.64 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2705    |             |                    |                     |                     |                   |                    | 0.003              | 8.5      | 7914112 | 563179 | 560.49 | 11.99 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2707    |             |                    |                     |                     |                   |                    | 0.02               | 8.6      | 7914115 | 563169 | 559.96 | 11.46 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2709    |             |                    |                     |                     |                   |                    | 0.119              | 8.6      | 7914118 | 563160 | 559.8  | 11.3  | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2711    |             |                    |                     |                     |                   |                    | 0.019              | 8.6      | 7914121 | 563152 | 559.99 | 11.49 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2802    |             |                    |                     |                     |                   |                    | 0.003              | 6.3      | 7914112 | 563192 | 560.15 | 11.65 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2806    |             |                    |                     |                     |                   |                    | 0.004              | 8.4      | 7914118 | 563175 | 560.12 | 11.62 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2808    |             |                    |                     |                     |                   |                    | 0.07               | 8.6      | 7914121 | 563166 | 559.87 | 11.37 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2905    |             |                    |                     |                     |                   |                    | 0.004              | 8.9      | 7914120 | 563181 | 560.26 | 11.76 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2907    |             |                    |                     |                     |                   |                    | 0.046              | 8.7      | 7914123 | 563173 | 559.93 | 11.43 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2909    |             |                    |                     |                     |                   |                    | 0.018              | 8.8      | 7914127 | 563163 | 559.8  | 11.3  | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 2911    |             |                    |                     |                     |                   |                    | 0.026              | 8.5      | 7914129 | 563154 | 560.08 | 11.58 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 3006    |             |                    |                     |                     |                   |                    | 0.009              | 8.2      | 7914126 | 563178 | 560.2  | 11.7  | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 3010    |             |                    |                     |                     |                   |                    | 0.056              | 8.6      | 7914133 | 563159 | 559.88 | 11.38 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_029 | 4006    |             |                    |                     |                     |                   |                    | 0.007              | 8.3      | 7914068 | 563187 | 559.94 | 11.44 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_030 | 1307    |             |                    |                     |                     |                   |                    | 0.008              | 8.3      | 7913984 | 563199 | 554.87 | 6.37  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1000    |             |                    |                     |                     |                   |                    | 0.021              | 8.7      | 7914147 | 563144 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1001    |             |                    |                     |                     |                   |                    | 0.017              | 8.6      | 7914145 | 563148 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1003    |             |                    |                     |                     |                   |                    | 0.021              | 8.5      | 7914143 | 563156 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1005    |             |                    |                     |                     |                   |                    | 0.041              | 8.4      | 7914140 | 563163 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1007    |             |                    |                     |                     |                   |                    | 0.055              | 8.4      | 7914138 | 563171 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1009    |             |                    |                     |                     |                   |                    | 0.008              | 8.3      | 7914135 | 563179 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1011    |             |                    |                     |                     |                   |                    | 0.007              | 8.1      | 7914133 | 563186 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1013    |             |                    |                     |                     |                   |                    | 0.003              | 7.4      | 7914129 | 563193 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1102    |             |                    |                     |                     |                   |                    | 0.006              | 8.3      | 7914146 | 563153 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1104    |             |                    |                     |                     |                   |                    | 0.013              | 8.3      | 7914144 | 563160 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1106    |             |                    |                     |                     |                   |                    | 0.03               | 8.3      | 7914141 | 563168 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1108    |             |                    |                     |                     |                   |                    | 0.004              | 8.5      | 7914139 | 563176 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1110    |             |                    |                     |                     |                   |                    | 0.003              | 8.5      | 7914136 | 563183 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1200    |             |                    |                     |                     |                   |                    | 0.014              | 8.1      | 7914153 | 563147 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1202    |             |                    |                     |                     |                   |                    | 0.005              | 8.3      | 7914150 | 563155 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1204    |             |                    |                     |                     |                   |                    | 0.022              | 8.2      | 7914147 | 563164 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1206    |             |                    |                     |                     |                   |                    | 0.023              | 8.3      | 7914144 | 563172 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1208    |             |                    |                     |                     |                   |                    | 0.004              | 7.7      | 7914141 | 563181 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1210    |             |                    |                     |                     |                   |                    | 0.004              | 8.7      | 7914138 | 563189 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1301    |             |                    |                     |                     |                   |                    | 0.078              | 8.3      | 7914156 | 563153 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1303    |             |                    |                     |                     |                   |                    | 0.042              | 8.2      | 7914152 | 563161 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1305    |             |                    |                     |                     |                   |                    | 0.018              | 8.4      | 7914149 | 563169 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1307    |             |                    |                     |                     |                   |                    | 0.007              | 7.8      | 7914146 | 563178 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1309    |             |                    |                     |                     |                   |                    | 0.005              | 8.6      | 7914143 | 563186 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1317    |             |                    |                     |                     |                   |                    | 0.003              | 8        | 7914131 | 563219 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1400    |             |                    |                     |                     |                   |                    | 0.052              | 8.4      | 7914161 | 563150 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1402    |             |                    |                     |                     |                   |                    | 0.032              | 8.2      | 7914158 | 563158 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1408    |             |                    |                     |                     |                   |                    | 0.003              | 8.2      | 7914148 | 563183 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                    | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|------------------------------|--------|
| 2021 | Pit      | 550   | N1_550_031 | 1501    |             |                    |                     |                     |                   |                    | 0.041              | 8.2      | 7914163 | 563155 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1503    |             |                    |                     |                     |                   |                    | 0.186              | 7.9      | 7914160 | 563164 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1505    |             |                    |                     |                     |                   |                    | 0.034              | 8.2      | 7914157 | 563172 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1507    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7914154 | 563181 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1509    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7914150 | 563189 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1517    |             |                    |                     |                     |                   |                    | 0.005              | 8.3      | 7914138 | 563221 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1600    |             |                    |                     |                     |                   |                    | 0.068              | 8.4      | 7914168 | 563153 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1604    |             |                    |                     |                     |                   |                    | 0.022              | 8.3      | 7914162 | 563169 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1606    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7914159 | 563178 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1608    |             |                    |                     |                     |                   |                    | 0.007              | 8.6      | 7914156 | 563186 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1610    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7914153 | 563195 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1616    |             |                    |                     |                     |                   |                    | 0.003              | 8        | 7914143 | 563219 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1618    |             |                    |                     |                     |                   |                    | 0.003              | 8.4      | 7914141 | 563226 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1703    |             |                    |                     |                     |                   |                    | 0.035              | 8.1      | 7914167 | 563167 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1707    |             |                    |                     |                     |                   |                    | 0.007              | 8.9      | 7914161 | 563183 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1709    |             |                    |                     |                     |                   |                    | 0.003              | 9.2      | 7914158 | 563192 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1717    |             |                    |                     |                     |                   |                    | 0.003              | 8.2      | 7914146 | 563224 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1806    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7914166 | 563181 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1808    |             |                    |                     |                     |                   |                    | 0.004              | 9.2      | 7914163 | 563189 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1816    |             |                    |                     |                     |                   |                    | 0.003              | 8        | 7914151 | 563222 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 1903    |             |                    |                     |                     |                   |                    | 0.014              | 8.2      | 7914175 | 563169 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 2000    |             |                    |                     |                     |                   |                    | 0.024              | 8.3      | 7914183 | 563158 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 2002    |             |                    |                     |                     |                   |                    | 0.12               | 8.1      | 7914180 | 563167 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 2016    |             |                    |                     |                     |                   |                    | 0.003              | 8        | 7914158 | 563225 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 2103    |             |                    |                     |                     |                   |                    | 0.035              | 7.9      | 7914182 | 563172 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 2117    |             |                    |                     |                     |                   |                    | 0.004              | 8.1      | 7914161 | 563229 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 2119    |             |                    |                     |                     |                   |                    | 0.004              | 8.1      | 7914158 | 563237 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 2200    |             |                    |                     |                     |                   |                    | 0.084              | 8        | 7914191 | 563161 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 2202    |             |                    |                     |                     |                   |                    | 0.043              | 8        | 7914188 | 563169 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 2216    |             |                    |                     |                     |                   |                    | 0.004              | 7.5      | 7914166 | 563227 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 2218    |             |                    |                     |                     |                   |                    | 0.003              | 8.2      | 7914163 | 563234 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 2301    |             |                    |                     |                     |                   |                    | 0.071              | 7.9      | 7914193 | 563167 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 2317    |             |                    |                     |                     |                   |                    | 0.003              | 8.1      | 7914169 | 563232 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_031 | 2414    |             |                    |                     |                     |                   |                    | 0.003              | 7.9      | 7914176 | 563223 | 560    | 11.5  | TE SCHIST/SILICIFIED GRANITE | Non-AG |
| 2021 | Pit      | 550   | N1_550_032 | 402     |             |                    |                     |                     |                   |                    | 0.003              | 8.3      | 7913806 | 563093 | 560    | 11.5  | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_032 | 404     |             |                    |                     |                     |                   |                    | 0.003              | 8.6      | 7913808 | 563099 | 560    | 11.5  | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_032 | 406     |             |                    |                     |                     |                   |                    | 0.003              | 8.5      | 7913809 | 563106 | 560    | 11.5  | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_032 | 412     |             |                    |                     |                     |                   |                    | 0.005              | 8.5      | 7913814 | 563127 | 560    | 11.5  | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_032 | 501     |             |                    |                     |                     |                   |                    | 0.003              | 8.4      | 7913803 | 563091 | 560    | 11.5  | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_032 | 505     |             |                    |                     |                     |                   |                    | 0.004              | 8.3      | 7913805 | 563105 | 560    | 11.5  | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_032 | 507     |             |                    |                     |                     |                   |                    | 0.003              | 8.3      | 7913806 | 563112 | 560    | 11.5  | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_032 | 509     |             |                    |                     |                     |                   |                    | 0.003              | 8.3      | 7913808 | 563118 | 560    | 11.5  | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_032 | 511     |             |                    |                     |                     |                   |                    | 0.006              | 8.5      | 7913810 | 563124 | 560    | 11.5  | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_032 | 513     |             |                    |                     |                     |                   |                    | 0.008              | 8.5      | 7913811 | 563131 | 560    | 11.5  | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 206     |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7914253 | 563209 | 563.18 | 14.68 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 217     |             |                    |                     |                     |                   |                    | 0.003              | 8.4      | 7914248 | 563249 | 562.64 | 14.14 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 222     |             |                    |                     |                     |                   |                    | 0.011              | 8.8      | 7914246 | 563267 | 560.51 | 12.01 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 236     |             |                    |                     |                     |                   |                    | 0.058              | 8.6      | 7914259 | 563161 | 562.69 | 14.19 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 238     |             |                    |                     |                     |                   |                    | 0.086              | 8.9      | 7914260 | 563154 | 563.24 | 14.74 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 242     |             |                    |                     |                     |                   |                    | 0.192              | 8.5      | 7914261 | 563139 | 562.68 | 14.18 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 305     |             |                    |                     |                     |                   |                    | 0.004              | 8.6      | 7914250 | 563209 | 563.06 | 14.56 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 306     |             |                    |                     |                     |                   |                    | 0.065              | 7.4      | 7914250 | 563214 | 562.69 | 14.19 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 312     |             |                    |                     |                     |                   |                    | 0.003              |          | 7914246 | 563244 | 563.18 | 14.68 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 314     |             |                    |                     |                     |                   |                    | 0.009              | 8.9      | 7914245 | 563254 | 561.28 | 12.78 | CHLORITE SCHIST              | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 316     |             |                    |                     |                     |                   |                    | 0.012              | 8.4      | 7914244 | 563263 | 559.77 | 11.27 | CHLORITE SCHIST              | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY       | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|-----------------|--------|
| 2021 | Pit      | 550   | N1_550_033 | 317     |             |                    |                     |                     |                   |                    | 0.013              | 8.8      | 7914245 | 563274 | 559.97 | 11.47 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 337     |             |                    |                     |                     |                   |                    | 0.154              | 8.4      | 7914258 | 563146 | 563.31 | 14.81 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1235    |             |                    |                     |                     |                   |                    | 0.132              | 8.8      | 7914214 | 563143 | 560.67 | 12.17 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1237    |             |                    |                     |                     |                   |                    | 0.158              | 8.8      | 7914217 | 563134 | 561.13 | 12.63 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1239    |             |                    |                     |                     |                   |                    | 0.047              | 8.8      | 7914220 | 563126 | 561.11 | 12.61 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1336    |             |                    |                     |                     |                   |                    | 0.128              | 8.8      | 7914219 | 563139 | 561.15 | 12.65 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1338    |             |                    |                     |                     |                   |                    | 0.011              | 8.8      | 7914223 | 563132 | 561.57 | 13.07 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1435    |             |                    |                     |                     |                   |                    | 0.048              | 8.6      | 7914222 | 563145 | 561.08 | 12.58 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1437    |             |                    |                     |                     |                   |                    | 0.076              | 8.6      | 7914225 | 563137 | 561.66 | 13.16 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1439    |             |                    |                     |                     |                   |                    | 0.143              | 8.6      | 7914229 | 563129 | 561.57 | 13.07 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1536    |             |                    |                     |                     |                   |                    | 0.006              | 8.8      | 7914228 | 563143 | 561.65 | 13.15 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1538    |             |                    |                     |                     |                   |                    | 0.014              | 8.7      | 7914231 | 563135 | 561.91 | 13.41 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1635    |             |                    |                     |                     |                   |                    | 0.068              | 8.8      | 7914231 | 563149 | 561.69 | 13.19 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1637    |             |                    |                     |                     |                   |                    | 0.012              | 8.7      | 7914234 | 563140 | 561.68 | 13.18 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1639    |             |                    |                     |                     |                   |                    | 0.009              | 8.8      | 7914236 | 563131 | 561.78 | 13.28 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1719    |             |                    |                     |                     |                   |                    | 0.01               | 8.9      | 7914196 | 563255 | 557.43 | 8.93  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1721    |             |                    |                     |                     |                   |                    | 0.008              | 8.7      | 7914193 | 563263 | 556.67 | 8.17  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1736    |             |                    |                     |                     |                   |                    | 0.016              | 8.6      | 7914237 | 563146 | 561.85 | 13.35 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1738    | 1           | 11                 | 9.4                 | 2                   | 1.17              |                    | 0.299              | 8.6      | 7914240 | 563138 | 562.05 | 13.55 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1820    |             |                    |                     |                     |                   |                    | 0.026              | 8.8      | 7914198 | 563259 | 556.9  | 8.4   | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1822    |             |                    |                     |                     |                   |                    | 0.012              | 8.9      | 7914196 | 563268 | 557.06 | 8.56  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1835    |             |                    |                     |                     |                   |                    | 0.053              | 8.5      | 7914239 | 563152 | 561.75 | 13.25 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1837    | 1           | 10                 | 14.7                | -5                  | 0.68              |                    | 0.465              | 8.7      | 7914242 | 563143 | 561.92 | 13.42 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1839    |             |                    |                     |                     |                   |                    | 0.089              | 8.7      | 7914246 | 563135 | 561.87 | 13.37 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1919    |             |                    |                     |                     |                   |                    | 0.012              | 8.7      | 7914205 | 563258 | 558.24 | 9.74  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1921    |             |                    |                     |                     |                   |                    | 0.012              | 8.7      | 7914201 | 563266 | 557.82 | 9.32  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1938    |             |                    |                     |                     |                   |                    | 0.067              | 8.6      | 7914249 | 563141 | 562.1  | 13.6  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1936    |             |                    |                     |                     |                   |                    | 0.026              | 8.8      | 7914245 | 563149 | 562.03 | 13.53 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2016    |             |                    |                     |                     |                   |                    | 0.012              | 8.9      | 7914213 | 563249 | 559.37 | 10.87 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2018    |             |                    |                     |                     |                   |                    | 0.016              | 8.5      | 7914209 | 563258 | 558.96 | 10.46 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2020    |             |                    |                     |                     |                   |                    | 0.03               | 8.7      | 7914207 | 563263 | 558.75 | 10.25 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2022    |             |                    |                     |                     |                   |                    | 0.032              | 8.7      | 7914204 | 563272 | 557.51 | 9.01  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2035    |             |                    |                     |                     |                   |                    | 0.058              | 8.8      | 7914248 | 563155 | 561.99 | 13.49 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2037    |             |                    |                     |                     |                   |                    | 0.016              | 8.7      | 7914252 | 563146 | 562.45 | 13.95 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2039    | 1           | 12                 | 6.9                 | 5                   | 1.75              |                    | 0.219              | 8.1      | 7914254 | 563137 | 562.14 | 13.64 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2107    |             |                    |                     |                     |                   |                    | 0.005              | 8.4      | 7914232 | 563210 | 561.57 | 13.07 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2117    |             |                    |                     |                     |                   |                    | 0.042              | 9        | 7914216 | 563253 | 559.65 | 11.15 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2119    |             |                    |                     |                     |                   |                    | 0.018              | 8.7      | 7914212 | 563261 | 559.27 | 10.77 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2121    |             |                    |                     |                     |                   |                    | 0.059              | 8.4      | 7914210 | 563269 | 558.47 | 9.97  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2134    |             |                    |                     |                     |                   |                    | 0.054              | 8.7      | 7914251 | 563160 | 562.05 | 13.55 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2136    | 1           | 17                 | 18.4                | -1                  | 0.92              |                    | 0.585              | 8.6      | 7914253 | 563152 | 562.59 | 14.09 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2206    |             |                    |                     |                     |                   |                    | 0.007              | 8.6      | 7914238 | 563207 | 561.89 | 13.39 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2214    |             |                    |                     |                     |                   |                    | 0.012              | 8.2      | 7914225 | 563241 | 560.65 | 12.15 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2216    |             |                    |                     |                     |                   |                    | 0.007              | 8.9      | 7914222 | 563250 | 560.49 | 11.99 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2218    |             |                    |                     |                     |                   |                    | 0.022              | 8.5      | 7914219 | 563259 | 559.45 | 10.95 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2220    |             |                    |                     |                     |                   |                    | 0.032              | 8.6      | 7914215 | 563266 | 559.13 | 10.63 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2222    |             |                    |                     |                     |                   |                    | 0.059              | 8.4      | 7914213 | 563275 | 558.82 | 10.32 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2305    |             |                    |                     |                     |                   |                    | 0.006              | 8.7      | 7914243 | 563205 | 562.15 | 13.65 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2307    |             |                    |                     |                     |                   |                    | 0.111              | 8.2      | 7914240 | 563213 | 561.95 | 13.45 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2313    |             |                    |                     |                     |                   |                    | 0.003              | 8.6      | 7914231 | 563239 | 561.25 | 12.75 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2315    |             |                    |                     |                     |                   |                    | 0.026              | 8.6      | 7914228 | 563247 | 560.97 | 12.47 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2317    |             |                    |                     |                     |                   |                    | 0.009              | 8.9      | 7914224 | 563255 | 559.89 | 11.39 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2319    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7914221 | 563263 | 559.45 | 10.95 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2321    |             |                    |                     |                     |                   |                    | 0.057              | 8.4      | 7914219 | 563272 | 558.93 | 10.43 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2323    |             |                    |                     |                     |                   |                    | 0.062              | 8.5      | 7914215 | 563281 | 558.58 | 10.08 | CHLORITE SCHIST | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY       | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|-----------------|--------|
| 2021 | Pit      | 550   | N1_550_033 | 2406    |             |                    |                     |                     |                   |                    | 0.008              | 8.7      | 7914246 | 563210 | 562.49 | 13.99 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2414    |             |                    |                     |                     |                   |                    | 0.004              |          | 7914233 | 563244 | 561.39 | 12.89 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2416    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7914230 | 563253 | 560.5  | 12    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2418    |             |                    |                     |                     |                   |                    | 0.024              | 8.7      | 7914227 | 563262 | 559.7  | 11.2  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2420    |             |                    |                     |                     |                   |                    | 0.046              | 8.4      | 7914223 | 563269 | 559.12 | 10.62 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2422    |             |                    |                     |                     |                   |                    | 0.05               | 8.5      | 7914221 | 563278 | 558.85 | 10.35 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2513    |             |                    |                     |                     |                   |                    | 0.008              | 8.7      | 7914240 | 563241 | 561.83 | 13.33 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2515    |             |                    |                     |                     |                   |                    | 0.004              | 8.4      | 7914236 | 563250 | 560.9  | 12.4  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2517    |             |                    |                     |                     |                   |                    | 0.008              | 9.1      | 7914233 | 563259 | 559.94 | 11.44 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2519    |             |                    |                     |                     |                   |                    | 0.008              | 8.6      | 7914229 | 563267 | 559.27 | 10.77 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2521    |             |                    |                     |                     |                   |                    | 0.013              | 8.7      | 7914226 | 563276 | 559.29 | 10.79 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2523    |             |                    |                     |                     |                   |                    | 0.047              | 8.6      | 7914224 | 563284 | 558.89 | 10.39 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2614    |             |                    |                     |                     |                   |                    | 0.004              | 8.8      | 7914242 | 563248 | 560.65 | 12.15 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2616    |             |                    |                     |                     |                   |                    | 0.013              | 8.9      | 7914240 | 563257 | 560.36 | 11.86 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2618    |             |                    |                     |                     |                   |                    | 0.016              | 8.8      | 7914236 | 563264 | 559.61 | 11.11 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2620    |             |                    |                     |                     |                   |                    | 0.04               | 8.6      | 7914233 | 563273 | 559.46 | 10.96 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2622    |             |                    |                     |                     |                   |                    | 0.03               | 8.5      | 7914229 | 563281 | 559.29 | 10.79 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2624    |             |                    |                     |                     |                   |                    | 0.049              | 8.5      | 7914226 | 563289 | 558.89 | 10.39 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2719    |             |                    |                     |                     |                   |                    | 0.027              | 8.6      | 7914237 | 563271 | 559.89 | 11.39 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2721    |             |                    |                     |                     |                   |                    | 0.02               | 8.9      | 7914235 | 563279 | 559.57 | 11.07 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2723    |             |                    |                     |                     |                   |                    | 0.06               | 8.6      | 7914232 | 563287 | 559.23 | 10.73 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2820    |             |                    |                     |                     |                   |                    | 0.03               | 8.6      | 7914241 | 563276 | 559.64 | 11.14 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2822    |             |                    |                     |                     |                   |                    | 0.07               | 8.7      | 7914239 | 563284 | 559.52 | 11.02 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2824    |             |                    |                     |                     |                   |                    | 0.046              | 8.4      | 7914234 | 563293 | 559.38 | 10.88 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2919    |             |                    |                     |                     |                   |                    | 0.047              | 8.6      | 7914245 | 563274 | 559.94 | 11.44 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2921    |             |                    |                     |                     |                   |                    | 0.035              | 8.6      | 7914244 | 563281 | 559.65 | 11.15 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2923    |             |                    |                     |                     |                   |                    | 0.06               | 8.6      | 7914241 | 563290 | 559.4  | 10.9  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2925    |             |                    |                     |                     |                   |                    | 0.026              | 8.4      | 7914237 | 563298 | 559.17 | 10.67 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 3038    |             |                    |                     |                     |                   |                    | 0.086              | 8.7      | 7914214 | 563129 | 560.98 | 12.48 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 3139    | 1           | 10                 | 13.4                | -3                  | 0.74              |                    | 0.432              | 8.8      | 7914212 | 563124 | 561.08 | 12.58 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 3238    |             |                    |                     |                     |                   |                    | 0.059              | 8.8      | 7914206 | 563127 | 561.02 | 12.52 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 3337    |             |                    |                     |                     |                   |                    | 0.199              | 8.7      | 7914200 | 563128 | 560.86 | 12.36 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 3339    |             |                    |                     |                     |                   |                    | 0.138              | 8.8      | 7914203 | 563120 | 561.3  | 12.8  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 3436    |             |                    |                     |                     |                   |                    | 0.136              | 8.6      | 7914194 | 563131 | 561.08 | 12.58 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 3438    |             |                    |                     |                     |                   |                    | 0.146              | 8.7      | 7914198 | 563123 | 561.28 | 12.78 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 3537    |             |                    |                     |                     |                   |                    | 0.102              | 8.8      | 7914191 | 563125 | 561.24 | 12.74 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 3539    |             |                    |                     |                     |                   |                    | 0.032              | 8.7      | 7914194 | 563117 | 561.32 | 12.82 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 3636    |             |                    |                     |                     |                   |                    | 0.158              | 8.6      | 7914186 | 563128 | 561.01 | 12.51 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 3638    |             |                    |                     |                     |                   |                    | 0.153              | 8.6      | 7914189 | 563120 | 561.39 | 12.89 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 3737    |             |                    |                     |                     |                   |                    | 0.082              | 8.7      | 7914183 | 563122 | 561.08 | 12.58 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 3739    |             |                    |                     |                     |                   |                    | 0.081              | 8.7      | 7914186 | 563115 | 561.08 | 12.58 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 3838    |             |                    |                     |                     |                   |                    | 0.065              | 8.5      | 7914180 | 563117 | 560.87 | 12.37 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 3937    |             |                    |                     |                     |                   |                    | 0.092              | 8.7      | 7914175 | 563119 | 560.56 | 12.06 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 3939    |             |                    |                     |                     |                   |                    | 0.128              | 8.7      | 7914178 | 563112 | 560.73 | 12.23 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 4038    |             |                    |                     |                     |                   |                    | 0.031              | 8.3      | 7914172 | 563113 | 560.4  | 11.9  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 4137    |             |                    |                     |                     |                   |                    | 0.046              | 8.3      | 7914166 | 563116 | 560.67 | 12.17 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 4139    |             |                    |                     |                     |                   |                    | 0.01               |          | 7914169 | 563107 | 560.84 | 12.34 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 4238    |             |                    |                     |                     |                   |                    | 0.014              | 8.1      | 7914164 | 563110 | 560.67 | 12.17 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 4337    |             |                    |                     |                     |                   |                    | 0.064              | 8        | 7914159 | 563113 | 560.74 | 12.24 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 4339    |             |                    |                     |                     |                   |                    | 0.014              | 8.3      | 7914162 | 563105 | 560.8  | 12.3  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 4438    |             |                    |                     |                     |                   |                    | 0.049              | 8.3      | 7914159 | 563111 | 560.66 | 12.16 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1319    |             |                    |                     |                     |                   |                    | 0.003              | 8.8      | 7914179 | 563248 | 555.98 | 7.48  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1321    |             |                    |                     |                     |                   |                    | 0.01               | 8.6      | 7914176 | 563257 | 554.45 | 5.95  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1521    |             |                    |                     |                     |                   |                    | 0.005              | 8.7      | 7914185 | 563260 | 555.54 | 7.04  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1620    |             |                    |                     |                     |                   |                    | 0.015              | 8.8      | 7914189 | 563257 | 555.52 | 7.02  | CHLORITE SCHIST | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 550   | N1_550_033 | 1701    |             |                    |                     |                     |                   |                    | 0.003              | 7.1      | 7914225 | 563179 | 561.27 | 12.77 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 1703    |             |                    |                     |                     |                   |                    | 0.003              | 7        | 7914221 | 563187 | 561.36 | 12.86 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2002    |             |                    |                     |                     |                   |                    | 0.009              | 8.4      | 7914235 | 563188 | 561.3  | 12.8  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2004    |             |                    |                     |                     |                   |                    | 0.003              | 7.8      | 7914232 | 563196 | 561.58 | 13.08 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2006    |             |                    |                     |                     |                   |                    | 0.003              | 8.4      | 7914229 | 563205 | 561.23 | 12.73 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_033 | 2404    |             |                    |                     |                     |                   |                    | 0.003              | 8.4      | 7914248 | 563202 | 562.39 | 13.89 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 400     |             |                    |                     |                     |                   |                    | 0.003              | 9.4      | 7913818 | 562914 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 404     |             |                    |                     |                     |                   |                    | 0.117              | 9.1      | 7913815 | 562928 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 406     |             |                    |                     |                     |                   |                    | 0.113              | 9        | 7913812 | 562934 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 408     |             |                    |                     |                     |                   |                    | 0.061              | 9        | 7913809 | 562940 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 410     |             |                    |                     |                     |                   |                    | 0.091              | 9.2      | 7913807 | 562947 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 412     |             |                    |                     |                     |                   |                    | 0.155              | 9.5      | 7913804 | 562953 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 414     |             |                    |                     |                     |                   |                    | 0.013              | 9        | 7913802 | 562960 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 416     |             |                    |                     |                     |                   |                    | 0.004              | 8.7      | 7913800 | 562967 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 418     |             |                    |                     |                     |                   |                    | 0.047              | 9        | 7913800 | 562974 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 420     |             |                    |                     |                     |                   |                    | 0.003              | 9.1      | 7913800 | 562981 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 422     |             |                    |                     |                     |                   |                    | 0.058              | 9.2      | 7913799 | 562988 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 501     |             |                    |                     |                     |                   |                    | 0.005              | 8.1      | 7913814 | 562917 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 503     |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913812 | 562924 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 505     |             |                    |                     |                     |                   |                    | 0.017              | 9        | 7913810 | 562931 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 515     |             |                    |                     |                     |                   |                    | 0.004              | 8.9      | 7913799 | 562963 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 517     |             |                    |                     |                     |                   |                    | 0.008              | 8.9      | 7913797 | 562970 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 519     |             |                    |                     |                     |                   |                    | 0.017              | 8.9      | 7913796 | 562977 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 521     |             |                    |                     |                     |                   |                    | 0.02               | 9.1      | 7913796 | 562984 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 523     |             |                    |                     |                     |                   |                    | 0.006              | 9        | 7913795 | 562991 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 600     |             |                    |                     |                     |                   |                    | 0.009              | 7.8      | 7913811 | 562914 | 560    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 550   | N1_550_034 | 602     |             |                    |                     |                     |                   |                    | 0.049              | 8.5      | 7913811 | 562921 | 560    | 11.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_038 | 502     |             |                    |                     |                     |                   |                    | 0.01               | 6.3      | 7913867 | 563202 | 553.17 | 4.67  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_038 | 504     |             |                    |                     |                     |                   |                    | 0.018              | 6.4      | 7913860 | 563202 | 553.92 | 5.41  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_038 | 601     |             |                    |                     |                     |                   |                    | 0.009              | 7.3      | 7913869 | 563205 | 553.23 | 4.73  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_038 | 603     |             |                    |                     |                     |                   |                    | 0.011              | 6.7      | 7913863 | 563205 | 554.17 | 5.67  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_038 | 702     |             |                    |                     |                     |                   |                    | 0.012              | 7.3      | 7913866 | 563208 | 554.13 | 5.63  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 550   | N1_550_044 | 1309    |             |                    |                     |                     |                   |                    | 0.012              | 6.8      | 7914057 | 563191 | 556.44 | 7.94  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_008 | 1001    |             |                    |                     |                     |                   | 0.11               | 0.01               | 8.6      | 7914004 | 563149 | 571.11 | 12.61 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_008 | 1003    |             |                    |                     |                     |                   | 0.01               | 0.05               | 9        | 7914011 | 563150 | 571.31 | 12.81 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_008 | 1004    |             |                    |                     |                     |                   | 0.03               | 0.019              | 8.8      | 7914015 | 563149 | 571.5  | 13    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_008 | 1102    |             |                    |                     |                     |                   | 0.05               | 0.013              | 8.7      | 7914006 | 563152 | 571.26 | 12.76 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_008 | 1104    |             |                    |                     |                     |                   | 0.05               | 0.029              | 8.6      | 7914013 | 563152 | 571.34 | 12.84 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_008 | 1200    |             |                    |                     |                     |                   | 0.06               | 0.02               | 8.2      | 7913998 | 563154 | 571.18 | 12.68 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_008 | 1202    |             |                    |                     |                     |                   | 0.06               | 0.014              | 8.5      | 7914005 | 563154 | 571.39 | 12.89 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_008 | 1300    |             |                    |                     |                     |                   | 0.07               | 0.003              | 8.9      | 7913996 | 563159 | 571.43 | 12.93 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_008 | 1302    |             |                    |                     |                     |                   | 0.06               | 0.003              | 7.6      | 7914003 | 563158 | 571.44 | 12.94 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_008 | 1304    |             |                    |                     |                     |                   | 0.05               | 0.003              | 8.7      | 7914009 | 563156 | 571.75 | 13.25 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1022    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8        | 7914112 | 563176 | 566.53 | 8.03  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1024    |             |                    |                     |                     |                   | 0.01               | 0.003              | 7.9      | 7914105 | 563174 | 567.11 | 8.61  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1026    |             |                    |                     |                     |                   | 0.01               | 0.003              | 7.3      | 7914098 | 563173 | 567.5  | 9     | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1036    |             |                    |                     |                     |                   | 0.05               | 0.005              | 7.3      | 7914064 | 563167 | 566.99 | 8.49  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1038    |             |                    |                     |                     |                   | 0.07               | 0.012              | 7.7      | 7914056 | 563168 | 566.11 | 7.61  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1040    |             |                    |                     |                     |                   | 0.04               | 0.003              | 6.9      | 7914050 | 563167 | 566.25 | 7.75  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1137 D  |             |                    |                     |                     |                   | 0.03               | 0.011              | 8.1      | 7914059 | 563170 | 566.76 | 8.26  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1155    |             |                    |                     |                     |                   | 0.01               | 0.008              | 6.8      | 7913998 | 563174 | 566.12 | 7.62  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1223    |             |                    |                     |                     |                   | 0.05               | 0.01               | 8        | 7914106 | 563181 | 566.77 | 8.27  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1225    |             |                    |                     |                     |                   | 0.01               | 0.012              | 7.8      | 7914100 | 563179 | 567.18 | 8.68  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1227    |             |                    |                     |                     |                   | 0.01               | 0.018              | 7.9      | 7914093 | 563177 | 567.91 | 9.41  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1231 D  |             |                    |                     |                     |                   | 0.09               | 0.016              | 8.1      | 7914079 | 563175 | 567.54 | 9.04  | CHLORITE SCHIST           | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 560   | N1_560_014 | 1233    |             |                    |                     |                     |                   | 0.08               | 0.046              | 7.9      | 7914072 | 563174 | 567.16 | 8.66  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1235    |             |                    |                     |                     |                   | 0.23               | 0.012              | 8.2      | 7914066 | 563173 | 567.31 | 8.81  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1237    |             |                    |                     |                     |                   | 0.01               | 0.006              | 8        | 7914058 | 563172 | 567.18 | 8.68  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1239    |             |                    |                     |                     |                   | 0.01               | 0.005              | 7.9      | 7914052 | 563173 | 566.77 | 8.27  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1241    |             |                    |                     |                     |                   | 0.06               | 0.008              | 7.9      | 7914044 | 563172 | 566.72 | 8.22  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1243    |             |                    |                     |                     |                   | 0.01               | 0.003              | 7.6      | 7914037 | 563173 | 566.31 | 7.81  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1257    |             |                    |                     |                     |                   | 0.02               | 0.01               | 8.2      | 7913989 | 563181 | 564.78 | 6.28  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1322    |             |                    |                     |                     |                   | 0.01               | 0.004              | 7.7      | 7914108 | 563186 | 567.01 | 8.51  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1325    |             |                    |                     |                     |                   | 0.01               | 0.008              | 7.8      | 7914099 | 563180 | 567.52 | 9.02  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_014 | 1356    |             |                    |                     |                     |                   | 0.02               | 0.008              | 8        | 7913992 | 563183 | 564.73 | 6.23  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_015 | 1505    |             |                    |                     |                     |                   | 0.12               | 0.093              | 8.2      | 7914216 | 563152 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_015 | 1509    |             |                    |                     |                     |                   | 0.1                | 0.052              | 8.4      | 7914197 | 563145 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_015 | 1511    |             |                    |                     |                     |                   | 0.1                | 0.153              | 8.3      | 7914188 | 563142 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_015 | 1515    |             |                    |                     |                     |                   | 0.12               | 0.064              | 8.2      | 7914169 | 563136 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_015 | 1606    |             |                    |                     |                     |                   | 0.1                | 0.025              | 8.3      | 7914210 | 563155 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_015 | 1614    |             |                    |                     |                     |                   | 0.08               | 0.039              | 8.4      | 7914172 | 563143 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_015 | 1616    |             |                    |                     |                     |                   | 0.08               | 0.013              | 8.5      | 7914162 | 563139 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_015 | 1618    |             |                    |                     |                     |                   | 0.09               | 0.012              | 8.4      | 7914153 | 563136 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_015 | 1620    |             |                    |                     |                     |                   | 0.12               | 0.046              | 8.3      | 7914143 | 563133 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_015 | 1622    |             |                    |                     |                     |                   | 0.13               | 0.027              | 8.6      | 7914134 | 563130 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_015 | 1624    |             |                    |                     |                     |                   | 0.17               | 0.041              | 8.6      | 7914124 | 563127 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_015 | 1626    |             |                    |                     |                     |                   | 0.15               | 0.148              | 8.6      | 7914115 | 563124 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_016 | 1014    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.6      | 7914136 | 563187 | 568.02 | 9.52  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_016 | 1215    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8        | 7914132 | 563194 | 567.8  | 9.29  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 214     |             |                    |                     |                     |                   | 0.11               | 0.004              | 8.8      | 7913994 | 562952 | 570    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 217     |             |                    |                     |                     |                   | 0.11               | 0.003              | 9.3      | 7913984 | 562948 | 570    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 219     |             |                    |                     |                     |                   | 0.01               | 0.003              | 9.2      | 7913977 | 562945 | 570    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 222     |             |                    |                     |                     |                   | 0.26               | 0.003              | 9.2      | 7913967 | 562941 | 570    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 224     |             |                    |                     |                     |                   | 0.14               | 0.004              | 9.3      | 7913960 | 562939 | 570    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 312     |             |                    |                     |                     |                   | 0.15               | 0.006              | 9.4      | 7913989 | 562954 | 570    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 314     |             |                    |                     |                     |                   | 0.01               | 0.022              | 9.5      | 7913980 | 562950 | 570    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 316     |             |                    |                     |                     |                   | 0.05               | 0.009              | 9.5      | 7913971 | 562947 | 570    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 318     |             |                    |                     |                     |                   | 0.18               | 0.003              | 9.4      | 7913962 | 562943 | 570    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 320     |             |                    |                     |                     |                   | 0.06               | 0.098              | 9.9      | 7913953 | 562939 | 570    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1011    |             |                    |                     |                     |                   | 0.21               | 0.01               | 9.1      | 7913990 | 562987 | 568.5  | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1013    |             |                    |                     |                     |                   | 0.1                | 0.003              | 9.3      | 7913983 | 562984 | 568.5  | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1015    |             |                    |                     |                     |                   | 0.11               | 0.014              | 8.6      | 7913975 | 562981 | 568.5  | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1017    |             |                    |                     |                     |                   | 0.1                | 0.014              | 9.4      | 7913968 | 562979 | 568.5  | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1019    |             |                    |                     |                     |                   | 0.09               | 0.032              | 9.3      | 7913960 | 562976 | 568.5  | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1021    |             |                    |                     |                     |                   | 0.08               | 0.003              | 8.9      | 7913953 | 562973 | 568.5  | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1112    |             |                    |                     |                     |                   | 0.05               | 0.003              | 8.9      | 7913987 | 562983 | 568.5  | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1114    |             |                    |                     |                     |                   | 0.15               | 0.003              | 9.7      | 7913980 | 562980 | 568.5  | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1116    |             |                    |                     |                     |                   | 0.09               | 0.08               | 9.4      | 7913972 | 562978 | 568.5  | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1120    |             |                    |                     |                     |                   | 0.04               | 0.004              | 9.6      | 7913957 | 562972 | 568.5  | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1124    |             |                    |                     |                     |                   | 0.04               | 0.008              | 9.6      | 7913942 | 562966 | 568.5  | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1208    |             |                    |                     |                     |                   | 0.1                | 0.003              | 8.8      | 7913999 | 562985 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1309    |             |                    |                     |                     |                   | 0.12               | 0.003              | 8.9      | 7913996 | 562979 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1311    |             |                    |                     |                     |                   | 0.08               | 0.003              | 9.2      | 7913987 | 562975 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1313    |             |                    |                     |                     |                   | 0.12               | 0.008              | 9.6      | 7913978 | 562972 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1315    |             |                    |                     |                     |                   | 0.16               | 0.053              | 9.3      | 7913969 | 562968 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1317    |             |                    |                     |                     |                   | 0.1                | 0.03               | 9.1      | 7913960 | 562965 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1319    |             |                    |                     |                     |                   | 0.15               | 0.065              | 9.3      | 7913950 | 562960 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1406    |             |                    |                     |                     |                   | 0.09               | 0.008              | 8        | 7914010 | 562981 | 568.5  | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1408    |             |                    |                     |                     |                   | 0.11               | 0.006              | 8.8      | 7914002 | 562977 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1410    |             |                    |                     |                     |                   | 0.12               | 0.003              | 8.9      | 7913993 | 562973 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z     | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|-------|-------|---------------------------|--------|
| 2021 | Pit      | 560   | N1_560_017 | 1412    |             |                    |                     |                     |                   | 0.12               | 0.003              | 9.8      | 7913984 | 562970 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1414    |             |                    |                     |                     |                   | 0.05               | 0.013              | 9.8      | 7913975 | 562966 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1416    |             |                    |                     |                     |                   | 0.06               | 0.003              | 9.6      | 7913966 | 562963 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1418    |             |                    |                     |                     |                   | 0.15               | 0.003              | 9        | 7913956 | 562959 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1420    |             |                    |                     |                     |                   | 0.1                | 0.035              | 9.1      | 7913947 | 562955 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1507    |             |                    |                     |                     |                   | 0.2                | 0.003              | 8.7      | 7914008 | 562975 | 568.5 | 10    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1509    |             |                    |                     |                     |                   | 0.12               | 0.058              | 7.4      | 7913999 | 562972 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1511    |             |                    |                     |                     |                   | 0.09               | 0.005              | 8.9      | 7913990 | 562968 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1513    |             |                    |                     |                     |                   | 0.1                | 0.003              | 9.6      | 7913980 | 562964 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1515    |             |                    |                     |                     |                   | 0.06               | 0.106              | 9.5      | 7913971 | 562960 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1517    |             |                    |                     |                     |                   | 0.07               | 0.006              | 9.2      | 7913962 | 562957 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1519    |             |                    |                     |                     |                   | 0.03               | 0.034              | 9.2      | 7913953 | 562953 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1608    |             |                    |                     |                     |                   | 0.12               | 0.003              | 8.6      | 7914006 | 562970 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1610    |             |                    |                     |                     |                   | 0.16               | 0.003              | 8.7      | 7913996 | 562966 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1612    |             |                    |                     |                     |                   | 0.15               | 0.003              | 9.4      | 7913986 | 562962 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1614    |             |                    |                     |                     |                   | 0.03               | 0.022              | 9.6      | 7913978 | 562959 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1616    |             |                    |                     |                     |                   | 0.05               | 0.156              | 9.2      | 7913968 | 562955 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1618    |             |                    |                     |                     |                   | 0.03               | 0.003              | 9.3      | 7913959 | 562951 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1620    |             |                    |                     |                     |                   | 0.06               | 0.008              | 9.6      | 7913950 | 562947 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1711    |             |                    |                     |                     |                   | 0.13               | 0.038              | 9.5      | 7913992 | 562960 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1713    |             |                    |                     |                     |                   | 0.06               | 0.003              | 9.5      | 7913984 | 562957 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1715    |             |                    |                     |                     |                   | 0.03               | 0.004              | 9.5      | 7913974 | 562953 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1717    |             |                    |                     |                     |                   | 0.18               | 0.003              | 9.3      | 7913965 | 562949 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_017 | 1719    |             |                    |                     |                     |                   | 0.09               | 0.027              | 9.7      | 7913956 | 562945 | 569   | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1164    |             |                    |                     |                     |                   | 0.03               | 0.003              | 8.5      | 7913967 | 563184 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1026    |             |                    |                     |                     |                   | 0.01               | 0.013              | 7.4      | 7913887 | 563087 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1123    |             |                    |                     |                     |                   | 0.14               | 0.01               | 7.6      | 7913879 | 563097 | 568.5 | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1125    |             |                    |                     |                     |                   | 0.11               | 0.007              | 8.6      | 7913883 | 563090 | 568.5 | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1222    |             |                    |                     |                     |                   | 0.85               | 0.008              | 7.4      | 7913874 | 563099 | 568.5 | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1224    |             |                    |                     |                     |                   | 0.06               | 0.003              | 8.4      | 7913877 | 563092 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1226    |             |                    |                     |                     |                   | 0.02               | 0.009              | 9.2      | 7913881 | 563084 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1319    |             |                    |                     |                     |                   | 0.48               | 0.033              | 6.8      | 7913866 | 563109 | 568.5 | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1321    |             |                    |                     |                     |                   | 0.57               | 0.025              | 7        | 7913869 | 563102 | 568.5 | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1323    |             |                    |                     |                     |                   | 0.17               | 0.003              | 8.8      | 7913872 | 563093 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1325    |             |                    |                     |                     |                   | 0.02               | 0.009              | 9        | 7913875 | 563085 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1420    |             |                    |                     |                     |                   | 0.17               | 0.013              | 6.7      | 7913863 | 563104 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1422    |             |                    |                     |                     |                   | 0.17               | 0.005              | 8.8      | 7913866 | 563096 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1424    |             |                    |                     |                     |                   | 0.04               | 0.012              | 8.6      | 7913869 | 563089 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1515    |             |                    |                     |                     |                   | 0.16               | 0.006              | 8.2      | 7913852 | 563121 | 568.5 | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1517    |             |                    |                     |                     |                   | 0.3                | 0.03               | 6.7      | 7913855 | 563113 | 568.5 | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1521    |             |                    |                     |                     |                   | 0.04               | 0.023              | 8.9      | 7913861 | 563098 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1523    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.7      | 7913864 | 563090 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1614    |             |                    |                     |                     |                   | 0.17               | 0.014              | 7.5      | 7913847 | 563123 | 568.5 | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1618    |             |                    |                     |                     |                   | 0.01               | 0.005              | 8        | 7913852 | 563108 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1620    |             |                    |                     |                     |                   | 0.03               | 0.003              | 8.8      | 7913855 | 563101 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1622    |             |                    |                     |                     |                   | 0.01               | 0.006              | 8.8      | 7913858 | 563093 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1624    |             |                    |                     |                     |                   | 0.01               | 0.011              | 9        | 7913861 | 563086 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1717    |             |                    |                     |                     |                   | 0.08               | 0.003              | 7.9      | 7913847 | 563110 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1719    |             |                    |                     |                     |                   | 0.04               | 0.003              | 8.8      | 7913850 | 563103 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1721    |             |                    |                     |                     |                   | 0.03               | 0.003              | 9        | 7913853 | 563095 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1723    |             |                    |                     |                     |                   | 0.01               | 0.003              | 9        | 7913855 | 563087 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1820 D  |             |                    |                     |                     |                   | 0.06               | 0.003              | 9        | 7913847 | 563098 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1822    |             |                    |                     |                     |                   | 0.08               | 0.003              | 9        | 7913850 | 563090 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1921    |             |                    |                     |                     |                   | 0.13               | 0.006              | 9.1      | 7913845 | 563093 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 1922    |             |                    |                     |                     |                   | 0.05               | 0.014              | 8.9      | 7913846 | 563087 | 569   | 10.5  | CHLORITE SCHIST           | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z   | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|-----|-------|---------------------------|--------|
