APPENDIX E.5 – INCINERATOR ASH DRUM SAMPLING REPORT

A TETRA TECH COMPANY

March 27, 2013

ISSUED FOR USE
EBA FILE: Y22103021-01
Via Email: jim.millard@baffinland.com

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Confidential

Attention: Mr. Jim Millard

Subject: Incinerator Ash Drum Sampling Report
Mary River and Milne Inlet Camps
Baffin Island, Nunavut

1.0 INTRODUCTION

EBA Engineering Consultants Ltd., operating as EBA, A Tetra Tech Company (EBA) is pleased to provide this report for Baffinland Iron Mines Corporation describing incinerator ash drum sampling at Mary River and Milne Inlet camps on Baffin Island, Nunavut.

1.1 Objective

The objective of the incinerator ash drum sampling program was to assess the contents of the drums, collect samples for laboratory analysis, and compare the analytical results to regulatory guidelines. This work was done to determine which drums could be disposed of in the on-site landfill (Mary River Landfill) or if off-site landfill disposal is required.

1.2 Scope of Work

The scope of work, as presented in Section 2.0 of EBA's proposal for Incinerator Ash Sampling (EBA File: PY22103021-01, letter dated October 1, 2012) was executed as follows:

- Reviewed environmental documents prepared for the sites pertaining to the incinerator and landfill;
- Reviewed environmental regulations for landfills in Nunavut;
- Developed the 2012 sample analytical program; and
- Prepared a report providing the analytical results and rationale for disposal.

1.3 Authorization

Authorization to proceed with the present study was given by Mr. David Carson, of Baffinland Iron Mines Corp. (Baffinland) via a purchase order number PO13675, dated October 5, 2012.

2.0 FIELD PROGRAM

On August 30 and 31, 2012, Mr. Michael Bensing of EBA was on-site to conduct the incinerator ash drum sampling fieldwork and to train Baffinland employees to collect samples from the Mary River and

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Milne Inlet camps. Photo records of each site's ash drum storage areas were taken and a sketch of drum location layout was made. Photographs are presented in Appendix A.

Each ash drum was given an alpha numeric identifier, based on the row and column where the drums were stored (Figures 1 and 2). This identifier was written on the drum with a paint marker for future reference. Where possible, the contents of each drum was noted, based on a visual inspection. A list of the drum contents from the Mary River and Milne Inlet camps are provided in Tables 1 and 2, respectively. Except for drums that could not be easily opened and drums with large debris that prohibited sampling, each ash drum was sampled using a hand shovel, with any large non-incinerated debris removed. A total of 452 samples were collected, placed in glass laboratory sample jars, and placed in a cooler for transport to Exova Laboratory in Ottawa, Ontario. Exova is an accredited member of the Canadian Association for Laboratory Accreditation (CALA). Copies of the laboratory analytical reports are reproduced in Appendix B.

3.0 LABORATORY ANALYSIS

At the laboratory, a composite sample was made from a combination of four analogous individual sample jars. The four analogous samples were selected at the instruction of EBA. A total of 113 composite samples were created and subjected to the Toxicity Characteristic Leaching Procedure (TCLP), per United States Environmental Protection Agency (USEPA) Test Method 1311. Each composite sample was analyzed for arsenic, barium, boron, cadmium, chromium, lead, mercury, selenium, silver, uranium, and zinc. Any composite sample that exceeded 25% of the applicable regulatory criteria was flagged and the individual samples for that composite were analyzed individually.

4.0 ENVIRONMENTAL REGULATORY CRITERIA

EBA conducted a review of environmental documents pertaining to the Baffinland mine, including:

- "Waste Management Plan for Construction, Operation and Closure" (2012)
- "Design Basis – Waste Management Facilities", Hatch (2012)
- "Design Basis for Incinerator", Hatch (2012)
- "NWB Renewal of Licence No. 2BB–MRY0710, as Licence No. 2BB–MRY1114", Nunuvut Water Board (2011)
- "Environmental Guideline for Industrial Waste Discharges into Municipal Solid Waste and Sewage Treatment Facilities", Department of Environment of the Government of Nunavut (2011)
- "Commercial Lease for Inuit Owned Lands Between Qikiqtani Inuit Association (as Landlord) and Baffinland Iron Mines Coporation (as Tenant)" (2010)
- "Mary River Landfill Operations Manual", Baffinland Iron Mines Corporation (2010)
- "Environmental Code of Practice for Metal Mines", Environment Canada (2009)

- "Abandoned Military Site Remediation Protocol", Indian and Northern Affairs Canada, Northern Affairs Organization, Contaminated Sites Program (2008)
- "Submission of an Addendum to the Landfill Site Design Report for the Mary River Project", Baffinland Iron Mines Corporation (2008)
- "Bulk Sampling Program, Landfill Design and Operations", Knight Piésold Ltd. (2008)

No guidance could be found regarding the number of drums to be analyzed prior to landfill disposal. The Barrel Protocol (Annex B) of the Abandoned Military Site Remediation Protocol suggests that 30 to 40% of barrels be sampled prior to disposal. The compositing of 452 samples from 1,300 to 1,500 total drums between the sites represents 30 to 35% of the drums analyzed.

The Waste Management Plan for Construction, Operation and Closure states that "Ashes from the incineration process will be buried within a designated area of the landfill. A Toxicity Characteristic Leaching Procedure (TCLP) analysis will be conducted on ash as required prior to disposal in the landfill. Ash that does not meet guidelines following TCLP analysis will be treated on-site if possible or transported for off-site disposal at an appropriate facility." Regarding the landfill, the Plan states "Non-hazardous waste, including ashes from the incineration process, and waste which cannot be salvaged or incinerated, will be deposited in this site. Ash will only be disposed of following receipt of TCLP analysis that meets acceptable standards. There will be no disposal of food waste, hazardous materials, paper products or biomedical waste in the landfill." The Mary River Landfill Operations Manual lists additional materials that are unacceptable for disposal in the Mary River Landfill.

The analytical results of each composite and individual samples were compared to the Environmental Guideline for Industrial Waste Discharges into Municipal Solid Waste and Sewage Treatment Facilities (Revised April 2011), provided by the Department of Environment of the Government of Nunavut. The specific applicable criteria is "process residuals" presented in Column 2 of Table 1 in the above referenced document.

5.0 INVESTIGATION RESULTS

5.1 Laboratory Analytical Results

The laboratory results for the composite and individual samples were compared to the above-referenced guidelines and are presented in Tables 3 and 4, respectively.

The analytical lead results of Comp 42 (17.5 mg/L), Comp 45 (62.7 mg/L), and Comp 96 (8.1 mg/L) exceeded the lead guideline (5 mg/L). The cadmium result of Comp 49 (0.35 mg/L) exceeded 25% of the cadmium guideline (0.5 mg/L).

The following individual samples of the above mentioned composite samples were analyzed:

- MI-A4, MI-B1, MI-B4, and MI-C3, composited to make M13-COMP (chromium at 0.78 mg/L). The chromium result of M13-COMP (0.78 mg/L) exceeded the former chromium guideline (0.5 mg/L), but was less than 25% of the revised guideline (5 mg/L);
- O29, O32, P26, and P30, composited to make Comp 42 (lead at 17.5 mg/L);

- Q1, Q8, R3, and R6, composited to make Comp 45 (lead at 62.7 mg/L);
- U7, U12, V11, and V13, composited to make Comp 49 (cadmium at 0.35 mg/L);
- G31, G32, G33, and H32, composited to make Comp 96 (lead at 8.1 mg/L).

The analytical results of the above individual samples were less than the applicable guidelines, except that samples O29 (114 mg/L) and Q8 (6 mg/L) exceeded the applicable guideline for lead (5 mg/L).

5.2 Drum Content Review

The following drums from the Mary River camp contained oil, oil containers, oil filters, hydraulic fluid containers, or other petroleum products, and cannot be disposed of in the Mary River Landfill: D4, D11, F11, F58, G30, H18, N10, N21, N35, O25, O35, R7, U9, V10, W12, Y1, AA3, AA4, AA27, AA30, and AA42-AA45.

The contents of the following drums from the Mary River camp could not be identified and should be determined prior to disposal: A38, A40, A41, A42, A44, A45, A51, A53, A54, B6, B7, B9, B28, B37, B40, B42, B43, B50, B52, B53, B54, B57, C29, C30, C46, C51, D5, D31, D46, D47, E14, F12, F13, F26, F57, G10, G11, G12, G29, G35 to G50, G53, H12, H25, H29, H33 to H44, H46 to H53, I1, I2, I9, I10, I12 to I15, I21 to I23, I26, I29, I30, I41, I44 to I50, J9, J18, J19, J30, J31, J34, J39, J40, J43, J44, J47 to J49, K4, K8, K16, K22, K23, L4, L22, M1, M10, M17, M37, M38, N1, N2, N16, N31, N36, N37, O1, O2, O14, O21, O31, O41, P2, P20, P29, P33, P37, P38, P40, R26, S3, S4, T1, T2, U3, U4, U10, U13, U15, U16, V3, V4, V14, V15, V18, V19, W1, W4, W9, W11, W14, W16, X10, X13, X15, AA2, AA7 to AA10, AA12, and AA39. Note that drums I9, I10, and J10 are overpack drums and drums G17 and K15 appear to be "honey buckets".

The following drums from the Mary River camp were analyzed in 2010: A34 (IA-2010-4), A35 (IA-2010-3), B34 (IA-2010-2), B35 (IA-2010-1), E60 (I2008 09-11), S2 (IA-08/09-6), and AA37 (IA-06/07-4). Additional drums from the 2010 sampling event were not observed during the 2012 sampling event. The 2010 sampling report is provided in Appendix C.

The contents of the following drums from the Milne Inlet camp contained oil, oil containers, oil filters, hydraulic fluid containers, or other petroleum products, and cannot be disposed of in the Mary River Landfill: MI-E11, MI-E14, MI-E15, MI-F13, MI-F14, MI-I16, MI-K4, and MI-L2.

The contents of the following drums from the Milne Inlet camp could not be identified and should be determined prior to disposal: MI-B5, MI-C5, MI-C6, MI-C12, MI-C16, MI-C17, MI-C20, MI-C21, MI-C25, MI-D5, MI-D6, MI-D12, MI-D13, MI-D20, MI-D21, MI-D23 to MI-D25, MI-E6 to MI-E9, MI-E12, MI-E13, MI-E20, MI-E24, MI-E28, MI-E29, MI-F5 to MI-F8, MI-F19, MI-F20, MI-F25, MI-F26, MI-F29, MI-F30, MI-G7 to MI-G9, MI-G11, MI-G13, MI-H7 to MI-H9, MI-I2, MI-I3, MI-I12 to MI-I15, MI-J3, MI-J4, MI-J7, MI-J13 to MI-J16, MI-K5, MI-K6, MI-K10 to MI-K12, MI-K14, MI-K15, MI-L4, MI-L5, MI-L10, MI-L11, MI-L13, MI-L14, MI-L16, MI-L20, MI-M3 to MI-M6, MI-M14 to MI-M19, MI-N2 to MI-N5, MI-N11 to MI-N16, MI-O1, MI-O2, MI-O6, MI-O10, MI-O13, MI-P1, MI-P2, MI-P6, MI-P13, and MI-S1. Note that drums MI-O10, MI-O13, and MI-P13 are overpack drums.

