

APPENDIX E.2
INCERATOR ASH TESTING RESULTS 2013

Client: Baffinland Iron Mines Corporation
#300 - 2275 Upper Middle Road East
Oakville, ON
L6H 0C3
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation


Report Number: 1400237
Date Submitted: 2014-01-08
Date Reported: 2014-01-13
Project:
COC #: 776010

Page 1 of 4

Dear Jim Millard:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

APPROVAL:  Digitally signed
by Lorna Wilson
Date:
2014.01.13
12:45:18 -05'00'

Lorna Wilson
Laboratory Supervisor, Inorganics

Exova (Ottawa) is certified and accredited for specific parameters by:
CALA, Canadian Association for Laboratory Accreditation (to ISO 17025), OMAFRA, Ontario Ministry of Agriculture, Food and Rural Affairs (for farm soils), Licensed by Ontario MOE for specific tests in drinking water.

Exova (Mississauga) is accredited for specific parameters by:
SCC, Standards Council of Canada (to ISO 17025)

Please note: Field data, where presented on the report, has been provided by the client and is presented for informational purposes only.

Client: Baffinland Iron Mines Corporation
 #300 - 2275 Upper Middle Road East
 Oakville, ON
 L6H 0C3
 Attention: Mr. Jim Millard
 PO#:
 Invoice to: Baffinland Iron Mines Corporation

Report Number: 1400237
 Date Submitted: 2014-01-08
 Date Reported: 2014-01-13
 Project:
 COC #: 776010

| | | | | | 1081279 REG 347 LCH 2013-12-03 MP-ASH-1 | 1081280 REG 347 LCH 2013-12-11 MP-ASH-2 | 1081281 REG 347 LCH 2013-12-29 MP-ASH-3 | 1081282 REG 347 LCH 2013-12-27 MP-ASH-4 |
|-------------------|----------|-------|-------|-----------|--|--|--|--|
| Group | Analyte | MRL | Units | Guideline | | | | |
| General Chemistry | Moisture | 0.1 | % | | <0.1 | <0.1 | <0.1 | <0.1 |
| Mercury | Hg | 0.001 | mg/L | LQC-0.1 | <0.001 | <0.001 | <0.001 | <0.001 |
| Metals | Ag | 0.001 | mg/L | LQC-5 | <0.001 | <0.001 | <0.001 | <0.001 |
| | As | 0.01 | mg/L | LQC-2.5 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Ba | 0.1 | mg/L | LQC-100.0 | 0.2 | 0.5 | 0.5 | 2.7 |
| | Cd | 0.001 | mg/L | LQC-0.5 | <0.001 | <0.001 | <0.001 | <0.001 |
| | Cr | 0.5 | mg/L | LQC-5.0 | <0.5 | | <0.5 | <0.5 |
| | | 1 | mg/L | LQC-5.0 | | <1 | | |
| | Pb | 0.01 | mg/L | LQC-5.0 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Se | 0.01 | mg/L | LQC-1.0 | <0.01 | | | |
| | | 0.1 | mg/L | LQC-1.0 | | <0.1 | <0.1 | <0.1 |
| | Zn | 0.1 | mg/L | | <0.1 | <0.1 | <0.1 | <0.1 |

| | | | | | 1081283 REG 347 LCH 2013-12-27 MP-ASH-5 | 1081284 REG 347 LCH 2013-12-29 MP-ASH-6 | 1081285 REG 347 LCH 2013-12-31 MP-ASH-7 |
|-------------------|----------|-------|-------|-----------|--|--|--|
| Group | Analyte | MRL | Units | Guideline | | | |
| General Chemistry | Moisture | 0.1 | % | | <0.1 | <0.1 | <0.1 |
| Mercury | Hg | 0.001 | mg/L | LQC-0.1 | <0.001 | <0.001 | <0.001 |
| Metals | Ag | 0.001 | mg/L | LQC-5 | <0.001 | <0.001 | <0.001 |
| | As | 0.01 | mg/L | LQC-2.5 | <0.01 | <0.01 | <0.01 |
| | Ba | 0.1 | mg/L | LQC-100.0 | 2.0 | 1.4 | 0.5 |
| | Cd | 0.001 | mg/L | LQC-0.5 | <0.001 | <0.001 | 0.053 |
| | Cr | 0.1 | mg/L | LQC-5.0 | | <0.1 | <0.1 |

Guideline = REG 558

* = Guideline Exceedence

** = Analysis completed at Mississauga, Ontario.

Results relate only to the parameters tested on the samples submitted.

Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
 MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable
 Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO
 = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

Client: Baffinland Iron Mines Corporation
 #300 - 2275 Upper Middle Road East
 Oakville, ON
 L6H 0C3
 Attention: Mr. Jim Millard
 PO#:
 Invoice to: Baffinland Iron Mines Corporation

Report Number: 1400237
 Date Submitted: 2014-01-08
 Date Reported: 2014-01-13
 Project:
 COC #: 776010

| | | | | | 1081283 REG 347 LCH 2013-12-27 MP-ASH-5 | 1081284 REG 347 LCH 2013-12-29 MP-ASH-6 | 1081285 REG 347 LCH 2013-12-31 MP-ASH-7 |
|--------|---------|------|-------|-----------|--|--|--|
| Group | Analyte | MRL | Units | Guideline | | | |
| Metals | Cr | 0.5 | mg/L | LQC-5.0 | <0.5 | | |
| | Pb | 0.01 | mg/L | LQC-5.0 | <0.01 | <0.01 | <0.01 |
| | Se | 0.1 | mg/L | LQC-1.0 | <0.1 | <0.1 | <0.1 |
| | Zn | 0.1 | mg/L | | <0.1 | <0.1 | <0.1 |

Guideline = REG 558

* = Guideline Exceedence

** = Analysis completed at Mississauga, Ontario.

Results relate only to the parameters tested on the samples submitted.

Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

Client: Baffinland Iron Mines Corporation
 #300 - 2275 Upper Middle Road East
 Oakville, ON
 L6H 0C3
 Attention: Mr. Jim Millard
 PO#:
 Invoice to: Baffinland Iron Mines Corporation

Report Number: 1400237
 Date Submitted: 2014-01-08
 Date Reported: 2014-01-13
 Project:
 COC #: 776010

QC Summary

| Analyte | Blank | QC % Rec | QC Limits |
|--|-------------|-------------|--------------|
| Run No 263558 Analysis Date 2014-01-09 Method C SM2540B | | | |
| Moisture | | | 80-120 |
| Run No 263612 Analysis Date 2014-01-10 Method EPA 200.8 | | | |
| Ag | <0.001 mg/L | 96 | 89-111 |
| As | <0.01 mg/L | 95 | 81-119 |
| Ba | <0.1 mg/L | 96 | 91-109 |
| Cd | <0.001 mg/L | 96 | 86-114 |
| Cr | <0.5 mg/L | 95 | 89-111 |
| Pb | <0.01 mg/L | 99 | 89-111 |
| Se | <0.01 mg/L | 102 | 77-123 |
| Zn | <0.1 mg/L | 94 | 89-111 |
| Run No 263616 Analysis Date 2014-01-10 Method M SM3112B-3500B | | | |
| Hg | <0.001 mg/L | 99 | 70-130 |

Guideline = REG 558

*** = Guideline Exceedence**

** = Analysis completed at Mississauga, Ontario.

Results relate only to the parameters tested on the samples submitted.

Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
 MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable
 Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO
 = Interim Provincial Water Quality Objective, TDR = Typical Desired Range