| 2021 | Pit      | 560   | N1_560_021 | 4024    |             |                    |                     |                     |                   | 0.05               | 0.006              | 9.1      | 7913842 | 563104 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 4026    |             |                    |                     |                     |                   | 0.06               | 0.007              | 9.1      | 7913840 | 563096 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 4028    |             |                    |                     |                     |                   | 0.09               | 0.003              | 8.9      | 7913839 | 563088 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 4123    |             |                    |                     |                     |                   | 0.07               | 0.014              | 8.9      | 7913844 | 563107 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 4125    |             |                    |                     |                     |                   | 0.04               | 0.003              | 9        | 7913842 | 563099 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_021 | 4127    |             |                    |                     |                     |                   | 0.05               | 0.003              | 8.7      | 7913841 | 563091 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_022 | 1000    |             |                    |                     |                     |                   | 0.12               | 0.01               | 8.7      | 7913876 | 562904 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_022 | 1003    |             |                    |                     |                     |                   | 0.13               | 0.018              | 8.3      | 7913868 | 562912 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_022 | 1006    |             |                    |                     |                     |                   | 0.07               | 0.048              | 8.3      | 7913860 | 562918 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_022 | 1010    |             |                    |                     |                     |                   | 0.04               | 0.012              | 8.1      | 7913855 | 562931 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_022 | 1014    |             |                    |                     |                     |                   | 0.11               | 0.026              | 9        | 7913850 | 562945 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_022 | 1018    |             |                    |                     |                     |                   | 0.04               | 0.043              | 9.3      | 7913845 | 562958 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_022 | 1022    |             |                    |                     |                     |                   | 0.17               | 0.003              | 8.5      | 7913843 | 562972 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_022 | 2008    |             |                    |                     |                     |                   | 0.03               | 0.012              | 9        | 7913853 | 562923 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_022 | 2012    |             |                    |                     |                     |                   | 0.08               | 0.032              | 8.6      | 7913850 | 562938 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_022 | 2016    |             |                    |                     |                     |                   | 0.07               | 0.003              | 9        | 7913844 | 562950 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_022 | 2020    |             |                    |                     |                     |                   | 0.06               | 0.018              | 9.4      | 7913841 | 562964 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_022 | 3001    |             |                    |                     |                     |                   | 0.06               | 0.008              | 8.8      | 7913867 | 562904 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_022 | 3003    |             |                    |                     |                     |                   | 0.09               | 0.007              | 8.9      | 7913861 | 562909 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_022 | 3005    |             |                    |                     |                     |                   | 0.08               | 0.005              | 8.7      | 7913856 | 562914 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1001    |             |                    |                     |                     |                   | 0.09               | 0.003              | 9.4      | 7913844 | 563080 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1003    |             |                    |                     |                     |                   | 0.09               | 0.008              | 9        | 7913853 | 563079 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1005    |             |                    |                     |                     |                   | 0.11               | 0.008              | 9.4      | 7913862 | 563079 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1007    |             |                    |                     |                     |                   | 0.07               | 0.016              | 9.4      | 7913870 | 563078 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1009    |             |                    |                     |                     |                   | 0.08               | 0.007              | 9.4      | 7913879 | 563078 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1010    |             |                    |                     |                     |                   | 0.09               | 0.006              | 9.1      | 7913884 | 563078 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1012    |             |                    |                     |                     |                   | 0.1                | 0.013              | 9.1      | 7913892 | 563072 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1014    |             |                    |                     |                     |                   | 0.1                | 0.136              | 9.2      | 7913896 | 563064 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1017    |             |                    |                     |                     |                   | 0.03               | 0.004              | 9.6      | 7913901 | 563052 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1019    |             |                    |                     |                     |                   | 0.04               | 0.062              | 8.6      | 7913904 | 563044 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1022    |             |                    |                     |                     |                   | 0.04               | 0.024              | 8.7      | 7913908 | 563031 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1024    |             |                    |                     |                     |                   | 0.04               | 0.004              | 9.7      | 7913911 | 563022 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1027    |             |                    |                     |                     |                   | 0.06               | 0.014              | 9.5      | 7913915 | 563009 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1029    |             |                    |                     |                     |                   | 0.13               | 0.012              | 9.9      | 7913917 | 562999 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1104    |             |                    |                     |                     |                   | 0.1                | 0.003              | 9.3      | 7913858 | 563077 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1200    |             |                    |                     |                     |                   | 0.07               | 0.006              | 9.5      | 7913912 | 562994 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1202    |             |                    |                     |                     |                   | 0.07               | 0.044              | 9.4      | 7913909 | 563004 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1204    |             |                    |                     |                     |                   | 0.08               | 0.004              | 9.2      | 7913905 | 563014 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1206    |             |                    |                     |                     |                   | 0.05               | 0.004              | 8.9      | 7913902 | 563025 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1208    |             |                    |                     |                     |                   | 0.08               | 0.004              | 9.8      | 7913899 | 563035 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1210    |             |                    |                     |                     |                   | 0.03               | 0.007              | 9.9      | 7913895 | 563046 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1212    |             |                    |                     |                     |                   | 0.04               | 0.026              | 9.7      | 7913892 | 563056 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1214    |             |                    |                     |                     |                   | 0.11               | 0.029              | 9.8      | 7913888 | 563065 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1301    |             |                    |                     |                     |                   | 0.1                | 0.004              | 9.6      | 7913905 | 562997 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1303    |             |                    |                     |                     |                   | 0.16               | 0.005              | 9.5      | 7913902 | 563008 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1305    |             |                    |                     |                     |                   | 0.06               | 0.004              | 9.7      | 7913898 | 563018 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1307    |             |                    |                     |                     |                   | 0.09               | 0.003              | 9.1      | 7913895 | 563029 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1309    |             |                    |                     |                     |                   | 0.05               | 0.027              | 9.5      | 7913892 | 563039 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1311    |             |                    |                     |                     |                   | 0.09               | 0.012              | 9.3      | 7913888 | 563049 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1313    |             |                    |                     |                     |                   | 0.01               | 0.004              | 9.4      | 7913885 | 563060 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1315    |             |                    |                     |                     |                   | 0.07               | 0.099              | 9.5      | 7913881 | 563070 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1400    |             |                    |                     |                     |                   | 0.07               | 0.003              | 9.4      | 7913902 | 562990 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1402    |             |                    |                     |                     |                   | 0.06               | 0.005              | 9.5      | 7913898 | 563001 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1404    |             |                    |                     |                     |                   | 0.12               | 0.011              | 9.5      | 7913895 | 563011 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1406    |             |                    |                     |                     |                   | 0.12               | 0.004              | 9.3      | 7913891 | 563022 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z   | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|-----|-------|---------------------------|--------|
| 2021 | Pit      | 560   | N1_560_023 | 1408    |             |                    |                     |                     |                   | 0.09               | 0.018              | 9.5      | 7913888 | 563032 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1410    |             |                    |                     |                     |                   | 0.11               | 0.011              | 9.4      | 7913885 | 563043 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1412    |             |                    |                     |                     |                   | 0.08               | 0.03               | 9.7      | 7913881 | 563053 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1414    |             |                    |                     |                     |                   | 0.04               | 0.049              | 9.2      | 7913878 | 563064 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1501    |             |                    |                     |                     |                   | 0.07               | 0.008              | 8.9      | 7913895 | 562995 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1503    |             |                    |                     |                     |                   | 0.03               | 0.014              | 9.6      | 7913891 | 563004 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1505    |             |                    |                     |                     |                   | 0.03               | 0.015              | 9.4      | 7913888 | 563015 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1507    |             |                    |                     |                     |                   | 0.03               | 0.05               | 9.7      | 7913885 | 563025 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1509    |             |                    |                     |                     |                   | 0.08               | 0.005              | 9.1      | 7913881 | 563036 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1511    |             |                    |                     |                     |                   | 0.05               | 0.009              | 9.4      | 7913878 | 563046 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1513    |             |                    |                     |                     |                   | 0.05               | 0.011              | 9.7      | 7913874 | 563057 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1515    |             |                    |                     |                     |                   | 0.05               | 0.048              | 8.9      | 7913871 | 563067 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1600    |             |                    |                     |                     |                   | 0.05               | 0.007              | 9.3      | 7913891 | 562987 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1602    |             |                    |                     |                     |                   | 0.07               | 0.004              | 9.2      | 7913888 | 562998 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1604    |             |                    |                     |                     |                   | 0.07               | 0.008              | 9.5      | 7913884 | 563008 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1606    |             |                    |                     |                     |                   | 0.07               | 0.027              | 9.7      | 7913882 | 563019 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1608    |             |                    |                     |                     |                   | 0.04               | 0.044              | 9.4      | 7913878 | 563029 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1610    |             |                    |                     |                     |                   | 0.06               | 0.006              | 9.1      | 7913874 | 563040 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1612    |             |                    |                     |                     |                   | 0.09               | 0.02               | 9.2      | 7913871 | 563050 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1614    |             |                    |                     |                     |                   | 0.07               | 0.025              | 9.1      | 7913868 | 563060 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1616    |             |                    |                     |                     |                   | 0.07               | 0.054              | 8.3      | 7913863 | 563071 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1701    |             |                    |                     |                     |                   | 0.03               | 0.015              | 9.3      | 7913884 | 562991 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1703    |             |                    |                     |                     |                   | 0.06               | 0.029              | 9        | 7913881 | 563001 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1705    |             |                    |                     |                     |                   | 0.01               | 0.038              | 9.3      | 7913877 | 563012 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1707    |             |                    |                     |                     |                   | 0.11               | 0.037              | 9.4      | 7913874 | 563022 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1709    |             |                    |                     |                     |                   | 0.04               | 0.016              | 9.3      | 7913871 | 563033 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1711    |             |                    |                     |                     |                   | 0.02               | 0.003              | 9        | 7913867 | 563043 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1713    |             |                    |                     |                     |                   | 0.09               | 0.003              | 9.3      | 7913864 | 563054 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1715    |             |                    |                     |                     |                   | 0.06               | 0.103              | 8.2      | 7913860 | 563065 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1800    |             |                    |                     |                     |                   | 0.01               | 0.004              | 9.3      | 7913881 | 562984 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1802    |             |                    |                     |                     |                   | 0.21               | 0.016              | 9.3      | 7913877 | 562994 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1804    |             |                    |                     |                     |                   | 0.03               | 0.009              | 9.1      | 7913874 | 563005 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1806    |             |                    |                     |                     |                   | 0.01               | 0.032              | 8.9      | 7913870 | 563015 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1808    |             |                    |                     |                     |                   | 0.03               | 0.05               | 9.3      | 7913867 | 563026 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1810    |             |                    |                     |                     |                   | 0.11               | 0.045              | 9        | 7913864 | 563036 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1812    |             |                    |                     |                     |                   | 0.03               | 0.003              | 9.5      | 7913860 | 563047 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1814    |             |                    |                     |                     |                   | 0.02               | 0.003              | 9.4      | 7913857 | 563057 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1816    |             |                    |                     |                     |                   | 0.01               | 0.098              | 9        | 7913853 | 563067 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1901    |             |                    |                     |                     |                   | 0.01               | 0.037              | 8.9      | 7913874 | 562988 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1903    |             |                    |                     |                     |                   | 0.05               | 0.014              | 9.1      | 7913870 | 562998 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1905    |             |                    |                     |                     |                   | 0.06               | 0.009              | 9.4      | 7913867 | 563009 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1907    |             |                    |                     |                     |                   | 0.01               | 0.046              | 9.2      | 7913863 | 563019 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1909    |             |                    |                     |                     |                   | 0.02               | 0.094              | 9        | 7913860 | 563030 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1911    |             |                    |                     |                     |                   | 0.1                | 0.125              | 9.1      | 7913857 | 563040 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1913    |             |                    |                     |                     |                   | 0.09               | 0.044              | 9.2      | 7913853 | 563050 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1915    |             |                    |                     |                     |                   | 0.01               | 0.003              | 9.4      | 7913850 | 563061 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 1917    |             |                    |                     |                     |                   | 0.06               | 0.003              | 9        | 7913846 | 563072 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2000    |             |                    |                     |                     |                   | 0.03               | 0.016              | 9.5      | 7913870 | 562981 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2002    |             |                    |                     |                     |                   | 0.07               | 0.027              | 9        | 7913867 | 562991 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2004    |             |                    |                     |                     |                   | 0.02               | 0.005              | 8.9      | 7913863 | 563001 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2006    |             |                    |                     |                     |                   | 0.01               | 0.014              | 9.1      | 7913860 | 563012 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2008    |             |                    |                     |                     |                   | 0.06               | 0.003              | 9        | 7913857 | 563022 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2010    |             |                    |                     |                     |                   | 0.06               | 0.007              | 9        | 7913853 | 563033 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2012    |             |                    |                     |                     |                   | 0.11               | 0.01               | 9.3      | 7913850 | 563043 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2014    |             |                    |                     |                     |                   | 0.09               | 0.003              | 8.9      | 7913846 | 563054 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z   | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|-----|-------|---------------------------|--------|
| 2021 | Pit      | 560   | N1_560_023 | 2016    |             |                    |                     |                     |                   | 0.1                | 0.038              | 8.7      | 7913843 | 563064 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2018    |             |                    |                     |                     |                   | 0.18               | 0.003              | 9.2      | 7913840 | 563074 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2101    |             |                    |                     |                     |                   | 0.05               | 0.01               | 9.3      | 7913863 | 562984 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2103    |             |                    |                     |                     |                   | 0.05               | 0.009              | 8.8      | 7913860 | 562995 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2105    |             |                    |                     |                     |                   | 0.09               | 0.048              | 9.3      | 7913856 | 563004 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2107    |             |                    |                     |                     |                   | 0.02               | 0.003              | 9.2      | 7913853 | 563015 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2109    |             |                    |                     |                     |                   | 0.13               | 0.028              | 9        | 7913850 | 563026 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2111    |             |                    |                     |                     |                   | 0.09               | 0.003              | 9.2      | 7913846 | 563036 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2113    |             |                    |                     |                     |                   | 0.16               | 0.004              | 9        | 7913843 | 563047 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2115    |             |                    |                     |                     |                   | 0.07               | 0.004              | 8.8      | 7913840 | 563058 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2200    |             |                    |                     |                     |                   | 0.05               | 0.003              | 9.2      | 7913860 | 562977 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2202    |             |                    |                     |                     |                   | 0.01               | 0.007              | 9.2      | 7913856 | 562988 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2204    |             |                    |                     |                     |                   | 0.01               | 0.015              | 9.2      | 7913853 | 562998 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2206    |             |                    |                     |                     |                   | 0.01               | 0.027              | 8.7      | 7913849 | 563009 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2208    |             |                    |                     |                     |                   | 0.01               | 0.003              | 9        | 7913846 | 563019 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2210    |             |                    |                     |                     |                   | 0.01               | 0.003              | 9        | 7913843 | 563030 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2212    |             |                    |                     |                     |                   | 0.01               | 0.003              | 9.1      | 7913839 | 563040 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2214    |             |                    |                     |                     |                   | 0.02               | 0.037              | 9.2      | 7913837 | 563051 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2301    |             |                    |                     |                     |                   | 0.05               | 0.003              | 9.5      | 7913853 | 562981 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2303    |             |                    |                     |                     |                   | 0.03               | 0.003              | 9.2      | 7913849 | 562991 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2305    |             |                    |                     |                     |                   | 0.13               | 0.006              | 9.3      | 7913846 | 563002 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2307    |             |                    |                     |                     |                   | 0.04               | 0.003              | 9        | 7913842 | 563012 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2309    |             |                    |                     |                     |                   | 0.06               | 0.006              | 9.3      | 7913839 | 563023 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 2311    |             |                    |                     |                     |                   | 0.02               | 0.006              | 9.1      | 7913837 | 563033 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 4000    |             |                    |                     |                     |                   | 0.05               | 0.003              | 8.9      | 7913834 | 563082 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 4002    |             |                    |                     |                     |                   | 0.06               | 0.004              | 8.8      | 7913833 | 563073 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 4004    |             |                    |                     |                     |                   | 0.04               | 0.029              | 9.1      | 7913833 | 563064 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 4006    |             |                    |                     |                     |                   | 0.13               | 0.006              | 8.9      | 7913832 | 563055 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 4008    |             |                    |                     |                     |                   | 0.08               | 0.007              | 8.7      | 7913832 | 563046 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 4010    |             |                    |                     |                     |                   | 0.02               | 0.011              | 8.9      | 7913830 | 563037 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 4014    |             |                    |                     |                     |                   | 0.01               | 0.004              | 9.1      | 7913833 | 563020 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 4020    |             |                    |                     |                     |                   | 0.01               | 0.004              | 9.5      | 7913842 | 562995 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 4021    |             |                    |                     |                     |                   | 0.01               | 0.003              | 9.1      | 7913843 | 562991 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 4023    |             |                    |                     |                     |                   | 0.03               | 0.018              | 9.4      | 7913846 | 562982 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 4025    |             |                    |                     |                     |                   | 0.05               | 0.003              | 9.1      | 7913850 | 562974 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 4112    |             |                    |                     |                     |                   | 0.01               | 0.003              | 9.2      | 7913833 | 563028 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 4115    |             |                    |                     |                     |                   | 0.01               | 0.003              | 9        | 7913836 | 563015 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 4116    |             |                    |                     |                     |                   | 0.01               | 0.008              | 9        | 7913837 | 563011 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 4117    |             |                    |                     |                     |                   | 0.01               | 0.007              | 9.6      | 7913838 | 563007 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_023 | 4118    |             |                    |                     |                     |                   | 0.01               | 0.022              | 9.7      | 7913839 | 563003 | 569 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_024 | 1034    |             |                    |                     |                     |                   | 0.19               | 0.004              | 8.9      | 7913824 | 563009 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_024 | 1037    |             |                    |                     |                     |                   | 0.99               | 0.044              | 8.6      | 7913822 | 563019 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_024 | 1041    |             |                    |                     |                     |                   | 0.31               | 0.013              | 8.5      | 7913821 | 563033 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_024 | 1045    |             |                    |                     |                     |                   | 0.15               | 0.136              | 8.2      | 7913820 | 563047 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_024 | 1064    |             |                    |                     |                     |                   | 0.08               | 0.173              | 8.4      | 7913829 | 563113 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_024 | 1068    |             |                    |                     |                     |                   | 0.08               | 0.01               | 7        | 7913829 | 563127 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_024 | 1149    |             |                    |                     |                     |                   | 0.12               | 0.006              | 8.3      | 7913826 | 563059 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_024 | 1153    |             |                    |                     |                     |                   | 0.32               | 0.006              | 8.5      | 7913828 | 563074 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_024 | 1156    |             |                    |                     |                     |                   | 0.14               | 0.005              | 8        | 7913829 | 563085 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_024 | 1160    |             |                    |                     |                     |                   | 0.09               | 0.01               | 8.4      | 7913831 | 563099 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_024 | 2035    |             |                    |                     |                     |                   | 0.09               | 0.013              | 8.4      | 7913820 | 563011 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_024 | 2039    |             |                    |                     |                     |                   | 0.33               | 0.004              | 8.4      | 7913818 | 563025 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_024 | 2043    |             |                    |                     |                     |                   | 0.14               | 0.007              | 8.1      | 7913817 | 563039 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_024 | 2047    |             |                    |                     |                     |                   | 0.1                | 0.008              | 8.2      | 7913818 | 563052 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_024 | 2051    |             |                    |                     |                     |                   | 0.13               | 0.009              | 8.1      | 7913820 | 563066 | 569 | 10.5  | CHLORITE SCHIST           | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 560   | N1_560_024 | 2055    |             |                    |                     |                     |                   | 0.63               | 0.006              | 8.1      | 7913823 | 563079 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_024 | 2059    |             |                    |                     |                     |                   | 0.06               | 0.007              | 8.3      | 7913824 | 563093 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_024 | 2063    |             |                    |                     |                     |                   | 0.07               | 0.01               | 8.3      | 7913825 | 563107 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_024 | 2067    |             |                    |                     |                     |                   | 0.07               | 0.004              | 8.3      | 7913825 | 563121 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 201     |             |                    |                     |                     |                   | 0.2                | 0.018              | 9.4      | 7913882 | 562907 | 569.01 | 10.51 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 204     |             |                    |                     |                     |                   | 0.2                | 0.086              | 9.6      | 7913892 | 562911 | 569.04 | 10.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 206     |             |                    |                     |                     |                   | 0.14               | 0.046              | 9.2      | 7913899 | 562913 | 569.02 | 10.52 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 209     |             |                    |                     |                     |                   | 0.08               | 0.198              | 8.9      | 7913910 | 562918 | 569.52 | 11.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 212     |             |                    |                     |                     |                   | 0.07               | 0.021              | 8.7      | 7913919 | 562922 | 569.66 | 11.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 214     |             |                    |                     |                     |                   | 0.08               | 0.068              | 8.8      | 7913926 | 562924 | 569.66 | 11.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 217     |             |                    |                     |                     |                   | 0.09               | 0.007              | 9.3      | 7913938 | 562929 | 570.22 | 11.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 220     |             |                    |                     |                     |                   | 0.11               | 0.009              | 8.9      | 7913948 | 562933 | 570.5  | 12    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 300     |             |                    |                     |                     |                   | 0.2                | 0.008              | 9.6      | 7913877 | 562908 | 569.23 | 10.73 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 302     |             |                    |                     |                     |                   | 0.01               | 0.066              | 9.3      | 7913885 | 562912 | 569.25 | 10.75 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 304     |             |                    |                     |                     |                   | 0.21               | 0.079              | 9.2      | 7913895 | 562915 | 569.24 | 10.74 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 306     |             |                    |                     |                     |                   | 0.2                | 0.126              | 8.8      | 7913904 | 562919 | 569.37 | 10.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 308     |             |                    |                     |                     |                   | 0.25               | 0.093              | 8.6      | 7913914 | 562923 | 569.62 | 11.12 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 310     |             |                    |                     |                     |                   | 0.19               | 0.014              | 9.1      | 7913923 | 562927 | 569.73 | 11.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 312     |             |                    |                     |                     |                   | 0.22               | 0.003              | 9.1      | 7913932 | 562930 | 569.96 | 11.46 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 314     |             |                    |                     |                     |                   | 0.06               | 0.01               | 9        | 7913942 | 562934 | 570.54 | 12.04 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1000    |             |                    |                     |                     |                   | 0.07               | 0.003              | 9.2      | 7913854 | 562967 | 569.43 | 10.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1002    |             |                    |                     |                     |                   | 0.01               | 0.006              | 9.3      | 7913864 | 562971 | 569.29 | 10.79 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1004    |             |                    |                     |                     |                   | 0.01               | 0.102              | 9.5      | 7913873 | 562974 | 569.15 | 10.65 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1006    |             |                    |                     |                     |                   | 0.01               | 0.013              | 8.9      | 7913883 | 562977 | 569.17 | 10.67 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1008    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.9      | 7913892 | 562980 | 568.82 | 10.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1010    |             |                    |                     |                     |                   | 0.01               | 0.003              | 9.1      | 7913901 | 562983 | 569.1  | 10.6  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1012    |             |                    |                     |                     |                   | 0.02               | 0.006              | 9.1      | 7913913 | 562986 | 569.55 | 11.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1014    |             |                    |                     |                     |                   | 0.04               | 0.038              | 9.2      | 7913922 | 562989 | 569.75 | 11.25 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1016    |             |                    |                     |                     |                   | 0.01               | 0.022              | 9.2      | 7913928 | 562986 | 569.3  | 10.8  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1018    |             |                    |                     |                     |                   | 0.03               | 0.003              | 9.1      | 7913931 | 562977 | 569.65 | 11.15 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1020    |             |                    |                     |                     |                   | 0.01               | 0.003              | 9.2      | 7913935 | 562968 | 569.52 | 11.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1022    |             |                    |                     |                     |                   | 0.1                | 0.011              | 9        | 7913937 | 562959 | 569.82 | 11.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1024    |             |                    |                     |                     |                   | 0.1                | 0.042              | 9.2      | 7913939 | 562951 | 570.02 | 11.52 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1026    |             |                    |                     |                     |                   | 0.04               | 0.014              | 9        | 7913942 | 562943 | 570.28 | 11.78 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1101 D  |             |                    |                     |                     |                   | 0.01               | 0.013              | 9.1      | 7913860 | 562967 | 569.61 | 11.11 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1103    |             |                    |                     |                     |                   | 0.03               | 0.004              | 9.2      | 7913869 | 562970 | 569.68 | 11.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1105    |             |                    |                     |                     |                   | 0.01               | 0.008              | 9.3      | 7913878 | 562973 | 569.13 | 10.63 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1107    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.8      | 7913888 | 562976 | 568.9  | 10.4  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1109    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.7      | 7913898 | 562979 | 568.93 | 10.43 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1111    |             |                    |                     |                     |                   | 0.01               | 0.006              | 8.8      | 7913907 | 562982 | 569.08 | 10.58 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1113    |             |                    |                     |                     |                   | 0.01               | 0.004              | 9.1      | 7913918 | 562985 | 569.63 | 11.13 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1115    |             |                    |                     |                     |                   | 0.07               | 0.028              | 9.1      | 7913926 | 562989 | 569.42 | 10.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1117    |             |                    |                     |                     |                   | 0.01               | 0.003              | 9        | 7913927 | 562980 | 569.52 | 11.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1119    |             |                    |                     |                     |                   | 0.01               | 0.027              | 9        | 7913931 | 562972 | 569.52 | 11.02 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1121    |             |                    |                     |                     |                   | 0.12               | 0.031              | 9.1      | 7913934 | 562963 | 569.45 | 10.95 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1123    |             |                    |                     |                     |                   | 0.08               | 0.006              | 9        | 7913935 | 562954 | 569.78 | 11.28 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1125    |             |                    |                     |                     |                   | 0.08               | 0.01               | 9.2      | 7913938 | 562946 | 570.13 | 11.63 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1127    |             |                    |                     |                     |                   | 0.13               | 0.012              | 9.4      | 7913941 | 562939 | 570.44 | 11.94 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1200    |             |                    |                     |                     |                   | 0.12               | 0.061              | 8.9      | 7913855 | 562961 | 569.65 | 11.15 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1202    |             |                    |                     |                     |                   | 0.11               | 0.031              | 8.8      | 7913866 | 562963 | 569.58 | 11.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1204    |             |                    |                     |                     |                   | 0.07               | 0.076              | 9.4      | 7913876 | 562967 | 569.32 | 10.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1206    |             |                    |                     |                     |                   | 0.04               | 0.037              | 8.8      | 7913885 | 562970 | 568.87 | 10.37 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1208    |             |                    |                     |                     |                   | 0.01               | 0.006              | 8.3      | 7913894 | 562973 | 568.88 | 10.38 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1210 D  |             |                    |                     |                     |                   | 0.02               | 0.003              | 8.8      | 7913903 | 562977 | 568.83 | 10.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1212    |             |                    |                     |                     |                   | 0.04               | 0.004              | 9.1      | 7913913 | 562980 | 569.18 | 10.68 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 560   | N1_560_025 | 1214    |             |                    |                     |                     |                   | 0.01               | 0.003              | 9.2      | 7913922 | 562983 | 569.44 | 10.94 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1301    |             |                    |                     |                     |                   | 0.11               | 0.028              | 9        | 7913863 | 562957 | 569.42 | 10.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1305    |             |                    |                     |                     |                   | 0.15               | 0.006              | 9.6      | 7913882 | 562964 | 569.19 | 10.68 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1307    |             |                    |                     |                     |                   | 0.07               | 0.003              | 8.7      | 7913892 | 562967 | 569.01 | 10.51 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1309    |             |                    |                     |                     |                   | 0.09               | 0.021              | 8.6      | 7913901 | 562971 | 568.76 | 10.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1311    |             |                    |                     |                     |                   | 0.07               | 0.004              | 8.7      | 7913910 | 562974 | 568.85 | 10.35 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1313    |             |                    |                     |                     |                   | 0.14               | 0.006              | 8.8      | 7913919 | 562978 | 569.5  | 11    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1400    |             |                    |                     |                     |                   | 0.12               | 0.041              | 9.3      | 7913860 | 562951 | 569.72 | 11.22 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1402    |             |                    |                     |                     |                   | 0.01               | 0.047              | 9.1      | 7913870 | 562954 | 569.7  | 11.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1404    |             |                    |                     |                     |                   | 0.18               | 0.082              | 8.9      | 7913879 | 562957 | 569.4  | 10.9  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1406    |             |                    |                     |                     |                   | 0.12               | 0.012              | 8.9      | 7913889 | 562961 | 569.27 | 10.77 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1408    |             |                    |                     |                     |                   | 0.2                | 0.03               | 9.1      | 7913898 | 562965 | 569.06 | 10.56 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1410    |             |                    |                     |                     |                   | 0.07               | 0.016              | 8.6      | 7913907 | 562968 | 568.75 | 10.25 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1412    |             |                    |                     |                     |                   | 0.07               | 0.006              | 8.8      | 7913916 | 562972 | 569.12 | 10.62 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1414    |             |                    |                     |                     |                   | 0.12               | 0.019              | 9        | 7913925 | 562976 | 569.53 | 11.03 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1501    |             |                    |                     |                     |                   | 0.25               | 0.063              | 8.8      | 7913867 | 562947 | 569.74 | 11.24 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1503    |             |                    |                     |                     |                   | 0.1                | 0.053              | 8.9      | 7913876 | 562951 | 569.42 | 10.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1505    |             |                    |                     |                     |                   | 0.14               | 0.021              | 8.6      | 7913886 | 562955 | 569.29 | 10.79 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1507    |             |                    |                     |                     |                   | 0.1                | 0.004              | 8.9      | 7913895 | 562959 | 569.31 | 10.81 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1509    |             |                    |                     |                     |                   | 0.14               | 0.003              | 8.9      | 7913904 | 562963 | 568.84 | 10.34 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1511    |             |                    |                     |                     |                   | 0.07               | 0.006              | 8.9      | 7913913 | 562966 | 569.15 | 10.65 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1513    |             |                    |                     |                     |                   | 0.12               | 0.022              | 8.6      | 7913923 | 562970 | 569.48 | 10.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1600    |             |                    |                     |                     |                   | 0.11               | 0.042              | 9.2      | 7913864 | 562941 | 569.76 | 11.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1602    |             |                    |                     |                     |                   | 0.05               | 0.058              | 8.9      | 7913873 | 562945 | 569.55 | 11.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1604    |             |                    |                     |                     |                   | 0.09               | 0.09               | 9.1      | 7913883 | 562948 | 569.26 | 10.76 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1606    |             |                    |                     |                     |                   | 0.1                | 0.007              | 8.5      | 7913892 | 562953 | 569.29 | 10.79 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1608    |             |                    |                     |                     |                   | 0.09               | 0.063              | 8.9      | 7913901 | 562957 | 569.25 | 10.75 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1610    |             |                    |                     |                     |                   | 0.06               | 0.106              | 8.8      | 7913911 | 562960 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1612    |             |                    |                     |                     |                   | 0.09               | 0.003              | 8.7      | 7913920 | 562964 | 569.23 | 10.73 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1614    |             |                    |                     |                     |                   | 0.15               | 0.017              | 8.8      | 7913929 | 562967 | 569.48 | 10.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1701    |             |                    |                     |                     |                   | 0.02               | 0.073              | 9.1      | 7913870 | 562939 | 569.71 | 11.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1703    |             |                    |                     |                     |                   | 0.07               | 0.095              | 8.6      | 7913879 | 562943 | 569.56 | 11.06 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1707    |             |                    |                     |                     |                   | 0.03               | 0.041              | 8.8      | 7913898 | 562950 | 569.34 | 10.84 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1709    |             |                    |                     |                     |                   | 0.07               | 0.045              | 9        | 7913908 | 562954 | 569.36 | 10.86 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1711    |             |                    |                     |                     |                   | 0.04               | 0.004              | 8.7      | 7913917 | 562958 | 569.42 | 10.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1713    |             |                    |                     |                     |                   | 0.07               | 0.009              | 8.7      | 7913926 | 562962 | 569.39 | 10.89 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1800    |             |                    |                     |                     |                   | 0.04               | 0.092              | 8.7      | 7913868 | 562933 | 570.11 | 11.61 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1802    |             |                    |                     |                     |                   | 0.05               | 0.018              | 9.3      | 7913876 | 562937 | 569.55 | 11.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1804    |             |                    |                     |                     |                   | 0.16               | 0.066              | 8.7      | 7913886 | 562940 | 569.54 | 11.04 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1806    |             |                    |                     |                     |                   | 0.08               | 0.026              | 8.4      | 7913895 | 562944 | 569.24 | 10.74 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1808    |             |                    |                     |                     |                   | 0.05               | 0.01               | 8.7      | 7913905 | 562948 | 569.44 | 10.94 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1810    |             |                    |                     |                     |                   | 0.1                | 0.004              | 9.2      | 7913915 | 562952 | 569.47 | 10.97 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1812    |             |                    |                     |                     |                   | 0.05               | 0.004              | 9        | 7913924 | 562956 | 569.51 | 11.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1901    |             |                    |                     |                     |                   | 0.01               | 0.041              | 9        | 7913875 | 562931 | 569.71 | 11.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1903    |             |                    |                     |                     |                   | 0.06               | 0.087              | 9.2      | 7913883 | 562935 | 569.73 | 11.23 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1905    |             |                    |                     |                     |                   | 0.19               | 0.116              | 8.9      | 7913892 | 562938 | 569.45 | 10.95 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1907    |             |                    |                     |                     |                   | 0.03               | 0.032              | 8.6      | 7913902 | 562942 | 569.37 | 10.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1909    |             |                    |                     |                     |                   | 0.07               | 0.018              | 8.9      | 7913911 | 562946 | 569.53 | 11.03 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1911    |             |                    |                     |                     |                   | 0.1                | 0.023              | 8.9      | 7913921 | 562950 | 569.6  | 11.1  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 1913    |             |                    |                     |                     |                   | 0.07               | 0.005              | 8.9      | 7913931 | 562953 | 569.67 | 11.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2002    |             |                    |                     |                     |                   | 0.01               | 0.019              | 9.3      | 7913879 | 562928 | 569.62 | 11.12 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2004    |             |                    |                     |                     |                   | 0.18               | 0.02               | 8.9      | 7913889 | 562932 | 569.51 | 11.01 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2006    |             |                    |                     |                     |                   | 0.26               | 0.097              | 9.2      | 7913898 | 562936 | 569.42 | 10.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2008    |             |                    |                     |                     |                   | 0.06               | 0.007              | 8.9      | 7913908 | 562940 | 569.41 | 10.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2010    |             |                    |                     |                     |                   | 0.08               | 0.006              | 9        | 7913917 | 562944 | 569.75 | 11.25 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2011    |             |                    |                     |                     |                   | 0.1                | 0.01               | 9.1      | 7913922 | 562945 | 569.82 | 11.32 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2012    |             |                    |                     |                     |                   | 0.08               | 0.156              | 9.1      | 7913927 | 562947 | 569.79 | 11.29 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2101    |             |                    |                     |                     |                   | 0.03               | 0.056              | 9.6      | 7913876 | 562922 | 569.69 | 11.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2103    |             |                    |                     |                     |                   | 0.07               | 0.022              | 8.1      | 7913887 | 562926 | 569.43 | 10.93 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 560   | N1_560_025 | 2105 D  |             |                    |                     |                     |                   | 0.19               | 0.108              | 9.2      | 7913896 | 562930 | 569.74 | 11.24 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2107    |             |                    |                     |                     |                   | 0.09               | 0.102              | 8.8      | 7913905 | 562934 | 569.28 | 10.78 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2109    |             |                    |                     |                     |                   | 0.14               | 0.044              | 8.9      | 7913914 | 562938 | 569.66 | 11.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2110    |             |                    |                     |                     |                   | 0.05               | 0.066              | 8.8      | 7913919 | 562939 | 569.99 | 11.49 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2111    |             |                    |                     |                     |                   | 0.11               | 0.076              | 9.1      | 7913924 | 562941 | 569.99 | 11.49 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2112    |             |                    |                     |                     |                   | 0.13               | 0.034              | 9.2      | 7913928 | 562943 | 570.07 | 11.57 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2113    |             |                    |                     |                     |                   | 0.11               | 0.019              | 9.1      | 7913933 | 562945 | 569.94 | 11.44 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2202    |             |                    |                     |                     |                   | 0.07               | 0.05               | 9.2      | 7913884 | 562920 | 569.31 | 10.81 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2204    |             |                    |                     |                     |                   | 0.2                | 0.03               | 8.7      | 7913893 | 562924 | 569.41 | 10.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2206    |             |                    |                     |                     |                   | 0.14               | 0.076              | 9        | 7913902 | 562928 | 569.3  | 10.8  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2208    |             |                    |                     |                     |                   | 0.04               | 0.065              | 8.7      | 7913911 | 562931 | 569.37 | 10.87 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2209    |             |                    |                     |                     |                   | 0.05               | 0.029              | 9.1      | 7913916 | 562933 | 569.7  | 11.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2210    |             |                    |                     |                     |                   | 0.06               | 0.028              | 8.7      | 7913921 | 562935 | 570.03 | 11.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2212 D  |             |                    |                     |                     |                   | 0.12               | 0.036              | 9.2      | 7913930 | 562939 | 570.01 | 11.51 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2301    |             |                    |                     |                     |                   | 0.1                | 0.091              | 9.3      | 7913880 | 562914 | 569.14 | 10.64 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2303    |             |                    |                     |                     |                   | 0.12               | 0.018              | 9.3      | 7913890 | 562918 | 569.21 | 10.71 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2305    |             |                    |                     |                     |                   | 0.23               | 0.03               | 8.7      | 7913899 | 562922 | 569.19 | 10.69 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2307    |             |                    |                     |                     |                   | 0.06               | 0.042              | 8.6      | 7913909 | 562925 | 569.34 | 10.84 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2309    |             |                    |                     |                     |                   | 0.09               | 0.076              | 9.1      | 7913918 | 562929 | 569.7  | 11.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2310    |             |                    |                     |                     |                   | 0.06               | 0.038              | 9        | 7913922 | 562931 | 569.89 | 11.39 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2311    |             |                    |                     |                     |                   | 0.11               | 0.027              | 9.2      | 7913927 | 562933 | 570.07 | 11.57 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 2313    |             |                    |                     |                     |                   | 0.15               | 0.008              | 9.4      | 7913937 | 562937 | 570.45 | 11.95 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 4000    |             |                    |                     |                     |                   | 0.04               | 0.008              | 9.4      | 7913874 | 562912 | 569.41 | 10.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 4002    |             |                    |                     |                     |                   | 0.01               | 0.01               | 9.1      | 7913869 | 562919 | 570    | 11.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 4004    |             |                    |                     |                     |                   | 0.01               | 0.016              | 9.4      | 7913864 | 562927 | 570.13 | 11.63 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 4006    |             |                    |                     |                     |                   | 0.22               | 0.026              | 9.2      | 7913860 | 562934 | 569.71 | 11.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 4008    |             |                    |                     |                     |                   | 0.04               | 0.027              | 9.1      | 7913856 | 562942 | 569.29 | 10.79 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 4010    |             |                    |                     |                     |                   | 0.07               | 0.006              | 8.4      | 7913853 | 562951 | 569.46 | 10.96 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 4012    |             |                    |                     |                     |                   | 0.04               | 0.02               | 8.2      | 7913850 | 562960 | 569.38 | 10.88 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 4101    |             |                    |                     |                     |                   | 0.06               | 0.006              | 9.4      | 7913873 | 562916 | 569.61 | 11.11 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 4103    |             |                    |                     |                     |                   | 0.06               | 0.011              | 9.1      | 7913869 | 562923 | 569.78 | 11.28 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 4105    |             |                    |                     |                     |                   | 0.01               | 0.047              | 9.1      | 7913864 | 562931 | 569.92 | 11.42 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 4107    |             |                    |                     |                     |                   | 0.08               | 0.049              | 9        | 7913859 | 562940 | 569.63 | 11.13 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 4109    |             |                    |                     |                     |                   | 0.07               | 0.018              | 9.3      | 7913856 | 562948 | 569.76 | 11.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 4111    |             |                    |                     |                     |                   | 0.04               | 0.069              | 8.8      | 7913853 | 562956 | 569.47 | 10.97 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_025 | 4113    |             |                    |                     |                     |                   | 0.09               | 0.027              | 8.6      | 7913850 | 562964 | 569.64 | 11.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 402     |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.5      | 7914037 | 563146 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 405     |             |                    |                     |                     |                   | 0.11               | 0.054              | 8.2      | 7914047 | 563147 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 408     |             |                    |                     |                     |                   | 0.15               | 0.062              | 8.2      | 7914057 | 563147 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 411     |             |                    |                     |                     |                   | 0.01               | 0.029              | 8.4      | 7914068 | 563147 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 510     |             |                    |                     |                     |                   | 0.03               | 0.005              | 8.1      | 7914064 | 563150 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 512     |             |                    |                     |                     |                   | 0.03               | 0.012              | 8.3      | 7914071 | 563151 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1500    |             |                    |                     |                     |                   | 0.06               | 0.122              | 8.6      | 7914049 | 563153 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 609     |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.4      | 7914060 | 563153 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1000    |             |                    |                     |                     |                   | 0.08               | 0.068              | 8.1      | 7914075 | 563146 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1009    |             |                    |                     |                     |                   | 0.18               | 0.178              | 8.2      | 7914111 | 563134 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1011    |             |                    |                     |                     |                   | 0.11               | 0.021              | 8.4      | 7914120 | 563137 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1013    |             |                    |                     |                     |                   | 0.15               | 0.052              | 8.4      | 7914129 | 563140 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1015    |             |                    |                     |                     |                   | 0.12               | 0.035              | 8.4      | 7914139 | 563143 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1017    |             |                    |                     |                     |                   | 0.3                | 0.148              | 8.2      | 7914149 | 563146 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1018    |             |                    |                     |                     |                   | 0.11               | 0.008              | 8.5      | 7914153 | 563148 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1019    |             |                    |                     |                     |                   | 0.03               | 0.004              | 8.4      | 7914158 | 563150 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1020    |             |                    |                     |                     |                   | 0.05               | 0.05               | 8.3      | 7914162 | 563152 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1024    |             |                    |                     |                     |                   | 0.08               | 0.102              | 8.4      | 7914177 | 563157 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1026    |             |                    |                     |                     |                   | 0.11               | 0.08               | 8.5      | 7914184 | 563159 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1028    |             |                    |                     |                     |                   | 0.1                | 0.142              | 8.3      | 7914190 | 563162 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1100    |             |                    |                     |                     |                   | 0.08               | 0.008              | 8.2      | 7914076 | 563149 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1101    |             |                    |                     |                     |                   | 0.17               | 0.018              | 8.2      | 7914080 | 563146 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1105    |             |                    |                     |                     |                   | 0.18               | 0.14               | 8.3      | 7914091 | 563130 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z     | DEPTH | LITHOLOGY       | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|-------|-------|-----------------|--------|