Electronic components were observed in drums B56, G26, N3 (Mary River) and MI-J17 (Milne Inlet). Electronic components may not be disposed of in the Mary River Landfill.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the work conducted, the following is concluded:

- Four out of 113 (about 3.5%) of the composite samples (Comp 42, Comp 45, Comp 49, and Comp 96) exceeded 25% of the applicable guidelines and had the individual samples analyzed.
- Two of the individual samples (O29 and Q8) exceeded the applicable guideline. Therefore, less than 0.5% of the drums sampled would be considered to be hazardous waste.

Based on the work conducted, the following is recommended:

- Drums O29 and Q8 should be treated to become non-hazardous or sent to an off-site hazardous waste landfill.
- The drums identified in Section 5.2 as containing oil products should be sent off-site for disposal.
- Drums B56, G26, N3, and MI-J17 contained electronics, which should be removed and sent off-site for disposal.
- Drums G17 and K15 are suspected to contain human waste. The contents of these drums should be verified and disposed of properly.
- If during drum handling, the contents of the drums are observed to contain materials that are unacceptable for disposal at the Mary River Landfill, those materials should be segregated and treated or sent off-site for disposal.
- The drums that did not have their contents identified during the field program (see Section 5.2) should be investigated for oil containing products and disposed of off-site, if found.
- Sample analysis of drums that have not been analyzed is not necessary, as there were a very small percentage of drums found that exceeded regulatory guidelines.
- Baffinland may incinerate any drum contents that are amenable to incineration, if desired to minimize landfill size. Otherwise, the small amount of combustibles may be disposed of in the landfill.
- Drums disposed of in the on-site landfill should be compacted with heavy machinery as much as possible in the landfill to eliminate void space. It is not necessary to remove the contents from the drums. The drums should be placed as close together as possible, in the part of the landfill that would provide the most cover possible. The drums should be placed in the northeast corner to be as far away as possible from the lake, unless the previous recommendations are not possible.

EBA is available to assist Baffinland with the citing of the drums within the landfill or the off-site disposal of drums that cannot be placed in the Mary River Landfill.

7.0 LIMITATIONS OF REPORT

This report and its contents are intended for the sole use of Baffinland Iron Mines Corporation and their agents. EBA Engineering Consultants Ltd. operating as EBA, A Tetra Tech Company, does not accept any responsibility for the accuracy of any of the data, the analysis, or the recommendations contained or referenced in the report when the report is used or relied upon by any Party other than Edmonton International Airports (EIA) or for any Project other than the proposed development at the sites. Any such unauthorized use of this report is at the sole risk of the user. Use of this report is subject to the terms and conditions stated in EBA's Services Agreement. EBA's General Conditions are provided in Appendix C of this report.

8.0 CLOSURE

We trust this letter report meets your present requirements. Should you have any questions or comments, please contact the undersigned at your convenience.

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Attachments: Tables (4)
Figures (2)
Appendix A: Site Photographs
Appendix B: Laboratory Results
Appendix C: EBA's General Conditions

TABLES

Table 1: Mary River Site Incinerator Ash Drum Contents and Composite Identifier

Barrel Number	Contents	Composite ID
A1	Cans, ash, water	Comp 30
A2	Cans, small feces, ash, water	Not Analyzed
A3 - A4	Metal, water	Not Analyzed
A5	Metal, cans, water, ash	Not Analyzed
A6	Water, metal, ash	Not Analyzed
A7	Water, metal, ash, wood	Comp 62
A8	Ash, top crushed, cannot obtain sample	Not Analyzed
A9	Ash, plastic, water	Comp 85
A10	Water, metal, ash, glass	Comp 62
A11	Water, metal, ash	Not Analyzed
A12	Metal, ash	Not Analyzed
A13	Water, ash	Not Analyzed
A14	Ash, metal	Not Analyzed
A15 - A16	Metal, ash	Not Analyzed
A17	Ash, metal	Not Analyzed
A18	Ash, metal	Comp 63
A19 - A21	Ash, metal	Not Analyzed
A22	Ash, metal	Comp 63
A23	Ash, metal	Not Analyzed
A24	Metal, gaskets, ash	Comp 64
A25 - A27	Ash, metal	Not Analyzed
A28	Metal, wire, ash	Comp 28
A29	Ash, metal	Comp 64
A30 - A32	Ash, metal	Not Analyzed
A33	Metal, ash	Comp 65
A34	Metal, ash (IA-2010-4)	Not Analyzed
A35	Ash, metal (IA-2010-3)	Not Analyzed
A36	Ash, metal	Comp 65
A37	Crushed top, can't sample - ash	Not Analyzed
A38	Can't open	Not Analyzed
A39	Juice boxes, ash	Comp 86
A40	Can't open	Not Analyzed
A41 - A42	Empty closed top	Not Analyzed
A43	Sand, ash, water	Comp 86
A44 - A45	Can't open	Not Analyzed
A46	Metal	Not Analyzed
A47	Water, trash, bags	Not Analyzed
A48	Water, metal	Not Analyzed
A49	Bags	Not Analyzed
A50	Calcium chloride gel, water	Comp 95
A51	Can't open	Not Analyzed
A52	Ash, bags	Comp 86
A53 - A54	Can't open	Not Analyzed
A55 - A56	Metal	Not Analyzed
A57	Ash, trash, water	Comp 27
A58	Ash, water	Comp 86
A59	Metal, ash, water, clam shells	Comp 65
A60	Ash, fruit, water	Not Analyzed
A61	Ash	Comp 87
B1	Ash, water	Comp 85
B2	Cans, juice containers	Not Analyzed
B3	Metal, water	Not Analyzed
B4	Metal, cans, water, ash	Comp 55
B5	Water, potatoes	Not Analyzed
B6 - B7	Can't open	Not Analyzed
B8	Water, metal	Not Analyzed
B9	Top crushed, cannot obtain sample	Not Analyzed
B10	Sand, rock, ash	Comp 85
B11	Metal	Not Analyzed
B12	Metal, ash	Comp 62
B13	Water, ash	Comp 85
B14	Ash, metal	Not Analyzed
B15	Metal, ash, glass, air filters	Comp 62
B16	Metal, ash	Comp 63
B17	Metal, ash	Not Analyzed
B18	Ash, metal	Not Analyzed
B19	Metal, ash	Not Analyzed
B20	Ash, metal, wire	Comp 63
B21	Metal, ash	Not Analyzed
B22 - B23	Ash, metal	Not Analyzed
B24	Metal, ash	Not Analyzed
B25 - B26	Ash, metal	Not Analyzed
B27	Ash, metal, wood	Comp 64
B28	Can't open	Not Analyzed
B29 - B30	Ash, metal	Not Analyzed
B31	Metal, ash	Comp 64
B32	Metal, wire, ash	Comp 28
B33	Ash, metal, water	Not Analyzed
B34	Metal (IA-2010-2)	Not Analyzed
B35	Metal, ash (IA-2010-1)	Not Analyzed
B36	Trash bags, cans	Not Analyzed
B37	Can't open	Not Analyzed
B38	Ash, garbage	Comp 26
B39	Trash bags, garbage	Not Analyzed
B40	Empty closed top	Not Analyzed
B41	Ash, metal, glass, water	Comp 65
B42 - B43	Can't open	Not Analyzed
B44	Trash	Not Analyzed

Table 1: Mary River Site Incinerator Ash Drum Contents and Composite Identifier

Barrel Number	Contents	Composite ID
B45	Wire, cables, air filters, ash	Comp 29
B46	Cardboard, wood	Not Analyzed
B47	Metal	Not Analyzed
B48	Calcium chloride gel, water	Comp 95
B49	Bags	Not Analyzed
B50	Can't open	Not Analyzed
B51	Trash	Not Analyzed
B52 - B54	Can't open	Not Analyzed
B55	Metal	Not Analyzed
B56	Metal, electronics	Not Analyzed
B57	Can't open	Not Analyzed
B58	Trash, water	Not Analyzed
B59	Ash, water	Comp 87
B60	Metal, ash, water	Comp 66
C1	Water, bags, ash	Not Analyzed
C2	Ash, metal, bones	Comp 66
C3	Sand, gravel, water	Comp 93
C4	Bags, cans, water, rags, wire, potatoes, ash	Comp 28
C5	Ash, cans, water	Comp 31
C6	Metal, water	Not Analyzed
C7	Ash, metal, plastic, glass, water	Not Analyzed
C8	Ash, metal, water	Comp 67
C9	Ash, cans	Comp 31
C10	Ash, plastic, metal, water	Comp 67
C11	Cans	Not Analyzed
C12	Ash, metal, water, glass	Not Analyzed
C13	Cans	Not Analyzed
C14	Ash, metal	Comp 67
C15	Sand, ash, bungee cords, wood	Not Analyzed
C16	Ash, bones	Comp 88
C17	Ash, sand, metal	Comp 68
C18	Ash, water	Comp 88
C19 - C20	Ash, metal	Not Analyzed
C21	Metal, ash, sand	Comp 68
C22	Ash, sand	Comp 88
C23	Ash, metal, water	Not Analyzed
C24	Ash, metal, wood	Not Analyzed
C25	Ash, metal	Not Analyzed
C26	Ash, metal, hose	Comp 69
C27	Ash, metal	Not Analyzed
C28	Ash, metal, wire	Comp 69
C29 - C30	Can't open	Not Analyzed
C31 - C32	Ash, metal	Not Analyzed
C33	Metal	Not Analyzed
C34	Clay	Not Analyzed
C35	Metal, electric motor	Not Analyzed
C36	Cans, water	Not Analyzed
C37	Sand, wood, water	Comp 93
C38 - C39	Metal, ash	Not Analyzed
C40 - C41	Trash, water	Not Analyzed
C42	Metal, water	Not Analyzed
C43	Metal, ash, water, wood	Comp 70
C44	Calcium chloride gel, water	Comp 95
C45	Calcium chloride gel, water	Comp 95
C46	Can't open	Not Analyzed
C47	Ash, metal	Comp 70
C48	Water, bags	Not Analyzed
C49	Not Available	Not Analyzed
C50	Red clay, water	Comp 93
C51	Unknown liquid, unopened, 1 bung open	Not Analyzed
C52	Ash	Comp 89
C53	Ash, metal, water	Comp 70
C54	Water, ash, metal	Not Analyzed
C55	Ash, metal, water	Not Analyzed
C56	Ash, metal	Comp 71
C57	Ash, metal	Not Analyzed
D1	Ash, bones, water, cans	Comp 61
D2	Ash, water	Comp 87
D3	Ash, water, cans	Not Analyzed
D4	Jet A unopened, mostly empty	Not Analyzed
D5	Can't open	Not Analyzed
D6	Metal, ash, water	Comp 66
D7	Ash, metal, plastic, bones, water	Comp 66
D8	Ash, metal, water	Not Analyzed
D9	Cans, water	Not Analyzed
D10	Ash, cans, water	Comp 31
D11	Oil Containers, plastic	Not Analyzed
D12	Metal	Not Analyzed
D13	Ash, metal, water	Comp 67
D14	Sand, ash, water	Comp 87
D15	Cans, ash, nails	Comp 31
D16	Ash, metal, bones	Not Analyzed
D17	Cans, ash, wire	Comp 29
D18	Ash, sand	Not Analyzed
D19	Liner	Not Analyzed
D20	Sand, gravel, ash, glass	Not Analyzed
D21	Ash, metal	Not Analyzed
D22	Ash, metal	Comp 68

