



28 December 2008

**Via E-Mail**

Chief Administrative Officer  
Nunavut Water Board  
P.O. Box 119  
Gjoa Haven, NU  
X0B 1J0

Attention: Ms. Phyllis Beaulieu

Dear Ms. Beaulieu,

**Reference: Tahera Diamond Corporation Jericho Diamond Mine Monthly SNP  
Report for November 2008**

Tahera Diamond Corporation (Tahera) is pleased to provide Nunavut Water Board (NWB) with the Jericho Diamond Mine (Jericho) monthly report for November 2008 as required under Water License 2AM-JER0410. This is the final SNP report submitted on behalf of Tahera Diamond Corporation. All future reports will be submitted on behalf of Deloitte & Touche acting as "Agents" for INAC.

**SNP Sampling**

During the month of November 2008 samples were collected as required for the SNP sampling program. A summary of the sampling is provided in Table 1.

***Table 1: SNP Water Sampling Summary***

| <b>SNP Station</b> | <b>Sampling Date</b> | <b>Lab #</b> | <b>Comment</b> |
|--------------------|----------------------|--------------|----------------|
| Various            | Nov-06-2008          | L705681      | ALS            |
| Various            | Nov-07-2008          | 280732       | Taiga          |

All Samples were collected as per requirements under Water License 2AM-JER0410.

Note:

The diamond plant did not operate in November and there was no discharge of supernatant water from the PKCA.

## **Results**

### *Water Sampling and Analysis Results*

Table 2 provides the results for samples related to the SNP sampling requirements for the month of November 2008.

### *Flow and Volume Measurements*

Table 3 provides a breakdown of flow and volume measurements and solid material moved as required under Part K, Item 12 and 13 of the water license.

Should you have any questions regarding the monthly report for November 2008 please contact the undersigned.

Yours truly,



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c. A. Gottwald, L. Staples, G. Stevens, D. Haggart

|                      |                                                    |  |  |
|----------------------|----------------------------------------------------|--|--|
| <b>Project</b>       | ENVIRONMENT DEPARTMENT, TAHERA DIAMOND CORPORATION |  |  |
| <b>Report To</b>     | L705681                                            |  |  |
| <b>ALS File No.</b>  | 07-Nov-08                                          |  |  |
| <b>Date Received</b> | 24-Nov-08                                          |  |  |
| <b>Date</b>          |                                                    |  |  |