| 2021 | Pit      | 560   | N1_560_027 | 1106    |             |                    |                     |                     |                   | 0.03               | 0.194              | 8.2      | 7914095 | 563132 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1108    |             |                    |                     |                     |                   | 0.12               | 0.158              | 8.3      | 7914105 | 563135 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1110    |             |                    |                     |                     |                   | 0.14               | 0.026              | 8.3      | 7914114 | 563138 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1112    |             |                    |                     |                     |                   | 0.15               | 0.084              | 8.4      | 7914124 | 563141 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1114    |             |                    |                     |                     |                   | 0.18               | 0.06               | 8.3      | 7914133 | 563144 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1116    |             |                    |                     |                     |                   | 0.35               | 0.026              | 8.6      | 7914143 | 563147 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1118 D  |             |                    |                     |                     |                   | 0.07               | 0.003              | 8.5      | 7914152 | 563151 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1121    |             |                    |                     |                     |                   | 0.09               | 0.057              | 8.5      | 7914165 | 563155 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1125    |             |                    |                     |                     |                   | 0.08               | 0.085              | 8.3      | 7914179 | 563160 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1127    |             |                    |                     |                     |                   | 0.09               | 0.174              | 7.9      | 7914186 | 563163 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1129    |             |                    |                     |                     |                   | 0.09               | 0.1                | 8.2      | 7914193 | 563166 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1204    |             |                    |                     |                     |                   | 0.13               | 0.11               | 8.2      | 7914100 | 563138 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1206    |             |                    |                     |                     |                   | 0.12               | 0.058              | 8.1      | 7914110 | 563141 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1208    |             |                    |                     |                     |                   | 0.16               | 0.061              | 8.5      | 7914119 | 563144 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1210    |             |                    |                     |                     |                   | 0.14               | 0.08               | 8        | 7914129 | 563147 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1212    |             |                    |                     |                     |                   | 2.03               | 0.006              | 9        | 7914138 | 563151 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1214    |             |                    |                     |                     |                   | 0.07               | 0.031              | 8.4      | 7914148 | 563154 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1216    |             |                    |                     |                     |                   | 0.09               | 0.128              | 8.3      | 7914157 | 563157 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1220    |             |                    |                     |                     |                   | 0.08               | 0.18               | 8.4      | 7914173 | 563162 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1222    |             |                    |                     |                     |                   | 0.07               | 0.035              | 8.6      | 7914181 | 563165 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1224    |             |                    |                     |                     |                   | 0.25               | 0.091              | 8        | 7914188 | 563167 | 568.5 | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1303    |             |                    |                     |                     |                   | 0.07               | 0.11               | 8.2      | 7914094 | 563141 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1305    |             |                    |                     |                     |                   | 0.07               | 0.032              | 8.1      | 7914104 | 563144 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1307    |             |                    |                     |                     |                   | 0.09               | 0.072              | 8.4      | 7914113 | 563147 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1309    |             |                    |                     |                     |                   | 0.1                | 0.072              | 8.7      | 7914123 | 563150 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1311    |             |                    |                     |                     |                   | 0.08               | 0.016              | 8.5      | 7914132 | 563153 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1313    |             |                    |                     |                     |                   | 0.1                | 0.047              | 8.5      | 7914142 | 563156 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1315    |             |                    |                     |                     |                   | 0.06               | 0.02               | 8.5      | 7914151 | 563160 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1317    |             |                    |                     |                     |                   | 0.05               | 0.081              | 8.6      | 7914160 | 563163 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1319    |             |                    |                     |                     |                   | 0.05               | 0.099              | 8.5      | 7914168 | 563165 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1321    |             |                    |                     |                     |                   | 0.12               | 0.018              | 8.4      | 7914175 | 563168 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1323    |             |                    |                     |                     |                   | 0.16               | 0.024              | 8.4      | 7914183 | 563170 | 568.5 | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1402    |             |                    |                     |                     |                   | 0.01               | 0.008              | 8.6      | 7914088 | 563143 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1406    |             |                    |                     |                     |                   | 0.09               | 0.006              | 8.2      | 7914107 | 563150 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1408    |             |                    |                     |                     |                   | 0.12               | 0.012              | 8.4      | 7914117 | 563153 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1410    |             |                    |                     |                     |                   | 0.07               | 0.01               | 8.5      | 7914126 | 563156 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1412    |             |                    |                     |                     |                   | 0.07               | 0.012              | 8.6      | 7914136 | 563159 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1414    |             |                    |                     |                     |                   | 0.13               | 0.028              | 8.6      | 7914145 | 563162 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1416    |             |                    |                     |                     |                   | 0.11               | 0.009              | 8.4      | 7914154 | 563166 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1418    |             |                    |                     |                     |                   | 0.05               | 0.023              | 8.1      | 7914162 | 563168 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1420    |             |                    |                     |                     |                   | 0.2                | 0.056              | 8.2      | 7914170 | 563171 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1422    |             |                    |                     |                     |                   | 0.07               | 0.003              | 8.5      | 7914178 | 563173 | 568.5 | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1503    |             |                    |                     |                     |                   | 0.1                | 0.114              | 8.4      | 7914091 | 563149 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1505 D  |             |                    |                     |                     |                   | 0.11               | 0.079              | 8.1      | 7914101 | 563152 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1507    |             |                    |                     |                     |                   | 0.06               | 0.034              | 8.4      | 7914111 | 563155 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1509    |             |                    |                     |                     |                   | 0.1                | 0.082              | 8.5      | 7914121 | 563159 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1511    |             |                    |                     |                     |                   | 0.06               | 0.039              | 8.5      | 7914129 | 563162 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1513    |             |                    |                     |                     |                   | 0.18               | 0.05               | 8.4      | 7914139 | 563165 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1515    |             |                    |                     |                     |                   | 0.16               | 0.01               | 8.4      | 7914148 | 563168 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1517    |             |                    |                     |                     |                   | 0.22               | 0.005              | 8.5      | 7914157 | 563171 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1519    |             |                    |                     |                     |                   | 0.09               | 0.013              | 8.6      | 7914165 | 563174 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1602    |             |                    |                     |                     |                   | 0.09               | 0.011              | 8.4      | 7914085 | 563152 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1604    |             |                    |                     |                     |                   | 0.1                | 0.034              | 8.2      | 7914095 | 563155 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1606 D  |             |                    |                     |                     |                   | 0.14               | 0.174              | 8.4      | 7914104 | 563158 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1608    |             |                    |                     |                     |                   | 0.13               | 0.031              | 8.6      | 7914114 | 563161 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1610    |             |                    |                     |                     |                   | 0.1                | 0.04               | 8.5      | 7914123 | 563165 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1612    |             |                    |                     |                     |                   | 0.14               | 0.028              | 8.5      | 7914133 | 563168 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1614    |             |                    |                     |                     |                   | 0.2                | 0.031              | 8.6      | 7914142 | 563171 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1616    |             |                    |                     |                     |                   | 0.06               | 0.003              | 8.9      | 7914152 | 563174 | 569   | 10.5  | CHLORITE SCHIST | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 560   | N1_560_027 | 1620    |             |                    |                     |                     |                   | 0.05               | 0.003              | 9.1      | 7914167 | 563179 | 568.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1701    |             |                    |                     |                     |                   | 0.02               | 0.006              | 8.3      | 7914079 | 563154 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1703    |             |                    |                     |                     |                   | 0.12               | 0.007              | 8.1      | 7914089 | 563158 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1705    |             |                    |                     |                     |                   | 0.21               | 0.006              | 8.3      | 7914098 | 563161 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1707    |             |                    |                     |                     |                   | 0.1                | 0.044              | 8.5      | 7914108 | 563164 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1709    |             |                    |                     |                     |                   | 0.11               | 0.046              | 8.6      | 7914117 | 563167 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1711    |             |                    |                     |                     |                   | 0.09               | 0.081              | 8.5      | 7914127 | 563170 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1713    |             |                    |                     |                     |                   | 0.08               | 0.004              | 8.5      | 7914136 | 563173 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1800    |             |                    |                     |                     |                   | 0.01               | 0.007              | 8.3      | 7914073 | 563157 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1802    |             |                    |                     |                     |                   | 0.09               | 0.004              | 8.4      | 7914082 | 563160 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1804    |             |                    |                     |                     |                   | 0.14               | 0.009              | 8.3      | 7914092 | 563163 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1806    |             |                    |                     |                     |                   | 0.07               | 0.005              | 8.1      | 7914101 | 563166 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1808    |             |                    |                     |                     |                   | 0.04               | 0.033              | 8.5      | 7914111 | 563169 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1810    |             |                    |                     |                     |                   | 0.11               | 0.062              | 8.6      | 7914120 | 563172 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1812    |             |                    |                     |                     |                   | 0.08               | 0.02               | 8.2      | 7914130 | 563175 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 4103 D  |             |                    |                     |                     |                   | 0.1                | 0.01               | 8.2      | 7914086 | 563165 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 4105    |             |                    |                     |                     |                   | 0.14               | 0.006              | 7.7      | 7914095 | 563168 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 4109    |             |                    |                     |                     |                   | 0.15               | 0.004              | 8.6      | 7914114 | 563174 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 4111    |             |                    |                     |                     |                   | 0.14               | 0.008              | 8.6      | 7914124 | 563177 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 4124 D  |             |                    |                     |                     |                   | 0.06               | 0.003              | 7.9      | 7914183 | 563198 | 568.5  | 10    | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 1611    |             |                    |                     |                     |                   | 0.04               | 0.04               | 8.5      | 7914057 | 563157 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 7113    |             |                    |                     |                     |                   | 0.02               | 0.007              | 7.9      | 7914036 | 563157 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_027 | 7121    |             |                    |                     |                     |                   | 0.04               | 0.006              | 7.5      | 7914064 | 563157 | 569    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_028 | 402     |             |                    |                     |                     |                   | 0.16               | 0.004              | 8.6      | 7913858 | 562902 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_028 | 406     |             |                    |                     |                     |                   | 0.07               | 0.003              | 9        | 7913849 | 562913 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_028 | 410     |             |                    |                     |                     |                   | 0.19               | 0.036              | 8.7      | 7913844 | 562926 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_028 | 414     |             |                    |                     |                     |                   | 0.08               | 0.028              | 8.7      | 7913840 | 562940 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_028 | 418     |             |                    |                     |                     |                   | 0.11               | 0.019              | 8.4      | 7913836 | 562953 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_028 | 422     |             |                    |                     |                     |                   | 0.07               | 0.023              | 9        | 7913832 | 562966 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_028 | 426     |             |                    |                     |                     |                   | 0.13               | 0.016              | 8.9      | 7913828 | 562979 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_028 | 428     |             |                    |                     |                     |                   | 0.12               | 0.024              | 8        | 7913825 | 562986 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_028 | 500     |             |                    |                     |                     |                   | 0.07               | 0.003              | 9.1      | 7913866 | 562899 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_028 | 504     |             |                    |                     |                     |                   | 0.09               | 0.003              | 9        | 7913855 | 562908 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_028 | 508     |             |                    |                     |                     |                   | 0.04               | 0.017              | 8.9      | 7913849 | 562921 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_028 | 512     | 1           | 10                 | 6.6                 | 3                   | 1.52              | 0.04               | 0.166              | 8.4      | 7913845 | 562935 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_028 | 516     |             |                    |                     |                     |                   | 0.03               | 0.009              | 9.5      | 7913842 | 562947 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_028 | 519     |             |                    |                     |                     |                   | 0.07               | 0.024              | 9.1      | 7913838 | 562957 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_028 | 528     |             |                    |                     |                     |                   | 0.02               | 0.004              | 8.6      | 7913828 | 562987 | 569    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1004    |             |                    |                     |                     |                   | 0.51               | 0.007              | 8.6      | 7914416 | 563196 | 570.09 | 11.59 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1010    |             |                    |                     |                     |                   | 0.53               | 0.058              | 7.4      | 7914391 | 563184 | 570.35 | 11.85 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1012    |             |                    |                     |                     |                   | 1.15               | 0.054              | 7.3      | 7914383 | 563180 | 570.06 | 11.56 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1105    |             |                    |                     |                     |                   | 0.29               | 0.018              | 8.3      | 7914410 | 563198 | 570.41 | 11.91 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1107    |             |                    |                     |                     |                   | 0.08               | 0.017              | 7.8      | 7914402 | 563194 | 570.31 | 11.81 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1115 D  |             |                    |                     |                     |                   | 0.97               | 0.117              | 8.3      | 7914369 | 563178 | 570.68 | 12.18 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1117    |             |                    |                     |                     |                   | 1.11               | 0.146              | 8.5      | 7914362 | 563175 | 570.68 | 12.18 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1200    |             |                    |                     |                     |                   | 0.06               | 0.019              | 7.9      | 7914428 | 563212 | 570.47 | 11.97 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1202    |             |                    |                     |                     |                   | 0.07               | 0.021              | 8.1      | 7914420 | 563208 | 570.16 | 11.66 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1204 D  |             |                    |                     |                     |                   | 0.14               | 0.015              | 8.3      | 7914412 | 563204 | 570.2  | 11.7  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1206    |             |                    |                     |                     |                   | 0.08               | 0.01               | 8.3      | 7914404 | 563200 | 570.36 | 11.86 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1208    |             |                    |                     |                     |                   | 0.1                | 0.012              | 7.9      | 7914396 | 563196 | 570.3  | 11.8  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1210    |             |                    |                     |                     |                   | 0.16               | 0.053              | 7.1      | 7914388 | 563192 | 570.12 | 11.62 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1216    |             |                    |                     |                     |                   | 0.66               | 0.089              | 8.5      | 7914363 | 563181 | 570.72 | 12.22 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1218    |             |                    |                     |                     |                   | 0.14               | 0.115              | 7.5      | 7914355 | 563177 | 570.65 | 12.15 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1301    |             |                    |                     |                     |                   | 0.07               | 0.016              | 7.9      | 7914422 | 563214 | 570.49 | 11.99 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1303    |             |                    |                     |                     |                   | 0.07               | 0.004              | 8.1      | 7914414 | 563210 | 570.14 | 11.64 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1305    |             |                    |                     |                     |                   | 0.08               | 0.008              | 8        | 7914406 | 563206 | 570.32 | 11.82 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1307    |             |                    |                     |                     |                   | 0.06               | 0.009              | 8        | 7914398 | 563202 | 570.32 | 11.82 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1309    |             |                    |                     |                     |                   | 0.01               | 0.01               | 8        | 7914390 | 563198 | 570.46 | 11.96 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1311    |             |                    |                     |                     |                   | 0.07               | 0.021              | 8.1      | 7914382 | 563195 | 570.34 | 11.84 | CHLORITE SCHIST           | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY       | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|-----------------|--------|
| 2021 | Pit      | 560   | N1_560_029 | 1313    |             |                    |                     |                     |                   | 0.07               | 0.036              | 7.7      | 7914374 | 563191 | 570.39 | 11.89 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1319    |             |                    |                     |                     |                   | 0.17               | 0.099              | 7.7      | 7914349 | 563179 | 570.26 | 11.76 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1321    |             |                    |                     |                     |                   | 0.91               | 0.144              | 7.4      | 7914341 | 563175 | 570.47 | 11.97 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1402    |             |                    |                     |                     |                   | 0.03               | 0.003              | 8.2      | 7914416 | 563216 | 570.3  | 11.8  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1404    |             |                    |                     |                     |                   | 0.05               | 0.003              | 8.1      | 7914408 | 563212 | 570.26 | 11.76 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1406    |             |                    |                     |                     |                   | 0.1                | 0.008              | 8.3      | 7914400 | 563208 | 570.37 | 11.87 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1408    |             |                    |                     |                     |                   | 0.07               | 0.007              | 8        | 7914392 | 563204 | 570.45 | 11.95 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1410    |             |                    |                     |                     |                   | 0.12               | 0.012              | 8.1      | 7914383 | 563201 | 570.59 | 12.09 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1412    |             |                    |                     |                     |                   | 0.17               | 0.003              | 8.4      | 7914375 | 563197 | 570.71 | 12.21 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1414    |             |                    |                     |                     |                   | 0.1                | 0.027              | 8.2      | 7914368 | 563193 | 570.63 | 12.13 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1416    |             |                    |                     |                     |                   | 0.08               | 0.046              | 8        | 7914359 | 563189 | 570.78 | 12.28 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1418    |             |                    |                     |                     |                   | 0.1                | 0.035              | 7.9      | 7914351 | 563185 | 570.51 | 12.01 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1420    |             |                    |                     |                     |                   | 0.17               | 0.161              | 7.3      | 7914343 | 563181 | 570.47 | 11.97 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1501    |             |                    |                     |                     |                   | 0.06               | 0.003              | 8.2      | 7914419 | 563222 | 570.18 | 11.68 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1503    |             |                    |                     |                     |                   | 0.07               | 0.003              | 8.1      | 7914410 | 563218 | 570.32 | 11.82 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1505    |             |                    |                     |                     |                   | 0.11               | 0.003              | 8        | 7914402 | 563214 | 570.44 | 11.94 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1507    |             |                    |                     |                     |                   | 0.1                | 0.003              | 8.3      | 7914394 | 563210 | 570.64 | 12.14 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1509    |             |                    |                     |                     |                   | 0.14               | 0.006              | 8.2      | 7914386 | 563206 | 570.67 | 12.17 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1511    |             |                    |                     |                     |                   | 0.1                | 0.008              | 8.5      | 7914378 | 563203 | 570.59 | 12.09 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1513    |             |                    |                     |                     |                   | 0.07               | 0.003              | 8.4      | 7914370 | 563199 | 570.66 | 12.16 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1515 D  |             |                    |                     |                     |                   | 0.23               | 0.015              | 8.2      | 7914362 | 563195 | 570.77 | 12.27 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1517    |             |                    |                     |                     |                   | 0.11               | 0.02               | 8.2      | 7914354 | 563191 | 570.52 | 12.02 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1519    |             |                    |                     |                     |                   | 0.07               | 0.028              | 8.1      | 7914345 | 563187 | 570.33 | 11.83 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1521    |             |                    |                     |                     |                   | 0.15               | 0.053              | 8        | 7914337 | 563183 | 570.58 | 12.08 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1600    |             |                    |                     |                     |                   | 0.12               | 0.003              | 8.4      | 7914421 | 563228 | 570.25 | 11.75 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1602    |             |                    |                     |                     |                   | 0.13               | 0.003              | 8.5      | 7914413 | 563224 | 570.14 | 11.64 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1604    |             |                    |                     |                     |                   | 0.06               | 0.003              | 8.6      | 7914404 | 563220 | 570.2  | 11.7  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1606    |             |                    |                     |                     |                   | 0.07               | 0.003              | 8.2      | 7914396 | 563216 | 570.52 | 12.02 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1608 D  |             |                    |                     |                     |                   | 0.05               | 0.003              | 8.3      | 7914388 | 563212 | 570.5  | 12    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1610    |             |                    |                     |                     |                   | 0.06               | 0.057              | 8        | 7914380 | 563209 | 570.73 | 12.23 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1612    |             |                    |                     |                     |                   | 0.07               | 0.003              | 8.5      | 7914372 | 563205 | 570.66 | 12.16 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1614    |             |                    |                     |                     |                   | 0.12               | 0.003              | 8.4      | 7914364 | 563201 | 570.72 | 12.22 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1616    |             |                    |                     |                     |                   | 0.15               | 0.03               | 8.6      | 7914356 | 563197 | 570.46 | 11.96 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1618    |             |                    |                     |                     |                   | 0.11               | 0.088              | 7.5      | 7914348 | 563193 | 570.43 | 11.93 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1620    |             |                    |                     |                     |                   | 0.09               | 0.034              | 8.1      | 7914339 | 563189 | 570.46 | 11.96 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1701    |             |                    |                     |                     |                   | 0.08               | 0.003              | 8.5      | 7914415 | 563230 | 570.27 | 11.77 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1703    |             |                    |                     |                     |                   | 0.07               | 0.003              | 8.5      | 7914407 | 563226 | 570.2  | 11.7  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1705    |             |                    |                     |                     |                   | 0.1                | 0.003              | 8.1      | 7914399 | 563222 | 570.25 | 11.75 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1707    |             |                    |                     |                     |                   | 0.08               | 0.003              | 8.5      | 7914390 | 563219 | 569.99 | 11.49 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1709    |             |                    |                     |                     |                   | 0.09               | 0.003              | 8.5      | 7914382 | 563215 | 570.74 | 12.24 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1711    |             |                    |                     |                     |                   | 0.09               | 0.003              | 8.6      | 7914374 | 563211 | 570.84 | 12.34 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1713    |             |                    |                     |                     |                   | 0.11               | 0.003              | 8.6      | 7914366 | 563207 | 570.82 | 12.32 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1715    |             |                    |                     |                     |                   | 0.13               | 0.01               | 8.7      | 7914358 | 563203 | 570.68 | 12.18 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1717    |             |                    |                     |                     |                   | 0.12               | 0.016              | 8.2      | 7914350 | 563199 | 570.38 | 11.88 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1719    |             |                    |                     |                     |                   | 0.08               | 0.011              | 7.6      | 7914342 | 563195 | 570.44 | 11.93 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1721    |             |                    |                     |                     |                   | 0.06               | 0.061              | 8.4      | 7914333 | 563192 | 570.78 | 12.28 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1800    |             |                    |                     |                     |                   | 0.09               | 0.006              | 8.5      | 7914417 | 563236 | 570.65 | 12.15 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1802    |             |                    |                     |                     |                   | 0.06               | 0.003              | 7.7      | 7914409 | 563232 | 570.44 | 11.94 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1804    |             |                    |                     |                     |                   | 0.2                | 0.008              | 8.2      | 7914401 | 563228 | 570.44 | 11.94 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1806    |             |                    |                     |                     |                   | 0.06               | 0.004              | 8.6      | 7914392 | 563224 | 570.42 | 11.92 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1808    |             |                    |                     |                     |                   | 0.12               | 0.004              | 8.7      | 7914384 | 563221 | 570.64 | 12.14 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1810    |             |                    |                     |                     |                   | 0.08               | 0.022              | 7.9      | 7914376 | 563217 | 570.98 | 12.48 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1812    |             |                    |                     |                     |                   | 0.1                | 0.003              | 8.6      | 7914368 | 563213 | 570.77 | 12.27 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1814    |             |                    |                     |                     |                   | 0.11               | 0.003              | 8.6      | 7914360 | 563209 | 570.75 | 12.25 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1816    |             |                    |                     |                     |                   | 0.14               | 0.031              | 8.6      | 7914352 | 563205 | 570.31 | 11.81 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1818    |             |                    |                     |                     |                   | 0.11               | 0.038              | 8.5      | 7914344 | 563201 | 570.4  | 11.9  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1820    |             |                    |                     |                     |                   | 0.1                | 0.025              | 8.5      | 7914335 | 563198 | 570.41 | 11.91 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1905    |             |                    |                     |                     |                   | 0.07               | 0.006              | 8.5      | 7914395 | 563230 | 570.36 | 11.86 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1907    |             |                    |                     |                     |                   | 0.06               | 0.008              | 8.5      | 7914387 | 563226 | 570.51 | 12.01 | CHLORITE SCHIST | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY       | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|-----------------|--------|
| 2021 | Pit      | 560   | N1_560_029 | 1909    |             |                    |                     |                     |                   | 0.06               | 0.026              | 8.4      | 7914378 | 563223 | 570.71 | 12.21 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1911 D  |             |                    |                     |                     |                   | 0.08               | 0.003              | 8.6      | 7914370 | 563219 | 570.82 | 12.32 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1913 D  |             |                    |                     |                     |                   | 0.08               | 0.003              | 8.6      | 7914362 | 563215 | 570.59 | 12.09 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1915    |             |                    |                     |                     |                   | 0.12               | 0.003              | 8.6      | 7914354 | 563211 | 570.35 | 11.85 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1917    |             |                    |                     |                     |                   | 0.13               | 0.072              | 8.3      | 7914346 | 563207 | 570.37 | 11.87 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1919    |             |                    |                     |                     |                   | 0.13               | 0.098              | 8.4      | 7914338 | 563203 | 570.4  | 11.9  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_029 | 1921    |             |                    |                     |                     |                   | 0.1                | 0.054              | 8.5      | 7914330 | 563200 | 570.52 | 12.02 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_031 | 1000    |             |                    |                     |                     |                   | 0.06               | 0.005              | 7.6      | 7914188 | 563205 | 569.67 | 11.17 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_031 | 1011    |             |                    |                     |                     |                   | 0.01               | 0.074              | 8.1      | 7914204 | 563165 | 570.39 | 11.89 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_031 | 1013    |             |                    |                     |                     |                   | 0.11               | 0.028              | 7.9      | 7914213 | 563167 | 570.38 | 11.88 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_031 | 1015    |             |                    |                     |                     |                   | 0.1                | 0.013              | 7.2      | 7914222 | 563170 | 570.61 | 12.11 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_031 | 1017    |             |                    |                     |                     |                   | 0.08               | 0.056              | 7.9      | 7914231 | 563172 | 570.48 | 11.98 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_031 | 1019    |             |                    |                     |                     |                   | 0.01               | 0.01               | 8.3      | 7914240 | 563172 | 570.87 | 12.37 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_031 | 1101    |             |                    |                     |                     |                   | 0.08               | 0.003              | 7.6      | 7914192 | 563203 | 569.81 | 11.31 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_031 | 1600    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.7      | 7914223 | 563176 | 570.7  | 12.2  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_031 | 1701    |             |                    |                     |                     |                   | 0.01               | 0.003              | 7.2      | 7914226 | 563181 | 570.74 | 12.24 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_031 | 1901    |             |                    |                     |                     |                   | 0.04               | 0.004              | 8.3      | 7914235 | 563183 | 570.59 | 12.09 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_031 | 1909    |             |                    |                     |                     |                   | 0.04               | 0.003              | 8.2      | 7914226 | 563215 | 570.07 | 11.57 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_031 | 2000    |             |                    |                     |                     |                   | 0.01               | 0.005              | 8.2      | 7914240 | 563179 | 570.75 | 12.25 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_031 | 2008    |             |                    |                     |                     |                   | 0.12               | 0.003              | 8.5      | 7914231 | 563212 | 570.2  | 11.7  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_031 | 4006    |             |                    |                     |                     |                   | 0.09               | 0.003              | 7.9      | 7914218 | 563218 | 569.83 | 11.33 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_031 | 4008    |             |                    |                     |                     |                   | 0.13               | 0.003              | 8.2      | 7914225 | 563221 | 569.51 | 11.01 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_031 | 4107    |             |                    |                     |                     |                   | 0.06               | 0.003              | 8        | 7914222 | 563218 | 569.83 | 11.33 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_032 | 1307    |             |                    |                     |                     |                   |                    | 0.003              | 8.2      | 7914207 | 563221 | 570    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_032 | 1408    |             |                    |                     |                     |                   |                    | 0.003              | 8.5      | 7914201 | 563225 | 570    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_032 | 1501    |             |                    |                     |                     |                   |                    | 0.012              | 8.6      | 7914228 | 563236 | 570    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_032 | 1503    |             |                    |                     |                     |                   |                    | 0.005              | 8.3      | 7914220 | 563233 | 570    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_032 | 1507    |             |                    |                     |                     |                   |                    | 0.005              | 8.4      | 7914204 | 563231 | 570    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_032 | 1509    |             |                    |                     |                     |                   |                    | 0.004              | 8.3      | 7914196 | 563228 | 570    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_032 | 1511    |             |                    |                     |                     |                   |                    | 0.003              | 8.2      | 7914189 | 563226 | 570    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_032 | 1513    |             |                    |                     |                     |                   |                    | 0.004              | 7.8      | 7914182 | 563223 | 570    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_032 | 1515    |             |                    |                     |                     |                   |                    | 0.009              | 7.8      | 7914173 | 563221 | 570    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_032 | 1517    |             |                    |                     |                     |                   |                    | 0.005              | 7.6      | 7914165 | 563219 | 570    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_032 | 1604    |             |                    |                     |                     |                   |                    | 0.011              | 8.7      | 7914215 | 563236 | 570    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 206     |             |                    |                     |                     |                   |                    | 0.176              | 7.9      | 7914267 | 563135 | 571.74 | 13.24 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 208     |             |                    |                     |                     |                   |                    | 0.026              | 7.8      | 7914268 | 563143 | 571.82 | 13.32 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 210     |             |                    |                     |                     |                   |                    | 0.078              | 8.4      | 7914267 | 563149 | 571.91 | 13.41 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 212     |             |                    |                     |                     |                   |                    | 0.026              | 8.4      | 7914267 | 563157 | 571.77 | 13.27 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 215     |             |                    |                     |                     |                   |                    | 0.054              | 8.7      | 7914265 | 563168 | 571.34 | 12.84 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 217     |             |                    |                     |                     |                   |                    | 0.134              | 8.6      | 7914263 | 563176 | 571.2  | 12.7  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 221     |             |                    |                     |                     |                   |                    | 0.003              | 7.8      | 7914261 | 563190 | 570.55 | 12.05 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 232     |             |                    |                     |                     |                   |                    | 0.009              | 8.6      | 7914256 | 563230 | 568.02 | 9.52  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 303     |             |                    |                     |                     |                   |                    | 0.142              | 8        | 7914263 | 563133 | 571.82 | 13.32 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 304     |             |                    |                     |                     |                   |                    | 0.071              | 7.6      | 7914264 | 563138 | 571.71 | 13.21 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 305     |             |                    |                     |                     |                   |                    | 0.024              | 8.2      | 7914265 | 563142 | 571.81 | 13.31 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 307     |             |                    |                     |                     |                   |                    | 0.128              | 8.2      | 7914263 | 563152 | 571.77 | 13.27 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 309     |             |                    |                     |                     |                   |                    | 0.024              | 8.5      | 7914263 | 563162 | 571.51 | 13.01 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 311     |             |                    |                     |                     |                   |                    | 0.138              | 8.6      | 7914261 | 563172 | 571.13 | 12.63 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 316     |             |                    |                     |                     |                   |                    | 0.009              | 8        | 7914257 | 563196 | 570.7  | 12.2  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 318     |             |                    |                     |                     |                   |                    | 0.005              | 8.1      | 7914255 | 563205 | 570.32 | 11.82 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 320     |             |                    |                     |                     |                   |                    | 0.008              | 8        | 7914255 | 563214 | 569.07 | 10.57 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1000    |             |                    |                     |                     |                   |                    | 0.16               | 8.4      | 7914260 | 563125 | 571.86 | 13.36 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1002    |             |                    |                     |                     |                   |                    | 0.09               | 7.8      | 7914257 | 563135 | 571.99 | 13.49 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1006    |             |                    |                     |                     |                   |                    | 0.031              | 8.4      | 7914252 | 563152 | 571.88 | 13.38 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1008    |             |                    |                     |                     |                   |                    | 0.041              | 8.6      | 7914249 | 563162 | 571.58 | 13.08 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1016    |             |                    |                     |                     |                   |                    | 0.003              | 8.2      | 7914242 | 563200 | 570.33 | 11.83 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1018    |             |                    |                     |                     |                   |                    | 0.003              | 8.7      | 7914240 | 563210 | 570    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1020    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7914238 | 563220 | 569.96 | 11.46 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1103    |             |                    |                     |                     |                   |                    | 0.12               | 8        | 7914258 | 563139 | 571.91 | 13.41 | CHLORITE SCHIST | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 560   | N1_560_033 | 1105    |             |                    |                     |                     |                   |                    | 0.136              | 8.5      | 7914255 | 563148 | 571.9  | 13.4  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1107    |             |                    |                     |                     |                   |                    | 0.034              | 8.4      | 7914253 | 563158 | 571.61 | 13.11 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1109    |             |                    |                     |                     |                   |                    | 0.046              | 8.5      | 7914251 | 563168 | 571.38 | 12.88 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1117    |             |                    |                     |                     |                   |                    | 0.003              | 8.4      | 7914243 | 563206 | 570.22 | 11.72 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1121    |             |                    |                     |                     |                   |                    | 0.004              | 8.5      | 7914239 | 563225 | 569.82 | 11.32 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1122    |             |                    |                     |                     |                   |                    | 0.004              | 8.7      | 7914239 | 563229 | 569.8  | 11.3  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1201    |             |                    |                     |                     |                   |                    | 0.038              | 8.4      | 7914261 | 563144 | 571.83 | 13.33 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1202    |             |                    |                     |                     |                   |                    | 0.106              | 8.5      | 7914260 | 563149 | 572.01 | 13.51 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1203    |             |                    |                     |                     |                   |                    | 0.082              | 8.6      | 7914260 | 563155 | 571.62 | 13.12 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1207    |             |                    |                     |                     |                   |                    | 0.01               | 8.5      | 7914256 | 563176 | 571.06 | 12.56 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1214    |             |                    |                     |                     |                   |                    | 0.004              | 8.9      | 7914251 | 563210 | 570.37 | 11.87 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1216    |             |                    |                     |                     |                   |                    | 0.007              | 8.4      | 7914250 | 563220 | 570.9  | 12.4  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1218    |             |                    |                     |                     |                   |                    | 0.005              | 8.1      | 7914249 | 563231 | 569.15 | 10.65 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1303    |             |                    |                     |                     |                   |                    | 0.03               | 8.4      | 7914256 | 563156 | 571.73 | 13.23 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1306    |             |                    |                     |                     |                   |                    | 0.131              | 8.3      | 7914254 | 563171 | 571.17 | 12.67 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1313    |             |                    |                     |                     |                   |                    | 0.012              | 8.5      | 7914248 | 563204 | 570.38 | 11.88 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1315    |             |                    |                     |                     |                   |                    | 0.018              | 8        | 7914246 | 563214 | 570.55 | 12.05 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1317    |             |                    |                     |                     |                   |                    | 0.008              | 8.5      | 7914246 | 563224 | 570.07 | 11.57 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1416    |             |                    |                     |                     |                   |                    | 0.012              | 8.5      | 7914243 | 563222 | 570.03 | 11.53 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 560   | N1_560_033 | 1418    |             |                    |                     |                     |                   |                    | 0.015              | 8.6      | 7914242 | 563231 | 569.69 | 11.18 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_024 | 1047    |             |                    |                     |                     |                   | 0.06               | 0.025              | 8.6      | 7914100 | 563152 | 579    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_024 | 1053    |             |                    |                     |                     |                   | 0.06               | 0.016              | 8.3      | 7914080 | 563148 | 579    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_024 | 1059    |             |                    |                     |                     |                   | 0.08               | 0.016              | 8.4      | 7914059 | 563147 | 579    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_024 | 1103    |             |                    |                     |                     |                   |                    | 0.008              |          | 7914240 | 563208 | 579    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_024 | 1141    |             |                    |                     |                     |                   | 0.07               | 0.007              | 9.2      | 7914118 | 563162 | 579    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_024 | 1156    |             |                    |                     |                     |                   | 0.06               | 0.023              | 8.2      | 7914069 | 563151 | 579    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_024 | 1165    |             |                    |                     |                     |                   | 0.08               | 0.024              | 8.2      | 7914038 | 563148 | 579    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_024 | 1168    |             |                    |                     |                     |                   | 0.22               | 0.014              | 8.7      | 7914028 | 563149 | 579    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_024 | 1175    |             |                    |                     |                     |                   | 0.07               | 0.02               | 8.5      | 7914003 | 563151 | 579    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_024 | 1200    |             |                    |                     |                     |                   | 0.17               | 0.011              | 8.5      | 7914250 | 563214 | 579    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_024 | 1209    |             |                    |                     |                     |                   | 0.17               | 0.01               | 8.6      | 7914219 | 563204 | 579    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_024 | 1239    |             |                    |                     |                     |                   | 0.07               | 0.023              | 8.7      | 7914121 | 563172 | 579    | 10.5  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 201     |             |                    |                     |                     |                   | 0.07               | 0.028              | 8.8      | 7913969 | 562923 | 580.03 | 11.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 203     |             |                    |                     |                     |                   | 0.08               | 0.038              | 9.2      | 7913963 | 562920 | 580.03 | 11.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 206     |             |                    |                     |                     |                   | 0.06               | 0.007              | 9.6      | 7913952 | 562916 | 580.03 | 11.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 208     |             |                    |                     |                     |                   | 0.06               | 0.057              | 9.5      | 7913945 | 562913 | 580.03 | 11.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 216     |             |                    |                     |                     |                   |                    | 0.013              | 9        | 7913918 | 562902 | 580.04 | 11.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 303     |             |                    |                     |                     |                   | 0.13               | 0.06               | 9.4      | 7913958 | 562921 | 580.03 | 11.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 309     |             |                    |                     |                     |                   |                    | 0.028              | 9.3      | 7913931 | 562910 | 580.04 | 11.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 310     |             |                    |                     |                     |                   |                    | 0.109              | 8.8      | 7913926 | 562908 | 580.04 | 11.54 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1006    |             |                    |                     |                     |                   | 0.06               | 0.004              | 8.8      | 7913954 | 562953 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1010    |             |                    |                     |                     |                   | 0.37               | 0.108              | 9.3      | 7913945 | 562969 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1012    |             |                    |                     |                     |                   | 0.05               | 0.003              | 9        | 7913941 | 562977 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1016    |             |                    |                     |                     |                   | 0.09               | 0.003              | 9.3      | 7913934 | 562993 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1030    |             |                    |                     |                     |                   | 0.12               | 0.011              | 9.3      | 7913902 | 563046 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1034    |             |                    |                     |                     |                   | 0.11               | 0.017              | 9.1      | 7913896 | 563062 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1036    |             |                    |                     |                     |                   | 0.17               | 0.036              | 9.2      | 7913888 | 563068 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1038    |             |                    |                     |                     |                   | 0.17               | 0.008              | 9.6      | 7913880 | 563071 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1040    |             |                    |                     |                     |                   | 0.1                | 0.004              | 9.2      | 7913872 | 563074 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1042    |             |                    |                     |                     |                   | 0.11               | 0.006              | 8.8      | 7913865 | 563078 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1103    |             |                    |                     |                     |                   | 0.05               | 0.052              | 9.3      | 7913959 | 562941 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1301    |             |                    |                     |                     |                   | 0.05               | 0.027              | 9.5      | 7913960 | 562932 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1303    |             |                    |                     |                     |                   | 0.04               | 0.006              | 9.5      | 7913955 | 562940 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1309    |             |                    |                     |                     |                   | 0.09               | 0.003              | 8.7      | 7913940 | 562965 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1311    |             |                    |                     |                     |                   | 0.12               | 0.054              | 8.9      | 7913935 | 562973 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1315    |             |                    |                     |                     |                   | 0.06               | 0.054              | 9.1      | 7913928 | 562990 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1317    |             |                    |                     |                     |                   | 0.06               | 0.01               | 9        | 7913923 | 562999 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1321    |             |                    |                     |                     |                   | 0.07               | 0.015              | 9.6      | 7913914 | 563015 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1323    |             |                    |                     |                     |                   | 0.02               | 0.14               | 9.3      | 7913909 | 563023 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z   | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|-----|-------|---------------------------|--------|
| 2021 | Pit      | 570   | N1_570_031 | 1325    |             |                    |                     |                     |                   | 0.09               | 0.057              | 9.2      | 7913903 | 563031 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1327    |             |                    |                     |                     |                   |                    | 0.026              | 8.9      | 7913899 | 563039 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1410    |             |                    |                     |                     |                   | 0.15               | 0.006              | 9.4      | 7913934 | 562967 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1412    |             |                    |                     |                     |                   | 0.16               | 0.003              | 9        | 7913931 | 562976 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1416    |             |                    |                     |                     |                   | 0.12               | 0.003              | 9.2      | 7913922 | 562992 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1420    |             |                    |                     |                     |                   | 0.03               | 0.01               | 8.8      | 7913913 | 563009 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1422    |             |                    |                     |                     |                   | 0.19               | 0.015              | 8.8      | 7913908 | 563017 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1434    |             |                    |                     |                     |                   | 0.18               | 0.039              | 9.5      | 7913880 | 563064 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1505    |             |                    |                     |                     |                   | 0.18               | 0.014              | 8.9      | 7913943 | 562944 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1511    |             |                    |                     |                     |                   | 0.23               | 0.017              | 9.2      | 7913929 | 562969 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1513    |             |                    |                     |                     |                   | 0.1                | 0.004              | 9        | 7913925 | 562978 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1515    |             |                    |                     |                     |                   | 0.18               | 0.004              | 8.9      | 7913920 | 562986 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1517    |             |                    |                     |                     |                   | 0.11               | 0.012              | 9.3      | 7913915 | 562994 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1519    |             |                    |                     |                     |                   | 0.03               | 0.009              | 9        | 7913911 | 563003 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1521    |             |                    |                     |                     |                   | 0.16               | 0.006              | 9.3      | 7913906 | 563011 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1523    |             |                    |                     |                     |                   | 0.11               | 0.003              | 8.6      | 7913901 | 563019 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1602    |             |                    |                     |                     |                   | 0.08               | 0.003              | 9.4      | 7913945 | 562930 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1604    |             |                    |                     |                     |                   | 0.06               | 0.032              | 9.4      | 7913941 | 562938 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1610    |             |                    |                     |                     |                   | 0.14               | 0.016              | 8.9      | 7913927 | 562963 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1614    |             |                    |                     |                     |                   | 0.13               | 0.003              | 8.9      | 7913918 | 562980 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1624    |             |                    |                     |                     |                   |                    | 0.003              | 8.9      | 7913895 | 563021 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1626    |             |                    |                     |                     |                   |                    | 0.003              | 9        | 7913891 | 563030 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1628    |             |                    |                     |                     |                   | 0.1                | 0.019              | 8.8      | 7913886 | 563038 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1634    |             |                    |                     |                     |                   | 0.15               | 0.031              | 8.9      | 7913873 | 563063 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1636    |             |                    |                     |                     |                   | 0.05               | 0.004              | 9.2      | 7913867 | 563070 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1701    |             |                    |                     |                     |                   | 0.05               | 0.003              | 9.3      | 7913943 | 562924 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1705    |             |                    |                     |                     |                   |                    | 0.003              | 9.3      | 7913934 | 562940 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1707    |             |                    |                     |                     |                   | 0.17               | 0.028              | 8.6      | 7913930 | 562948 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1709    |             |                    |                     |                     |                   | 0.16               | 0.033              | 9        | 7913925 | 562956 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1711    |             |                    |                     |                     |                   | 0.02               | 0.003              | 8.3      | 7913921 | 562965 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1713    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.2      | 7913916 | 562973 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1715    |             |                    |                     |                     |                   | 0.01               | 0.089              | 8.6      | 7913912 | 562981 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1717    |             |                    |                     |                     |                   | 0.17               | 0.004              | 8.7      | 7913907 | 562990 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1719    |             |                    |                     |                     |                   | 0.13               | 0.02               | 9        | 7913903 | 562998 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1723    |             |                    |                     |                     |                   |                    | 0.024              | 9.2      | 7913893 | 563015 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1727    |             |                    |                     |                     |                   | 0.15               | 0.006              | 9.3      | 7913884 | 563031 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1729    |             |                    |                     |                     |                   | 0.14               | 0.007              | 9.5      | 7913880 | 563040 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1731    |             |                    |                     |                     |                   | 0.11               | 0.042              | 9.7      | 7913875 | 563048 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1735    |             |                    |                     |                     |                   | 0.04               | 0.027              | 8        | 7913866 | 563065 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1737    |             |                    |                     |                     |                   | 0.24               | 0.012              | 8.8      | 7913860 | 563073 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1800    |             |                    |                     |                     |                   | 0.12               | 0.01               | 9.5      | 7913941 | 562919 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1802    |             |                    |                     |                     |                   | 0.14               | 0.04               | 9.5      | 7913937 | 562925 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1804    |             |                    |                     |                     |                   | 0.03               | 0.009              | 9.7      | 7913933 | 562933 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1808    |             |                    |                     |                     |                   | 0.13               | 0.008              | 8.9      | 7913924 | 562950 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1820    |             |                    |                     |                     |                   | 0.15               | 0.003              | 9.2      | 7913896 | 563000 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1824    |             |                    |                     |                     |                   |                    | 0.007              | 9.3      | 7913887 | 563017 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1826    |             |                    |                     |                     |                   |                    | 0.019              | 9.7      | 7913882 | 563025 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1830    |             |                    |                     |                     |                   | 0.16               | 0.009              | 9.4      | 7913873 | 563042 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1836    |             |                    |                     |                     |                   | 0.04               | 0.053              | 7.8      | 7913860 | 563068 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1903    |             |                    |                     |                     |                   | 0.05               | 0.019              | 9.6      | 7913931 | 562927 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1905    |             |                    |                     |                     |                   |                    | 0.006              | 9.5      | 7913926 | 562935 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1911    |             |                    |                     |                     |                   | 0.01               | 0.008              | 8.5      | 7913912 | 562960 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1919    |             |                    |                     |                     |                   | 0.13               | 0.016              | 9        | 7913894 | 562994 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1921    |             |                    |                     |                     |                   | 0.13               | 0.01               | 9.3      | 7913890 | 563002 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1923    |             |                    |                     |                     |                   |                    | 0.02               | 9.5      | 7913885 | 563010 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1927    |             |                    |                     |                     |                   | 0.08               | 0.036              | 9.4      | 7913876 | 563027 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1931    |             |                    |                     |                     |                   | 0.04               | 0.005              | 9.1      | 7913867 | 563044 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 1935    |             |                    |                     |                     |                   |                    | 0.038              | 8.4      | 7913859 | 563060 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2014    |             |                    |                     |                     |                   |                    | 0.014              | 8.8      | 7913902 | 562970 | 579 | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 570   | N1_570_031 | 2026    |             |                    |                     |                     |                   |                    | 0.024              | 9.4      | 7913874 | 563020 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2030    |             |                    |                     |                     |                   | 0.06               | 0.042              | 9        | 7913866 | 563037 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2101    |             |                    |                     |                     |                   | 0.11               | 0.016              | 9        | 7913927 | 562914 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2103    |             |                    |                     |                     |                   | 0.13               | 0.009              | 9.1      | 7913922 | 562922 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2107    |             |                    |                     |                     |                   | 0.09               | 0.134              | 9.1      | 7913913 | 562939 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2109    |             |                    |                     |                     |                   | 0.11               | 0.004              | 9.2      | 7913909 | 562947 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2113    |             |                    |                     |                     |                   | 0.16               | 0.005              | 8.5      | 7913900 | 562964 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2117    |             |                    |                     |                     |                   | 0.14               | 0.004              | 9.3      | 7913890 | 562981 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2119    |             |                    |                     |                     |                   | 0.08               | 0.007              | 9.3      | 7913886 | 562989 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2121    |             |                    |                     |                     |                   | 0.15               | 0.005              | 9.4      | 7913881 | 562997 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2123    |             |                    |                     |                     |                   | 0.12               | 0.026              | 9.2      | 7913877 | 563006 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2129    |             |                    |                     |                     |                   | 0.04               | 0.012              | 8.9      | 7913863 | 563031 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2210    |             |                    |                     |                     |                   | 0.15               | 0.004              | 9.1      | 7913902 | 562949 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2216    |             |                    |                     |                     |                   | 0.11               | 0.003              | 9        | 7913889 | 562974 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2218    |             |                    |                     |                     |                   | 0.14               | 0.071              | 8.9      | 7913884 | 562983 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2222    |             |                    |                     |                     |                   | 0.09               | 0.006              | 8.7      | 7913875 | 562999 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2226    |             |                    |                     |                     |                   | 0.14               | 0.068              | 9.3      | 7913866 | 563016 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2228    |             |                    |                     |                     |                   | 0.1                | 0.027              | 9.3      | 7913863 | 563025 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2303    |             |                    |                     |                     |                   | 0.09               | 0.121              | 8.8      | 7913914 | 562918 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2313    |             |                    |                     |                     |                   | 0.11               | 0.007              | 9.1      | 7913891 | 562960 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2317    |             |                    |                     |                     |                   | 0.21               | 0.005              | 8.7      | 7913882 | 562976 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2319    |             |                    |                     |                     |                   | 0.14               | 0.006              | 9.1      | 7913878 | 562985 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2323    |             |                    |                     |                     |                   | 0.12               | 0.07               | 9.1      | 7913868 | 563001 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2325    |             |                    |                     |                     |                   | 0.2                | 0.007              | 9.3      | 7913865 | 563010 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2404    |             |                    |                     |                     |                   | 0.3                | 0.023              | 8.7      | 7913909 | 562920 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2406    |             |                    |                     |                     |                   | 0.15               | 0.142              | 8.7      | 7913904 | 562928 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2408    |             |                    |                     |                     |                   | 0.05               | 0.044              | 8.8      | 7913899 | 562937 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2412    |             |                    |                     |                     |                   | 0.16               | 0.003              | 8.6      | 7913890 | 562953 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2414    |             |                    |                     |                     |                   | 0.09               | 0.009              | 8.7      | 7913886 | 562962 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2416    |             |                    |                     |                     |                   | 0.11               | 0.004              | 9.4      | 7913881 | 562970 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2424    |             |                    |                     |                     |                   |                    | 0.008              | 9.2      | 7913863 | 563003 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2505    |             |                    |                     |                     |                   |                    | 0.174              | 9        | 7913903 | 562923 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 2517    |             |                    |                     |                     |                   | 0.17               | 0.005              | 9.1      | 7913875 | 562972 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 3106    |             |                    |                     |                     |                   |                    | 0.025              | 9.1      | 7913895 | 562929 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 3109    |             |                    |                     |                     |                   | 0.17               | 0.1                | 9.2      | 7913888 | 562941 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 3112    |             |                    |                     |                     |                   | 0.25               | 0.126              | 9.2      | 7913881 | 562954 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 3129    |             |                    |                     |                     |                   |                    | 0.007              | 8.8      | 7913856 | 563029 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_031 | 3132    |             |                    |                     |                     |                   |                    | 0.004              | 8.8      | 7913855 | 563043 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 216     |             |                    |                     |                     |                   | 0.06               | 0.058              | 8        | 7914438 | 563186 | 582.77 | 14.27 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1002    |             |                    |                     |                     |                   | 0.12               | 0.026              | 8.2      | 7914378 | 563175 | 579.72 | 11.22 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1004    |             |                    |                     |                     |                   | 1.68               | 0.067              | 7.6      | 7914374 | 563183 | 579.73 | 11.23 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1008    |             |                    |                     |                     |                   | 0.11               | 0.006              | 8.6      | 7914368 | 563200 | 579.37 | 10.87 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1010    |             |                    |                     |                     |                   | 0.18               | 0.005              | 8.7      | 7914364 | 563208 | 579.32 | 10.82 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1014    |             |                    |                     |                     |                   | 0.07               | 0.003              | 8.6      | 7914353 | 563222 | 579.27 | 10.77 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1016    |             |                    |                     |                     |                   |                    | 0.004              |          | 7914347 | 563229 | 579.06 | 10.56 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1113    |             |                    |                     |                     |                   | 0.06               | 0.003              | 9        | 7914358 | 563220 | 579.35 | 10.85 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1115    |             |                    |                     |                     |                   |                    | 0.003              |          | 7914353 | 563227 | 579.27 | 10.77 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1315    |             |                    |                     |                     |                   | 0.05               | 0.003              | 9        | 7914356 | 563228 | 579.32 | 10.82 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1404    |             |                    |                     |                     |                   | 1.01               | 0.082              | 7.1      | 7914381 | 563186 | 579.51 | 11.01 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1412    |             |                    |                     |                     |                   | 0.13               | 0.008              | 9        | 7914365 | 563219 | 579.1  | 10.6  | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1505    |             |                    |                     |                     |                   | 0.17               | 0.052              | 7.5      | 7914383 | 563192 | 579.24 | 10.74 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1507    |             |                    |                     |                     |                   | 0.11               | 0.004              | 8.7      | 7914377 | 563199 | 579.08 | 10.58 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1513    |             |                    |                     |                     |                   |                    | 0.003              |          | 7914367 | 563225 | 579.55 | 11.05 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1608    |             |                    |                     |                     |                   | 0.11               | 0.003              | 8.7      | 7914381 | 563206 | 579.03 | 10.53 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1612    |             |                    |                     |                     |                   | 0.09               | 0.003              | 8.7      | 7914373 | 563223 | 579.39 | 10.89 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1705    |             |                    |                     |                     |                   | 0.1                | 0.078              | 7.1      | 7914391 | 563196 | 579.37 | 10.87 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1715    |             |                    |                     |                     |                   | 0.08               | 0.007              | 8.8      | 7914371 | 563237 | 579.49 | 10.99 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1808    |             |                    |                     |                     |                   | 0.18               | 0.004              | 8.8      | 7914389 | 563211 | 579.29 | 10.79 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1810    |             |                    |                     |                     |                   | 0.11               | 0.003              | 9        | 7914385 | 563218 | 579.35 | 10.85 | CHLORITE SCHIST           | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY       | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|-----------------|--------|