Table 1: Mary River Site Incinerator Ash Drum Contents and Composite Identifier

Barrel Number	Contents	Composite ID
D23	Ash, metal car parts	Not Analyzed
D24	Metal car parts, ash	Comp 61
D25	Ash, metal	Not Analyzed
D26	Ash, metal	Comp 68
D27	Ash, sand, metal	Not Analyzed
D28	Sand, ash, metal, ceramics	Not Analyzed
D29	Sand, ash	Comp 88
D30 - D31	Ash, metal	Not Analyzed
D32	Ash, metal	Comp 69
D33	Ash, metal	Not Analyzed
D34	Not Available	Not Analyzed
D35	Clay	Comp 93
D36	Ash, metal	Comp 69
D37	Ash, metal, water	Not Analyzed
D38	Ash, metal	Not Analyzed
D39	Ash, metal	Comp 70
D40 - D41	Garbage, water	Not Analyzed
D42	Ash, metal, water, trash	Comp 26
D43	Cans, ash, bags, water	Comp 32
D44	Water	Not Analyzed
D45	Water, bags	Not Analyzed
D46 - D47	Crushed top, not available	Not Analyzed
D48	Water, bags	Not Analyzed
D49	Not Available	Not Analyzed
D50	Clay, metal	Not Analyzed
D51	Ash, cans, glass, clam shells	Comp 32
D52	Ash, cans, plastic	Comp 32
D53	Ash, water, plastic	Comp 89
D54	Water, ash, metal, trash	Comp 27
D55	Ash, metal	Comp 71
D56	Cans	Not Analyzed
D57	Ash, metal	Not Analyzed
E1	Cans, plastic	Not Analyzed
E2	Water, foam pads	Not Analyzed
E3	Water, ash, cans	Not Analyzed
E4	Metal, water, styrofoam	Not Analyzed
E5	Ash, cans, water, cable	Comp 30
E6	Cans, ash	Comp 33
E7 - E8	Ash, cans, water	Not Analyzed
E9	Ash, metal, water	Comp 71
E10	Cans, plastic, ash	Not Analyzed
E11	Metal, plastic, water	Not Analyzed
E12	Ash, water	Comp 90
E13	Ash, sand, metal, water	Comp 71
E14	Crushed top, not available	Not Analyzed
E15 - E16	Ash, metal	Not Analyzed
E17	Ash, metal	Comp 72
E18	Ash, sand, metal	Not Analyzed
E19	Ash, slag	Comp 27
E20	Ash, metal	Not Analyzed
E21	Metal, ash	Comp 72
E22	Ash, metal	Not Analyzed
E23	Metal	Not Analyzed
E24	Metal, ash	Comp 73
E25	Metal	Not Analyzed
E26	Metal, aerosol cans	Not Analyzed
E27	Liner, water	Not Analyzed
E28 - E29	Ash, metal	Not Analyzed
E30	Ash, metal	Comp 73
E31	Metal, ash	Comp 74
E32	Ash, metal, water	Not Analyzed
E33	Ash, glass, metal, water	Not Analyzed
E34	Metal, ash	Not Analyzed
E35	Ash, metal	Not Analyzed
E36	Ash, metal, water	Not Analyzed
E37	Ash, metal, water	Comp 74
E38	Metal, ash	Not Analyzed
E39	Metal, ash	Not Analyzed
E40	Metal, ash, water	Not Analyzed
E41	Metal, ash	Not Analyzed
E42	Metal, ash	Comp 75
E43	Ash, metal	Not Analyzed
E44	Metal, ash	Comp 75
E45	Crushed top, not available	Not Analyzed
E46	Metal, ash	Not Analyzed
E47	Ash, metal	Not Analyzed
E48	Plastic bags, water	Not Analyzed
E49	Ash, metal, water	Comp 76
E50	Ash, metal	Not Analyzed
E51	Ash, metal	Comp 76
E52	Ash, metal	Comp 77
E53	Sand bags	Comp 94
E54	Cans, ash, water	Comp 33
E55	Ash, water	Comp 90
E56	Ash, cans, water	Not Analyzed
E57	Ash, cans, ceramic, water	Comp 33
E58	Ash, cans, water	Comp 34
E59	Ash, metal, styrofoam, water	Not Analyzed

Table 1: Mary River Site Incinerator Ash Drum Contents and Composite Identifier

Barrel Number	Contents	Composite ID
E60	Ash, metal (I2008 09-11)	Not Analyzed
F1	Cans, ash	Not Analyzed
F2	Water, styrofoam, metal	Not Analyzed
F3	Water, ash, cans, bones	Comp 32
F4	Water, ash, cans	Not Analyzed
F5	Ash, cans, water, glass	Not Analyzed
F6	Ash, cans, water	Not Analyzed
F7	Ash, cans, water	Comp 33
F8	Ash, cans, water	Not Analyzed
F9	Ash, water	Comp 89
F10	Ash, water	Comp 89
F11	Hydraulic fluid and oil cans	Not Analyzed
F12 - F13	Crushed top, not available	Not Analyzed
F14	Ash, metal	Comp 72
F15 - F16	Ash, metal	Not Analyzed
F17	Metal	Not Analyzed
F18	Ash, sand, metal	Not Analyzed
F19	Ash, metal	Comp 72
F20	Metal, ash	Not Analyzed
F21 - F22	Ash, metal	Not Analyzed
F23	Metal, ash	Not Analyzed
F24	Ash, sand, metal	Not Analyzed
F25	Metal, ash	Comp 73
F26	Not Available	Not Analyzed
F27	Ash, metal	Comp 73
F28	Metal, ash	Not Analyzed
F29 - F30	Ash, metal	Not Analyzed
F31	Ash, metal, water	Comp 74
F32	Ash, trash, water	Comp 27
F33	Metal, ash, sand	Comp 74
F34	Ash, metal	Not Analyzed
F35	Metal	Not Analyzed
F36	Ash, metal, water, plastic	Not Analyzed
F37	Ash, metal	Not Analyzed
F38	Metal, ash	Comp 75
F39	Metal, ash	Comp 75
F40 - F41	Ash, metal, water	Not Analyzed
F42 - F43	Ash, metal	Not Analyzed
F44	Ash, metal, trash, water	Comp 26
F45	Metal, ash	Comp 76
F46	Metal, ash	Not Analyzed
F47	Plastic bags, water	Not Analyzed
F48	Metal, plastic	Not Analyzed
F49	Ash, metal	Comp 76
F50	Ash, metal	Not Analyzed
F51	Plastic bags, water	Not Analyzed
F52	Ash in bags	Comp 90
F53	Ash, metal, water	Comp 77
F54	Cans, ash, water	Not Analyzed
F55	Metal, ceramic, water	Not Analyzed
F56	Metal, glass, water	Not Analyzed
F57	Not Available	Not Analyzed
F58	Oil cans, water	Not Analyzed
F59	Ash, sand, metal	Comp 77
F60	Ash, sand, gravel	Comp 90
G1	Ash, metal, water, glass	Not Analyzed
G2	Ash, metal, water	Comp 77
G3	Ash, metal	Not Analyzed
G4	Garbage, water	Not Analyzed
G5	Cans, water	Not Analyzed
G6	Cans, ash, water	Not Analyzed
G7	Ash, cans, water	Comp 34
G8	Cans, water	Not Analyzed
G9	Banding, cable	Not Analyzed
G10 - G12	Can't open	Not Analyzed
G13	Ash, metal	Comp 78
G14	Ash, metal	Not Analyzed
G15	Metal, ash	Comp 79
G16	Ash, metal	Not Analyzed
G17	Half drum - suspected honey bucket	Not Analyzed
G18	Plastic bags, juice boxes, water	Not Analyzed
G19	Plastic bags, cans, styrofoam, water	Not Analyzed
G20	Car parts, spill pads	Not Analyzed
G21	Cable, truck parts	Not Analyzed
G22	Metal, water	Not Analyzed
G23 - G24	Car parts, water	Not Analyzed
G25	Cans, water	Not Analyzed
G26	Cans, electronics, plastic bags	Not Analyzed
G27	Metal, plastic, ash	Comp 79
G28	Metal, water	Not Analyzed
G29	Can't open	Not Analyzed
G30	Bottles, oil	Not Analyzed
G31	Not Available	Comp 96
G32	Not Available	Comp 96
G33	Not Available	Comp 96
G34	Not Available	Comp 97
G35 - G50	Not Available	Not Analyzed
G51	Not Available	Comp 97