## RESULTS OF ANALYSIS

|                                    |           |           |           |
|------------------------------------|-----------|-----------|-----------|
| Sample ID                          | JER-SW1   | JER-SW4   |           |
| Date Sampled                       | 06-NOV-08 | 06-NOV-08 |           |
| Time Sampled                       | 00:00     | 00:00     |           |
| ALS Sample ID                      | L705681-2 | L705681-3 |           |
| Matrix                             | Water     | Water     |           |
| <b>Physical Tests</b>              |           |           |           |
| Conductivity                       | 774       | 273       | uS/cm     |
| Hardness (as CaCO3)                | 53.2      | 84.3      | mg/L      |
| pH                                 | 6.62      | 7.46      | pH        |
| Total Suspended Solids             | 59.2      | 24.2      | mg/L      |
| Total Dissolved Solids             | 559       | 161       | mg/L      |
| Turbidity                          | 48.0      | 6.82      | NTU       |
| <b>Anions and Nutrients</b>        |           |           |           |
| Acidity (as CaCO3)                 | 28.1      | 2.4       | mg/L      |
| Alkalinity, Bicarbonate (as CaCO3) | 28.7      | 46.9      | mg/L      |
| Alkalinity, Carbonate (as CaCO3)   | <1.0      | <1.0      | mg/L      |
| Alkalinity, Hydroxide (as CaCO3)   | <1.0      | <1.0      | mg/L      |
| Alkalinity, Total (as CaCO3)       | 28.7      | 46.9      | mg/L      |
| Ammonia as N                       | 0.629     | 0.142     | mg/L      |
| Chloride (Cl)                      | 43.7      | 13.9      | mg/L      |
| Nitrate (as N)                     | 35.9      | 10.0      | mg/L      |
| Nitrite (as N)                     | 0.031     | 0.0238    | mg/L      |
| Ortho Phosphate as P               | 6.70      | <0.0010   | mg/L      |
| Total Dissolved Phosphate As P     | 6.54      | 0.0035    | mg/L      |
| Total Phosphate as P               | 7.73      | 0.0382    | mg/L      |
| Sulfate (SO4)                      | 90.7      | 22.3      | mg/L      |
| <b>Organic / Inorganic Carbon</b>  |           |           |           |
| Total Inorganic Carbon             | 2.08      | 11.0      | mg/L      |
| Total Organic Carbon               | 121       | 7.68      | mg/L      |
| <b>Total Metals</b>                |           |           |           |
| Aluminum (Al)-Total                | 0.309     | 0.147     | mg/L      |
| Antimony (Sb)-Total                | 0.00669   | 0.00040   | mg/L      |
| Arsenic (As)-Total                 | 0.00204   | 0.00047   | mg/L      |
| Barium (Ba)-Total                  | 0.0220    | 0.0582    | mg/L      |
| Beryllium (Be)-Total               | <0.0010   | <0.00050  | mg/L      |
| Bismuth (Bi)-Total                 | 0.0025    | <0.00050  | mg/L      |
| Boron (B)-Total                    | 0.438     | 0.034     | mg/L      |
| Cadmium (Cd)-Total                 | 0.00073   | <0.000070 | mg/L      |
| Calcium (Ca)-Total                 | 15.8      | 19.8      | mg/L      |
| Chromium (Cr)-Total                | 0.0045    | 0.00819   | mg/L      |
| Cobalt (Co)-Total                  | 0.00120   | 0.00130   | mg/L      |
| Copper (Cu)-Total                  | 0.455     | 0.0638    | mg/L      |
| Iron (Fe)-Total                    | 2.28      | 0.620     | mg/L      |
| Lead (Pb)-Total                    | 0.00557   | 0.000430  | mg/L      |
| Lithium (Li)-Total                 | 0.196     | <0.0050   | mg/L      |
| Magnesium (Mg)-Total               | 4.66      | 12.5      | mg/L      |
| Manganese (Mn)-Total               | 0.0985    | 0.0221    | mg/L      |
| Mercury (Hg)-Total                 | <0.000050 | <0.000050 | mg/L      |
| Molybdenum (Mo)-Total              | 0.00423   | 0.00494   | mg/L      |
| Nickel (Ni)-Total                  | 0.0283    | 0.0259    | mg/L      |
| Potassium (K)-Total                | 20.9      | 10.2      | mg/L      |
| Selenium (Se)-Total                | <0.0020   | <0.0010   | mg/L      |
| Silicon (Si)-Total                 | 4.71      | 2.78      | mg/L      |
| Silver (Ag)-Total                  | 0.000237  | 0.000010  | mg/L      |
| Sodium (Na)-Total                  | 130       | 14.9      | mg/L      |
| Strontium (Sr)-Total               | 0.0252    | 0.368     | mg/L      |
| Thallium (Tl)-Total                | <0.00020  | <0.00010  | mg/L      |
| Tin (Sn)-Total                     | 0.00149   | 0.00026   | mg/L      |
| Titanium (Ti)-Total                | <0.010    | 0.016     | mg/L      |
| Uranium (U)-Total                  | 0.000289  | 0.00447   | mg/L      |
| Vanadium (V)-Total                 | <0.0020   | <0.0010   | mg/L      |
| Zinc (Zn)-Total                    | 3.84      | 0.0278    | mg/L      |
| <b>Dissolved Metals</b>            |           |           |           |
| Aluminum (Al)-Dissolved            | 0.0471    | 0.0050    | mg/L      |
| Antimony (Sb)-Dissolved            | 0.00503   | 0.00035   | mg/L      |
| Arsenic (As)-Dissolved             | 0.00181   | 0.00038   | mg/L      |
| Barium (Ba)-Dissolved              | 0.00738   | 0.0479    | mg/L      |
| Beryllium (Be)-Dissolved           | <0.0010   | <0.00050  | mg/L      |
| Bismuth (Bi)-Dissolved             | <0.0010   | <0.00050  | mg/L      |
| Boron (B)-Dissolved                | 0.423     | 0.031     | mg/L      |
| Cadmium (Cd)-Dissolved             | 0.00050   | <0.000050 | mg/L      |
| Calcium (Ca)-Dissolved             | 14.7      | 18.2      | mg/L      |
| Chromium (Cr)-Dissolved            | 0.0014    | 0.00063   | mg/L      |
| Cobalt (Co)-Dissolved              | 0.00087   | 0.00018   | mg/L      |
| Copper (Cu)-Dissolved              | 0.176     | 0.00386   | mg/L      |
| Iron (Fe)-Dissolved                | 0.652     | 0.037     | mg/L      |
| Lead (Pb)-Dissolved                | 0.00129   | 0.000113  | mg/L      |
| Lithium (Li)-Dissolved             | 0.187     | <0.0050   | mg/L      |
| Magnesium (Mg)-Dissolved           | 4.03      | 9.45      | mg/L      |
| Manganese (Mn)-Dissolved           | 0.0859    | 0.00793   | mg/L      |
| Mercury (Hg)-Dissolved             | <0.000050 | <0.000050 | mg/L      |
| Molybdenum (Mo)-Dissolved          | 0.00173   | 0.00484   | mg/L      |
| Nickel (Ni)-Dissolved              | 0.0233    | 0.00543   | mg/L      |
| Potassium (K)-Dissolved            | 20.4      | 9.23      | mg/L      |
| Selenium (Se)-Dissolved            | <0.0020   | <0.0010   | mg/L      |
| Silicon (Si)-Dissolved             | 4.07      | 1.21      | mg/L      |
| Silver (Ag)-Dissolved              | 0.000038  | <0.000010 | mg/L      |
| Sodium (Na)-Dissolved              | 125       | 13.5      | mg/L      |
| Strontium (Sr)-Dissolved           | 0.0227    | 0.352     | mg/L      |
| Thallium (Tl)-Dissolved            | <0.00020  | <0.00010  | mg/L      |
| Tin (Sn)-Dissolved                 | 0.00085   | <0.00010  | mg/L      |
| Titanium (Ti)-Dissolved            | <0.010    | <0.010    | mg/L      |
| Uranium (U)-Dissolved              | 0.000047  | 0.00352   | mg/L      |
| Vanadium (V)-Dissolved             | <0.0020   | <0.0010   | mg/L      |
| Zinc (Zn)-Dissolved                | 3.21      | 0.0126    | mg/L      |
| <b>Aggregate Organics</b>          |           |           |           |
| Oil and Grease                     | <1.0      | -         | mg/L      |
| Biochemical Oxygen Demand          | 29        |           | mg/L      |
| Fecal Coliform                     |           |           | CFU/100mL |

Table 3: Flow and Volume Measurements-Part K Item 12 and 13

[illegible]