| 2021 | Pit      | 570   | N1_570_033 | 1814    |             |                    |                     |                     |                   | 0.11               | 0.003              | 8.4      | 7914377 | 563235 | 579.51 | 11.01 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1907    |             |                    |                     |                     |                   | 0.16               | 0.003              | 8.7      | 7914395 | 563209 | 579.61 | 11.11 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 1911    |             |                    |                     |                     |                   | 0.07               | 0.003              | 8.9      | 7914387 | 563225 | 579.55 | 11.05 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 2012    |             |                    |                     |                     |                   | 0.09               | 0.003              | 8.3      | 7914389 | 563231 | 579.54 | 11.04 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 2103    |             |                    |                     |                     |                   |                    | 0.016              |          | 7914411 | 563196 | 580.46 | 11.96 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 2105    |             |                    |                     |                     |                   | 0.06               | 0.007              | 8.2      | 7914408 | 563204 | 579.96 | 11.46 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 2202    |             |                    |                     |                     |                   | 0.61               | 0.012              | 8.9      | 7914417 | 563194 | 580.91 | 12.41 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 2204    |             |                    |                     |                     |                   | 0.18               | 0.006              | 8.5      | 7914413 | 563203 | 580.4  | 11.9  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 2210    |             |                    |                     |                     |                   | 0.1                | 0.003              | 8.7      | 7914402 | 563226 | 580    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 2307    |             |                    |                     |                     |                   | 0.13               | 0.003              | 8.6      | 7914411 | 563216 | 579.99 | 11.49 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 2404    |             |                    |                     |                     |                   | 0.13               | 0.016              | 8.2      | 7914421 | 563206 | 580.48 | 11.98 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 2406    |             |                    |                     |                     |                   | 0.15               | 0.005              | 8.3      | 7914417 | 563214 | 580.09 | 11.59 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 2408    |             |                    |                     |                     |                   | 0.1                | 0.003              | 8.6      | 7914413 | 563221 | 579.95 | 11.45 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 2412    |             |                    |                     |                     |                   | 0.11               | 0.003              | 8.3      | 7914405 | 563239 | 580.05 | 11.55 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 2509    |             |                    |                     |                     |                   |                    | 0.005              |          | 7914415 | 563228 | 579.98 | 11.48 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 2521    |             |                    |                     |                     |                   | 0.06               | 0.003              | 7.9      | 7914391 | 563277 | 581.2  | 12.7  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 2602    |             |                    |                     |                     |                   |                    | 0.031              |          | 7914433 | 563202 | 581.09 | 12.59 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 2610    |             |                    |                     |                     |                   | 0.1                | 0.003              | 8.6      | 7914418 | 563234 | 580.21 | 11.71 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 2618    |             |                    |                     |                     |                   | 0.06               | 0.003              | 8        | 7914402 | 563267 | 580.97 | 12.47 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 2620    |             |                    |                     |                     |                   | 0.24               | 0.01               | 7.9      | 7914397 | 563275 | 581.25 | 12.75 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 4008    |             |                    |                     |                     |                   | 0.19               | 0.009              | 8.5      | 7914363 | 563260 | 581.76 | 13.26 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 4016    |             |                    |                     |                     |                   | 0.24               | 0.013              | 8.3      | 7914388 | 563285 | 581.41 | 12.91 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_033 | 4115    |             |                    |                     |                     |                   | 0.28               | 0.015              | 8.5      | 7914386 | 563281 | 581.29 | 12.79 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1011    |             |                    |                     |                     |                   | 0.03               | 0.009              | 8.5      | 7914426 | 563236 | 580.16 | 11.66 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1106    |             |                    |                     |                     |                   | 0.63               | 0.178              | 6.7      | 7914437 | 563220 | 580.18 | 11.68 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1108    |             |                    |                     |                     |                   | 0.04               | 0.026              | 7.7      | 7914434 | 563227 | 579.97 | 11.47 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1110    |             |                    |                     |                     |                   | 0.06               | 0.003              | 8.2      | 7914430 | 563234 | 580    | 11.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1207    |             |                    |                     |                     |                   |                    | 0.093              |          | 7914440 | 563226 | 580.15 | 11.65 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1211    |             |                    |                     |                     |                   | 0.03               | 0.01               | 7.9      | 7914432 | 563240 | 580.19 | 11.69 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1213    |             |                    |                     |                     |                   |                    | 0.008              |          | 7914429 | 563247 | 580.39 | 11.89 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1306    |             |                    |                     |                     |                   |                    | 0.074              |          | 7914445 | 563224 | 580.36 | 11.86 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1314    |             |                    |                     |                     |                   | 0.03               | 0.016              | 8.3      | 7914431 | 563253 | 580.54 | 12.04 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1409    | 1           | 5                  | 6.9                 | -2                  | 0.73              | 0.1                | 0.244              | 6.8      | 7914445 | 563237 | 580.36 | 11.86 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1411    |             |                    |                     |                     |                   | 0.16               | 0.023              | 8.2      | 7914441 | 563244 | 580.16 | 11.66 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1508    |             |                    |                     |                     |                   | 0.09               | 0.122              | 7.3      | 7914450 | 563235 | 580.5  | 12    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1510    |             |                    |                     |                     |                   | 0.11               | 0.028              | 8.1      | 7914446 | 563242 | 580.49 | 11.99 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1512    |             |                    |                     |                     |                   | 0.11               | 0.003              | 8.4      | 7914443 | 563249 | 580.54 | 12.04 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1607    |             |                    |                     |                     |                   | 0.09               | 0.169              | 7.3      | 7914456 | 563233 | 580.59 | 12.09 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1609    |             |                    |                     |                     |                   | 0.09               | 0.045              | 7.9      | 7914452 | 563241 | 580.49 | 11.99 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1625    |             |                    |                     |                     |                   | 0.05               | 0.008              | 8.4      | 7914425 | 563298 | 582.59 | 14.09 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1706    | 1           | 6                  | 9.1                 | -3                  | 0.66              | 0.1                | 0.324              | 6.3      | 7914462 | 563232 | 580.35 | 11.85 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1708    |             |                    |                     |                     |                   | 0.06               | 0.046              | 7.9      | 7914458 | 563239 | 580.6  | 12.1  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1722    |             |                    |                     |                     |                   | 0.04               | 0.003              | 8.6      | 7914434 | 563290 | 580.8  | 12.3  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1807    |             |                    |                     |                     |                   | 0.1                | 0.11               | 7.1      | 7914463 | 563237 | 580.57 | 12.07 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1815    |             |                    |                     |                     |                   | 0.08               | 0.015              | 8.2      | 7914450 | 563266 | 580.39 | 11.89 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1821    |             |                    |                     |                     |                   | 0.03               | 0.003              | 8.1      | 7914439 | 563288 | 581.08 | 12.58 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1823    |             |                    |                     |                     |                   | 0.09               | 0.093              | 7.7      | 7914436 | 563295 | 581.09 | 12.59 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1906    | 1           | 8                  | 16.3                | -8                  | 0.49              | 0.06               | 0.533              | 6.4      | 7914469 | 563235 | 580.67 | 12.17 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1922    |             |                    |                     |                     |                   | 0.09               | 0.048              | 8.4      | 7914442 | 563294 | 580.63 | 12.13 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2021    |             |                    |                     |                     |                   | 0.07               | 0.007              | 8.4      | 7914448 | 563291 | 580.58 | 12.08 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2023    |             |                    |                     |                     |                   | 0.09               | 0.004              | 8.5      | 7914444 | 563299 | 580.79 | 12.29 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2027    |             |                    |                     |                     |                   | 0.02               | 0.003              | 8.4      | 7914437 | 563313 | 582.53 | 14.03 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2116    |             |                    |                     |                     |                   | 0.06               | 0.088              | 7.1      | 7914460 | 563275 | 580.53 | 12.03 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2118    |             |                    |                     |                     |                   |                    | 0.017              |          | 7914457 | 563283 | 580.4  | 11.9  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2120    |             |                    |                     |                     |                   | 0.14               | 0.003              | 8.4      | 7914454 | 563290 | 580.55 | 12.05 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2122    |             |                    |                     |                     |                   | 0.11               | 0.003              | 8.2      | 7914450 | 563297 | 580.7  | 12.2  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2128    |             |                    |                     |                     |                   | 0.14               | 0.009              | 8.4      | 7914440 | 563319 | 581.48 | 12.98 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2215    |             |                    |                     |                     |                   | 0.04               | 0.076              | 7.6      | 7914466 | 563274 | 580.61 | 12.11 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2217    |             |                    |                     |                     |                   |                    | 0.078              |          | 7914463 | 563281 | 580.59 | 12.09 | CHLORITE SCHIST | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY       | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|-----------------|--------|
| 2021 | Pit      | 570   | N1_570_035 | 2225    |             |                    |                     |                     |                   | 0.07               | 0.085              | 7.3      | 7914449 | 563310 | 581.71 | 13.21 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4001    |             |                    |                     |                     |                   |                    | 0.008              |          | 7914404 | 563292 | 581.5  | 13    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4003    |             |                    |                     |                     |                   | 0.23               | 0.01               | 8.2      | 7914411 | 563296 | 581.49 | 12.99 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4005    |             |                    |                     |                     |                   | 0.26               | 0.018              | 8.3      | 7914418 | 563300 | 581.72 | 13.22 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4100    |             |                    |                     |                     |                   | 0.09               | 0.008              | 8.4      | 7914399 | 563294 | 581.45 | 12.95 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4102    |             |                    |                     |                     |                   | 0.18               | 0.003              | 8.5      | 7914406 | 563297 | 581.19 | 12.69 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4104    |             |                    |                     |                     |                   | 0.07               | 0.021              | 8.4      | 7914413 | 563301 | 581.26 | 12.76 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4107    |             |                    |                     |                     |                   | 0.11               | 0.019              | 8.1      | 7914423 | 563311 | 581.59 | 13.09 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4201    |             |                    |                     |                     |                   | 0.33               | 0.023              | 8.6      | 7914401 | 563299 | 581.35 | 12.85 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4205    |             |                    |                     |                     |                   | 0.04               | 0.019              | 7.8      | 7914415 | 563307 | 581.41 | 12.91 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4210    |             |                    |                     |                     |                   | 0.11               | 0.02               | 8.4      | 7914431 | 563327 | 581.46 | 12.96 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4302    |             |                    |                     |                     |                   | 0.56               | 0.016              | 8.6      | 7914402 | 563304 | 581.1  | 12.6  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4304    |             |                    |                     |                     |                   | 0.15               | 0.03               | 8.1      | 7914410 | 563309 | 581.1  | 12.6  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4307    |             |                    |                     |                     |                   | 0.13               | 0.019              | 8        | 7914420 | 563319 | 581.89 | 13.39 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 208     |             |                    |                     |                     |                   | 0.03               | 0.166              | 7.9      | 7914474 | 563204 | 581.74 | 13.24 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1007    |             |                    |                     |                     |                   | 0.04               | 0.048              | 8.1      | 7914433 | 563223 | 580.23 | 11.73 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1009    |             |                    |                     |                     |                   | 0.05               | 0.003              | 8.5      | 7914430 | 563230 | 580.04 | 11.54 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1013    |             |                    |                     |                     |                   | 0.13               | 0.008              | 8.3      | 7914423 | 563244 | 580.28 | 11.78 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1025    |             |                    |                     |                     |                   | 0.32               | 0.01               | 8.2      | 7914403 | 563287 | 581.58 | 13.08 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1112    |             |                    |                     |                     |                   | 0.25               | 0.073              | 8        | 7914427 | 563241 | 580.24 | 11.74 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1114    |             |                    |                     |                     |                   | 0.08               | 0.005              | 8.5      | 7914423 | 563249 | 580.33 | 11.83 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1209    |             |                    |                     |                     |                   | 0.03               | 0.024              | 8.4      | 7914436 | 563233 | 579.93 | 11.43 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1225    |             |                    |                     |                     |                   | 0.1                | 0.003              | 8.3      | 7914409 | 563290 | 581.52 | 13.02 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1300    |             |                    |                     |                     |                   | 0.02               | 0.059              | 6.8      | 7914456 | 563202 | 581.13 | 12.63 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1308    |             |                    |                     |                     |                   | 0.46               | 0.093              | 7        | 7914442 | 563231 | 580.17 | 11.67 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1310    |             |                    |                     |                     |                   | 0.04               | 0.025              | 8.2      | 7914438 | 563238 | 580.23 | 11.73 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1312    |             |                    |                     |                     |                   | 0.06               | 0.012              | 8.3      | 7914435 | 563245 | 580.45 | 11.95 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1413    |             |                    |                     |                     |                   | 0.05               | 0.016              | 8.6      | 7914437 | 563251 | 580.66 | 12.16 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1425    |             |                    |                     |                     |                   | 0.12               | 0.016              | 8.3      | 7914417 | 563294 | 581.47 | 12.97 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1506    |             |                    |                     |                     |                   | 0.63               | 0.171              | 7.2      | 7914454 | 563228 | 580.6  | 12.1  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1514    |             |                    |                     |                     |                   | 0.11               | 0.011              | 8.4      | 7914439 | 563257 | 580.69 | 12.19 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1611    |             |                    |                     |                     |                   | 0.07               | 0.024              | 8        | 7914449 | 563248 | 580.28 | 11.78 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1623    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.7      | 7914428 | 563291 | 581.47 | 12.97 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1710    |             |                    |                     |                     |                   | 0.04               | 0.029              | 8.4      | 7914455 | 563246 | 580.44 | 11.94 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1714    |             |                    |                     |                     |                   | 0.08               | 0.062              | 8.2      | 7914447 | 563260 | 580.6  | 12.1  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1718    |             |                    |                     |                     |                   | 0.06               | 0.005              | 8.3      | 7914440 | 563275 | 580.75 | 12.25 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1720    |             |                    |                     |                     |                   | 0.08               | 0.003              | 8.3      | 7914437 | 563282 | 580.89 | 12.39 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1724    |             |                    |                     |                     |                   | 0.17               | 0.039              | 8.2      | 7914431 | 563297 | 581.82 | 13.32 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1726    |             |                    |                     |                     |                   | 0.08               | 0.02               | 8.4      | 7914427 | 563304 | 582.54 | 14.04 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1809    |             |                    |                     |                     |                   | 0.11               | 0.039              | 8.1      | 7914460 | 563245 | 580.42 | 11.92 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1811    |             |                    |                     |                     |                   | 0.06               | 0.026              | 8.2      | 7914456 | 563252 | 580.43 | 11.93 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1813    |             |                    |                     |                     |                   | 0.06               | 0.038              | 7.7      | 7914453 | 563259 | 580.58 | 12.08 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1817    |             |                    |                     |                     |                   | 0.07               | 0.026              | 8.4      | 7914446 | 563273 | 580.59 | 12.09 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1819    |             |                    |                     |                     |                   | 0.08               | 0.061              | 8.3      | 7914443 | 563281 | 580.83 | 12.33 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1825    |             |                    |                     |                     |                   | 0.09               | 0.044              | 8        | 7914432 | 563302 | 582.04 | 13.54 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1908    |             |                    |                     |                     |                   | 0.03               | 0.038              | 8.1      | 7914466 | 563243 | 580.73 | 12.23 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1910    |             |                    |                     |                     |                   | 0.12               | 0.071              | 7.9      | 7914462 | 563250 | 580.59 | 12.09 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1912    |             |                    |                     |                     |                   | 0.03               | 0.083              | 7.3      | 7914459 | 563258 | 580.6  | 12.1  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1914    |             |                    |                     |                     |                   | 0.02               | 0.172              | 8.2      | 7914455 | 563265 | 580.56 | 12.06 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1918    |             |                    |                     |                     |                   | 0.08               | 0.041              | 8.4      | 7914449 | 563279 | 580.56 | 12.06 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1920    |             |                    |                     |                     |                   | 0.06               | 0.003              | 8.4      | 7914445 | 563287 | 580.51 | 12.01 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1924    |             |                    |                     |                     |                   | 0.03               | 0.025              | 8        | 7914438 | 563301 | 581.1  | 12.6  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 1926    |             |                    |                     |                     |                   | 0.03               | 0.021              | 8        | 7914435 | 563308 | 582.6  | 14.1  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2013    |             |                    |                     |                     |                   | 0.06               | 0.084              | 7.7      | 7914461 | 563263 | 580.49 | 11.99 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2019    |             |                    |                     |                     |                   | 0.08               | 0.003              | 8.4      | 7914451 | 563284 | 580.46 | 11.96 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2025    |             |                    |                     |                     |                   | 0.03               | 0.003              | 8.4      | 7914441 | 563306 | 581.65 | 13.15 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2114    |             |                    |                     |                     |                   | 0.03               | 0.114              | 7.5      | 7914464 | 563268 | 580.54 | 12.04 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2124    |             |                    |                     |                     |                   | 0.02               | 0.018              | 7.6      | 7914447 | 563304 | 581.15 | 12.65 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2126    |             |                    |                     |                     |                   | 0.06               | 0.006              | 8.4      | 7914443 | 563311 | 582.02 | 13.52 | CHLORITE SCHIST | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY       | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|-----------------|--------|
| 2021 | Pit      | 570   | N1_570_035 | 2221    |             |                    |                     |                     |                   | 0.05               | 0.024              | 8.3      | 7914456 | 563296 | 580.83 | 12.33 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2223    |             |                    |                     |                     |                   | 0.07               | 0.003              | 8.4      | 7914452 | 563303 | 580.87 | 12.37 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2227    |             |                    |                     |                     |                   | 0.04               | 0.003              | 8.5      | 7914446 | 563317 | 582.25 | 13.75 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 2229    |             |                    |                     |                     |                   | 0.01               | 0.004              | 7.8      | 7914442 | 563325 | 581.65 | 13.15 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4006    |             |                    |                     |                     |                   | 0.14               | 0.017              | 8.1      | 7914422 | 563305 | 581.67 | 13.17 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4008    |             |                    |                     |                     |                   | 0.05               | 0.003              | 8.5      | 7914429 | 563310 | 582.03 | 13.53 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4009    |             |                    |                     |                     |                   | 0.1                | 0.003              | 8        | 7914431 | 563316 | 581.56 | 13.06 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4111    |             |                    |                     |                     |                   | 0.24               | 0.016              | 8.6      | 7914436 | 563325 | 581.34 | 12.84 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4203    |             |                    |                     |                     |                   | 0.32               | 0.013              | 8.2      | 7914408 | 563303 | 581.15 | 12.65 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4206    |             |                    |                     |                     |                   | 0.06               | 0.015              | 7.9      | 7914418 | 563313 | 581.34 | 12.84 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_035 | 4208    |             |                    |                     |                     |                   | 0.12               | 0.02               | 8.2      | 7914426 | 563318 | 581.6  | 13.1  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1004    |             |                    |                     |                     |                   | 0.07               | 0.163              | 6.4      | 7914474 | 563281 | 580.82 | 12.32 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1118    |             |                    |                     |                     |                   |                    | 0.009              |          | 7914448 | 563334 | 581.87 | 13.37 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1120    |             |                    |                     |                     |                   |                    | 0.021              |          | 7914441 | 563342 | 578.5  | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1201    |             |                    |                     |                     |                   | 0.22               | 0.061              | 8        | 7914483 | 563279 | 580.78 | 12.28 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1510    |             |                    |                     |                     |                   | 0.14               | 0.026              | 8.2      | 7914470 | 563316 | 581.6  | 13.1  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1516    |             |                    |                     |                     |                   | 0.06               | 0.006              | 8.6      | 7914454 | 563335 | 582.13 | 13.63 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1611    |             |                    |                     |                     |                   | 0.18               | 0.036              | 8.1      | 7914471 | 563322 | 581.48 | 12.98 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1714    |             |                    |                     |                     |                   | 0.18               | 0.118              | 7.2      | 7914467 | 563334 | 582.1  | 13.6  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1716    |             |                    |                     |                     |                   | 0.04               | 0.006              | 8.5      | 7914462 | 563341 | 582.41 | 13.91 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1718    |             |                    |                     |                     |                   | 0.16               | 0.015              | 8.8      | 7914456 | 563348 | 579    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1801    | 1           | 5                  | 6.9                 | -2                  | 0.73              | 0.12               | 0.229              | 6.6      | 7914504 | 563297 | 581.14 | 12.64 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1815    |             |                    |                     |                     |                   | 0.09               | 0.058              | 8.3      | 7914469 | 563340 | 582.12 | 13.62 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 2015    |             |                    |                     |                     |                   | 0.06               | 0.02               | 7.8      | 7914477 | 563347 | 582.13 | 13.63 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 2108    |             |                    |                     |                     |                   | 0.15               | 0.044              | 8.1      | 7914498 | 563328 | 580.94 | 12.44 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 2110    |             |                    |                     |                     |                   | 0.04               | 0.183              | 6.6      | 7914493 | 563334 | 581.17 | 12.67 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 2112    |             |                    |                     |                     |                   | 0.13               | 0.086              | 7.9      | 7914488 | 563341 | 581.73 | 13.23 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 2114    |             |                    |                     |                     |                   | 1.39               | 0.074              | 8.2      | 7914483 | 563347 | 582.15 | 13.65 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 2209    |             |                    |                     |                     |                   | 0.07               | 0.067              | 7.6      | 7914499 | 563334 | 580.95 | 12.45 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 2312    |             |                    |                     |                     |                   | 0.11               | 0.102              | 7.8      | 7914496 | 563347 | 581.91 | 13.41 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1002    |             |                    |                     |                     |                   | 0.16               | 0.061              | 8        | 7914481 | 563273 | 580.64 | 12.14 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1011    |             |                    |                     |                     |                   | 0.17               | 0.022              | 8.1      | 7914465 | 563309 | 581.38 | 12.88 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1013    |             |                    |                     |                     |                   | 0.27               | 0.15               | 8.1      | 7914460 | 563316 | 581.52 | 13.02 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1015    |             |                    |                     |                     |                   | 0.14               | 0.003              | 8.4      | 7914455 | 563323 | 581.95 | 13.45 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1017    |             |                    |                     |                     |                   | 0.22               | 0.022              | 8.5      | 7914449 | 563329 | 581.3  | 12.8  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1112    |             |                    |                     |                     |                   | 0.2                | 0.104              | 8        | 7914464 | 563315 | 581.42 | 12.92 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1114    |             |                    |                     |                     |                   | 0.2                | 0.02               | 8.4      | 7914459 | 563321 | 581.82 | 13.32 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1116    |             |                    |                     |                     |                   | 0.13               | 0.008              | 8.6      | 7914454 | 563328 | 582.07 | 13.57 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1401    |             |                    |                     |                     |                   | 0.18               | 0.046              | 8.1      | 7914488 | 563284 | 580.95 | 12.45 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1500    |             |                    |                     |                     |                   | 0.12               | 0.039              | 7.6      | 7914494 | 563285 | 580.68 | 12.18 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1512    |             |                    |                     |                     |                   | 0.06               | 0.038              | 8.1      | 7914465 | 563321 | 581.81 | 13.31 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1514    |             |                    |                     |                     |                   | 0.2                | 0.01               | 8.5      | 7914460 | 563328 | 581.85 | 13.35 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1518    |             |                    |                     |                     |                   | 0.33               | 0.014              | 8.9      | 7914449 | 563342 | 578.5  | 10    | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1601    |             |                    |                     |                     |                   | 0.11               | 0.06               | 7.8      | 7914496 | 563291 | 581.12 | 12.62 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1609    |             |                    |                     |                     |                   | 0.59               | 0.024              | 8.1      | 7914476 | 563316 | 581.6  | 13.1  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1613    |             |                    |                     |                     |                   | 0.14               | 0.042              | 7.6      | 7914466 | 563328 | 582.05 | 13.55 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1617    |             |                    |                     |                     |                   | 0.02               | 0.012              | 8.9      | 7914455 | 563341 | 582.36 | 13.86 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1619    |             |                    |                     |                     |                   | 0.26               | 0.018              | 8.7      | 7914450 | 563348 | 579    | 10.5  | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1621    |             |                    |                     |                     |                   | 0.05               | 0.054              | 7.7      | 7914500 | 563285 | 580.87 | 12.37 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1700    |             |                    |                     |                     |                   | 0.12               | 0.029              | 8.2      | 7914502 | 563291 | 581.09 | 12.59 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1710    |             |                    |                     |                     |                   | 0.11               | 0.079              | 7.4      | 7914478 | 563322 | 581.47 | 12.97 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1712    |             |                    |                     |                     |                   | 0.08               | 0.073              | 7.6      | 7914472 | 563328 | 581.63 | 13.13 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1817    |             |                    |                     |                     |                   | 0.24               | 0.026              | 7.8      | 7914463 | 563347 | 582.07 | 13.57 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1902    |             |                    |                     |                     |                   | 1.54               | 0.064              | 7.6      | 7914505 | 563303 | 581.18 | 12.68 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1914    |             |                    |                     |                     |                   | 0.13               | 0.025              | 8.7      | 7914475 | 563340 | 582.96 | 14.46 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 1916    |             |                    |                     |                     |                   | 0.07               | 0.021              | 8.1      | 7914470 | 563347 | 582.01 | 13.51 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 2001    |             |                    |                     |                     |                   | 0.08               | 0.056              | 7.8      | 7914512 | 563303 | 581.02 | 12.52 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 2005    |             |                    |                     |                     |                   | 0.08               | 0.022              | 8.2      | 7914502 | 563316 | 580.92 | 12.42 | CHLORITE SCHIST | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 2116    |             |                    |                     |                     |                   | 0.13               | 0.014              | 8.4      | 7914478 | 563353 | 581.91 | 13.41 | CHLORITE SCHIST | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 570   | N1_570_037 | 2203    |             |                    |                     |                     |                   | 0.11               | 0.028              | 8.3      | 7914514 | 563316 | 580.98 | 12.48 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 2211    |             |                    |                     |                     |                   | 0.07               | 0.123              | 8.2      | 7914495 | 563340 | 581.53 | 13.03 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 2215    |             |                    |                     |                     |                   | 0.12               | 0.025              | 7.9      | 7914485 | 563353 | 582.22 | 13.72 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 2217    |             |                    |                     |                     |                   | 0.13               | 0.012              | 8.4      | 7914479 | 563360 | 581.79 | 13.29 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 2308    |             |                    |                     |                     |                   | 0.09               | 0.102              | 7.6      | 7914506 | 563334 | 580.89 | 12.39 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 2310    |             |                    |                     |                     |                   | 0.08               | 0.054              | 7.9      | 7914501 | 563340 | 581.33 | 12.83 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_037 | 2316    |             |                    |                     |                     |                   | 0.17               | 0.072              | 7        | 7914486 | 563360 | 582.09 | 13.59 | CHLORITE SCHIST           | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1000    |             |                    |                     |                     |                   | 0.27               | 0.015              | 8.2      | 7913913 | 562906 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1105    |             |                    |                     |                     |                   | 0.16               | 0.093              | 9.1      | 7913896 | 562913 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1217    |             |                    |                     |                     |                   | 0.05               | 0.029              | 8.8      | 7913871 | 562946 | 573.27 | 4.76  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1222    |             |                    |                     |                     |                   | 0.08               | 0.009              | 8.8      | 7913864 | 562962 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1232    |             |                    |                     |                     |                   | 0.05               | 0.016              | 8.9      | 7913851 | 562995 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1305    |             |                    |                     |                     |                   | 0.08               | 0.058              | 9        | 7913891 | 562908 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1310    |             |                    |                     |                     |                   | 0.05               | 0.069              | 9.2      | 7913880 | 562921 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1320    |             |                    |                     |                     |                   | 0.12               | 0.008              | 8.7      | 7913863 | 562952 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1325    |             |                    |                     |                     |                   | 0.08               | 0.01               | 8.7      | 7913859 | 562968 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1101    |             |                    |                     |                     |                   | 0.16               | 0.013              | 8.1      | 7913907 | 562906 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1203    |             |                    |                     |                     |                   | 0.16               | 0.057              | 8.9      | 7913900 | 562907 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1207    |             |                    |                     |                     |                   | 0.12               | 0.004              | 8.5      | 7913889 | 562916 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1212    |             |                    |                     |                     |                   | 0.06               | 0.053              | 9        | 7913879 | 562930 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1227    |             |                    |                     |                     |                   | 0.07               | 0.006              | 8.9      | 7913859 | 562978 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1300    |             |                    |                     |                     |                   | 0.15               | 0.04               | 8.8      | 7913905 | 562898 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1315    |             |                    |                     |                     |                   | 0.07               | 0.089              | 8.8      | 7913870 | 562936 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1330    |             |                    |                     |                     |                   | 0.06               | 0.005              | 8.9      | 7913853 | 562984 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1335    |             |                    |                     |                     |                   | 0.04               | 0.004              | 8.6      | 7913847 | 563000 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1340    |             |                    |                     |                     |                   | 0.08               | 0.005              | 9.1      | 7913841 | 563017 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 570   | N1_570_038 | 1344    |             |                    |                     |                     |                   | 0.09               | 0.026              | 8.9      | 7913841 | 563031 | 579    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1003    |             |                    |                     |                     |                   | 0.02               | 0.138              | 8.3      | 7914913 | 563437 | 649.75 | 11.25 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1009    |             |                    |                     |                     |                   | 0.04               | 0.058              | 8.1      | 7914931 | 563451 | 650.42 | 11.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1010    |             |                    |                     |                     |                   | 0.01               | 0.017              | 8.4      | 7914935 | 563453 | 650.17 | 11.67 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1014    |             |                    |                     |                     |                   | 0.01               | 0.122              | 7.7      | 7914947 | 563461 | 649.75 | 11.25 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1015    |             |                    |                     |                     |                   | 0.09               | 0.014              | 8.5      | 7914951 | 563463 | 649.67 | 11.17 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1017    |             |                    |                     |                     |                   | 0.06               | 0.028              | 8.4      | 7914958 | 563467 | 648.96 | 10.46 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1021    |             |                    |                     |                     |                   | 0.03               | 0.008              | 8.3      | 7914971 | 563460 | 648.98 | 10.48 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1119    |             |                    |                     |                     |                   | 0.07               | 0.03               | 8.6      | 7914964 | 563464 | 649.57 | 11.07 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1202    |             |                    |                     |                     |                   | 0.02               | 0.19               | 7.4      | 7914922 | 563442 | 649.93 | 11.43 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1204    |             |                    |                     |                     |                   | 0.03               | 0.033              | 8.1      | 7914931 | 563445 | 649.61 | 11.11 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1206    |             |                    |                     |                     |                   | 0.01               | 0.084              | 8.5      | 7914940 | 563450 | 649.27 | 10.77 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1208    |             |                    |                     |                     |                   | 0.01               | 0.016              | 7.9      | 7914949 | 563454 | 649    | 10.5  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1210    |             |                    |                     |                     |                   | 0.08               | 0.014              | 8.4      | 7914958 | 563460 | 649.29 | 10.79 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1305    |             |                    |                     |                     |                   | 0.01               | 0.03               | 8.3      | 7914938 | 563444 | 649.06 | 10.56 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1307    |             |                    |                     |                     |                   | 0.07               | 0.104              | 8.6      | 7914947 | 563448 | 648.92 | 10.42 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1309    |             |                    |                     |                     |                   | 0.04               | 0.011              | 8.3      | 7914955 | 563453 | 649.21 | 10.71 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1311    |             |                    |                     |                     |                   | 0.15               | 0.007              | 8.5      | 7914964 | 563458 | 649.81 | 11.31 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1404    |             |                    |                     |                     |                   | 0.01               | 0.19               | 7.4      | 7914935 | 563438 | 649.1  | 10.6  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1406    |             |                    |                     |                     |                   | 0.01               | 0.1                | 8.3      | 7914944 | 563442 | 648.97 | 10.47 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1408    |             |                    |                     |                     |                   | 0.01               | 0.008              | 8.5      | 7914953 | 563447 | 649.11 | 10.61 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1410    |             |                    |                     |                     |                   | 0.02               | 0.01               | 8.7      | 7914962 | 563452 | 649.15 | 10.65 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1503    |             |                    |                     |                     |                   | 0.01               | 0.02               | 8.7      | 7914926 | 563427 | 649.61 | 11.11 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1507    |             |                    |                     |                     |                   | 0.06               | 0.016              | 8.7      | 7914944 | 563437 | 649.33 | 10.83 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1509    |             |                    |                     |                     |                   | 0.06               | 0.045              | 8.7      | 7914952 | 563441 | 649.43 | 10.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1511    |             |                    |                     |                     |                   | 0.03               | 0.006              | 8.6      | 7914961 | 563446 | 649.87 | 11.37 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1513    |             |                    |                     |                     |                   | 0.05               | 0.004              | 8.3      | 7914969 | 563451 | 649.93 | 11.43 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1515    |             |                    |                     |                     |                   | 0.11               | 0.12               | 8.4      | 7914977 | 563454 | 650.12 | 11.62 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1611    |             |                    |                     |                     |                   | 0.07               | 0.046              | 8.5      | 7914932 | 563426 | 650.02 | 11.52 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1613    |             |                    |                     |                     |                   | 0.05               | 0.05               | 8.7      | 7914941 | 563430 | 649.75 | 11.25 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1615    |             |                    |                     |                     |                   | 0.05               | 0.003              | 9        | 7914950 | 563435 | 649.75 | 11.25 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1617    |             |                    |                     |                     |                   | 0.06               | 0.003              | 8.9      | 7914959 | 563439 | 650.41 | 11.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1619    |             |                    |                     |                     |                   | 0.14               | 0.02               | 8.2      | 7914968 | 563444 | 650.62 | 12.12 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 640   | N2_640_103 | 1621    |             |                    |                     |                     |                   | 0.36               | 0.136              | 8.3      | 7914977 | 563449 | 651.75 | 13.25 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1704    |             |                    |                     |                     |                   | 0.08               | 0.064              | 8.3      | 7914904 | 563406 | 650.56 | 12.06 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1706    | 1           | 14                 | 6.3                 | 8                   | 2.24              | 0.09               | 0.189              | 8        | 7914912 | 563411 | 650.83 | 12.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1708    |             |                    |                     |                     |                   | 0.07               | 0.186              | 8.3      | 7914921 | 563415 | 650.58 | 12.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1712    |             |                    |                     |                     |                   | 0.08               | 0.041              | 8.7      | 7914939 | 563424 | 650.68 | 12.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1714    |             |                    |                     |                     |                   | 0.09               | 0.017              | 8.4      | 7914948 | 563429 | 650.55 | 12.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1716    |             |                    |                     |                     |                   | 0.09               | 0.15               | 8.8      | 7914957 | 563434 | 650.27 | 11.77 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1718    |             |                    |                     |                     |                   | 0.1                | 0.008              | 8.3      | 7914965 | 563438 | 650.83 | 12.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1720    |             |                    |                     |                     |                   | 0.17               | 0.058              | 8.6      | 7914975 | 563443 | 651.34 | 12.84 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1722    |             |                    |                     |                     |                   | 0.24               | 0.006              | 8.4      | 7914983 | 563448 | 652.29 | 13.79 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1803    |             |                    |                     |                     |                   | 0.07               | 0.039              | 8.1      | 7914901 | 563400 | 650.69 | 12.19 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1805    |             |                    |                     |                     |                   | 0.07               | 0.162              | 8.4      | 7914910 | 563404 | 650.95 | 12.45 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1809    |             |                    |                     |                     |                   | 0.07               | 0.107              | 8.2      | 7914928 | 563413 | 651.17 | 12.67 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1811    |             |                    |                     |                     |                   | 0.08               | 0.022              | 8.5      | 7914937 | 563419 | 651.14 | 12.64 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1813    |             |                    |                     |                     |                   | 0.09               | 0.019              | 8.9      | 7914945 | 563423 | 650.96 | 12.46 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1815    |             |                    |                     |                     |                   | 0.08               | 0.004              | 8.5      | 7914955 | 563427 | 650.7  | 12.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1817    |             |                    |                     |                     |                   | 0.08               | 0.003              | 8.8      | 7914964 | 563432 | 650.71 | 12.21 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1819    |             |                    |                     |                     |                   | 0.13               | 0.016              | 8.6      | 7914972 | 563436 | 650.87 | 12.37 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1821    |             |                    |                     |                     |                   | 0.16               | 0.006              | 8.3      | 7914981 | 563441 | 651.55 | 13.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1900    |             |                    |                     |                     |                   | 0.01               | 0.063              | 8        | 7914871 | 563376 | 648.55 | 10.05 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1901    |             |                    |                     |                     |                   | 0.01               | 0.11               | 8.1      | 7914874 | 563378 | 648.88 | 10.38 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1903    |             |                    |                     |                     |                   | 0.02               | 0.129              | 7.3      | 7914881 | 563384 | 649.26 | 10.76 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1907    |             |                    |                     |                     |                   | 0.01               | 0.19               | 6.9      | 7914899 | 563393 | 649.83 | 11.33 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1909    |             |                    |                     |                     |                   | 0.01               | 0.102              | 8        | 7914908 | 563398 | 651.23 | 12.73 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1911    |             |                    |                     |                     |                   | 0.06               | 0.132              | 7.9      | 7914917 | 563402 | 651.64 | 13.14 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1913    |             |                    |                     |                     |                   | 0.01               | 0.106              | 8.5      | 7914926 | 563406 | 651.79 | 13.29 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1915    |             |                    |                     |                     |                   | 0.06               | 0.119              | 8.2      | 7914935 | 563411 | 651.41 | 12.91 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1919    |             |                    |                     |                     |                   | 0.05               | 0.018              | 8.5      | 7914953 | 563420 | 651.42 | 12.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1921    |             |                    |                     |                     |                   | 0.06               | 0.003              | 8.7      | 7914962 | 563425 | 650.76 | 12.26 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1923    |             |                    |                     |                     |                   | 0.07               | 0.003              | 8.9      | 7914971 | 563429 | 650.48 | 11.98 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1925    |             |                    |                     |                     |                   | 0.21               | 0.005              | 8.6      | 7914980 | 563434 | 651.26 | 12.76 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 1927    |             |                    |                     |                     |                   | 0.15               | 0.005              | 8.4      | 7914988 | 563439 | 651.66 | 13.16 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2000    |             |                    |                     |                     |                   | 0.01               | 0.095              | 8.4      | 7914872 | 563374 | 647.67 | 9.17  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2002    |             |                    |                     |                     |                   | 0.01               | 0.023              | 8.3      | 7914880 | 563377 | 649.12 | 10.62 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2004    |             |                    |                     |                     |                   | 0.01               | 0.042              | 8.1      | 7914888 | 563382 | 649.08 | 10.58 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2006    |             |                    |                     |                     |                   | 0.01               | 0.046              | 7.8      | 7914898 | 563387 | 649.03 | 10.53 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2008    |             |                    |                     |                     |                   | 0.03               | 0.025              | 8.5      | 7914906 | 563391 | 649.33 | 10.83 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2010    |             |                    |                     |                     |                   | 0.03               | 0.059              | 8.2      | 7914915 | 563396 | 651.28 | 12.78 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2012    |             |                    |                     |                     |                   | 0.05               | 0.038              | 8.2      | 7914924 | 563400 | 652.23 | 13.73 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2014    |             |                    |                     |                     |                   | 0.05               | 0.122              | 8.5      | 7914933 | 563405 | 651.46 | 12.96 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2016    |             |                    |                     |                     |                   | 0.06               | 0.03               | 8.5      | 7914943 | 563409 | 651.42 | 12.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2018    |             |                    |                     |                     |                   | 0.07               | 0.048              | 7.8      | 7914951 | 563414 | 651.39 | 12.89 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2020    |             |                    |                     |                     |                   | 0.03               | 0.007              | 8.8      | 7914960 | 563418 | 651.2  | 12.7  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2022    |             |                    |                     |                     |                   | 0.06               | 0.003              | 8.7      | 7914969 | 563423 | 650.7  | 12.2  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2024    |             |                    |                     |                     |                   | 0.14               | 0.004              | 8.6      | 7914978 | 563428 | 650.88 | 12.38 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2026    |             |                    |                     |                     |                   | 0.3                | 0.006              | 8.6      | 7914987 | 563432 | 651.42 | 12.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2101    |             |                    |                     |                     |                   | 0.01               | 0.054              | 8.5      | 7914879 | 563371 | 648.29 | 9.79  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2105    |             |                    |                     |                     |                   | 0.01               | 0.052              | 8.2      | 7914896 | 563380 | 649.15 | 10.65 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2107    |             |                    |                     |                     |                   | 0.01               | 0.108              | 8.4      | 7914905 | 563384 | 648.94 | 10.44 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2109    |             |                    |                     |                     |                   | 0.01               | 0.128              | 8.2      | 7914914 | 563389 | 649.42 | 10.92 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2111    |             |                    |                     |                     |                   | 0.01               | 0.108              | 8.2      | 7914923 | 563394 | 651.77 | 13.27 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2113    |             |                    |                     |                     |                   | 0.01               | 0.058              | 8.3      | 7914931 | 563398 | 651.5  | 13    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2115    |             |                    |                     |                     |                   | 0.01               | 0.013              | 8.6      | 7914941 | 563403 | 651.05 | 12.55 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2117    |             |                    |                     |                     |                   | 0.01               | 0.106              | 8.3      | 7914949 | 563408 | 651.43 | 12.93 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2119    |             |                    |                     |                     |                   | 0.01               | 0.016              | 8.4      | 7914958 | 563412 | 651.22 | 12.72 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2121    |             |                    |                     |                     |                   | 0.01               | 0.004              | 8.3      | 7914967 | 563417 | 650.88 | 12.38 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2123    |             |                    |                     |                     |                   | 0.25               | 0.004              | 8.6      | 7914976 | 563421 | 650.5  | 12    | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2125    |             |                    |                     |                     |                   | 0.15               | 0.006              | 8.4      | 7914985 | 563426 | 651.01 | 12.51 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2127    |             |                    |                     |                     |                   | 0.57               | 0.005              | 8.6      | 7914994 | 563430 | 651.32 | 12.82 | SILICIFIED GRANITE GNEISS | Non-AG |