Table 1: Mary River Site Incinerator Ash Drum Contents and Composite Identifier

Barrel Number	Contents	Composite ID
G52	Not Available	Comp 97
G54	Not Available	Comp 98
H1 - H2	Ash, metal, water	Not Analyzed
H3	Ash, metal, plastic, water	Not Analyzed
H4	Ash, metal	Comp 78
H5	Ash, metal, water	Comp 78
H6	Cans, ash, water	Comp 34
H7	Ash, cans, water	Not Analyzed
H8	Spill pads, cans, water	Not Analyzed
H9	Not Available	Not Analyzed
H10	Wood, metal	Not Analyzed
H11	Ash, metal	Comp 78
H12	Can't open	Not Analyzed
H13	Ash, metal, water	Not Analyzed
H14 - H15	Ash, metal	Not Analyzed
H16	Ash, metal	Comp 79
H17	Liner, cans, ash, water	Comp 34
H18	Transmission fluid and windsheild wiper cans	Not Analyzed
H19	Ash, cans	Comp 35
H20	Insulation, water	Not Analyzed
H21	Air filters	Not Analyzed
H22	Metal, water	Not Analyzed
H23 - H24	Car parts, water	Not Analyzed
H25	Can't open	Not Analyzed
H26	Metal, water, plastic bags	Not Analyzed
H27	Water	Not Analyzed
H28	Ash, metal, water	Comp 79
H29	Can't open	Not Analyzed
H30	Ash, metal, water	Comp 80
H31	Ash, cans, water	Not Analyzed
H32	Not Available	Comp 96
H33 - H44	Not Available	Not Analyzed
H45	Not Available	Comp 97
H46 - H53	Not Available	Not Analyzed
H54	Not Available	Comp 98
I1 - I2	Not Available	Not Analyzed
I3	Not Available	Comp 99
I4	Not Available	Comp 99
I5	Not Available	Comp 99
I6	Not Available	Com 100
I7	Not Available	Com 100
I8	Not Available	Comp 101
I9 - I10	Not Available	Not Analyzed
I11	Not Available	Comp 101
I12 - I15	Not Available	Not Analyzed
I16	Not Available	Comp 103
I17	Not Available	Comp 103
I18	Not Available	Comp 103
I19	Not Available	Not Analyzed
I20	Not Available	Comp 104
I21 - I23	Not Available	Not Analyzed
I24	Not Available	Comp 105
I25	Not Available	Comp 106
I26 - I27	Not Available	Not Analyzed
I28	Not Available	Comp 107
I29 - I30	Not Available	Not Analyzed
I31	Not Available	Comp 108
I32	Not Available	Comp 108
I33	Not Available	Comp 108
I34	Not Available	Comp 109
I35	Not Available	Comp 109
I36	Not Available	Comp 110
I37	Not Available	Comp 110
I38	Not Available	Comp 110
I39	Not Available	Comp 111
I40	Not Available	Comp 111
I41	Not Available	Not Analyzed
I42	Not Available	Comp 112
I43	Not Available	Comp 112
I44 - I50	Not Available	Not Analyzed
J1	Not Available	Comp 98
J2	Not Available	Comp 98
J3	Not Available	Not Analyzed
J4	Not Available	Comp 99
J5	Not Available	Com 100
J6	Not Available	Com 100
J7	Not Available	Comp 101
J8	Not Available	Comp 101
J9	Not Available	Not Analyzed
J10	Not Available	Comp 102
J11	Not Available	Comp 102
J12	Not Available	Comp 102
J13	Not Available	Comp 102
J14	Not Available	Comp 103
J15	Not Available	Comp 104
J16	Not Available	Comp 104
J17	Not Available	Comp 104
J18 - J19	Not Available	Not Analyzed

Table 1: Mary River Site Incinerator Ash Drum Contents and Composite Identifier

Barrel Number	Contents	Composite ID
J20	Not Available	Comp 105
J21	Not Available	Comp 105
J22	Not Available	Comp 105
J23	Not Available	Comp 106
J24	Not Available	Comp 106
J25	Not Available	Comp 106
J26	Not Available	Comp 107
J27	Not Available	Comp 107
J28	Not Available	Comp 107
J29	Not Available	Comp 108
J30 - J31	Not Available	Not Analyzed
J32	Not Available	Comp 109
J33	Not Available	Comp 109
J34	Not Available	Not Analyzed
J35	Not Available	Comp 110
J36	Not Available	Comp 111
J37	Not Available	Comp 111
J38	Not Available	Comp 112
J39 - J40	Not Available	Not Analyzed
J41	Not Available	Comp 112
J42	Not Available	Comp 113
J43 - J44	Not Available	Not Analyzed
J45	Not Available	Comp 113
J46	Not Available	Comp 113
J47 - J49	Not Available	Not Analyzed
K1	Cans, ash	Not Analyzed
K2	Plastic, ash, water	Comp 91
K3	Plastic, insulation, water	Not Analyzed
K4	Multiple lids, water	Not Analyzed
K5	Ash, sand	Comp 91
K6	Plastic, metal	Not Analyzed
K7	Metal, plastic	Not Analyzed
K8	Many lids	Not Analyzed
K9	Ash, metal	Comp 80
K10	Ash, cardboard, cans	Comp 36
K11 - K12	Ash, cans	Not Analyzed
K13	Cans, water, ash	Comp 36
K14	Plastic bottles, water, cans, ash	Not Analyzed
K15	Possible honey bucket	Not Analyzed
K16	Can't open	Not Analyzed
K17	Sand, gravel	Not Analyzed
K18	Cans, rocks, bones	Comp 37
K19	Ash, metal, water	Comp 80
K20	Metal, ash, water	Not Analyzed
K21	Cans, ash, water	Comp 37
K22 - K23	Can't open	Not Analyzed
K24	Ash, cans	Comp 37
K25	Ash, cans, water	Not Analyzed
K26	Ash, cans, water, glass	Not Analyzed
K27	Ash, cans, water	Not Analyzed
K28	Ash, metal	Comp 81
L1	Trash	Comp 25
L2	Cans, ash	Comp 35
L3	Plastic, ash	Not Analyzed
L4	Many lids, water	Not Analyzed
L5	Plastic bags, ash, bottles, glass	Comp 91
L6	Ash, cans	Comp 35
L7	Ash, metal	Comp 80
L8	Ash, cans	Comp 35
L9	Sand, ash, water	Comp 91
L10	Cans	Comp 36
L11	Paper, cans	Not Analyzed
L12 - L13	Ash, cans, water	Not Analyzed
L14	Plastic, cans, water	Not Analyzed
L15	Ash, cans	Comp 36
L16	Ash, metal	Not Analyzed
L17	Ash, sand, gravel, plastic, water	Not Analyzed
L18 - L19	Ash, metal, water	Not Analyzed
L20	Ash, metal, water	Comp 81
L21	Sand, ash, wood, water	Comp 92
L22	Can't open	Not Analyzed
L23	Ash, water	Not Analyzed
L24 - L25	Ash, cans, water	Not Analyzed
L26	Ash, cans, water	Comp 37
L27	Ash, cans, water	Not Analyzed
L28	Cans, water	Not Analyzed
L29	Trash, ash, water	Comp 26
M1	Can't open	Not Analyzed
M2	Cans, ash	Comp 38
M3 - M4	Plastic, water	Not Analyzed
M5	Ash, metal, water	Comp 81
M6	Plastic, metal, ash, water	Not Analyzed
M7	Ash, cans, water	Not Analyzed
M8	Ash, cans, water, styrofoam	Comp 38
M9	Ash, cans, water	Comp 38
M10	Can't open	Not Analyzed
M11	Wood, hose, water	Not Analyzed
M12	Wood, water	Not Analyzed

Table 1: Mary River Site Incinerator Ash Drum Contents and Composite Identifier

Barrel Number	Contents	Composite ID
M13	Cans, water	Not Analyzed
M14	Cans, ash, water	Not Analyzed
M15	Wrapped fish	Not Analyzed
M16	Ash, cans, wood	Comp 39
M17	Can't open	Not Analyzed
M18	Metal, car parts	Not Analyzed
M19	Liner	Not Analyzed
M20	Conduit, banding	Not Analyzed
M21	Cans, ash, banding	Comp 30
M22	Ash, oranges, cans	Comp 61
M23	Ash, cans, styrofoam	Comp 39
M24	Ash, cans	Not Analyzed
M25	Cans, ash	Not Analyzed
M26	Cans, plastic, ash	Not Analyzed
M27	Ash, metal, water	Comp 82
M28	Ash, metal, water	Not Analyzed
M29	Metal, ash	Comp 82
M30	Ash, metal, water	Comp 82
M31	Ash, metal, water	Not Analyzed
M32	Ash, metal, water	Comp 83
M33 - M34	Spill Pads	Not Analyzed
M35	Cans, ash	Not Analyzed
M36	Plastic, cans, ash	Comp 39
M37 - M38	Can't open	Not Analyzed
N1 - N2	Can't open	Not Analyzed
N3	Electronics	Not Analyzed
N4	Plastic, metal, ash, water	Not Analyzed
N5	Trash	Not Analyzed
N6	Trash, water	Not Analyzed
N7	Ash, cans, water	Not Analyzed
N8	Cans, metal	Not Analyzed
N9	Sand, cans	Comp 61
N10	Oil filters, air filters	Not Analyzed
N11	Empty	Not Analyzed
N12	Cans, ash, water, paper	Comp 38
N13	Cans, ash, water	Not Analyzed
N14	Cans, insulation, water	Not Analyzed
N15	Ash, cans	Not Analyzed
N16	Can't open	Not Analyzed
N17	Metal, car parts	Not Analyzed
N18	Plastic, metal	Not Analyzed
N19	Banding	Not Analyzed
N20	Metal, ash, water	Comp 81
N21	Oily water	Not Analyzed
N22	Cans, metal, styrofoam, water	Not Analyzed
N23	Metal	Not Analyzed
N24	Cans, ash	Comp 39
N25	Ash, sand	Comp 92
N26	Ash, metal, water	Not Analyzed
N27	Ash, metal, water	Comp 82
N28 - N29	Ash, metal	Not Analyzed
N30	Ash, metal, water	Not Analyzed
N31	Can't open	Not Analyzed
N32 - N33	Spill pads, clothing, cardboard	Not Analyzed
N34	Ash, metal, water	Comp 83
N35	Oil cans, paint products, plastic	Not Analyzed
N36 - N37	Can't open	Not Analyzed
O1 - O2	Can't open	Not Analyzed
O3	Ash, metal, water	Not Analyzed
O4	Bags, cables, cans, ash, water	Comp 28
O5	Ash, cans, water	Not Analyzed
O6	Cans, metal	Not Analyzed
O7	Cans, ash, water	Comp 40
O8	Plastic, cans, ash, water	Not Analyzed
O9	Metal, ash, water	Not Analyzed
O10	Metal, ash	Not Analyzed
O11	Metal, ash, wire, light bulbs	Comp 25
O12	Metal, ash	Comp 84
O13	Metal	Not Analyzed
O14	Can't open	Not Analyzed
O15	Metal, plastic	Not Analyzed
O16	Metal, ash	Comp 84
O17	Ash, metal	Comp 84
O18	Ash, cans	Comp 41
O19	Plastic, metal and water	Not Analyzed
O20	Liner, plastic bags and water	Not Analyzed
O21	Can't open	Not Analyzed
O22	Water, ash, cans and plastic	Comp 41
O23	Ash, cans and scrap metal	Comp 55
O24	Glass, cardboard, light bulbs, insulation	Not Analyzed
O25	Oily water, plastic	Not Analyzed
O26	Water, scrap metal	Not Analyzed
O27	Ash, cans, plastic, scrap metal	Not Analyzed
O28	Cans, aluminum foil, water, aerosol cans	Not Analyzed
O29	Ash, cans	Comp 42
O30	Plastic bags, water	Not Analyzed
O31	Can't open	Not Analyzed
O32	Ash, cans	Comp 42