Table E.6.3: Deposit No.1 Waste Rock - Non-AG Geochemistry - Analytical Sampling Results - 2021

| YEAR | LOCATION | BENCH | BLAST ID   | HOLE ID | FIZZ RATING | NP<br>(tCaCO3/1Kt) | MPA<br>(tCaCO3/1Kt) | NNP<br>(tCaCO3/1Kt) | RATIO<br>(NP:MPA) | C (%) <sup>1</sup> | S (%) <sup>1</sup> | Paste pH | Y       | X      | Z      | DEPTH | LITHOLOGY                 | CLASS  |
|------|----------|-------|------------|---------|-------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------|---------|--------|--------|-------|---------------------------|--------|
| 2021 | Pit      | 640   | N2_640_103 | 2200    |             |                    |                     |                     |                   | 0.01               | 0.096              | 7.6      | 7914878 | 563366 | 648.03 | 9.53  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2204    |             |                    |                     |                     |                   | 0.01               | 0.12               | 7.9      | 7914894 | 563373 | 649.46 | 10.96 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2208    |             |                    |                     |                     |                   | 0.01               | 0.038              | 8.4      | 7914912 | 563383 | 648.89 | 10.39 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2210    |             |                    |                     |                     |                   | 0.01               | 0.019              | 8.3      | 7914921 | 563387 | 649.6  | 11.1  | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2212    |             |                    |                     |                     |                   | 0.01               | 0.027              | 8.4      | 7914930 | 563392 | 650.29 | 11.79 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2214    |             |                    |                     |                     |                   | 0.01               | 0.012              | 8.4      | 7914939 | 563396 | 650.68 | 12.18 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2216    |             |                    |                     |                     |                   | 0.03               | 0.088              | 8.6      | 7914947 | 563401 | 651.21 | 12.71 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2218    |             |                    |                     |                     |                   | 0.01               | 0.039              | 8.5      | 7914956 | 563406 | 651.32 | 12.82 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2220    |             |                    |                     |                     |                   | 0.01               | 0.006              | 8.4      | 7914965 | 563410 | 651.21 | 12.71 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2222    |             |                    |                     |                     |                   | 0.01               | 0.004              | 8.5      | 7914974 | 563415 | 650.56 | 12.06 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2224    |             |                    |                     |                     |                   | 0.01               | 0.003              | 8.4      | 7914983 | 563420 | 650.58 | 12.08 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 2226    |             |                    |                     |                     |                   | 0.29               | 0.006              | 8.6      | 7914992 | 563424 | 650.95 | 12.45 | SILICIFIED GRANITE GNEISS | Non-AG |
| 2021 | Pit      | 640   | N2_640_103 | 4011    |             |                    |                     |                     |                   | 0.01               | 0.031              | 8.2      | 7914870 | 563400 | 651.13 | 12.63 | SILICIFIED GRANITE GNEISS | Non-AG |

Notes:  
<sup>1</sup> Laboratory detection limit (LDL) = 0.01%; Non-detects are reported as half the LDL (0.005%).

Table E.6.4: MS-08 East Inflow Sampling Results - 2021

| Analyte                | Sample ID                |         | MS-08-EAST-<br>21_1110 | MS-08-EAST-<br>INFLOW_2021-06-<br>23_1415 | MS-08-EAST-<br>INFLOW_2021-06-<br>26_0910 | MS-08-EAST-<br>INFLOW_2021-06-<br>27_0840 | MS-08-EAST-<br>INFLOW_2021-07-<br>01_0955 | MS-08-EAST-<br>INFLOW_2021-07-<br>05_1445 | MS-08-EAST-<br>INFLOW_2021-07-<br>11_1355 | MS-08-EAST-<br>INFLOW_2021-07-24 | MS-08-EAST-<br>INFLOW_2021-08-<br>06_0920 | MS-08-EAST-<br>INFLOW_2021-08-<br>22_1130 | MS-08-EAST-<br>INFLOW_2021-09-05 |
|------------------------|--------------------------|---------|------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------|-------------------------------------------|----------------------------------|
|                        | ALS Laboratory Sample ID |         | L2603974-2             | L2605651-3                                | L2606859-2                                | L2606871-2                                | L2609262-2                                | L2610945-4                                | L2612337-1                                | L2618285-2                       | L2623788-4                                | L2629919-2                                | L2635846-2                       |
|                        | Sample Date & Time       |         | 2021-06-21 11:10       | 2021-06-23 14:15                          | 2021-06-26 9:10                           | 2021-06-27 8:40                           | 2021-07-01 9:55                           | 2021-07-05 14:45                          | 2021-07-11 13:55                          | 2021-07-24 13:25                 | 2021-08-06 9:20                           | 2021-08-22 11:30                          | 2021-09-05 0:00                  |
|                        | QA/QC Sample Type        |         | N/A                    | N/A                                       | N/A                                       | N/A                                       | N/A                                       | N/A                                       | N/A                                       | N/A                              | N/A                                       | N/A                                       | N/A                              |
|                        | Units                    | LOR     |                        |                                           |                                           |                                           |                                           |                                           |                                           |                                  |                                           |                                           |                                  |
| Conductivity           | umhos/cm                 | 3       | -                      | -                                         | -                                         | -                                         | -                                         | 674                                       | 462                                       | 2010                             | 2060                                      | 2320                                      | 1650                             |
| pH                     | pH units                 | 0.1     | 6.88                   | 6.98                                      | 6.86                                      | 6.95                                      | 6.64                                      | 6.94                                      | 7                                         | 4.99                             | 5.86                                      | 5.91                                      | 7.13                             |
| Total Suspended Solids | mg/L                     | 2       | 165                    | 142                                       | 172                                       | 132                                       | 141                                       | 124                                       | 386                                       | 45.1                             | 20.2                                      | 41.6                                      | 23.5                             |
| Total Dissolved Solids | mg/L                     | 13      | 189                    | 255                                       | 388                                       | 398                                       | 654                                       | 477                                       | 296                                       | 1840                             | 1880                                      | 2220                                      | 1450                             |
| Turbidity              | NTU                      | 0.1     | 69.7                   | 73                                        | 98.5                                      | 62.6                                      | 141                                       | 119                                       | 126                                       | 60.4                             | 62.3                                      | 127                                       | 39.9                             |
| Ammonia, Total (as N)  | mg/L                     | 0.02    | -                      | -                                         | -                                         | -                                         | -                                         | 0.88                                      | 0.394                                     | 1.67                             | 1.54                                      | 1.72                                      | 0.627                            |
| Aluminum (Al)-Total    | mg/L                     | 0.005   | -                      | -                                         | -                                         | -                                         | -                                         | 5.16                                      | 10.4                                      | 3.32                             | 0.701                                     | 2.65                                      | 0.987                            |
| Antimony (Sb)-Total    | mg/L                     | 0.0001  | -                      | -                                         | -                                         | -                                         | -                                         | <0.0010                                   | <0.0010                                   | <0.00020                         | <0.0010                                   | <0.0010                                   | <0.0010                          |
| Arsenic (As)-Total     | mg/L                     | 0.0001  | -                      | -                                         | -                                         | -                                         | -                                         | <0.0010                                   | 0.002                                     | 0.00028                          | <0.0010                                   | <0.0010                                   | <0.0010                          |
| Barium (Ba)-Total      | mg/L                     | 0.0002  | -                      | -                                         | -                                         | -                                         | -                                         | 0.0374                                    | 0.0744                                    | 0.0292                           | 0.0259                                    | 0.0271                                    | 0.0292                           |
| Beryllium (Be)-Total   | mg/L                     | 0.0001  | -                      | -                                         | -                                         | -                                         | -                                         | <0.0010                                   | <0.0010                                   | 0.00146                          | <0.0010                                   | 0.0011                                    | <0.0010                          |
| Bismuth (Bi)-Total     | mg/L                     | 0.00005 | -                      | -                                         | -                                         | -                                         | -                                         | <0.00050                                  | <0.00050                                  | <0.00010                         | <0.00050                                  | <0.00050                                  | <0.00050                         |
| Boron (B)-Total        | mg/L                     | 0.01    | -                      | -                                         | -                                         | -                                         | -                                         | <0.10                                     | <0.10                                     | 0.036                            | <0.10                                     | <0.10                                     | <0.10                            |
| Cadmium (Cd)-Total     | mg/L                     | 0.00001 | -                      | -                                         | -                                         | -                                         | -                                         | 0.000119                                  | 0.000072                                  | 0.000591                         | 0.000387                                  | 0.000606                                  | 0.000265                         |
| Calcium (Ca)-Total     | mg/L                     | 0.5     | -                      | -                                         | -                                         | -                                         | -                                         | 22.2                                      | 17.1                                      | 63.4                             | 75.8                                      | 90.6                                      | 86                               |
| Cesium (Cs)-Total      | mg/L                     | 0.00001 | -                      | -                                         | -                                         | -                                         | -                                         | 0.00048                                   | 0.00137                                   | 0.000129                         | <0.00010                                  | <0.00010                                  | <0.00010                         |
| Chromium (Cr)-Total    | mg/L                     | 0.0005  | -                      | -                                         | -                                         | -                                         | -                                         | 0.0114                                    | 0.0294                                    | 0.00246                          | <0.0050                                   | <0.0050                                   | <0.0050                          |
| Cobalt (Co)-Total      | mg/L                     | 0.0001  | -                      | -                                         | -                                         | -                                         | -                                         | 0.0194                                    | 0.0163                                    | 0.0984                           | 0.0781                                    | 0.114                                     | 0.0538                           |
| Copper (Cu)-Total      | mg/L                     | 0.001   | -                      | -                                         | -                                         | -                                         | -                                         | 0.0396                                    | 0.0391                                    | 0.292                            | 0.115                                     | 0.305                                     | 0.0642                           |
| Iron (Fe)-Total        | mg/L                     | 0.05    | -                      | -                                         | -                                         | -                                         | -                                         | 9.45                                      | 15.6                                      | 21.2                             | 11.5                                      | 15.8                                      | 4.5                              |
| Lead (Pb)-Total        | mg/L                     | 0.00005 | -                      | -                                         | -                                         | -                                         | -                                         | 0.00393                                   | 0.00947                                   | 0.00131                          | <0.00050                                  | <0.00050                                  | <0.00050                         |
| Lithium (Li)-Total     | mg/L                     | 0.001   | -                      | -                                         | -                                         | -                                         | -                                         | <0.010                                    | 0.015                                     | 0.0177                           | 0.017                                     | 0.016                                     | <0.010                           |
| Magnesium (Mg)-Total   | mg/L                     | 0.05    | -                      | -                                         | -                                         | -                                         | -                                         | 71.9                                      | 45.4                                      | 252                              | 270                                       | 308                                       | 193                              |
| Manganese (Mn)-Total   | mg/L                     | 0.0005  | -                      | -                                         | -                                         | -                                         | -                                         | 1.69                                      | 1.08                                      | 7.15                             | 6.36                                      | 7.39                                      | 4.3                              |
| Molybdenum (Mo)-Total  | mg/L                     | 0.00005 | -                      | -                                         | -                                         | -                                         | -                                         | 0.00109                                   | 0.00137                                   | 0.00063                          | 0.00124                                   | 0.00133                                   | 0.00179                          |
| Nickel (Ni)-Total      | mg/L                     | 0.0005  | -                      | -                                         | -                                         | -                                         | -                                         | 0.0238                                    | 0.031                                     | 0.0805                           | 0.0692                                    | 0.0854                                    | 0.0406                           |
| Phosphorus (P)-Total   | mg/L                     | 0.05    | -                      | -                                         | -                                         | -                                         | -                                         | <0.50                                     | <0.50                                     | <0.10                            | <0.50                                     | <0.50                                     | <0.50                            |
| Potassium (K)-Total    | mg/L                     | 0.05    | -                      | -                                         | -                                         | -                                         | -                                         | 4.88                                      | 6.39                                      | 6.86                             | 7.44                                      | 7.4                                       | 6.75                             |
| Rubidium (Rb)-Total    | mg/L                     | 0.0002  | -                      | -                                         | -                                         | -                                         | -                                         | 0.0143                                    | 0.0352                                    | 0.0088                           | 0.0066                                    | 0.0062                                    | 0.0055                           |
| Selenium (Se)-Total    | mg/L                     | 0.00005 | -                      | -                                         | -                                         | -                                         | -                                         | 0.00173                                   | 0.00111                                   | 0.00657                          | 0.00826                                   | 0.00896                                   | 0.00559                          |
| Silicon (Si)-Total     | mg/L                     | 0.1     | -                      | -                                         | -                                         | -                                         | -                                         | 8.8                                       | 18.6                                      | 4.19                             | 2.9                                       | 3.5                                       | 2.9                              |
| Silver (Ag)-Total      | mg/L                     | 0.00005 | -                      | -                                         | -                                         | -                                         | -                                         | <0.00050                                  | <0.00050                                  | <0.000020                        | <0.00050                                  | <0.00050                                  | <0.00050                         |
| Sodium (Na)-Total      | mg/L                     | 0.5     | -                      | -                                         | -                                         | -                                         | -                                         | 1.4                                       | 1                                         | 3.19                             | 4                                         | 4.77                                      | 3.86                             |
| Strontium (Sr)-Total   | mg/L                     | 0.001   | -                      | -                                         | -                                         | -                                         | -                                         | 0.029                                     | 0.026                                     | 0.0703                           | 0.089                                     | 0.098                                     | 0.084                            |
| Sulphur (S)-Total      | mg/L                     | 0.5     | -                      | -                                         | -                                         | -                                         | -                                         | 102                                       | 54.1                                      | 392                              | 426                                       | 473                                       | 293                              |
| Tellurium (Te)-Total   | mg/L                     | 0.0002  | -                      | -                                         | -                                         | -                                         | -                                         | <0.0020                                   | <0.0020                                   | <0.00040                         | <0.0020                                   | <0.0020                                   | <0.0020                          |
| Thallium (Tl)-Total    | mg/L                     | 0.00001 | -                      | -                                         | -                                         | -                                         | -                                         | <0.00010                                  | 0.00022                                   | 0.00009                          | <0.00010                                  | <0.00010                                  | <0.00010                         |
| Thorium (Th)-Total     | mg/L                     | 0.0001  | -                      | -                                         | -                                         | -                                         | -                                         | 0.0028                                    | 0.0084                                    | 0.00065                          | <0.0010                                   | <0.0010                                   | <0.0010                          |
| Tin (Sn)-Total         | mg/L                     | 0.0001  | -                      | -                                         | -                                         | -                                         | -                                         | <0.0010                                   | <0.0010                                   | <0.00020                         | <0.0010                                   | <0.0010                                   | <0.0010                          |
| Titanium (Ti)-Total    | mg/L                     | 0.0003  | -                      | -                                         | -                                         | -                                         | -                                         | 0.225                                     | 0.571                                     | 0.0584                           | <0.0030                                   | 0.0128                                    | 0.0231                           |
| Tungsten (W)-Total     | mg/L                     | 0.0001  | -                      | -                                         | -                                         | -                                         | -                                         | <0.0010                                   | <0.0010                                   | <0.00020                         | <0.0010                                   | <0.0010                                   | <0.0010                          |
| Uranium (U)-Total      | mg/L                     | 0.00001 | -                      | -                                         | -                                         | -                                         | -                                         | 0.00171                                   | 0.00246                                   | 0.00261                          | 0.00244                                   | 0.00494                                   | 0.00509                          |
| Vanadium (V)-Total     | mg/L                     | 0.0005  | -                      | -                                         | -                                         | -                                         | -                                         | 0.0072                                    | 0.0189                                    | 0.0019                           | <0.0050                                   | <0.0050                                   | <0.0050                          |
| Zinc (Zn)-Total        | mg/L                     | 0.003   | -                      | -                                         | -                                         | -                                         | -                                         | <0.030                                    | <0.030                                    | 0.025                            | <0.030                                    | <0.030                                    | <0.030                           |
| Zirconium (Zr)-Total   | mg/L                     | 0.0003  | -                      | -                                         | -                                         | -                                         | -                                         | <0.0020                                   | 0.0057                                    | 0.00101                          | <0.0020                                   | <0.0020                                   | <0.0020                          |

Table E.6.5: MS-08 West Inflow Sampling Results - 2021

| Analyte                | Sample ID                |         | MS-08-WEST-<br>INFLOW_2021-06-<br>21 1225 | MS-08-WEST-<br>INFLOW_2021-06-<br>26 1130 | MS-08-WEST-<br>INFLOW_2021-06-<br>27 0920 | MS-08-WEST-<br>INFLOW_2021-07-<br>01 1035 | MS-08-WEST-<br>INFLOW_2021-07-<br>05 1030 | MS-08-WEST-<br>INFLOW_2021-07-<br>11 1520 | MS-08-WEST-<br>INFLOW_2021-07-24 | MS-08-WEST-<br>INFLOW_2021-08-<br>06 1015 | MS-08-WEST-<br>INFLOW_2021-08-<br>22 0915 | MS-08-WEST-<br>INFLOW_2021-09-<br>05 1615 |
|------------------------|--------------------------|---------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|
|                        | ALS Laboratory Sample ID |         | L2603974-4                                | L2606859-5                                | L2606871-5                                | L2609262-5                                | L2610945-3                                | L2612337-6                                | L2618285-7                       | L2623788-3                                | L2629919-4                                | L2635846-3                                |
|                        | Sample Date & Time       |         | 2021-06-21 12:25                          | 2021-06-26 11:30                          | 2021-06-27 9:20                           | 2021-07-01 10:35                          | 2021-07-05 10:30                          | 2021-07-11 15:20                          | 2021-07-24 15:20                 | 2021-08-06 10:15                          | 2021-08-22 9:15                           | 2021-09-05 16:45                          |
|                        | QA/QC Sample Type        |         | N/A                                       | N/A                                       | N/A                                       | N/A                                       | N/A                                       | N/A                                       | N/A                              | N/A                                       | N/A                                       | N/A                                       |
|                        | Units                    | LOR     |                                           |                                           |                                           |                                           |                                           |                                           |                                  |                                           |                                           |                                           |
| Conductivity           | umhos/cm                 | 3       | -                                         | -                                         | -                                         | -                                         | 1770                                      | 1550                                      | 2620                             | 2790                                      | 3240                                      | 3560                                      |
| pH                     | pH units                 | 0.1     | 7.47                                      | 7.51                                      | 7.57                                      | 7.46                                      | 7.71                                      | 7.25                                      | 7.42                             | 7.54                                      | 7.72                                      | 7.55                                      |
| Total Suspended Solids | mg/L                     | 2       | 24.2                                      | 104                                       | 2.5                                       | 2380                                      | 23.8                                      | 196                                       | 114                              | 3.8                                       | 4.9                                       | 8.1                                       |
| Total Dissolved Solids | mg/L                     | 13      | 591                                       | 921                                       | 934                                       | 920                                       | 1530                                      | 1210                                      | 2500                             | 2650                                      | 3310                                      | 3610                                      |
| Turbidity              | NTU                      | 0.1     | 25.8                                      | 93.6                                      | 2.64                                      | >4000                                     | 16.3                                      | 151                                       | 10.8                             | 1.88                                      | 3.65                                      | 4.29                                      |
| Ammonia, Total (as N)  | mg/L                     | 0.02    | -                                         | -                                         | -                                         | -                                         | 1.68                                      | 1.27                                      | 2.64                             | 3.01                                      | 2.94                                      | 2.37                                      |
| Aluminum (Al)-Total    | mg/L                     | 0.005   | -                                         | -                                         | -                                         | -                                         | 0.347                                     | 6.32                                      | 3.87                             | 0.096                                     | 0.091                                     | 0.126                                     |
| Antimony (Sb)-Total    | mg/L                     | 0.0001  | -                                         | -                                         | -                                         | -                                         | <0.0010                                   | <0.0010                                   | <0.00020                         | <0.0010                                   | <0.0010                                   | <0.0010                                   |
| Arsenic (As)-Total     | mg/L                     | 0.0001  | -                                         | -                                         | -                                         | -                                         | <0.0010                                   | 0.0015                                    | 0.00077                          | <0.0010                                   | <0.0010                                   | <0.0010                                   |
| Barium (Ba)-Total      | mg/L                     | 0.0002  | -                                         | -                                         | -                                         | -                                         | 0.0497                                    | 0.0608                                    | 0.0696                           | 0.0362                                    | 0.0311                                    | 0.0366                                    |
| Beryllium (Be)-Total   | mg/L                     | 0.0001  | -                                         | -                                         | -                                         | -                                         | <0.0010                                   | <0.0010                                   | <0.00020                         | <0.0010                                   | <0.0010                                   | <0.0010                                   |
| Bismuth (Bi)-Total     | mg/L                     | 0.00005 | -                                         | -                                         | -                                         | -                                         | <0.00050                                  | <0.00050                                  | <0.00010                         | <0.00050                                  | <0.00050                                  | <0.00050                                  |
| Boron (B)-Total        | mg/L                     | 0.01    | -                                         | -                                         | -                                         | -                                         | <0.10                                     | <0.10                                     | 0.036                            | <0.10                                     | <0.10                                     | <0.10                                     |
| Cadmium (Cd)-Total     | mg/L                     | 0.00001 | -                                         | -                                         | -                                         | -                                         | 0.000055                                  | 0.000059                                  | 0.000079                         | 0.000066                                  | 0.000061                                  | 0.000066                                  |
| Calcium (Ca)-Total     | mg/L                     | 0.5     | -                                         | -                                         | -                                         | -                                         | 94.5                                      | 65.5                                      | 126                              | 102                                       | 118                                       | 165                                       |
| Cesium (Cs)-Total      | mg/L                     | 0.00001 | -                                         | -                                         | -                                         | -                                         | <0.00010                                  | 0.00079                                   | 0.00047                          | <0.00010                                  | <0.00010                                  | <0.00010                                  |
| Chromium (Cr)-Total    | mg/L                     | 0.0005  | -                                         | -                                         | -                                         | -                                         | <0.0050                                   | 0.0191                                    | 0.012                            | <0.0050                                   | <0.0050                                   | <0.0050                                   |
| Cobalt (Co)-Total      | mg/L                     | 0.0001  | -                                         | -                                         | -                                         | -                                         | 0.0236                                    | 0.0247                                    | 0.0303                           | 0.0306                                    | 0.0395                                    | 0.0481                                    |
| Copper (Cu)-Total      | mg/L                     | 0.001   | -                                         | -                                         | -                                         | -                                         | <0.0050                                   | 0.0127                                    | 0.0095                           | <0.0050                                   | <0.0050                                   | 0.0061                                    |
| Iron (Fe)-Total        | mg/L                     | 0.05    | -                                         | -                                         | -                                         | -                                         | 0.78                                      | 11.8                                      | 6.74                             | 0.4                                       | 0.47                                      | 0.48                                      |
| Lead (Pb)-Total        | mg/L                     | 0.00005 | -                                         | -                                         | -                                         | -                                         | <0.00050                                  | 0.0051                                    | 0.00395                          | <0.00050                                  | <0.00050                                  | <0.00050                                  |
| Lithium (Li)-Total     | mg/L                     | 0.001   | -                                         | -                                         | -                                         | -                                         | <0.010                                    | 0.015                                     | 0.0169                           | 0.015                                     | 0.015                                     | 0.01                                      |
| Magnesium (Mg)-Total   | mg/L                     | 0.05    | -                                         | -                                         | -                                         | -                                         | 200                                       | 171                                       | 324                              | 400                                       | 482                                       | 529                                       |
| Manganese (Mn)-Total   | mg/L                     | 0.0005  | -                                         | -                                         | -                                         | -                                         | 1.82                                      | 1.69                                      | 2.42                             | 2.16                                      | 2.85                                      | 3.66                                      |
| Molybdenum (Mo)-Total  | mg/L                     | 0.00005 | -                                         | -                                         | -                                         | -                                         | 0.00305                                   | 0.00358                                   | 0.00803                          | 0.00965                                   | 0.0108                                    | 0.00701                                   |
| Nickel (Ni)-Total      | mg/L                     | 0.0005  | -                                         | -                                         | -                                         | -                                         | 0.0225                                    | 0.0381                                    | 0.0377                           | 0.0327                                    | 0.0395                                    | 0.0459                                    |
| Phosphorus (P)-Total   | mg/L                     | 0.05    | -                                         | -                                         | -                                         | -                                         | <0.50                                     | <0.50                                     | 0.13                             | <0.50                                     | <0.50                                     | <0.50                                     |
| Potassium (K)-Total    | mg/L                     | 0.05    | -                                         | -                                         | -                                         | -                                         | 5.97                                      | 7.5                                       | 11.4                             | 9.31                                      | 8.75                                      | 8.28                                      |
| Rubidium (Rb)-Total    | mg/L                     | 0.0002  | -                                         | -                                         | -                                         | -                                         | 0.0075                                    | 0.0251                                    | 0.0198                           | 0.0085                                    | 0.0076                                    | 0.0072                                    |
| Selenium (Se)-Total    | mg/L                     | 0.00005 | -                                         | -                                         | -                                         | -                                         | 0.00417                                   | 0.00364                                   | 0.00833                          | 0.01                                      | 0.0113                                    | 0.0116                                    |
| Silicon (Si)-Total     | mg/L                     | 0.1     | -                                         | -                                         | -                                         | -                                         | 2.2                                       | 12.8                                      | 9.08                             | 2.2                                       | 2.3                                       | 2.4                                       |
| Silver (Ag)-Total      | mg/L                     | 0.00005 | -                                         | -                                         | -                                         | -                                         | <0.00050                                  | <0.00050                                  | 0.000027                         | <0.00050                                  | <0.00050                                  | <0.00050                                  |
| Sodium (Na)-Total      | mg/L                     | 0.5     | -                                         | -                                         | -                                         | -                                         | 3.54                                      | 2.92                                      | 6.17                             | 5.67                                      | 6.3                                       | 6.55                                      |
| Strontium (Sr)-Total   | mg/L                     | 0.001   | -                                         | -                                         | -                                         | -                                         | 0.091                                     | 0.075                                     | 0.154                            | 0.15                                      | 0.174                                     | 0.196                                     |
| Sulphur (S)-Total      | mg/L                     | 0.5     | -                                         | -                                         | -                                         | -                                         | 309                                       | 259                                       | 515                              | 562                                       | 671                                       | 742                                       |
| Tellurium (Te)-Total   | mg/L                     | 0.0002  | -                                         | -                                         | -                                         | -                                         | <0.0020                                   | <0.0020                                   | <0.00040                         | <0.0020                                   | <0.0020                                   | <0.0020                                   |
| Thallium (Tl)-Total    | mg/L                     | 0.00001 | -                                         | -                                         | -                                         | -                                         | <0.00010                                  | 0.00017                                   | 0.000113                         | <0.00010                                  | <0.00010                                  | <0.00010                                  |
| Thorium (Th)-Total     | mg/L                     | 0.0001  | -                                         | -                                         | -                                         | -                                         | <0.0010                                   | 0.0047                                    | 0.0037                           | <0.0010                                   | <0.0010                                   | <0.0010                                   |
| Tin (Sn)-Total         | mg/L                     | 0.0001  | -                                         | -                                         | -                                         | -                                         | <0.0010                                   | <0.0010                                   | <0.00020                         | <0.0010                                   | <0.0010                                   | <0.0010                                   |
| Titanium (Ti)-Total    | mg/L                     | 0.0003  | -                                         | -                                         | -                                         | -                                         | 0.0228                                    | 0.351                                     | 0.252                            | <0.0050                                   | <0.0040                                   | 0.0068                                    |
| Tungsten (W)-Total     | mg/L                     | 0.0001  | -                                         | -                                         | -                                         | -                                         | <0.0010                                   | <0.0010                                   | <0.00020                         | <0.0010                                   | <0.0010                                   | <0.0010                                   |
| Uranium (U)-Total      | mg/L                     | 0.00001 | -                                         | -                                         | -                                         | -                                         | 0.00343                                   | 0.0039                                    | 0.00928                          | 0.00664                                   | 0.00877                                   | 0.0102                                    |
| Vanadium (V)-Total     | mg/L                     | 0.0005  | -                                         | -                                         | -                                         | -                                         | <0.0050                                   | 0.0126                                    | 0.0097                           | <0.0050                                   | <0.0050                                   | <0.0050                                   |
| Zinc (Zn)-Total        | mg/L                     | 0.003   | -                                         | -                                         | -                                         | -                                         | <0.030                                    | <0.030                                    | 0.0118                           | <0.030                                    | <0.030                                    | <0.030                                    |
| Zirconium (Zr)-Total   | mg/L                     | 0.0003  | -                                         | -                                         | -                                         | -                                         | <0.0020                                   | 0.0024                                    | 0.00246                          | <0.0020                                   | <0.0020                                   | <0.0020                                   |

Table E.6.6: MS-08 WRP Interior Drainage Sampling Results - 2021

| Analyte                | Sample ID                |         | WRP-21-09_2021-07-05_1110 | WRP-21-08_2021-07-05_1125 | WRP-21-07_2021-07-05_1155 | WRP-21-06_2021-07-05_1245 | WRP-21-05_2021-07-05_1300 | WRP-21-04_2021-07-05_1320 | WRP-21-03_2021-07-05_1340 | WRP-21-02_2021-07-05_1350 | WRP-21-01_2021-07-05_1410 | WRP-21-13_2021-07-05_1505 | WRP-21-12_2021-07-05_1520 |
|------------------------|--------------------------|---------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|                        | ALS Laboratory Sample ID |         | L2610912-1                | L2610912-2                | L2610912-3                | L2610912-4                | L2610912-5                | L2610912-6                | L2610912-7                | L2610912-8                | L2610912-9                | L2610912-10               | L2610912-11               |
|                        | Sample Date & Time       |         | 2021-07-05 11:10          | 2021-07-05 11:25          | 2021-07-05 11:55          | 2021-07-05 12:45          | 2021-07-05 13:00          | 2021-07-05 13:20          | 2021-07-05 13:40          | 2021-07-05 13:50          | 2021-07-05 14:10          | 2021-07-05 15:05          | 2021-07-05 15:25          |
|                        | QA/QC Sample Type        |         | N/A                       | N/A                       | N/A                       | N/A                       | N/A                       | N/A                       | N/A                       | N/A                       | N/A                       | N/A                       | N/A                       |
|                        | Units                    | LOR     |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |
| Conductivity           | umhos/cm                 | 3       | 2550                      | 1660                      | 2860                      | 1550                      | 1530                      | 2760                      | 2300                      | 915                       | 727                       | 1800                      | 1080                      |
| pH                     | pH units                 | 0.1     | 5.91                      | 6.87                      | 7.11                      | 7.21                      | 7.52                      | 7.52                      | 7.68                      | 7.7                       | 7.84                      | 4.57                      | 6.98                      |
| Total Suspended Solids | mg/L                     | 2       | 238                       | 242                       | 149                       | 415                       | 260                       | 2150                      | 179                       | 1350                      | 613                       | 69.4                      | 892                       |
| Total Dissolved Solids | mg/L                     | 13      | 2440                      | 1450                      | 2780                      | 1280                      | 1210                      | 2490                      | 2040                      | 642                       | 485                       | 1520                      | 855                       |
| Turbidity              | NTU                      | 0.1     | 91.7                      | 80.7                      | 59.5                      | 54.7                      | 26.4                      | 3910                      | 29                        | 1300                      | 246                       | 60.1                      | 320                       |
| Ammonia, Total (as N)  | mg/L                     | 0.02    | 2.32                      | 1.55                      | 2.15                      | 3.07                      | 4.19                      | 4.85                      | 3.79                      | 0.7                       | 0.88                      | 1.67                      | 1.04                      |
| Aluminum (Al)-Total    | mg/L                     | 0.005   | 9.11                      | 1.48                      | 3.14                      | 5.95                      | 7.81                      | 68.4                      | 6.55                      | 19.8                      | 6.64                      | 1.61                      | 10.4                      |
| Antimony (Sb)-Total    | mg/L                     | 0.0001  | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   |
| Arsenic (As)-Total     | mg/L                     | 0.0001  | 0.0031                    | <0.0010                   | <0.0010                   | 0.0011                    | 0.002                     | 0.0143                    | 0.0012                    | 0.0044                    | 0.0016                    | <0.0010                   | 0.0019                    |
| Barium (Ba)-Total      | mg/L                     | 0.0002  | 0.0386                    | 0.0215                    | 0.0359                    | 0.0573                    | 0.0929                    | 0.26                      | 0.0958                    | 0.142                     | 0.0548                    | 0.0334                    | 0.0876                    |
| Beryllium (Be)-Total   | mg/L                     | 0.0001  | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | 0.0028                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | 0.0012                    |
| Bismuth (Bi)-Total     | mg/L                     | 0.00005 | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | 0.00072                   | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  |
| Boron (B)-Total        | mg/L                     | 0.01    | <0.10                     | <0.10                     | <0.10                     | <0.10                     | <0.10                     | <0.10                     | <0.10                     | <0.10                     | <0.10                     | <0.10                     | <0.10                     |
| Cadmium (Cd)-Total     | mg/L                     | 0.00001 | 0.000921                  | 0.000184                  | 0.000098                  | 0.000062                  | 0.000079                  | 0.00024                   | <0.000050                 | 0.000076                  | <0.000050                 | 0.000462                  | 0.000056                  |
| Calcium (Ca)-Total     | mg/L                     | 0.5     | 69.3                      | 59.7                      | 82.3                      | 40.9                      | 61.7                      | 106                       | 104                       | 66                        | 48.1                      | 66.3                      | 74.2                      |
| Cesium (Cs)-Total      | mg/L                     | 0.00001 | 0.00028                   | <0.00010                  | 0.00017                   | 0.00068                   | 0.00129                   | 0.0049                    | 0.00041                   | 0.00204                   | 0.00059                   | 0.00015                   | 0.00076                   |
| Chromium (Cr)-Total    | mg/L                     | 0.0005  | 0.0404                    | 0.0076                    | 0.0096                    | 0.0184                    | 0.025                     | 0.208                     | 0.0333                    | 0.0895                    | 0.0239                    | <0.0050                   | 0.0132                    |
| Cobalt (Co)-Total      | mg/L                     | 0.0001  | 0.171                     | 0.0183                    | 0.016                     | 0.0114                    | 0.0145                    | 0.0719                    | 0.0154                    | 0.0182                    | 0.0085                    | 0.0714                    | 0.0139                    |
| Copper (Cu)-Total      | mg/L                     | 0.001   | 0.0382                    | <0.0050                   | 0.0069                    | 0.0081                    | 0.0139                    | 0.124                     | 0.0132                    | 0.0442                    | 0.0113                    | 0.024                     | 0.0249                    |
| Iron (Fe)-Total        | mg/L                     | 0.05    | 16.4                      | 2.87                      | 5.6                       | 9.1                       | 11.7                      | 100                       | 11.5                      | 29.5                      | 10.9                      | 19.6                      | 16                        |
| Lead (Pb)-Total        | mg/L                     | 0.00005 | 0.00729                   | 0.00061                   | 0.00131                   | 0.00407                   | 0.00755                   | 0.0367                    | 0.00225                   | 0.0158                    | 0.00382                   | 0.00147                   | 0.00738                   |
| Lithium (Li)-Total     | mg/L                     | 0.001   | 0.034                     | <0.010                    | 0.013                     | 0.02                      | 0.026                     | 0.118                     | <0.010                    | 0.027                     | <0.010                    | 0.012                     | 0.02                      |
| Magnesium (Mg)-Total   | mg/L                     | 0.05    | 381                       | 210                       | 442                       | 197                       | 171                       | 393                       | 292                       | 93.4                      | 72.5                      | 218                       | 104                       |
| Manganese (Mn)-Total   | mg/L                     | 0.0005  | 14.5                      | 3.83                      | 2.63                      | 1.07                      | 0.91                      | 2.21                      | 0.566                     | 0.577                     | 0.28                      | 6.17                      | 1.53                      |
| Molybdenum (Mo)-Total  | mg/L                     | 0.00005 | 0.00181                   | 0.00168                   | 0.00183                   | 0.00933                   | 0.0138                    | 0.00108                   | 0.00778                   | 0.00175                   | 0.00086                   | 0.00114                   | 0.00405                   |
| Nickel (Ni)-Total      | mg/L                     | 0.0005  | 0.256                     | 0.0221                    | 0.0215                    | 0.0198                    | 0.0275                    | 0.208                     | 0.0259                    | 0.0639                    | 0.0228                    | 0.0736                    | 0.0234                    |
| Phosphorus (P)-Total   | mg/L                     | 0.05    | <0.50                     | <0.50                     | <0.50                     | <0.50                     | <0.50                     | 1.69                      | <0.50                     | 0.74                      | <0.50                     | <0.50                     | 0.66                      |
| Potassium (K)-Total    | mg/L                     | 0.05    | 8.13                      | 6.41                      | 8.3                       | 12.2                      | 16.3                      | 16                        | 7.65                      | 6.99                      | 3.18                      | 6.88                      | 11.8                      |
| Rubidium (Rb)-Total    | mg/L                     | 0.0002  | 0.0134                    | 0.0062                    | 0.0083                    | 0.024                     | 0.0421                    | 0.125                     | 0.0193                    | 0.0585                    | 0.0186                    | 0.008                     | 0.0236                    |
| Selenium (Se)-Total    | mg/L                     | 0.00005 | 0.00833                   | 0.00516                   | 0.00477                   | 0.00427                   | 0.00515                   | 0.00805                   | 0.00792                   | 0.00234                   | 0.00116                   | 0.00708                   | 0.0043                    |
| Silicon (Si)-Total     | mg/L                     | 0.1     | 14                        | 3.4                       | 6                         | 10.5                      | 14.8                      | 63.7                      | 11.3                      | 30.6                      | 10.7                      | 4.6                       | 14.9                      |
| Silver (Ag)-Total      | mg/L                     | 0.00005 | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  |
| Sodium (Na)-Total      | mg/L                     | 0.5     | 3.47                      | 3.5                       | 4.55                      | 4.67                      | 7.08                      | 6.28                      | 4.65                      | 2.31                      | 1.89                      | 3.38                      | 3.61                      |
| Strontium (Sr)-Total   | mg/L                     | 0.001   | 0.113                     | 0.082                     | 0.106                     | 0.107                     | 0.154                     | 0.163                     | 0.119                     | 0.054                     | 0.034                     | 0.084                     | 0.055                     |
| Sulphur (S)-Total      | mg/L                     | 0.5     | 561                       | 318                       | 642                       | 254                       | 211                       | 428                       | 367                       | 100                       | 82.3                      | 319                       | 186                       |
| Tellurium (Te)-Total   | mg/L                     | 0.0002  | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                   |
| Thallium (Tl)-Total    | mg/L                     | 0.00001 | 0.00015                   | <0.00010                  | <0.00010                  | 0.00012                   | 0.00025                   | 0.00104                   | <0.00010                  | 0.0004                    | 0.00012                   | <0.00010                  | 0.00015                   |
| Thorium (Th)-Total     | mg/L                     | 0.0001  | 0.0013                    | <0.0010                   | <0.0010                   | 0.0015                    | 0.0024                    | 0.0297                    | 0.0015                    | 0.0106                    | 0.0019                    | <0.0010                   | 0.0038                    |
| Tin (Sn)-Total         | mg/L                     | 0.0001  | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   |
| Titanium (Ti)-Total    | mg/L                     | 0.0003  | 0.15                      | 0.0401                    | 0.0738                    | 0.247                     | 0.519                     | 2.18                      | 0.209                     | 1.07                      | 0.268                     | 0.0648                    | 0.341                     |
| Tungsten (W)-Total     | mg/L                     | 0.0001  | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   |
| Uranium (U)-Total      | mg/L                     | 0.00001 | 0.00299                   | 0.00148                   | 0.00072                   | 0.00365                   | 0.00822                   | 0.0146                    | 0.00344                   | 0.00395                   | 0.00301                   | 0.0104                    | 0.00648                   |
| Vanadium (V)-Total     | mg/L                     | 0.0005  | 0.0101                    | <0.0050                   | <0.0050                   | 0.0105                    | 0.0183                    | 0.0518                    | 0.0106                    | 0.0424                    | 0.011                     | <0.0050                   | 0.0135                    |
| Zinc (Zn)-Total        | mg/L                     | 0.003   | 0.032                     | <0.030                    | <0.030                    | <0.030                    | <0.030                    | 0.139                     | <0.030                    | 0.051                     | <0.030                    | <0.030                    | <0.030                    |
| Zirconium (Zr)-Total   | mg/L                     | 0.0003  | 0.0022                    | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                   | 0.0071                    | <0.0020                   | 0.0025                    | <0.0020                   | <0.0020                   | 0.0038                    |