Table 1: Mary River Site Incinerator Ash Drum Contents and Composite Identifier

Barrel Number	Contents	Composite ID
O33	Ash, cans, water	Not Analyzed
O34	Plastic, cans, water, ash	Comp 43
O35	Oily water	Not Analyzed
O36	Ash, cans, water	Comp 43
O37	Plastic, food scraps, cans	Not Analyzed
O38	Ash, cans, water, plastic	Comp 44
O39	Ash, cans, water, metal	Comp 55
O40	Ash, cans, water	Comp 44
O41	Can't open	Not Analyzed
O42	Ash, cans, water	Comp 44
O43	Food remains, water	Not Analyzed
O44	Cans, water	Not Analyzed
P1	Cans, ash	Comp 40
P2	Can't open	Not Analyzed
P3	Ash, metal, water	Not Analyzed
P4	Ash, metal, water	Comp 83
P5	Cans, plastic, ash	Not Analyzed
P6	Cans, plastic, ash	Comp 40
P7	Not Available	Comp 113
P8	Cans, ash, wire, plastic	Comp 29
P9	Ash, cans, water	Comp 40
P10	Metal, ash	Comp 83
P11	Metal	Not Analyzed
P12	Cans	Not Analyzed
P13	Ash, metal, water	Not Analyzed
P14	Ash, metal, water	Comp 84
P15	Metal, water	Not Analyzed
P16	Metal, ash	Not Analyzed
P17	Ash, metal	Not Analyzed
P18	Ash, cans	Not Analyzed
P19	Ash, cans	Comp 41
P20	Can't open	Not Analyzed
P21	Ash, cans	Not Analyzed
P22	Ash, cans	Not Analyzed
P23	Cardboard, plastic, water	Not Analyzed
P24	Plastic, water, cardboard	Not Analyzed
P25	Ash, cans, water	Comp 41
P26	Ash, cans	Comp 42
P27	Plastic, spill pads, aerosol cans, ash	Not Analyzed
P28	Ash, cans, plastic, water	Comp 55
P29	Can't open	Not Analyzed
P30	Ash, cans, water	Comp 42
P31	Aerosol cans, metal, plastic, water	Not Analyzed
P32	Ash, cans, water	Comp 43
P33	Can't open	Not Analyzed
P34	Ash, cans, water	Comp 43
P35	Plastic, cables, scrap metal, water	Not Analyzed
P36	Plastic, ash, cans, water	Comp 44
P37 - P38	Can't open	Not Analyzed
P39	Water, food scraps, plastic	Not Analyzed
P40	Can't open	Not Analyzed
P41	Water, plastic bags	Not Analyzed
Q1	Ash, cans, water, plastic	Comp 45
Q2	Ash, cans, water	Not Analyzed
Q3	Water, ash, cans, plastic	Not Analyzed
Q4	Ash, cans, water	Not Analyzed
Q5	Water, ash, cans, plastic	Not Analyzed
Q6	Plastic, ash, cans, water	Not Analyzed
Q7	Ash, cans, aerosol cans, water	Not Analyzed
Q8	Ash, cans, water	Comp 45
Q9	Ash, cans, glass	Comp 46
Q10	Metal, plastic, wire, ash	Comp 29
Q11	Plastic, ash, cans, water	Not Analyzed
Q12	Ash, cans, water, metal	Comp 56
Q13	Water, plastic	Not Analyzed
Q14	Ash, cans, water, plastic	Comp 46
Q15	Ash, cans, water, plastic metal	Comp 56
Q16	Plastic, cans, water, metal	Not Analyzed
Q17	Ash, cans, water	Not Analyzed
Q18	Ash, cans, water	Comp 47
Q19 - Q20	Ash, cans, water	Not Analyzed
Q21	Water, ash, cans	Not Analyzed
Q22	Scrap metal, water, ash, cans, plastic	Not Analyzed
Q23	Scrap metal, water, ash, plastic, cans	Not Analyzed
Q24	Metal, water, ash, cans, glass	Comp 57
Q25	Ash, cans	Comp 47
Q26	Ash, cans, water	Not Analyzed
R1	Cans, water, plastic	Not Analyzed
R2	Cans, insulation, glass, water, plastic	Not Analyzed
R3	Ash, cans, water	Comp 45
R4	Ash, cans, water	Not Analyzed
R5	Plastic, water, ash, cans	Not Analyzed
R6	Ash, cans	Comp 45
R7	Metal, spill pads, oily water	Not Analyzed
R8	Plastic, light bulbs, aerosol cans, ash, water	Not Analyzed
R9	Ash, cans, water	Not Analyzed
R10	Cans, aerosol cans, water, ash	Not Analyzed
R11	Ash, cans, water	Comp 46

Table 1: Mary River Site Incinerator Ash Drum Contents and Composite Identifier

Barrel Number	Contents	Composite ID
R12	Ash, cans, water, metal	Not Analyzed
R13	Scrap metal, ash, cans, water	Not Analyzed
R14	Scrap metal, ash, cans, water	Comp 56
R15	Ash, cans water	Not Analyzed
R16	Ash, cans water	Comp 46
R17	Ash, cans	Not Analyzed
R18	Ash, cans, water	Not Analyzed
R19	Ash, cans, water, wire cable	Comp 30
R20	Ash, cans, water	Comp 47
R21	Plastic, water, ash, cans	Not Analyzed
R22	Ash, cans, plastic, water	Comp 56
R23	Scrap metal, plastic, water, ash, cans, baterries	Not Analyzed
R24	Water, ash, cans, plastic	Comp 47
R25	Ash, cans, water, plastic	Not Analyzed
S1	Ash, cans, water	Comp 48
S2	Sampled in 2010 as IA-08/09-6	Not Analyzed
S3 - S4	Can't open	Not Analyzed
S5	Ash, cans, water	Not Analyzed
S6	Ash, cans, water	Not Analyzed
T1 - T2	Can't open	Not Analyzed
T3	Water, plastic bags, ash	Not Analyzed
T4	Ash, cans, water	Comp 48
T5	Ash, cans, water	Not Analyzed
U1	Ash, cans, water	Comp 48
U2	Ash, cans, water	Not Analyzed
U3 - U4	Can't open	Not Analyzed
U5	Ash, cans, scrap metal	Comp 57
U6	Ash, cans, scrap metal	Not Analyzed
U7	Plastic, water, ash, cans	Com 49
U8	Metal, ash, cans, water	Not Analyzed
U9	Plastic, oily water, spill pads	Not Analyzed
U10	Can't open	Not Analyzed
U11	Ash, cans, water	Not Analyzed
U12	Ash, cans, water	Com 49
U13	Can't open	Not Analyzed
U14	Soil, water	Comp 94
U15 - U16	Can't open	Not Analyzed
U17	Ash, cans	Not Analyzed
U18 - U19	Ash, cans, water	Not Analyzed
U20	Ash, cans, water	Comp 50
U21	Ash, cans, scrap metal	Comp 58
V1	Ash, cans, water	Not Analyzed
V2	Ash, cans, water	Comp 48
V2 - V4	Can't open	Not Analyzed
V5	Ash, cans, scrap metal, light bulbs	Comp 25
V6	Ash, cans, scrap metal, light bulbs	Comp 25
V7	Ash, cans, plastic, water	Not Analyzed
V8	Ash, cans, plastic, water	Comp 57
V9	Scrap metal	Not Analyzed
V10	Oily water, scrap metal, aerosol cans	Not Analyzed
V11	Ash, cans, water	Com 49
V12	Ash, cans, water	Not Analyzed
V13	Plastic, ash, cans, water	Com 49
V14 - V15	Can't open	Not Analyzed
V16	Ash, cans, water	Comp 50
V17	Ash, cans, scrap metal, water	Comp 57
V18 - V19	Can't open	Not Analyzed
V20	Soil, water	Comp 94
V21	Soil, water	Comp 94
V22	Water, plastic bags	Not Analyzed
V23	Ash, cans, scrap metal	Not Analyzed
V24	Ash, cans, scrap metal	Comp 58
W1	Can't open	Not Analyzed
W2	Scrap metal, water, inaccessible ash	Not Analyzed
W3	Ash, cans	Not Analyzed
W4	Can't open	Not Analyzed
W5	Water, auto parts	Not Analyzed
W6	Empty	Not Analyzed
W7	Ash, cans, water, glass	Comp 50
W8	Ash, cans water	Not Analyzed
W9	Can't open	Not Analyzed
W10	Plastic, wood, tubing, metal, water	Not Analyzed
W11	Can't open	Not Analyzed
W12	Oily water, oil cans, scrap metal	Not Analyzed
W13	Water, cans, plastic bags	Not Analyzed
W14	Can't open (plastic blue drum)	Not Analyzed
W15	Scrap metal, wood, cans, liner	Not Analyzed
W16	Can't open	Not Analyzed
W17	Scrap metal, water	Not Analyzed
X1	Ash, cans	Comp 50
X2	Ash, cans, scrap metal	Comp 58
X3	Water, scrap metal, auto parts	Not Analyzed
X4	Hose, water, auto parts	Not Analyzed
X5	Water, wood, plastic bags	Not Analyzed
X6	Ash, cans, water, batteries, auto parts	Not Analyzed
X7	Ash, cans, water, scrap metal	Comp 58
X8	Plastic, tubing water, scrap metal	Not Analyzed
X9	Scrap metal, water	Not Analyzed

Table 1: Mary River Site Incinerator Ash Drum Contents and Composite Identifier

Barrel Number	Contents	Composite ID
X10	Can't open	Not Analyzed
X11	Plastic bags, water	Not Analyzed
X12	Spill pads, garbage bags, cans	Not Analyzed
X13	Can't open	Not Analyzed
X14	Water, scrap metal	Not Analyzed
X15	Can't open	Not Analyzed
X16	Plastic, water	Not Analyzed
X17	Ash, cans, water	Comp 51
Y1	Scrap metal, oil water, plastic	Not Analyzed
Y2	Plastic, ash, cans, water	Comp 51
Y3 - Y4	Ash, cans, scrap metal	Not Analyzed
Z1	Plastic, ash, cans, water	Not Analyzed
Z2	Plastic bags, liner, cloth	Not Analyzed
Z3	Ash, cans, scrap metal	Comp 59
Z4	Ash, cans, scrap metal	Not Analyzed
AA1	Ash, water	Comp 92
AA2	Can't open	Not Analyzed
AA3	Pails, oil water	Not Analyzed
AA4	Ash, plastic, oily water	Not Analyzed
AA5	Ash, cans, water	Comp 51
AA6	Ash, cans, water, glass	Comp 51
AA7 - AA10	Can't open	Not Analyzed
AA11	Scrap metal, cans, ash	Not Analyzed
AA12	Can't open	Not Analyzed
AA13	Ash, cans, scrap metal	Comp 59
AA14	Ash, cans, water, scrap metal	Comp 59
AA15	Plastic, metal, water	Not Analyzed
AA16	Ash, cans, scrap metal	Comp 59
AA17	Scrap metal, plastic, water	Not Analyzed
AA18	Wood, banding, plastic, water	Not Analyzed
AA19	Ash, cans, water	Comp 52
AA20	Ash, cans, water	Comp 52
AA21	Plastic bags, rubber hose	Not Analyzed
AA22	Scrap metal, water	Not Analyzed
AA23	Scrap metal	Not Analyzed
AA24	Scrap metal, water	Not Analyzed
AA25	Scrap metal, aerosol cans	Not Analyzed
AA26	Scrap metal	Not Analyzed
AA27	Oily water, spill pads	Not Analyzed
AA28	Scrap metal, seat cushion	Not Analyzed
AA29	Scrap metal, wood	Not Analyzed
AA30	Metal, hose, oily water, wire	Not Analyzed
AA31	Metal	Not Analyzed
AA32	Scrap metal, plastic, water	Not Analyzed
AA33	Rubber hose, metal, water	Not Analyzed
AA34	Ash, soil, water, rubber hose, scrap metal	Comp 60
AA35	Scrap metal, plastic, ash	Not Analyzed
AA36	Rubber hose	Not Analyzed
AA37	Scrap metal, ash (IA-06/07-4)	Not Analyzed
AA38	Ash, cans, water	Comp 52
AA39	Can't open	Not Analyzed
AA40	Ash, cans, scrap metal	Comp 60
AA41	Ash, cans, scrap metal	Comp 60
AA42 - AA45	Contaminated soil	Not Analyzed
AA46	Ash, soil, water	Comp 92
AB1	Ash, cans, water	Comp 52
AB2	Ash, cans, plastic	Not Analyzed
AB3	Ash, cans, water	Comp 53
AB4	Ash, cans, scrap metal	Comp 60
AB5	Ash, cans, water	Comp 53
AB6	Ash, cans	Comp 53
AB7	Ash, cans, water	Comp 53
AB8	Ash, cans, water	Not Analyzed
AB9	Ash, cans	Comp 54
AB10	Ash, cans, water	Comp 54
AB11	Ash, cans, water	Not Analyzed
AB12	Ash, cans, water, plastic	Comp 54
AB13	Ash, cans, water, plastic	Comp 54

Notes:

• The drum contents listed were based on visual observations of the surficial contents of the drums and is not meant to be all-inclusive.