Table E.6.6: MS-08 WRP Interior Drainage Sampling Results - 2021

| Analyte                | Sample ID                |         | WRP-21-11_2021-07-05_1530 | WRP-21-10_2021-07-05_1550 | WRP-21-01_2021-07-11_0910 | WRP-21-02_2021-07-11_0930 | WRP-21-02A_2021-07-11_0945 | WRP-21-04A_2021-07-11_1005 | WRP-21-05_2021-07-11_1025 | WRP-21-06_2021-07-11_1040 | WRP-21-07A_2021-07-11_1110 | WRP-21-07B_2021-07-11_1125 | WRP-21-08_2021-07-11_1140 |
|------------------------|--------------------------|---------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|---------------------------|
|                        | ALS Laboratory Sample ID |         | L2610912-13               | L2610912-14               | L2612335-1                | L2612335-2                | L2612335-3                 | L2612335-4                 | L2612335-5                | L2612335-7                | L2612335-8                 | L2612335-9                 | L2612335-10               |
|                        | Sample Date & Time       |         | 2021-07-05 15:30          | 2021-07-05 15:50          | 2021-07-11 9:10           | 2021-07-11 9:30           | 2021-07-11 9:45            | 2021-07-11 10:05           | 2021-07-11 10:25          | 2021-07-11 10:40          | 2021-07-11 11:10           | 2021-07-11 11:25           | 2021-07-11 11:40          |
|                        | QA/QC Sample Type        |         | N/A                       | N/A                       | N/A                       | N/A                       | N/A                        | N/A                        | N/A                       | N/A                       | N/A                        | N/A                        | N/A                       |
|                        | Units                    | LOR     |                           |                           |                           |                           |                            |                            |                           |                           |                            |                            |                           |
| Conductivity           | umhos/cm                 | 3       | 949                       | 850                       | 2150                      | 1390                      | 3160                       | 4440                       | 1010                      | 1080                      | 1230                       | 333                        | 522                       |
| pH                     | pH units                 | 0.1     | 6.84                      | 7.2                       | 7.51                      | 7.47                      | 7.61                       | 6                          | 7.48                      | 7.54                      | 6.79                       | 7.11                       | 6.83                      |
| Total Suspended Solids | mg/L                     | 2       | 4260                      | 108                       | 230                       | 65.6                      | 41.1                       | 88.9                       | 5.9                       | 111                       | 160                        | 139                        | 69.1                      |
| Total Dissolved Solids | mg/L                     | 13      | 694                       | 647                       | 1880                      | 1050                      | 2840                       | 4560                       | 743                       | 779                       | 974                        | 210                        | 331                       |
| Turbidity              | NTU                      | 0.1     | 1070                      | 82.7                      | 11.3                      | 10.2                      | 6.34                       | 42.6                       | 3.35                      | 11.5                      | 36.1                       | 86.5                       | 22.2                      |
| Ammonia, Total (as N)  | mg/L                     | 0.02    | 0.9                       | 0.266                     | 2.53                      | 0.892                     | 5.65                       | 10.9                       | 1.87                      | 2.37                      | 0.799                      | 0.426                      | 0.48                      |
| Aluminum (Al)-Total    | mg/L                     | 0.005   | 12.7                      | 4.76                      | 0.575                     | 3.78                      | 0.198                      | 1.98                       | 0.281                     | 2.62                      | 3.73                       | 2.79                       | 0.865                     |
| Antimony (Sb)-Total    | mg/L                     | 0.0001  | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                    | <0.0010                   |
| Arsenic (As)-Total     | mg/L                     | 0.0001  | 0.0026                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                    | <0.0010                   |
| Barium (Ba)-Total      | mg/L                     | 0.0002  | 0.103                     | 0.0461                    | 0.0582                    | 0.0697                    | 0.0709                     | 0.0218                     | 0.0147                    | 0.0335                    | 0.0153                     | 0.0203                     | 0.0084                    |
| Beryllium (Be)-Total   | mg/L                     | 0.0001  | 0.0012                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                    | <0.0010                   |
| Bismuth (Bi)-Total     | mg/L                     | 0.00005 | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                   | <0.00050                   | <0.00050                  | <0.00050                  | <0.00050                   | <0.00050                   | <0.00050                  |
| Boron (B)-Total        | mg/L                     | 0.01    | <0.10                     | <0.10                     | <0.10                     | <0.10                     | <0.10                      | <0.10                      | <0.10                     | <0.10                     | <0.10                      | <0.10                      | <0.10                     |
| Cadmium (Cd)-Total     | mg/L                     | 0.00001 | 0.000072                  | 0.000115                  | <0.000050                 | <0.000050                 | <0.000050                  | 0.000117                   | <0.000050                 | <0.000050                 | <0.000050                  | <0.000050                  | <0.000050                 |
| Calcium (Ca)-Total     | mg/L                     | 0.5     | 61.1                      | 39.1                      | 82.8                      | 83.9                      | 103                        | 87.7                       | 27.6                      | 33.5                      | 30.3                       | 10.6                       | 14.9                      |
| Cesium (Cs)-Total      | mg/L                     | 0.00001 | 0.00093                   | 0.00042                   | <0.00010                  | 0.00037                   | <0.00010                   | 0.0001                     | <0.00010                  | 0.00011                   | 0.00011                    | 0.00019                    | <0.00010                  |
| Chromium (Cr)-Total    | mg/L                     | 0.0005  | 0.0142                    | 0.0112                    | <0.0050                   | 0.0173                    | <0.0050                    | 0.0097                     | <0.0050                   | 0.0069                    | 0.0126                     | 0.0072                     | <0.0050                   |
| Cobalt (Co)-Total      | mg/L                     | 0.0001  | 0.016                     | 0.0252                    | 0.0087                    | 0.0085                    | 0.011                      | 0.1                        | 0.0051                    | 0.0066                    | 0.0115                     | 0.0035                     | 0.0055                    |
| Copper (Cu)-Total      | mg/L                     | 0.001   | 0.0378                    | 0.0113                    | <0.0050                   | 0.0299                    | <0.0050                    | 0.008                      | <0.0050                   | 0.0058                    | 0.0057                     | 0.0062                     | <0.0050                   |
| Iron (Fe)-Total        | mg/L                     | 0.05    | 18.6                      | 7.47                      | 1.14                      | 6.07                      | 0.61                       | 17.5                       | 0.49                      | 4.3                       | 7.27                       | 4.56                       | 1.47                      |
| Lead (Pb)-Total        | mg/L                     | 0.00005 | 0.0128                    | 0.00312                   | <0.00050                  | 0.00229                   | <0.00050                   | <0.00050                   | <0.00050                  | 0.0006                    | 0.00091                    | 0.00222                    | <0.00050                  |
| Lithium (Li)-Total     | mg/L                     | 0.001   | 0.023                     | 0.014                     | <0.010                    | <0.010                    | <0.010                     | 0.011                      | <0.010                    | <0.010                    | <0.010                     | <0.010                     | <0.010                    |
| Magnesium (Mg)-Total   | mg/L                     | 0.05    | 92.3                      | 88.2                      | 248                       | 124                       | 402                        | 663                        | 100                       | 103                       | 144                        | 27.2                       | 45.7                      |
| Manganese (Mn)-Total   | mg/L                     | 0.0005  | 1.37                      | 2.03                      | 0.447                     | 0.123                     | 1.01                       | 5.99                       | 0.565                     | 0.453                     | 1.36                       | 0.321                      | 1.11                      |
| Molybdenum (Mo)-Total  | mg/L                     | 0.00005 | 0.00349                   | 0.00181                   | 0.00068                   | 0.00286                   | 0.0149                     | 0.00095                    | 0.00828                   | 0.0136                    | 0.00079                    | 0.00452                    | 0.00098                   |
| Nickel (Ni)-Total      | mg/L                     | 0.0005  | 0.0257                    | 0.0486                    | 0.0091                    | 0.0132                    | 0.0083                     | 0.082                      | 0.0064                    | 0.0084                    | 0.0168                     | 0.0071                     | 0.0084                    |
| Phosphorus (P)-Total   | mg/L                     | 0.05    | 0.76                      | <0.50                     | <0.50                     | <0.50                     | <0.50                      | <0.50                      | <0.50                     | <0.50                     | <0.50                      | <0.50                      | <0.50                     |
| Potassium (K)-Total    | mg/L                     | 0.05    | 12.2                      | 6.22                      | 2.75                      | 3.61                      | 8.98                       | 5.37                       | 7.92                      | 10.7                      | 2.89                       | 3.32                       | 2.43                      |
| Rubidium (Rb)-Total    | mg/L                     | 0.0002  | 0.033                     | 0.0128                    | 0.0082                    | 0.0161                    | 0.013                      | 0.0101                     | 0.0079                    | 0.0115                    | 0.0046                     | 0.0059                     | 0.0031                    |
| Selenium (Se)-Total    | mg/L                     | 0.00005 | 0.00381                   | 0.00345                   | 0.00362                   | 0.00481                   | 0.00802                    | 0.00864                    | 0.00264                   | 0.00389                   | 0.00284                    | 0.00123                    | 0.00127                   |
| Silicon (Si)-Total     | mg/L                     | 0.1     | 17.6                      | 9                         | 1.9                       | 7                         | 2.2                        | 4.5                        | 1.8                       | 5.1                       | 6                          | 4.9                        | 2.1                       |
| Silver (Ag)-Total      | mg/L                     | 0.00005 | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                   | <0.00050                   | <0.00050                  | <0.00050                  | <0.00050                   | <0.00050                   | <0.00050                  |
| Sodium (Na)-Total      | mg/L                     | 0.5     | 3.15                      | 2.17                      | 2.02                      | 1.96                      | 5.51                       | 4.01                       | 2.59                      | 3.66                      | 1.31                       | 1.38                       | 0.84                      |
| Strontium (Sr)-Total   | mg/L                     | 0.001   | 0.047                     | 0.04                      | 0.075                     | 0.063                     | 0.166                      | 0.118                      | 0.076                     | 0.101                     | 0.028                      | 0.022                      | 0.024                     |
| Sulphur (S)-Total      | mg/L                     | 0.5     | 153                       | 139                       | 365                       | 157                       | 531                        | 888                        | 139                       | 131                       | 212                        | 33.8                       | 69.5                      |
| Tellurium (Te)-Total   | mg/L                     | 0.0002  | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                    | <0.0020                    | <0.0020                   | <0.0020                   | <0.0020                    | <0.0020                    | <0.0020                   |
| Thallium (Tl)-Total    | mg/L                     | 0.00001 | 0.00021                   | <0.00010                  | <0.00010                  | <0.00010                  | <0.00010                   | 0.00011                    | <0.00010                  | <0.00010                  | <0.00010                   | <0.00010                   | <0.00010                  |
| Thorium (Th)-Total     | mg/L                     | 0.0001  | 0.0061                    | 0.0022                    | <0.0010                   | 0.0015                    | <0.0010                    | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                    | <0.0010                   |
| Tin (Sn)-Total         | mg/L                     | 0.0001  | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                    | <0.0010                   |
| Titanium (Ti)-Total    | mg/L                     | 0.0003  | 0.489                     | 0.223                     | 0.0212                    | 0.183                     | <0.0030                    | 0.0355                     | 0.0083                    | 0.0631                    | 0.0676                     | 0.0938                     | 0.0409                    |
| Tungsten (W)-Total     | mg/L                     | 0.0001  | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                    | <0.0010                   |
| Uranium (U)-Total      | mg/L                     | 0.00001 | 0.0115                    | 0.00145                   | 0.00238                   | 0.00231                   | 0.00474                    | 0.00031                    | 0.00358                   | 0.00416                   | 0.00033                    | 0.00212                    | 0.00122                   |
| Vanadium (V)-Total     | mg/L                     | 0.0005  | 0.0177                    | 0.008                     | <0.0050                   | 0.0075                    | <0.0050                    | <0.0050                    | <0.0050                   | <0.0050                   | <0.0050                    | <0.0050                    | <0.0050                   |
| Zinc (Zn)-Total        | mg/L                     | 0.003   | <0.030                    | <0.030                    | <0.030                    | <0.030                    | <0.030                     | <0.030                     | <0.030                    | <0.030                    | <0.030                     | <0.030                     | <0.030                    |
| Zirconium (Zr)-Total   | mg/L                     | 0.0003  | 0.0037                    | 0.0024                    | <0.0020                   | <0.0020                   | <0.0020                    | <0.0020                    | <0.0020                   | <0.0020                   | <0.0020                    | <0.0020                    | <0.0020                   |

Table E.6.6: MS-08 WRP Interior Drainage Sampling Results - 2021

| Analyte                | Sample ID                |         | WRP-21-09_2021-07-11_1200 | WRP-21-10_2021-07-11_1240 | WRP-21-10A_2021-07-11_1255 | WRP-21-11_2021-07-11_1310 | WRP-21-13_2021-07-11_1320 | WRP-21-14_2021-07-12_1300 | WRP-21-15_2021-07-12_1325 | WRP-21-16_2021-07-12_1340 | WRP-21-17_2021-07-12_1350 | WRP-21-18_2021-07-12_1435 | WRP-21-19_2021-07-12_1450 |
|------------------------|--------------------------|---------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|                        | ALS Laboratory Sample ID |         | L2612335-11               | L2612335-12               | L2612335-13                | L2612335-14               | L2612335-15               | L2612842-1                | L2612842-2                | L2612842-3                | L2612842-4                | L2612842-5                | L2612842-6                |
|                        | Sample Date & Time       |         | 2021-07-11 12:00          | 2021-07-11 12:40          | 2021-07-11 12:55           | 2021-07-11 13:10          | 2021-07-11 13:20          | 2021-07-12 13:00          | 2021-07-12 13:25          | 2021-07-12 13:40          | 2021-07-12 13:50          | 2021-07-12 14:35          | 2021-07-12 14:50          |
|                        | QA/QC Sample Type        |         | N/A                       | N/A                       | N/A                        | N/A                       | N/A                       | N/A                       | N/A                       | N/A                       | N/A                       | N/A                       | N/A                       |
|                        | Units                    | LOR     |                           |                           |                            |                           |                           |                           |                           |                           |                           |                           |                           |
| Conductivity           | umhos/cm                 | 3       | 1590                      | 874                       | 249                        | 286                       | 1930                      | 2020                      | 1590                      | 1280                      | 1230                      | 619                       | 762                       |
| pH                     | pH units                 | 0.1     | 5.82                      | 7.23                      | 6.73                       | 6.76                      | 5.92                      | 4.8                       | 6.41                      | 6.66                      | 6.57                      | 7.18                      | 7.42                      |
| Total Suspended Solids | mg/L                     | 2       | 91.7                      | 136                       | 59.5                       | 62.3                      | 128                       | 110                       | 29.5                      | 59.5                      | 63.5                      | 184                       | 67.5                      |
| Total Dissolved Solids | mg/L                     | 13      | 1330                      | 643                       | 150                        | 176                       | 1640                      | 1670                      | 1280                      | 1010                      | 923                       | 403                       | 473                       |
| Turbidity              | NTU                      | 0.1     | 17                        | 41                        | 31.9                       | 11.3                      | 47.6                      | 52.7                      | 45.4                      | 54.6                      | 43.1                      | 129                       | 53.7                      |
| Ammonia, Total (as N)  | mg/L                     | 0.02    | 1.43                      | 0.317                     | 0.228                      | 0.232                     | 1.29                      | 1.89                      | 1.52                      | 1.3                       | 1.54                      | 0.599                     | 2.87                      |
| Aluminum (Al)-Total    | mg/L                     | 0.005   | 11.2                      | 3.02                      | 1.15                       | 0.769                     | 4.56                      | 5.39                      | 2.27                      | 4.27                      | 1.63                      | 4.67                      | 1.45                      |
| Antimony (Sb)-Total    | mg/L                     | 0.0001  | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   |
| Arsenic (As)-Total     | mg/L                     | 0.0001  | 0.0038                    | <0.0010                   | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   |
| Barium (Ba)-Total      | mg/L                     | 0.0002  | 0.0531                    | 0.0506                    | 0.0124                     | 0.0096                    | 0.0487                    | 0.0385                    | 0.0146                    | 0.0331                    | 0.0162                    | 0.0341                    | 0.021                     |
| Beryllium (Be)-Total   | mg/L                     | 0.0001  | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                   | <0.0010                   | 0.001                     | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   |
| Bismuth (Bi)-Total     | mg/L                     | 0.00005 | <0.00050                  | <0.00050                  | <0.00050                   | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  |
| Boron (B)-Total        | mg/L                     | 0.01    | <0.10                     | <0.10                     | <0.10                      | <0.10                     | <0.10                     | <0.10                     | <0.10                     | <0.10                     | <0.10                     | <0.10                     | <0.10                     |
| Cadmium (Cd)-Total     | mg/L                     | 0.00001 | 0.000486                  | 0.000055                  | <0.000050                  | <0.000050                 | 0.000275                  | 0.000339                  | 0.000056                  | 0.000061                  | 0.00006                   | <0.000050                 | <0.000050                 |
| Calcium (Ca)-Total     | mg/L                     | 0.5     | 40.4                      | 37.2                      | 7.98                       | 13.5                      | 66.2                      | 43.5                      | 30.2                      | 28.5                      | 25.2                      | 26.6                      | 33.9                      |
| Cesium (Cs)-Total      | mg/L                     | 0.00001 | 0.00044                   | 0.00028                   | <0.00010                   | <0.00010                  | 0.00037                   | 0.00032                   | 0.00011                   | 0.0003                    | <0.00010                  | 0.00022                   | 0.00016                   |
| Chromium (Cr)-Total    | mg/L                     | 0.0005  | 0.0492                    | 0.0063                    | <0.0050                    | <0.0050                   | <0.0050                   | 0.0097                    | 0.0072                    | 0.0136                    | <0.0050                   | 0.0233                    | <0.0050                   |
| Cobalt (Co)-Total      | mg/L                     | 0.0001  | 0.0888                    | 0.0135                    | 0.0063                     | 0.0017                    | 0.0433                    | 0.099                     | 0.0197                    | 0.0222                    | 0.0184                    | 0.01                      | 0.0068                    |
| Copper (Cu)-Total      | mg/L                     | 0.001   | 0.0391                    | 0.007                     | <0.0050                    | 0.0052                    | 0.023                     | 0.0341                    | 0.0056                    | 0.0125                    | 0.0068                    | 0.0107                    | <0.0050                   |
| Iron (Fe)-Total        | mg/L                     | 0.05    | 20.9                      | 4.51                      | 1.84                       | 1.4                       | 16.5                      | 32.2                      | 4.76                      | 8.19                      | 4.21                      | 9.09                      | 2.05                      |
| Lead (Pb)-Total        | mg/L                     | 0.00005 | 0.00388                   | 0.00286                   | 0.00091                    | 0.00065                   | 0.00402                   | 0.0018                    | 0.00052                   | 0.00154                   | <0.00050                  | 0.00164                   | 0.00153                   |
| Lithium (Li)-Total     | mg/L                     | 0.001   | 0.023                     | <0.010                    | <0.010                     | <0.010                    | 0.012                     | 0.035                     | 0.012                     | 0.013                     | <0.010                    | 0.01                      | <0.010                    |
| Magnesium (Mg)-Total   | mg/L                     | 0.05    | 188                       | 78                        | 18.3                       | 20.5                      | 217                       | 261                       | 201                       | 154                       | 147                       | 55.3                      | 58.4                      |
| Manganese (Mn)-Total   | mg/L                     | 0.0005  | 6.95                      | 1.36                      | 0.461                      | 0.267                     | 4.49                      | 6.82                      | 2.27                      | 2.25                      | 2.02                      | 0.76                      | 0.212                     |
| Molybdenum (Mo)-Total  | mg/L                     | 0.00005 | 0.00257                   | 0.00278                   | 0.00131                    | 0.00115                   | 0.00154                   | 0.00103                   | 0.00101                   | 0.00128                   | 0.00119                   | 0.00408                   | 0.0255                    |
| Nickel (Ni)-Total      | mg/L                     | 0.0005  | 0.148                     | 0.0232                    | 0.0133                     | 0.0321                    | 0.05                      | 0.166                     | 0.0179                    | 0.0211                    | 0.0145                    | 0.0174                    | <0.0050                   |
| Phosphorus (P)-Total   | mg/L                     | 0.05    | <0.50                     | <0.50                     | <0.50                      | <0.50                     | <0.50                     | <0.50                     | <0.50                     | <0.50                     | <0.50                     | <0.50                     | <0.50                     |
| Potassium (K)-Total    | mg/L                     | 0.05    | 6.57                      | 7.13                      | 2.89                       | 3                         | 9.62                      | 6.09                      | 4.55                      | 4.53                      | 3.48                      | 5.55                      | 11.3                      |
| Rubidium (Rb)-Total    | mg/L                     | 0.0002  | 0.0168                    | 0.01                      | 0.0038                     | 0.0038                    | 0.0171                    | 0.0146                    | 0.0061                    | 0.0108                    | 0.0046                    | 0.0077                    | 0.0087                    |
| Selenium (Se)-Total    | mg/L                     | 0.00005 | 0.00481                   | 0.00347                   | 0.00079                    | 0.00078                   | 0.00665                   | 0.00773                   | 0.00594                   | 0.0059                    | 0.00544                   | 0.00224                   | 0.00271                   |
| Silicon (Si)-Total     | mg/L                     | 0.1     | 16.3                      | 6.1                       | 2.8                        | 1.7                       | 7.9                       | 9.8                       | 5.4                       | 8                         | 4.2                       | 7.7                       | 4.3                       |
| Silver (Ag)-Total      | mg/L                     | 0.00005 | <0.00050                  | <0.00050                  | <0.00050                   | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                  |
| Sodium (Na)-Total      | mg/L                     | 0.5     | 1.78                      | 2.95                      | 1.37                       | 0.59                      | 2.79                      | 2.34                      | 2.85                      | 2.48                      | 2.32                      | 2.39                      | 6.3                       |
| Strontium (Sr)-Total   | mg/L                     | 0.001   | 0.068                     | 0.049                     | 0.012                      | 0.01                      | 0.091                     | 0.056                     | 0.055                     | 0.051                     | 0.043                     | 0.033                     | 0.103                     |
| Sulphur (S)-Total      | mg/L                     | 0.5     | 278                       | 124                       | 27.4                       | 37.1                      | 325                       | 375                       | 270                       | 204                       | 188                       | 76.8                      | 62.9                      |
| Tellurium (Te)-Total   | mg/L                     | 0.0002  | <0.0020                   | <0.0020                   | <0.0020                    | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                   |
| Thallium (Tl)-Total    | mg/L                     | 0.00001 | 0.00019                   | <0.00010                  | <0.00010                   | <0.00010                  | 0.00011                   | 0.00012                   | <0.00010                  | <0.00010                  | <0.00010                  | <0.00010                  | <0.00010                  |
| Thorium (Th)-Total     | mg/L                     | 0.0001  | 0.0014                    | 0.0018                    | <0.0010                    | <0.0010                   | 0.002                     | 0.0014                    | <0.0010                   | 0.0012                    | <0.0010                   | 0.0011                    | 0.001                     |
| Tin (Sn)-Total         | mg/L                     | 0.0001  | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   |
| Titanium (Ti)-Total    | mg/L                     | 0.0003  | 0.24                      | 0.135                     | 0.0408                     | 0.032                     | 0.21                      | 0.203                     | 0.0542                    | 0.145                     | 0.0359                    | 0.103                     | 0.0707                    |
| Tungsten (W)-Total     | mg/L                     | 0.0001  | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                   |
| Uranium (U)-Total      | mg/L                     | 0.00001 | 0.00234                   | 0.00179                   | 0.00085                    | 0.00102                   | 0.0102                    | 0.00262                   | 0.00041                   | 0.0007                    | 0.00036                   | 0.00138                   | 0.0179                    |
| Vanadium (V)-Total     | mg/L                     | 0.0005  | 0.014                     | 0.0053                    | <0.0050                    | <0.0050                   | 0.0055                    | 0.0057                    | <0.0050                   | 0.0058                    | <0.0050                   | 0.007                     | <0.0050                   |
| Zinc (Zn)-Total        | mg/L                     | 0.003   | 0.04                      | <0.030                    | <0.030                     | <0.030                    | <0.030                    | <0.030                    | <0.030                    | <0.030                    | <0.030                    | <0.030                    | <0.030                    |
| Zirconium (Zr)-Total   | mg/L                     | 0.0003  | <0.0020                   | 0.0023                    | <0.0020                    | <0.0020                   | 0.0024                    | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                   |

Table E.6.6: MS-08 WRP Interior Drainage Sampling Results - 2021

| Analyte                | Sample ID                |         | WRP-21-20_2021-07-12_1510 | WRP-21-20_2021-07-22 | WRP-21-19_2021-07-22 | WRP-21-16_2021-07-22 | WRP-21-14_2021-07-22 | WRP-21-13_2021-07-23 | WRP-21-11_2021-07-23 | WRP-21-10_2021-07-23 | WRP-21-09A_2021-07-23 | WRP-21-08_2021-07-23 | WRP-21-02A_2021-07-23 |
|------------------------|--------------------------|---------|---------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------------|-----------------------|
|                        | ALS Laboratory Sample ID |         | L2612842-7                | L2618284-1           | L2618284-2           | L2618284-3           | L2618284-4           | L2618284-5           | L2618284-6           | L2618284-7           | L2618284-9            | L2618284-10          | L2618284-11           |
|                        | Sample Date & Time       |         | 2021-07-12 15:10          | 2021-07-22 13:45     | 2021-07-22 14:00     | 2021 07 22 14:35     | 2021-07-22 15:00     | 2021-07-23 13:00     | 2021-07-23 13:25     | 2021-07-23 13:45     | 2021-07-23 14:25      | 2021-07-23 15:40     | 2021-07-23 16:25      |
|                        | QA/QC Sample Type        |         | N/A                       | N/A                  | N/A                  | N/A                  | N/A                  | N/A                  | N/A                  | N/A                  | N/A                   | N/A                  | N/A                   |
|                        | Units                    | LOR     |                           |                      |                      |                      |                      |                      |                      |                      |                       |                      |                       |
| Conductivity           | umhos/cm                 | 3       | 155                       | 222                  | 1710                 | 1140                 | 2770                 | 2750                 | 1260                 | 1630                 | 4730                  | 1490                 | 1940                  |
| pH                     | pH units                 | 0.1     | 7.47                      | 7.88                 | 7.08                 | 7.45                 | 4.91                 | 5.26                 | 6.96                 | 7.08                 | 5.02                  | 6.84                 | 7.38                  |
| Total Suspended Solids | mg/L                     | 2       | 30.3                      | <2.0                 | 32.7                 | 101                  | 29                   | 10                   | 91.2                 | <2.0                 | 12.2                  | 53.5                 | 33.3                  |
| Total Dissolved Solids | mg/L                     | 13      | 90                        | 135                  | 1390                 | 915                  | 2760                 | 2780                 | 1030                 | 1420                 | 5420                  | 1300                 | 1640                  |
| Turbidity              | NTU                      | 0.1     | 45.3                      | 4                    | 30.1                 | 29                   | 19.6                 | 32.1                 | 41.6                 | 0.74                 | 12.5                  | 8.01                 | 1.14                  |
| Ammonia, Total (as N)  | mg/L                     | 0.02    | 0.0512                    | 0.0838               | 7.15                 | 2.69                 | 2.49                 | 2.44                 | 1.02                 | 0.613                | 3.37                  | 1.43                 | 3.47                  |
| Aluminum (Al)-Total    | mg/L                     | 0.005   | 1.27                      | 0.357                | 0.288                | 2.24                 | 1.78                 | 0.515                | 1.43                 | 0.0546               | 1.56                  | 0.812                | 0.224                 |
| Antimony (Sb)-Total    | mg/L                     | 0.0001  | <0.0010                   | <0.00010             | <0.00010             | <0.00010             | <0.00010             | <0.00050             | <0.00010             | <0.00020             | <0.00050              | <0.00010             | <0.00010              |
| Arsenic (As)-Total     | mg/L                     | 0.0001  | <0.0010                   | 0.00013              | 0.00019              | 0.00037              | 0.00018              | <0.00050             | 0.00022              | <0.00020             | <0.00050              | 0.00024              | 0.00016               |
| Barium (Ba)-Total      | mg/L                     | 0.0002  | 0.0107                    | 0.00903              | 0.0287               | 0.0208               | 0.0263               | 0.0282               | 0.0242               | 0.0169               | 0.0237                | 0.0173               | 0.1                   |
| Beryllium (Be)-Total   | mg/L                     | 0.0001  | <0.0010                   | <0.00010             | <0.00010             | 0.0001               | 0.001                | <0.00050             | <0.00010             | <0.00020             | 0.00092               | <0.00010             | <0.00010              |
| Bismuth (Bi)-Total     | mg/L                     | 0.00005 | <0.00050                  | <0.000050            | <0.000050            | <0.000050            | <0.000050            | <0.00025             | <0.000050            | <0.00010             | <0.00025              | <0.000050            | <0.000050             |
| Boron (B)-Total        | mg/L                     | 0.01    | <0.10                     | <0.010               | 0.066                | 0.042                | 0.043                | <0.050               | 0.052                | 0.044                | 0.088                 | 0.027                | 0.029                 |
| Cadmium (Cd)-Total     | mg/L                     | 0.00001 | <0.000050                 | <0.0000050           | 0.0000736            | 0.0000213            | 0.000491             | 0.000504             | 0.0000605            | 0.000131             | 0.000604              | 0.000143             | 0.0000164             |
| Calcium (Ca)-Total     | mg/L                     | 0.5     | 9.52                      | 16.1                 | 71.2                 | 26.9                 | 79.6                 | 89.3                 | 71.9                 | 77.5                 | 108                   | 38.9                 | 104                   |
| Cesium (Cs)-Total      | mg/L                     | 0.00001 | <0.00010                  | 0.000027             | 0.000071             | 0.000228             | 0.000061             | <0.000050            | 0.000104             | <0.000020            | 0.000057              | 0.000058             | 0.000032              |
| Chromium (Cr)-Total    | mg/L                     | 0.0005  | <0.0050                   | 0.00106              | 0.00031              | 0.00929              | 0.00152              | <0.00050             | 0.00154              | <0.00020             | <0.00050              | 0.00187              | 0.00075               |
| Cobalt (Co)-Total      | mg/L                     | 0.0001  | 0.0012                    | 0.00039              | 0.0674               | 0.00797              | 0.125                | 0.0998               | 0.00542              | 0.0322               | 0.323                 | 0.0145               | 0.00651               |
| Copper (Cu)-Total      | mg/L                     | 0.001   | <0.0050                   | 0.00084              | 0.00385              | 0.00525              | 0.0313               | 0.0297               | 0.00314              | 0.0034               | 0.0064                | 0.00408              | 0.00104               |
| Iron (Fe)-Total        | mg/L                     | 0.05    | 1.94                      | 0.53                 | 2.75                 | 3.48                 | 24.2                 | 14.5                 | 1.95                 | 0.101                | 11.8                  | 1.3                  | 0.533                 |
| Lead (Pb)-Total        | mg/L                     | 0.00005 | 0.00082                   | 0.000186             | 0.000205             | 0.0013               | 0.000263             | 0.00029              | 0.00144              | <0.00010             | <0.00025              | 0.000656             | 0.000085              |
| Lithium (Li)-Total     | mg/L                     | 0.001   | <0.010                    | 0.0024               | 0.0213               | 0.0144               | 0.0253               | 0.0207               | 0.0109               | 0.0158               | 0.0503                | 0.0102               | 0.0046                |
| Magnesium (Mg)-Total   | mg/L                     | 0.05    | 11.8                      | 15.8                 | 168                  | 135                  | 391                  | 381                  | 118                  | 174                  | 793                   | 180                  | 199                   |
| Manganese (Mn)-Total   | mg/L                     | 0.0005  | 0.0444                    | 0.00952              | 3.5                  | 0.592                | 9.14                 | 8.13                 | 1.25                 | 3.63                 | 18.1                  | 2.88                 | 0.12                  |
| Molybdenum (Mo)-Total  | mg/L                     | 0.00005 | 0.00108                   | 0.00206              | 0.0237               | 0.00922              | 0.000445             | 0.00094              | 0.00402              | 0.00385              | 0.00117               | 0.00372              | 0.00967               |
| Nickel (Ni)-Total      | mg/L                     | 0.0005  | <0.0050                   | 0.00084              | 0.0587               | 0.00741              | 0.156                | 0.121                | 0.0107               | 0.0551               | 0.539                 | 0.0176               | 0.00148               |
| Phosphorus (P)-Total   | mg/L                     | 0.05    | <0.50                     | <0.050               | <0.050               | 0.085                | <0.050               | <0.25                | 0.051                | <0.10                | <0.25                 | <0.050               | <0.050                |
| Potassium (K)-Total    | mg/L                     | 0.05    | 2.4                       | 2.69                 | 16.5                 | 7.74                 | 6.76                 | 7.75                 | 10.6                 | 9.28                 | 10.6                  | 6.34                 | 7.72                  |
| Rubidium (Rb)-Total    | mg/L                     | 0.0002  | 0.0035                    | 0.00245              | 0.0104               | 0.0105               | 0.0065               | 0.0061               | 0.00873              | 0.00423              | 0.0104                | 0.00591              | 0.0106                |
| Selenium (Se)-Total    | mg/L                     | 0.00005 | <0.00050                  | 0.00017              | 0.00646              | 0.00914              | 0.0127               | 0.0107               | 0.00448              | 0.00779              | 0.0202                | 0.00711              | 0.00725               |
| Silicon (Si)-Total     | mg/L                     | 0.1     | 2.4                       | 1.28                 | 2.97                 | 5.05                 | 4.25                 | 3.48                 | 4.19                 | 2.69                 | 5.87                  | 2.71                 | 1.91                  |
| Silver (Ag)-Total      | mg/L                     | 0.00005 | <0.00050                  | <0.000010            | <0.000010            | 0.000015             | <0.000010            | <0.000050            | <0.000010            | <0.000020            | <0.000050             | <0.000010            | <0.000010             |
| Sodium (Na)-Total      | mg/L                     | 0.5     | <0.50                     | 0.529                | 12.5                 | 3.66                 | 3.81                 | 3.91                 | 3.67                 | 5.87                 | 5.86                  | 3.77                 | 5.15                  |
| Strontium (Sr)-Total   | mg/L                     | 0.001   | <0.010                    | 0.012                | 0.239                | 0.0642               | 0.0997               | 0.116                | 0.0605               | 0.0747               | 0.147                 | 0.0828               | 0.127                 |
| Sulphur (S)-Total      | mg/L                     | 0.5     | 11.2                      | 15.1                 | 214                  | 178                  | 644                  | 596                  | 233                  | 307                  | 1240                  | 285                  | 286                   |
| Tellurium (Te)-Total   | mg/L                     | 0.0002  | <0.0020                   | <0.00020             | <0.00020             | <0.00020             | <0.00020             | <0.0010              | <0.00020             | <0.00040             | <0.0010               | <0.00020             | <0.00020              |
| Thallium (Tl)-Total    | mg/L                     | 0.00001 | <0.00010                  | <0.000010            | 0.00006              | 0.000055             | 0.00009              | 0.000065             | 0.000052             | 0.000027             | 0.000145              | 0.000046             | 0.000044              |
| Thorium (Th)-Total     | mg/L                     | 0.0001  | <0.0010                   | <0.00010             | 0.00032              | 0.00125              | 0.00015              | <0.00050             | 0.00053              | <0.00020             | <0.00050              | 0.0003               | <0.00010              |
| Tin (Sn)-Total         | mg/L                     | 0.0001  | <0.0010                   | <0.00010             | <0.00010             | <0.00010             | <0.00010             | <0.00050             | <0.00010             | <0.00020             | <0.00050              | <0.00010             | <0.00010              |
| Titanium (Ti)-Total    | mg/L                     | 0.0003  | 0.0419                    | 0.0153               | 0.0142               | 0.11                 | 0.021                | 0.0069               | 0.0666               | 0.0025               | <0.0030               | 0.0375               | 0.00835               |
| Tungsten (W)-Total     | mg/L                     | 0.0001  | <0.0010                   | <0.00010             | <0.00010             | <0.00010             | <0.00010             | <0.00050             | <0.00010             | <0.00020             | <0.00050              | <0.00010             | <0.00010              |
| Uranium (U)-Total      | mg/L                     | 0.00001 | 0.00047                   | 0.000792             | 0.0187               | 0.00126              | 0.00192              | 0.00942              | 0.00344              | 0.00152              | 0.0014                | 0.00411              | 0.00126               |
| Vanadium (V)-Total     | mg/L                     | 0.0005  | <0.0050                   | 0.00089              | 0.00068              | 0.00441              | 0.00088              | <0.0025              | 0.00216              | <0.0010              | <0.0025               | 0.00139              | 0.0006                |
| Zinc (Zn)-Total        | mg/L                     | 0.003   | <0.030                    | <0.0030              | 0.004                | 0.0062               | 0.0219               | 0.017                | 0.0031               | <0.0060              | 0.028                 | 0.0042               | <0.0030               |
| Zirconium (Zr)-Total   | mg/L                     | 0.0003  | <0.0020                   | <0.00020             | 0.00033              | 0.00087              | 0.00026              | <0.0010              | 0.00096              | <0.00040             | <0.0010               | 0.00035              | <0.00020              |