Table 2: Milne Inlet Site Incinerator Ash Drum Contents and Compsite Identifier

Barrel Number	Contents	Composite ID
MI-A1	Cans, cable	Not Analyzed
MI-A2	Metal, plastic, foam, air filters	Not Analyzed
MI-A3	Metal, ash	Not Analyzed
MI-A4	Metal, ash	M13-COMP
MI-A5	Plastic bags	Not Analyzed
MI-A6	Insulation, plastic, cans	Not Analyzed
MI-B1	Ash, metal	M13-COMP
MI-B2	Cans, plastic, paper, water	Not Analyzed
MI-B3	Metal, ash	Not Analyzed
MI-B4	Ash, metal	M13-COMP
MI-B5	Can't open	Not Analyzed
MI-B6	Insulation, plastic	Not Analyzed
MI-C1	Fruit, water, cans, plastic	Not Analyzed
MI-C2	Paper, ash, cans	M11-COMP
MI-C3	Metal, ash	M13-COMP
MI-C4	Metal, ash	Not Analyzed
MI-C5 to C6	Can't open	Not Analyzed
MI-C7	Bags, water	Not Analyzed
MI-C8	Metal, plastic, ash	M21-COMP
MI-C9	Metal, ash	Not Analyzed
MI-C10	Metal, plastic, ceramic, ash, water	Not Analyzed
MI-C11	Cans	Not Analyzed
MI-C12	Can't open	Not Analyzed
MI-C13	Ash, metal, glass, water	M14-COMP
MI-C14 to C15	Cans	Not Analyzed
MI-C16 to C17	Can't open	Not Analyzed
MI-C18	Metal, ash	Not Analyzed
MI-C19	Metal, ash	M15-COMP
MI-C20	Ash, cans, water	Not Analyzed
MI-C21	Can't open	Not Analyzed
MI-C22	Automobile parts, water	Not Analyzed
MI-C23	Ash, bone, plastic, water	M3-COMP
MI-C24	Ash, bone, water	M3-COMP
MI-C25	Can't open	Not Analyzed
MI-C26	Metal, glass, ash, water	Not Analyzed
MI-C27	Metal, glass, ash, water	M15-COMP
MI-C28	Metal, batteries, aerosol cans, plastic	Not Analyzed
MI-C29	Ash, cans, water	Not Analyzed
MI-D1	Cans, ash	M4-COMP
MI-D2	Gravel, ash, cans	M22-COMP
MI-D3	Metal, ash	M14-COMP
MI-D4	Metal, ash	M14-COMP
MI-D5 to D6	Can't open	Not Analyzed
MI-D7	Plastic, water	Not Analyzed
MI-D8	Plastic, metal, wood	Not Analyzed
MI-D9	Metal, ash, glass	M14-COMP
MI-D10	Metal, plastic, ash, water	Not Analyzed
MI-D11	Cans, ash, plastic, water	Not Analyzed
MI-D12 to D13	Can't open	Not Analyzed
MI-D14	Cans	Not Analyzed
MI-D15	Ash, cans, water	M4-COMP
MI-D16	Bags, cans	Not Analyzed
MI-D17	Sand, gravel, ash, cans, water	M22-COMP
MI-D18	Metal, ash	M15-COMP
MI-D19	Metal, ash	M15-COMP
MI-D20 to D21	Can't open	Not Analyzed
MI-D22	Metal	Not Analyzed
MI-D23 to D25	Can't open	Not Analyzed
MI-D26	Metal, plastic, ash, water	M21-COMP
MI-D27	Gravel, ash, cans	M22-COMP
MI-D28	Wood, strapping, slings, banding	Not Analyzed
MI-D29	Ash, cans, water	M4-COMP
MI-E1	Metal, broken light bulbs	Not Analyzed
MI-E2	Cans	Not Analyzed
MI-E3	Cans, ash	M5-COMP
MI-E4	Sand, gravel, water	M24-COMP
MI-E5	Wood, sand bags, water	Not Analyzed
MI-E6 to E9	Can't open	Not Analyzed
MI-E10	Metal, plastic, ash	M21-COMP
MI-E11	Plastic, cloth, oil bottles, water	Not Analyzed
MI-E12 to E13	Can't open	Not Analyzed
MI-E14	Oily spill pads	Not Analyzed
MI-E15	Oily gravel	Not Analyzed
MI-E16	Ash, cans, water	M4-COMP
MI-E17	Plastic, insulation, cans, ash	M2-COMP
MI-E18	Metal, ash	M16-COMP

Table 2: Milne Inlet Site Incinerator Ash Drum Contents and Compsite Identifier

Barrel Number	Contents	Composite ID
MI-E19	Sand, water	Not Analyzed
MI-E20	Can't open	Not Analyzed
MI-E21	Cans, ash, wood, water	M11-COMP
MI-E22	Wood, water	Not Analyzed
MI-E23	Wood, metal	Not Analyzed
MI-E24	Can't open	Not Analyzed
MI-E26	Plastic	Not Analyzed
MI-E27	Plastic, water	Not Analyzed
MI-E28 to E29	Can't open	Not Analyzed
MI-F1	Metal	Not Analyzed
MI-F2	Insulation	Not Analyzed
MI-F3	Clayey sand, water	Not Analyzed
MI-F4	Sand, gravel, water	Not Analyzed
MI-F5 to F8	Can't open	Not Analyzed
MI-F9	Metal, ash, water	Not Analyzed
MI-F10	Shock absorbers, plastic, air filters	Not Analyzed
MI-F11	Rocks	Not Analyzed
MI-F12	Sand	M23-COMP
MI-F13 to F14	Oily gravel	Not Analyzed
MI-F15	Cardboard, cans, water	Not Analyzed
MI-F16	Paper, metal, ash, cans	M3-COMP
MI-F17	Metal, ash	M16-COMP
MI-F18	Metal, ash	Not Analyzed
MI-F19 to F20	Can't open	Not Analyzed
MI-F21	Cans, ash, water	M5-COMP
MI-F22	Water, wood	Not Analyzed
MI-F23	Cans, ash, plastic, water	M11-COMP
MI-F24	Cans, ash, plastic, water	M12-COMP
MI-F25 to F26	Can't open	Not Analyzed
MI-F27	Ash, cans, plastic, water	M12-COMP
MI-F28	Ash, cans, plastic, water	M12-COMP
MI-F29	Can't open	Not Analyzed
MI-F30	Wood, metal	Not Analyzed
MI-G1	Clayey sand, water	Not Analyzed
MI-G2	Plastic, ash, water	Not Analyzed
MI-G3	Ash, bones, metal, water	M3-COMP
MI-G4	Air filters, metal	Not Analyzed
MI-G5	Wood, insulation, metal, cardboard	Not Analyzed
MI-G6	Ash, metal	M16-COMP
MI-G7 to G9	Can't open	Not Analyzed
MI-G10	Cans, ash	M5-COMP
MI-G11	Can't open	Not Analyzed
MI-G12	Plastic bottles, hose, water	Not Analyzed
MI-G13	Can't open	Not Analyzed
MI-H1	Sand, ash, cans, water	M22-COMP
MI-H2	Sand, ash, cans, water	M23-COMP
MI-H3	Metal, ash	M16-COMP
MI-H4	Wood, insulation, metal, cardboard	Not Analyzed
MI-H5	Cans, ash, water	M5-COMP
MI-H6	Cans, ash, air filters	M2-COMP
MI-H7 to H9	Can't open	Not Analyzed
MI-H10	Cans, ash	M6-COMP
MI-H11	Cans, plastic, ash, water	M12-COMP
MI-H12	Cans, ash, water	M6-COMP
MI-H13	Cardboard, belts, ash, water	M2-COMP
MI-I1	Glass, ash, water, batteries	M1-COMP
MI-I2 to I3	Can't open	Not Analyzed
MI-I4	Ash, metal, water	M17-COMP
MI-I5	Ash, cans, water	Not Analyzed
MI-I6	Sand, gravel, cobbles, metal, wood	Not Analyzed
MI-I7	Metal, water	Not Analyzed
MI-I8	Metal truck wheel iron casting	Not Analyzed
MI-I9	Water	Not Analyzed
MI-I10	Sand, gravel, water	Not Analyzed
MI-I11	Water	Not Analyzed
MI-I12 to I15	Can't open	Not Analyzed
MI-I16	Radiator, water, oil	Not Analyzed
MI-I17	Metal	Not Analyzed
MI-I18	Ash, metal, water	M17-COMP
MI-I19	Ash, cans	M7-COMP
MI-I20	Rocks	Not Analyzed
MI-J1	Cans, ash	M6-COMP
MI-J2	Cans, ash	M6-COMP
MI-J3 to J4	Can't open	Not Analyzed
MI-J5	Sand, ash, rocks	Not Analyzed
MI-J6	Ash, cans, water	M7-COMP

Table 2: Milne Inlet Site Incinerator Ash Drum Contents and Compsite Identifier

Barrel Number	Contents	Composite ID
MI-J7	Can't open	Not Analyzed
MI-J9	Ash, cans	M7-COMP
MI-J10	Ash, cans, water, glass	M7-COMP
MI-J11	Sand, gravel, ash	M23-COMP
MI-J12	Water	Not Analyzed
MI-J13 to J16	Can't open	Not Analyzed
MI-J17	Cardboard, plastic, electronics	Not Analyzed
MI-J18	Metal, plastic, electrical parts	Not Analyzed
MI-J19	Ash, cans, light bulbs	M1-COMP
MI-J20	Cans, ash	Not Analyzed
MI-K1	Ash, cans	M8-COMP
MI-K2	Ash, cans, metal, batteries	M1-COMP
MI-K3	Ash, metal	M17-COMP
MI-K4	Water, oil	Not Analyzed
MI-K5 To K6	Can't open	Not Analyzed
MI-K7	Water, plastic	Not Analyzed
MI-K8	Sand, water	M24-COMP
MI-K9	Wood, metal, plastic	Not Analyzed
MI-K10 to K12	Can't open	Not Analyzed
MI-K13	Metal	Not Analyzed
MI-K14 to K15	Can't open	Not Analyzed
MI-K16	Ash, metal	M17-COMP
MI-K17	Rubber, metal	Not Analyzed
MI-K18	Ash, metal, water	Not Analyzed
MI-K19	Ash, metal, water	M18-COMP
MI-L1	Ash, cans	Not Analyzed
MI-L2	Metal, water, oil	Not Analyzed
MI-L3	Metal, water	Not Analyzed
MI-L4 to L5	Can't open	Not Analyzed
MI-L6	Wood, plastic	Not Analyzed
MI-L7	Sand bags, water	Not Analyzed
MI-L8	Wood, metal, plastic, styrofoam	Not Analyzed
MI-L9	Cans	Not Analyzed
MI-L10 to L11	Can't open	Not Analyzed
MI-L12	Metal	Not Analyzed
MI-L13 to L14	Can't open	Not Analyzed
MI-L15	Metal, plastic, ash	M21-COMP
MI-L16	Can't open	Not Analyzed
MI-L17	Metal, plastic, foam	Not Analyzed
MI-L18	Clayey sand	M24-COMP
MI-L19	Trash, metal	Not Analyzed
MI-L20	Can't open	Not Analyzed
MI-M1	Metal, ash	M18-COMP
MI-M2	Metal, ash	Not Analyzed
MI-M3 to M6	Can't open	Not Analyzed
MI-M7	Metal, ash, water	M18-COMP
MI-M8	Metal, ash, water	M19-COMP
MI-M9	Trash	Not Analyzed
MI-M10	Cardboard, metal	Not Analyzed
MI-M11	Cans, ash	Not Analyzed
MI-M12	Metal, plastic	Not Analyzed
MI-M13	Empty	Not Analyzed
MI-M14 to M19	Can't open	Not Analyzed
MI-N1	Metal, ash	Not Analyzed
MI-N2 to N5	Can't open	Not Analyzed
MI-N6	Metal, ash	M18-COMP
MI-N7	Metal, ash, water	Not Analyzed
MI-N8	Wood, plastic, rope	Not Analyzed
MI-N9	Sand	M24-COMP
MI-N10	Metal, wood	Not Analyzed
MI-N11 to N16	Can't open	Not Analyzed
MI-O1 to O2	Can't open	Not Analyzed
MI-O3	Bags, insulation, wood, water	Not Analyzed
MI-O4	Ash, metal, water	M19-COMP
MI-O5	Plastic, metal, water	Not Analyzed
MI-O6	Can't open	Not Analyzed
MI-O7	Ash, sand, mica	M2-COMP
MI-O8	Ash, cans, water	M8-COMP
MI-O9	Ash, cans, water	Not Analyzed
MI-O10	Can't open	Not Analyzed
MI-O11	Cans, ash	M9-COMP
MI-O12	Cans, ash	Not Analyzed
MI-O13	Can't open	Not Analyzed
MI-P1 to P2	Can't open	Not Analyzed
MI-P3	Plastic, aerosol cans, water	Not Analyzed
MI-P4	Ash, metal	M19-COMP

Table 2: Milne Inlet Site Incinerator Ash Drum Contents and Compsite Identifier

Barrel Number	Contents	Composite ID
MI-P5	Ash, metal	Not Analyzed
MI-P6	Can't open	Not Analyzed
MI-P7	Ash, cans	M8-COMP
MI-P8	Ash, cans, water	M8-COMP
MI-P9	Ash, cans, water	M9-COMP
MI-P11 to P12	Cans, ash	Not Analyzed
MI-P13	Can't open	Not Analyzed
MI-Q1	Metal, ash	Not Analyzed
MI-Q2	Sand	Not Analyzed
MI-Q3	Cans, water	Not Analyzed
MI-Q4	Cans, ash, water	M9-COMP
MI-Q5	Cans, ash, water	Not Analyzed
MI-Q6	Cans, ash, water	M10-COMP
MI-Q7	Cans, ash, water	Not Analyzed
MI-Q8	Slag, metal	M1-COMP
MI-Q9	Ash, metal	M20-COMP
MI-R1	Metal, ash	M19-COMP
MI-R2	Sand, ash, cans	M23-COMP
MI-R3	Sand, ash, cans	Not Analyzed
MI-R4	Cans, ash, water	M9-COMP
MI-R5	Cans, ash, water	M10-COMP
MI-R6	Cans, ash, water	M10-COMP
MI-R7	Cans, ash, water	M10-COMP
MI-R8	Cans	Not Analyzed
MI-R9	Cans, ash, water	M11-COMP
MI-S1	Can't open	Not Analyzed
MI-S2	Cans	Not Analyzed
MI-S3	Trash	Not Analyzed
MI-T1	Metal, ash, water	M20-COMP
MI-T2	Metal, ash, water	M20-COMP
MI-T3	Metal, ash, water	Not Analyzed
MI-T4	Ash, metal, water	M20-COMP
MI-T5	Trash	Not Analyzed

Note: "MI-E25", "MI-J8" and "MI-P10" were skipped.
The drum contents listed were based on visual observations of the surficial contents of the drums and is not meant to be all-inclusive.

Table 3: Incinerator Ash Drum Composite Sample Analytical Results - Metals

Individual Sample ID for the Composite			MI-Q8	MI-O7	MI-C23	MI-D1	MI-E3	MI-H10	MI-J6	MI-K1	MI-P9	MI-R5	MI-R9
			MI-K2	MI-H6	MI-C24	MI-D15	MI-F21	MI-H12	MI-J9	MI-P7	MI-O11	MI-Q6	MI-C2
			MI-I1	MI-H13	MI-G3	MI-D29	MI-G10	MI-J1	MI-J10	MI-O8	MI-Q4	MI-R6	MI-E21
			MI-J19	MI-E17	MI-F16	MI-E16	MI-H5	MI-J2	MI-I19	MI-P8	MI-R4	MI-R7	MI-F23
Composite Sample ID	**Units**	**Hazardous Waste Criteria[1]**	**M1-COMP**	**M2-COMP**	**M3-COMP**	**M4-COMP**	**M5-COMP**	**M6-COMP**	**M7-COMP**	**M8-COMP**	**M9-COMP**	**M10-COMP**	**M11-COMP**
Parameter/Sample Date			8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012
Arsenic	mg/L	2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium	mg/L	100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Boron	mg/L	500[2]	1	3	2	2	2	2	2	3	2	2	3
Cadmium	mg/L	0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium	mg/L	5	<0.1	0.09	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead	mg/L	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mercury	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Silver	mg/L	5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium	mg/L	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc	mg/L	500	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Notes:

[1]Environmental Guideline for Industrial Waste Discharges into Municipal Solid Waste and Sewage Treatment Facilities (April 2011), Dept. of Environment, Government of Nunavut

[2]Ontario only

>25% of haz waste limit

> haz waste limit

Table 3: Incinerator Ash Drum Composite Sample Analytical Results - Metals (continued)

Individual Sample ID for the Composite			MI-F24 MI-F27 MI-F28 MI-H11	MI-A4 MI-B1 MI-B4 MI-C3	MI-D3 MI-D4 MI-D9 MI-C13	MI-C19 MI-D18 MI-D19 MI-C27	MI-E18 MI-F17 MI-H3 MI-G6	MI-I4 MI-I18 MI-K3 MI-K16	MI-K19 MI-M1 MI-M7 MI-N6	MI-M8 MI-P4 MI-O4 MI-R1	MI-Q9 MI-T1 MI-T2 MI-T4	MI-C8 MI-D26 MI-E10 MI-L15
Composite Sample ID	**Units**	**Hazardous Waste Criteria[1]**	**M12-COMP**	**M13-COMP**	**M14-COMP**	**M15-COMP**	**M16-COMP**	**M17-COMP**	**M18-COMP**	**M19-COMP**	**M20-COMP**	**M21-COMP**
Parameter/Sample Date			8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012
Arsenic	mg/L	2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium	mg/L	100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Boron	mg/L	500[2]	2	3	2	2	1	1	1	1	1	<1
Cadmium	mg/L	0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium	mg/L	5	<0.1	0.78	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead	mg/L	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mercury	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Silver	mg/L	5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium	mg/L	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc	mg/L	500	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Notes:

[1]Environmental Guideline for Industrial Waste Discharges into Municipal Solid Waste and Sewage Treatment Facilities (April 2011), Dept. of Environment, Government of Nunavut

[2]Ontario only

>25% of haz waste limit

> haz waste limit

Table 3: Incinerator Ash Drum Composite Sample Analytical Results - Metals (continued)

Individual Sample ID for the Composite			MI-D2 MI-D17 MI-D27 MI-H1	MI-H2 MI-J11 MI-R2 MI-F12	MI-N9 MI-L18 MI-E4 MI-K8	L1 O11 V5 V6	B38 D42 F44 L29	A57 D54 E19 F32	A28 B32 C4 O4	B45 D17 P8 Q10	A1 E5 M21 R19	C5 C9 D10 D15	D43 D51 D52 F3	E54 E57 E6 F7
Composite Sample ID	**Units**	**Hazardous Waste Criteria[1]**	**M22-COMP**	**M23-COMP**	**M24-COMP**	**Comp 25**	**Comp 26**	**Comp 27**	**Comp 28**	**Comp 29**	**Comp 30**	**Comp 31**	**Comp 32**	**Comp 33**
Parameter/Sample Date			8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012
Arsenic	mg/L	2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium	mg/L	100	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1
Boron	mg/L	500[2]	<1	1	<1	2	<1	1	1	1	<1	<1	1	2
Cadmium	mg/L	0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.01
Chromium	mg/L	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead	mg/L	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mercury	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Silver	mg/L	5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium	mg/L	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc	mg/L	500	<1	<1	<1	6	2	<1	5	1	8	19	1	2

Notes:

[1]Environmental Guideline for Industrial Waste Discharges into Municipal Solid Waste and Sewage Treatment Facilities (April 2011), Dept. of Environment, Government of Nunavut

[2]Ontario only

>25% of haz waste limit

> haz waste limit

Table 3: Incinerator Ash Drum Composite Sample Analytical Results - Metals (continued)