Table E.6.6: MS-08 WRP Interior Drainage Sampling Results - 2021

| Analyte                | Sample ID                |         | WRP-21-14A_15-08-2021_1150 | WRP-21-17_15-08-2021_1105 | WRP-21-15_15-08-2021_1125 | WRP-21-18_15-08-2021_1055 | WRP-21-19A_15-08-2021_1020 | WRP-21-20_15-08-2021_1005 | WRP-21-19_15-08-2021_1030 | WRP-21-11_15-08-2021_1415 | WRP-21-10_15-08-2021_1500 | WRP-21-13_15-08-2021_1400 | WRP-21-10A_15-08-2021_1435 |
|------------------------|--------------------------|---------|----------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
|                        | ALS Laboratory Sample ID |         | L2627498-1                 | L2627498-2                | L2627498-3                | L2627498-4                | L2627498-5                 | L2627498-6                | L2627498-7                | L2627498-8                | L2627498-9                | L2627498-10               | L2627498-11                |
|                        | Sample Date & Time       |         | 2021-08-15 11:50           | 2021-08-15 11:05          | 2021-08-15 11:25          | 2021-08-15 10:55          | 2021-08-15 10:20           | 2021-08-15 10:05          | 2021-08-15 10:30          | 2021-08-15 14:15          | 2021-08-15 15:00          | 2021-08-15 14:00          | 2021-08-15 14:35           |
|                        | QA/QC Sample Type        |         | N/A                        | N/A                       | N/A                       | N/A                       | N/A                        | N/A                       | N/A                       | N/A                       | N/A                       | N/A                       | N/A                        |
|                        | Units                    | LOR     |                            |                           |                           |                           |                            |                           |                           |                           |                           |                           |                            |
| Conductivity           | umhos/cm                 | 3       | 2120                       | 1110                      | 2960                      | 1040                      | 258                        | 245                       | 959                       | 1330                      | 1080                      | 2090                      | 630                        |
| pH                     | pH units                 | 0.1     | 5.04                       | 7.52                      | 5.79                      | 7.67                      | 7.97                       | 8.08                      | 7.53                      | 6.98                      | 7.2                       | 6.64                      | 7.31                       |
| Total Suspended Solids | mg/L                     | 2       | 14.5                       | 8.2                       | 69.5                      | 4                         | 12.9                       | 3.9                       | 10.2                      | 7.8                       | 9.5                       | 9.5                       | 8.1                        |
| Total Dissolved Solids | mg/L                     | 13      | 1920                       | 862                       | 2930                      | 783                       | 88                         | 80                        | 667                       | 1090                      | 775                       | 1940                      | 420                        |
| Turbidity              | NTU                      | 0.1     | 21.1                       | 6.93                      | 115                       | 2.63                      | 12.1                       | 8.82                      | 14.3                      | 4.28                      | 8.97                      | 34.4                      | 13.7                       |
| Ammonia, Total (as N)  | mg/L                     | 0.02    | 2.45                       | 1.18                      | 2.07                      | 0.749                     | 0.517                      | 0.073                     | 3.81                      | 1.01                      | 0.789                     | 1.37                      | 0.531                      |
| Aluminum (Al)-Total    | mg/L                     | 0.005   | 0.732                      | 0.168                     | 1.42                      | 0.22                      | 0.344                      | 0.173                     | 1.41                      | 0.235                     | 0.328                     | 0.258                     | 0.206                      |
| Antimony (Sb)-Total    | mg/L                     | 0.0001  | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.00010                   | <0.00010                  | 0.0001                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.00010                   |
| Arsenic (As)-Total     | mg/L                     | 0.0001  | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                   | 0.00016                    | <0.00010                  | 0.00041                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.00010                   |
| Barium (Ba)-Total      | mg/L                     | 0.0002  | 0.0285                     | 0.0131                    | 0.0138                    | 0.0343                    | 0.0111                     | 0.01                      | 0.0217                    | 0.0119                    | 0.0141                    | 0.0206                    | 0.00849                    |
| Beryllium (Be)-Total   | mg/L                     | 0.0001  | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.00010                   | <0.00010                  | 0.00015                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.00010                   |
| Bismuth (Bi)-Total     | mg/L                     | 0.00005 | <0.00050                   | <0.00050                  | <0.00050                  | <0.00050                  | <0.000050                  | <0.000050                 | <0.000050                 | <0.00050                  | <0.00050                  | <0.00050                  | <0.000050                  |
| Boron (B)-Total        | mg/L                     | 0.01    | <0.10                      | <0.10                     | <0.10                     | <0.10                     | 0.01                       | <0.010                    | 0.06                      | <0.10                     | <0.10                     | <0.10                     | 0.042                      |
| Cadmium (Cd)-Total     | mg/L                     | 0.00001 | 0.000341                   | <0.000050                 | 0.000286                  | <0.000050                 | <0.0000050                 | <0.0000050                | 0.00014                   | <0.000050                 | 0.000145                  | 0.000282                  | 0.0000122                  |
| Calcium (Ca)-Total     | mg/L                     | 0.5     | 67.2                       | 26.4                      | 71.8                      | 54.2                      | 17.7                       | 18.1                      | 42.7                      | 81.3                      | 39.5                      | 75.9                      | 23.9                       |
| Cesium (Cs)-Total      | mg/L                     | 0.00001 | <0.00010                   | <0.00010                  | 0.00011                   | <0.00010                  | 0.000025                   | 0.000014                  | 0.000124                  | <0.00010                  | <0.00010                  | <0.00010                  | 0.000027                   |
| Chromium (Cr)-Total    | mg/L                     | 0.0005  | <0.0050                    | <0.0050                   | <0.0050                   | <0.0050                   | 0.00104                    | 0.00061                   | 0.00167                   | <0.0050                   | <0.0050                   | <0.0050                   | <0.00050                   |
| Cobalt (Co)-Total      | mg/L                     | 0.0001  | 0.0906                     | 0.0074                    | 0.0698                    | 0.005                     | 0.0006                     | 0.00027                   | 0.0216                    | 0.0059                    | 0.0393                    | 0.0538                    | 0.00181                    |
| Copper (Cu)-Total      | mg/L                     | 0.001   | 0.0233                     | <0.0050                   | 0.0507                    | <0.0050                   | 0.00098                    | 0.00064                   | 0.0123                    | <0.0050                   | 0.0086                    | 0.0079                    | 0.00079                    |
| Iron (Fe)-Total        | mg/L                     | 0.05    | 9.17                       | 0.35                      | 13.5                      | 0.45                      | 0.531                      | 0.252                     | 2.41                      | 0.32                      | 0.59                      | 4.8                       | 0.313                      |
| Lead (Pb)-Total        | mg/L                     | 0.00005 | <0.00050                   | <0.00050                  | <0.00050                  | <0.00050                  | 0.000152                   | 0.000102                  | 0.000928                  | <0.00050                  | <0.00050                  | <0.00050                  | 0.000186                   |
| Lithium (Li)-Total     | mg/L                     | 0.001   | 0.021                      | <0.010                    | 0.028                     | <0.010                    | 0.0026                     | 0.0021                    | 0.0125                    | <0.010                    | 0.019                     | 0.014                     | 0.0072                     |
| Magnesium (Mg)-Total   | mg/L                     | 0.05    | 292                        | 139                       | 471                       | 100                       | 18.8                       | 17.5                      | 84.6                      | 137                       | 113                       | 298                       | 62                         |
| Manganese (Mn)-Total   | mg/L                     | 0.0005  | 7.99                       | 0.681                     | 4.35                      | 0.296                     | 0.0203                     | 0.0061                    | 1.26                      | 1.6                       | 3.18                      | 5.05                      | 0.467                      |
| Molybdenum (Mo)-Total  | mg/L                     | 0.00005 | 0.00055                    | 0.00146                   | 0.00142                   | 0.00717                   | 0.00404                    | 0.00186                   | 0.024                     | 0.00481                   | 0.00404                   | 0.00376                   | 0.00323                    |
| Nickel (Ni)-Total      | mg/L                     | 0.0005  | 0.071                      | <0.0050                   | 0.0466                    | <0.0050                   | 0.00111                    | 0.00072                   | 0.0179                    | 0.013                     | 0.0691                    | 0.0674                    | 0.00254                    |
| Phosphorus (P)-Total   | mg/L                     | 0.05    | <0.50                      | <0.50                     | <0.50                     | <0.50                     | <0.050                     | <0.050                    | 0.076                     | <0.50                     | <0.50                     | <0.50                     | <0.050                     |
| Potassium (K)-Total    | mg/L                     | 0.05    | 9.68                       | 3.18                      | 6.77                      | 5.89                      | 3.27                       | 2.75                      | 11.7                      | 11.2                      | 7.14                      | 8.46                      | 5.71                       |
| Rubidium (Rb)-Total    | mg/L                     | 0.0002  | 0.0085                     | 0.004                     | 0.0085                    | 0.0046                    | 0.00345                    | 0.00277                   | 0.00869                   | 0.0059                    | 0.0056                    | 0.0053                    | 0.00387                    |
| Selenium (Se)-Total    | mg/L                     | 0.00005 | 0.00728                    | 0.00897                   | 0.0126                    | 0.00436                   | 0.000491                   | 0.000398                  | 0.00332                   | 0.00399                   | 0.00456                   | 0.00798                   | 0.00236                    |
| Silicon (Si)-Total     | mg/L                     | 0.1     | 3.3                        | 2.2                       | 3.2                       | 1.9                       | 1.38                       | 1.06                      | 4.21                      | 2.9                       | 3.6                       | 3.3                       | 1.99                       |
| Silver (Ag)-Total      | mg/L                     | 0.00005 | <0.00050                   | <0.00050                  | <0.00050                  | <0.00050                  | <0.000050                  | <0.000050                 | <0.000050                 | <0.00050                  | <0.00050                  | <0.00050                  | <0.000050                  |
| Sodium (Na)-Total      | mg/L                     | 0.5     | 4.76                       | 2.16                      | 6.18                      | 4.08                      | 1.05                       | 0.75                      | 7.11                      | 4                         | 8.41                      | 4.13                      | 3.45                       |
| Strontium (Sr)-Total   | mg/L                     | 0.001   | 0.101                      | 0.042                     | 0.098                     | 0.061                     | 0.0164                     | 0.0126                    | 0.134                     | 0.053                     | 0.042                     | 0.092                     | 0.0284                     |
| Sulphur (S)-Total      | mg/L                     | 0.5     | 438                        | 176                       | 658                       | 148                       | 18                         | 17.3                      | 105                       | 239                       | 177                       | 446                       | 92                         |
| Tellurium (Te)-Total   | mg/L                     | 0.0002  | <0.0020                    | <0.0020                   | <0.0020                   | <0.0020                   | <0.00020                   | <0.00020                  | <0.00020                  | <0.0020                   | <0.0020                   | <0.0020                   | <0.00020                   |
| Thallium (Tl)-Total    | mg/L                     | 0.00001 | <0.00010                   | <0.00010                  | <0.00010                  | <0.00010                  | 0.000011                   | <0.000010                 | 0.000036                  | <0.00010                  | <0.00010                  | <0.00010                  | 0.000019                   |
| Thorium (Th)-Total     | mg/L                     | 0.0001  | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.00010                   | <0.00010                  | 0.00129                   | <0.0010                   | <0.0010                   | <0.0010                   | <0.00010                   |
| Tin (Sn)-Total         | mg/L                     | 0.0001  | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.00010                   | <0.00010                  | <0.00010                  | <0.0010                   | <0.0010                   | <0.0010                   | <0.00010                   |
| Titanium (Ti)-Total    | mg/L                     | 0.0003  | 0.0065                     | 0.0054                    | 0.0322                    | 0.0097                    | 0.0117                     | 0.00605                   | 0.0574                    | 0.0141                    | 0.0143                    | 0.0063                    | 0.00874                    |
| Tungsten (W)-Total     | mg/L                     | 0.0001  | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.00010                   | <0.00010                  | <0.00010                  | <0.0010                   | <0.0010                   | <0.0010                   | <0.00010                   |
| Uranium (U)-Total      | mg/L                     | 0.00001 | 0.00082                    | 0.00044                   | 0.00112                   | 0.0021                    | 0.00116                    | 0.000823                  | 0.0151                    | 0.00097                   | 0.00389                   | 0.0123                    | 0.000627                   |
| Vanadium (V)-Total     | mg/L                     | 0.0005  | <0.0050                    | <0.0050                   | <0.0050                   | <0.0050                   | 0.00062                    | <0.00050                  | 0.00152                   | <0.0050                   | <0.0050                   | <0.0050                   | <0.00050                   |
| Zinc (Zn)-Total        | mg/L                     | 0.003   | <0.030                     | <0.030                    | <0.030                    | <0.030                    | <0.0030                    | <0.0030                   | 0.0055                    | <0.030                    | <0.030                    | <0.030                    | <0.0030                    |
| Zirconium (Zr)-Total   | mg/L                     | 0.0003  | <0.0020                    | <0.0020                   | <0.0020                   | <0.0020                   | <0.00020                   | <0.00020                  | 0.00099                   | <0.0020                   | <0.0020                   | <0.0020                   | <0.00020                   |

Table E.6.6: MS-08 WRP Interior Drainage Sampling Results - 2021

| Analyte                | Sample ID                |         | WRP-21-14_15-08-2021_1255 | WRP-21-14B_15-08-2021_1225 | WRP-21-14C_15-08-2021_1240 | WRP-21-01_16-08-2021_1405 | WRP-21-04A_16-08-2021_1240 | WRP-21-04B_16-08-2021_1300 | WRP-21-05_16-08-2021_1205 | WRP-21-09_16-08-2021_1050 | WRP-21-07_16-08-2021_1140 | WRP-21-07B_16-08-2021_1130 | WRP-21-08_16-08-2021_1115 |
|------------------------|--------------------------|---------|---------------------------|----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|
|                        | ALS Laboratory Sample ID |         | L2627498-12               | L2627498-13                | L2627498-14                | L2627498-16               | L2627498-17                | L2627498-18                | L2627498-19               | L2627498-20               | L2627498-21               | L2627498-22                | L2627498-23               |
|                        | Sample Date & Time       |         | 2021-08-15 12:55          | 2021-08-15 12:25           | 2021-08-15 12:40           | 2021-08-16 14:05          | 2021-08-16 12:40           | 2021-08-16 13:00           | 2021-08-16 12:05          | 2021-08-16 10:50          | 2021-08-16 11:40          | 2021-08-16 11:30           | 2021-08-16 11:15          |
|                        | QA/QC Sample Type        |         | N/A                       | N/A                        | N/A                        | N/A                       | N/A                        | N/A                        | N/A                       | N/A                       | N/A                       | N/A                        | N/A                       |
|                        | Units                    | LOR     |                           |                            |                            |                           |                            |                            |                           |                           |                           |                            |                           |
| Conductivity           | umhos/cm                 | 3       | 2960                      | 2240                       | 2230                       | 712                       | 7230                       | 1860                       | 1960                      | 3740                      | 3110                      | 2010                       | 3160                      |
| pH                     | pH units                 | 0.1     | 5.16                      | 5.42                       | 6.29                       | 7.89                      | 6.23                       | 7.59                       | 7.62                      | 7.55                      | 6.93                      | 7.38                       | 7.14                      |
| Total Suspended Solids | mg/L                     | 2       | 169                       | 18.3                       | 20.5                       | <2.0                      | 17.1                       | 9.9                        | 3                         | 34                        | 24.7                      | <2.0                       | 14                        |
| Total Dissolved Solids | mg/L                     | 13      | 2970                      | 2100                       | 2100                       | 470                       | 8840                       | 1580                       | 1740                      | 3920                      | 3120                      | 1840                       | 3040                      |
| Turbidity              | NTU                      | 0.1     | 139                       | 32.7                       | 56.5                       | 1.7                       | 30.4                       | 4.13                       | 2.49                      | 23.2                      | 7.17                      | 0.79                       | 2.82                      |
| Ammonia, Total (as N)  | mg/L                     | 0.02    | 2.5                       | 2.4                        | 2.05                       | 0.267                     | 8.16                       | 3.77                       | 2.89                      | 3.75                      | 3.68                      | 3.19                       | 4.77                      |
| Aluminum (Al)-Total    | mg/L                     | 0.005   | 8.25                      | 0.565                      | 0.696                      | 0.103                     | 0.63                       | 0.513                      | 0.072                     | 0.598                     | 1.07                      | 0.07                       | 2.33                      |
| Antimony (Sb)-Total    | mg/L                     | 0.0001  | <0.0010                   | <0.0010                    | <0.0010                    | <0.00010                  | <0.010                     | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                   |
| Arsenic (As)-Total     | mg/L                     | 0.0001  | 0.0015                    | <0.0010                    | <0.0010                    | <0.00010                  | <0.010                     | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                   |
| Barium (Ba)-Total      | mg/L                     | 0.0002  | 0.0407                    | 0.04                       | 0.0367                     | 0.0252                    | 0.024                      | 0.0252                     | 0.0175                    | 0.0188                    | 0.012                     | 0.0404                     | 0.024                     |
| Beryllium (Be)-Total   | mg/L                     | 0.0001  | 0.001                     | <0.0010                    | <0.0010                    | <0.00010                  | <0.010                     | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                   |
| Bismuth (Bi)-Total     | mg/L                     | 0.00005 | <0.00050                  | <0.00050                   | <0.00050                   | <0.000050                 | <0.0050                    | <0.00050                   | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                   | <0.00050                  |
| Boron (B)-Total        | mg/L                     | 0.01    | <0.10                     | <0.10                      | <0.10                      | <0.010                    | <1.0                       | <0.10                      | <0.10                     | <0.10                     | <0.10                     | <0.10                      | <0.10                     |
| Cadmium (Cd)-Total     | mg/L                     | 0.00001 | 0.000499                  | 0.00035                    | 0.000298                   | <0.0000050                | <0.00050                   | <0.000050                  | <0.000050                 | 0.000276                  | 0.000093                  | 0.000134                   | 0.000323                  |
| Calcium (Ca)-Total     | mg/L                     | 0.5     | 88.7                      | 75.4                       | 73.5                       | 43.8                      | 140                        | 53.3                       | 45                        | 73.4                      | 73.2                      | 82                         | 142                       |
| Cesium (Cs)-Total      | mg/L                     | 0.00001 | 0.00027                   | <0.00010                   | <0.00010                   | 0.000011                  | <0.0010                    | <0.00010                   | <0.00010                  | <0.00010                  | 0.00012                   | <0.00010                   | 0.00017                   |
| Chromium (Cr)-Total    | mg/L                     | 0.0005  | 0.0467                    | <0.0050                    | <0.0050                    | 0.00063                   | <0.050                     | <0.0050                    | <0.0050                   | <0.0050                   | <0.0050                   | <0.0050                    | 0.016                     |
| Cobalt (Co)-Total      | mg/L                     | 0.0001  | 0.116                     | 0.0927                     | 0.0807                     | 0.00109                   | 0.238                      | 0.0107                     | 0.0093                    | 0.195                     | 0.0433                    | 0.0236                     | 0.0463                    |
| Copper (Cu)-Total      | mg/L                     | 0.001   | 0.0517                    | 0.0168                     | 0.013                      | 0.00051                   | <0.050                     | <0.0050                    | <0.0050                   | <0.0050                   | <0.0050                   | <0.0050                    | 0.0087                    |
| Iron (Fe)-Total        | mg/L                     | 0.05    | 28.8                      | 8.91                       | 8.34                       | 0.187                     | 35.9                       | 1.16                       | 0.18                      | 1.33                      | 2.16                      | 0.19                       | 4.13                      |
| Lead (Pb)-Total        | mg/L                     | 0.00005 | 0.00178                   | <0.00050                   | <0.00050                   | 0.000057                  | <0.0050                    | <0.00050                   | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                   | 0.00094                   |
| Lithium (Li)-Total     | mg/L                     | 0.001   | 0.026                     | 0.018                      | 0.016                      | 0.0019                    | <0.10                      | <0.010                     | 0.012                     | 0.015                     | 0.017                     | <0.010                     | 0.017                     |
| Magnesium (Mg)-Total   | mg/L                     | 0.05    | 454                       | 310                        | 309                        | 65                        | 1420                       | 237                        | 277                       | 627                       | 467                       | 264                        | 420                       |
| Manganese (Mn)-Total   | mg/L                     | 0.0005  | 8.8                       | 8.25                       | 6.99                       | 0.019                     | 12.8                       | 0.355                      | 0.924                     | 13.6                      | 4.93                      | 3.34                       | 6.44                      |
| Molybdenum (Mo)-Total  | mg/L                     | 0.00005 | 0.00164                   | 0.00078                    | 0.00133                    | 0.00109                   | <0.0050                    | 0.00461                    | 0.0155                    | 0.0108                    | 0.00193                   | 0.0082                     | 0.0047                    |
| Nickel (Ni)-Total      | mg/L                     | 0.0005  | 0.154                     | 0.0721                     | 0.0724                     | 0.00095                   | 0.235                      | 0.0051                     | 0.01                      | 0.2                       | 0.0346                    | 0.0186                     | 0.0452                    |
| Phosphorus (P)-Total   | mg/L                     | 0.05    | <0.50                     | <0.50                      | <0.50                      | <0.050                    | <5.0                       | <0.50                      | <0.50                     | <0.50                     | <0.50                     | <0.50                      | <0.50                     |
| Potassium (K)-Total    | mg/L                     | 0.05    | 8                         | 10.3                       | 9.34                       | 1.74                      | 8.8                        | 4.61                       | 11.3                      | 11.7                      | 7.44                      | 9.96                       | 14.6                      |
| Rubidium (Rb)-Total    | mg/L                     | 0.0002  | 0.0121                    | 0.0081                     | 0.0072                     | 0.00338                   | <0.020                     | 0.0071                     | 0.0089                    | 0.0108                    | 0.0078                    | 0.0078                     | 0.0127                    |
| Selenium (Se)-Total    | mg/L                     | 0.00005 | 0.0122                    | 0.00779                    | 0.00815                    | 0.0016                    | 0.0232                     | 0.00635                    | 0.00662                   | 0.0271                    | 0.0145                    | 0.0136                     | 0.0148                    |
| Silicon (Si)-Total     | mg/L                     | 0.1     | 12.6                      | 3.4                        | 3.7                        | 1.05                      | <10                        | 2.3                        | 2.1                       | 3.1                       | 3.5                       | 2.6                        | 5.9                       |
| Silver (Ag)-Total      | mg/L                     | 0.00005 | <0.00050                  | <0.00050                   | <0.00050                   | <0.000050                 | <0.0050                    | <0.00050                   | <0.00050                  | <0.00050                  | <0.00050                  | <0.00050                   | <0.00050                  |
| Sodium (Na)-Total      | mg/L                     | 0.5     | 4.08                      | 5.01                       | 4.58                       | 1.66                      | 10.7                       | 4.14                       | 4.52                      | 8.04                      | 5.98                      | 6.35                       | 8.06                      |
| Strontium (Sr)-Total   | mg/L                     | 0.001   | 0.112                     | 0.11                       | 0.106                      | 0.0288                    | 0.23                       | 0.068                      | 0.137                     | 0.209                     | 0.125                     | 0.127                      | 0.203                     |
| Sulphur (S)-Total      | mg/L                     | 0.5     | 650                       | 457                        | 446                        | 89.4                      | 1900                       | 298                        | 379                       | 839                       | 645                       | 391                        | 647                       |
| Tellurium (Te)-Total   | mg/L                     | 0.0002  | <0.0020                   | <0.0020                    | <0.0020                    | <0.00020                  | <0.020                     | <0.0020                    | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                    | <0.0020                   |
| Thallium (Tl)-Total    | mg/L                     | 0.00001 | 0.00011                   | <0.00010                   | <0.00010                   | <0.000010                 | <0.0010                    | <0.00010                   | <0.00010                  | <0.00010                  | <0.00010                  | <0.00010                   | 0.00011                   |
| Thorium (Th)-Total     | mg/L                     | 0.0001  | 0.0011                    | <0.0010                    | <0.0010                    | <0.00010                  | <0.010                     | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                   |
| Tin (Sn)-Total         | mg/L                     | 0.0001  | <0.0010                   | <0.0010                    | <0.0010                    | <0.00010                  | <0.010                     | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                   |
| Titanium (Ti)-Total    | mg/L                     | 0.0003  | 0.147                     | 0.0089                     | 0.0181                     | 0.00413                   | <0.030                     | 0.0087                     | <0.0030                   | 0.0115                    | 0.0192                    | <0.0030                    | 0.0806                    |
| Tungsten (W)-Total     | mg/L                     | 0.0001  | <0.0010                   | <0.0010                    | <0.0010                    | <0.00010                  | <0.010                     | <0.0010                    | <0.0010                   | <0.0010                   | <0.0010                   | <0.0010                    | <0.0010                   |
| Uranium (U)-Total      | mg/L                     | 0.00001 | 0.00175                   | 0.00076                    | 0.00139                    | 0.00166                   | 0.0013                     | 0.00073                    | 0.0084                    | 0.00234                   | 0.00074                   | 0.00188                    | 0.00673                   |
| Vanadium (V)-Total     | mg/L                     | 0.0005  | 0.0101                    | <0.0050                    | <0.0050                    | <0.00050                  | <0.050                     | <0.0050                    | <0.0050                   | <0.0050                   | <0.0050                   | <0.0050                    | <0.0050                   |
| Zinc (Zn)-Total        | mg/L                     | 0.003   | 0.038                     | <0.030                     | <0.030                     | <0.0030                   | <0.30                      | <0.030                     | <0.030                    | <0.030                    | <0.030                    | <0.030                     | <0.030                    |
| Zirconium (Zr)-Total   | mg/L                     | 0.0003  | 0.002                     | <0.0020                    | <0.0020                    | <0.00020                  | <0.020                     | <0.0020                    | <0.0020                   | <0.0020                   | <0.0020                   | <0.0020                    | <0.0020                   |

Table E.6.6: MS-08 WRP Interior Drainage Sampling Results - 2021

| Analyte                | Sample ID                |         | WRP-21-03_16-08-2021_1320 | WRP-21-02_16-08-2021_1345 | WRP-21-01_16-08-2021_1405 |
|------------------------|--------------------------|---------|---------------------------|---------------------------|---------------------------|
|                        | ALS Laboratory Sample ID |         | L2627498-24               | L2627498-25               | L2627498-26               |
|                        | Sample Date & Time       |         | 2021-08-16 13:20          | 2021-08-16 13:45          | 2021-08-16 14:05          |
|                        | QA/QC Sample Type        |         | N/A                       | N/A                       | N/A                       |
|                        | Units                    | LOR     |                           |                           |                           |
| Conductivity           | umhos/cm                 | 3       | 1290                      | 1140                      | 728                       |
| pH                     | pH units                 | 0.1     | 7.73                      | 7.88                      | 7.97                      |
| Total Suspended Solids | mg/L                     | 2       | <2.0                      | <2.0                      | <2.0                      |
| Total Dissolved Solids | mg/L                     | 13      | 982                       | 838                       | 511                       |
| Turbidity              | NTU                      | 0.1     | 0.32                      | 0.16                      | 0.77                      |
| Ammonia, Total (as N)  | mg/L                     | 0.02    | 2.57                      | 0.762                     | 0.238                     |
| Aluminum (Al)-Total    | mg/L                     | 0.005   | <0.050                    | <0.050                    | 0.0492                    |
| Antimony (Sb)-Total    | mg/L                     | 0.0001  | <0.0010                   | <0.0010                   | <0.00010                  |
| Arsenic (As)-Total     | mg/L                     | 0.0001  | <0.0010                   | <0.0010                   | <0.00010                  |
| Barium (Ba)-Total      | mg/L                     | 0.0002  | 0.0424                    | 0.0315                    | 0.0246                    |
| Beryllium (Be)-Total   | mg/L                     | 0.0001  | <0.0010                   | <0.0010                   | <0.00010                  |
| Bismuth (Bi)-Total     | mg/L                     | 0.00005 | <0.00050                  | <0.00050                  | <0.000050                 |
| Boron (B)-Total        | mg/L                     | 0.01    | <0.10                     | <0.10                     | <0.010                    |
| Cadmium (Cd)-Total     | mg/L                     | 0.00001 | <0.000050                 | <0.000050                 | <0.0000050                |
| Calcium (Ca)-Total     | mg/L                     | 0.5     | 50.7                      | 55.3                      | 44.1                      |
| Cesium (Cs)-Total      | mg/L                     | 0.00001 | <0.00010                  | <0.00010                  | <0.000010                 |
| Chromium (Cr)-Total    | mg/L                     | 0.0005  | <0.0050                   | <0.0050                   | <0.00050                  |
| Cobalt (Co)-Total      | mg/L                     | 0.0001  | 0.0043                    | 0.0025                    | 0.00109                   |
| Copper (Cu)-Total      | mg/L                     | 0.001   | <0.0050                   | <0.0050                   | <0.00050                  |
| Iron (Fe)-Total        | mg/L                     | 0.05    | 0.1                       | <0.10                     | 0.083                     |
| Lead (Pb)-Total        | mg/L                     | 0.00005 | <0.00050                  | <0.00050                  | <0.000050                 |
| Lithium (Li)-Total     | mg/L                     | 0.001   | <0.010                    | <0.010                    | 0.0027                    |
| Magnesium (Mg)-Total   | mg/L                     | 0.05    | 139                       | 122                       | 69.6                      |
| Manganese (Mn)-Total   | mg/L                     | 0.0005  | 0.0871                    | 0.0128                    | 0.0199                    |
| Molybdenum (Mo)-Total  | mg/L                     | 0.00005 | 0.0126                    | 0.00261                   | 0.00112                   |
| Nickel (Ni)-Total      | mg/L                     | 0.0005  | <0.0050                   | <0.0050                   | 0.00079                   |
| Phosphorus (P)-Total   | mg/L                     | 0.05    | <0.50                     | <0.50                     | <0.050                    |
| Potassium (K)-Total    | mg/L                     | 0.05    | 5.8                       | 2.16                      | 1.79                      |
| Rubidium (Rb)-Total    | mg/L                     | 0.0002  | 0.0064                    | 0.0047                    | 0.00333                   |
| Selenium (Se)-Total    | mg/L                     | 0.00005 | 0.00559                   | 0.00432                   | 0.00169                   |
| Silicon (Si)-Total     | mg/L                     | 0.1     | 1.8                       | 1.1                       | 1                         |
| Silver (Ag)-Total      | mg/L                     | 0.00005 | <0.00050                  | <0.00050                  | <0.000050                 |
| Sodium (Na)-Total      | mg/L                     | 0.5     | 3.94                      | 1.96                      | 1.72                      |
| Strontium (Sr)-Total   | mg/L                     | 0.001   | 0.076                     | 0.043                     | 0.0291                    |
| Sulphur (S)-Total      | mg/L                     | 0.5     | 188                       | 172                       | 97.4                      |
| Tellurium (Te)-Total   | mg/L                     | 0.0002  | <0.0020                   | <0.0020                   | <0.00020                  |
| Thallium (Tl)-Total    | mg/L                     | 0.00001 | <0.00010                  | <0.00010                  | 0.00001                   |
| Thorium (Th)-Total     | mg/L                     | 0.0001  | <0.0010                   | <0.0010                   | <0.00010                  |
| Tin (Sn)-Total         | mg/L                     | 0.0001  | <0.0010                   | <0.0010                   | <0.00010                  |
| Titanium (Ti)-Total    | mg/L                     | 0.0003  | <0.0030                   | <0.0030                   | 0.00189                   |
| Tungsten (W)-Total     | mg/L                     | 0.0001  | <0.0010                   | <0.0010                   | <0.00010                  |
| Uranium (U)-Total      | mg/L                     | 0.00001 | 0.001                     | 0.00144                   | 0.00177                   |
| Vanadium (V)-Total     | mg/L                     | 0.0005  | <0.0050                   | <0.0050                   | <0.00050                  |
| Zinc (Zn)-Total        | mg/L                     | 0.003   | <0.030                    | <0.030                    | <0.0030                   |
| Zirconium (Zr)-Total   | mg/L                     | 0.0003  | <0.0020                   | <0.0020                   | <0.00020                  |