Individual Sample ID for the Composite			E58	H19	K10	K18	M2	M16	O7	O18	O29	O34	O38	Q1
			G7	L2	K13	K21	M8	M23	P1	O22	O32	O36	O40	Q8
			H17	L6	L10	K24	M9	M36	P6	P19	P26	P32	O42	R3
			H6	L8	L15	L26	N12	N24	P9	P25	P30	P34	P36	R6
Composite Sample ID	**Units**	**Hazardous Waste Criteria[1]**	**Comp 34**	**Comp 35**	**Comp 36**	**Comp 37**	**Comp 38**	**Comp 39**	**Comp 40**	**Comp 41**	**Comp 42**	**Comp 43**	**Comp 44**	**Comp 45**
Parameter/Sample Date			8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012
Arsenic	mg/L	2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium	mg/L	100	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	1
Boron	mg/L	500[2]	<1	<1	<1	1	1	2	<1	1	2	1	<1	2
Cadmium	mg/L	0.5	<0.01	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.01	<0.01
Chromium	mg/L	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead	mg/L	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**17.5**	<1	<0.1	**62.7**
Mercury	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001
Selenium	mg/L	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Silver	mg/L	5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium	mg/L	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc	mg/L	500	<1	<1	<1	<1	<1	<1	1	<1	8	6	<1	95

Notes:

[1]Environmental Guideline for Industrial Waste Discharges into Municipal Solid Waste and Sewage Treatment Facilities (April 2011), Dept. of Environment, Government of Nunavut

[2]Ontario only

>25% of haz waste limit

> haz waste limit

Table 3: Incinerator Ash Drum Composite Sample Analytical Results - Metals (continued)

Individual Sample ID for the Composite			Q14	Q18	S1	U7	U20	AA5	AA19	AB3	AB10	B4	Q12	Q24
			Q9	Q25	T4	U12	V16	AA6	AA20	AB5	AB12	O23	Q15	U5
			R11	R20	U1	V11	W7	X17	AA38	AB6	AB13	O39	R14	V17
			R16	R24	V2	V13	X1	Y2	AB1	AB7	AB9	P28	R22	V8
Composite Sample ID	**Units**	**Hazardous Waste Criteria[1]**	**Comp 46**	**Comp 47**	**Comp 48**	**Comp 49**	**Comp 50**	**Comp 51**	**Comp 52**	**Comp 53**	**Comp 54**	**Comp 55**	**Comp 56**	**Comp 57**
Parameter/Sample Date			8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012
Arsenic	mg/L	2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium	mg/L	100	2	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1
Boron	mg/L	500[2]	1	2	2	1	1	2	1	4	1	1	<1	<1
Cadmium	mg/L	0.5	<0.01	<0.01	<0.01	**0.35**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium	mg/L	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead	mg/L	5	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mercury	mg/L	0.1	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001
Selenium	mg/L	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Silver	mg/L	5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium	mg/L	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc	mg/L	500	5	<1	<1	4	12	2	<1	5	<1	5	66	27

Notes:

[1]Environmental Guideline for Industrial Waste Discharges into Municipal Solid Waste and Sewage Treatment Facilities (April 2011), Dept. of Environment, Government of Nunavut

[2]Ontario only

>25% of haz waste limit

> haz waste limit

Table 3: Incinerator Ash Drum Composite Sample Analytical Results - Metals (continued)

Individual Sample ID for the Composite			U21	AA13	AA34	D1	A10	A18	A24	A33	B60	C10	C17	C26
			V24	AA14	AA40	D24	A7	A22	A29	A36	C2	C14	C21	C28
			X2	AA16	AA41	M22	B12	B16	B27	A59	D6	C8	D22	D32
			X7	Z3	AB4	N9	B15	B20	B31	B41	D7	D13	D26	D36
Composite Sample ID	**Units**	**Hazardous Waste Criteria[1]**	**Comp 58**	**Comp 59**	**Comp 60**	**Comp 61**	**Comp 62**	**Comp 63**	**Comp 64**	**Comp 65**	**Comp 66**	**Comp 67**	**Comp 68**	**Comp 69**
Parameter/Sample Date			8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012
Arsenic	mg/L	2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium	mg/L	100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Boron	mg/L	500[2]	2	5	1	1	<1	3	2	1	2	2	2	2
Cadmium	mg/L	0.5	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1
Chromium	mg/L	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead	mg/L	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mercury	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Silver	mg/L	5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium	mg/L	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc	mg/L	500	4	2	<1	<1	4	<1	<1	<1	<1	<1	<1	<1

Notes:

[1]Environmental Guideline for Industrial Waste Discharges into Municipal Solid Waste and Sewage Treatment Facilities (April 2011), Dept. of Environment, Government of Nunavut

[2]Ontario only

>25% of haz waste limit

> haz waste limit

Table 3: Incinerator Ash Drum Composite Sample Analytical Results - Metals (continued)

Individual Sample ID for the Composite			C43	C56	E17	E24	E31	E42	E49	E52	G13	G15	H30	K28
			C47	D55	E21	E30	E37	E44	E51	F53	H11	G27	K19	L20
			C53	E13	F14	F25	F31	F38	F45	F59	H4	H16	K9	M5
			D39	E9	F19	F27	F33	F39	F49	G2	H5	H28	L7	N20
Composite Sample ID	**Units**	**Hazardous Waste Criteria[1]**	**Comp 70**	**Comp 71**	**Comp 72**	**Comp 73**	**Comp 74**	**Comp 75**	**Comp 76**	**Comp 77**	**Comp 78**	**Comp 79**	**Comp 80**	**Comp 81**
Parameter/Sample Date			8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012
Arsenic	mg/L	2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium	mg/L	100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Boron	mg/L	500[2]	2	<1	2	2	1	1	2	<1	2	2	<1	1
Cadmium	mg/L	0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01
Chromium	mg/L	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead	mg/L	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mercury	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Silver	mg/L	5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium	mg/L	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc	mg/L	500	<1	1	7	1	<1	<1	3	<1	<1	<1	1	<1

Notes:

[1]Environmental Guideline for Industrial Waste Discharges into Municipal Solid Waste and Sewage Treatment Facilities (April 2011), Dept. of Environment, Government of Nunavut

[2]Ontario only

>25% of haz waste limit

> haz waste limit

Table 3: Incinerator Ash Drum Composite Sample Analytical Results - Metals (continued)

Individual Sample ID for the Composite			M27	M32	O12	A9	A39	A61	C16	C52	E12	K2	AA1	C3
			M29	N34	O16	B1	A43	B59	C18	D53	E55	K5	AA46	C37
			M30	P10	O17	B10	A52	D14	C22	F10	F52	L5	L21	C50
			N27	P4	P14	B13	A58	D2	D29	F9	F60	L9	N25	D35
Composite Sample ID	**Units**	**Hazardous Waste Criteria[1]**	**Comp 82**	**Comp 83**	**Comp 84**	**Comp 85**	**Comp 86**	**Comp 87**	**Comp 88**	**Comp 89**	**Comp 90**	**Comp 91**	**Comp 92**	**Comp 93**
Parameter/Sample Date			8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012
Arsenic	mg/L	2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium	mg/L	100	<1	<1	<1	<1	3	<1	<1	<1	<1	1	<1	<1
Boron	mg/L	500[2]	1	<1	1	2	<1	<1	2	1	<1	<1	<1	<1
Cadmium	mg/L	0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium	mg/L	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead	mg/L	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mercury	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Silver	mg/L	5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium	mg/L	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc	mg/L	500	<1	2	<1	1	1	<1	<1	<1	2	<1	10	<1

Notes:

[1]Environmental Guideline for Industrial Waste Discharges into Municipal Solid Waste and Sewage Treatment Facilities (April 2011), Dept. of Environment, Government of Nunavut

[2]Ontario only

>25% of haz waste limit

> haz waste limit

Table 3: Incinerator Ash Drum Composite Sample Analytical Results - Metals (continued)

Individual Sample ID for the Composite			E53	A50	G31	G34	G54	I3	I6	I11	J10	I16	I20	I24	I25
			U14	B48	G32	G51	H54	I4	I7	I8	J11	I17	J15	J20	J23
			V20	C44	G33	G52	J1	I5	J5	J7	J12	I18	J16	J21	J24
			V21	C45	H32	H45	J2	J4	J6	J8	J13	J14	J17	J22	J25
Composite Sample ID	**Units**	**Hazardous Waste Criteria[1]**	**Comp 94**	**Comp 95**	**Comp 96**	**Comp 97**	**Comp 98**	**Comp 99**	**Comp 100**	**Comp 101**	**Comp 102**	**Comp 103**	**Comp 104**	**Comp 105**	**Comp 106**
Parameter/Sample Date			8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012
Arsenic	mg/L	2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium	mg/L	100	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1
Boron	mg/L	500[2]	<1	<1	<1	<1	<1	<1	1	<1	<1	1	<1	<1	1
Cadmium	mg/L	0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium	mg/L	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead	mg/L	5	<0.1	<0.1	**8.1**	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	<0.1
Mercury	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Silver	mg/L	5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium	mg/L	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc	mg/L	500	<1	<1	1	<1	3	<1	<1	3	<1	21	5	3	<1

Notes:

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>25% of haz waste limit

> haz waste limit

Table 3: Incinerator Ash Drum Composite Sample Analytical Results - Metals (continued)

Individual Sample ID for the Composite			I28	I31	I34	I36	I39	I42	J42
			J26	I32	I35	I37	I40	I43	J45
			J27	I33	J32	I38	J36	J38	J46
			J28	J29	J33	J35	J37	J41	P7
Composite Sample ID	**Units**	**Hazardous Waste Criteria[1]**	**Comp 107**	**Comp 108**	**Comp 109**	**Comp 110**	**Comp 111**	**Comp 112**	**Comp 113**
Parameter/Sample Date			8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012
Arsenic	mg/L	2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium	mg/L	100	<1	<1	<1	<1	<1	<1	<1
Boron	mg/L	500[2]	2	1	<1	<1	2	<1	<1
Cadmium	mg/L	0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium	mg/L	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead	mg/L	5	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1
Mercury	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Silver	mg/L	5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium	mg/L	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc	mg/L	500	<1	<1	1	98	7	<1	6

Notes:

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> haz waste limit

Table 4: Incinerator Ash Drum Individual Sample Analytical Results - Metals

Parameter/ Sample ID	Units	Hazardous Waste Criteria[1]	COMP 13				COMP 42				COMP 45				COMP 49				COMP 96			
			MI-A4	MI-B1	MI-B4	MI-C3	O29	O32	P26	P30	Q1	Q8	R3	R6	U7	U12	V11	V13	G31	G32	G33	H32
Sampling Date			8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012	9/2/2012	9/2/2012	9/2/2012	9/2/2012	8/30/2012	8/30/2012	8/30/2012	8/30/2012
Arsenic	mg/L	2.5	<0.001	<0.01	<0.1	<0.01	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.01
Barium	mg/L	100	<0.1	0.9	<0.1	2.5	<0.1	<0.1	0.1	0.2	<0.1	2.2	0.2	<0.1	1.8	0.1	0.8	1.4	0.4	0.2	0.6	0.2
Boron	mg/L	500 (Ontario only)	1	1.5	2.8	2.5	<1	2.7	1.3	1.4	0.9	1.8	0.5	1.6	1.6	1.6	<1	1.4	0.6	2.3	0.5	0.5
Cadmium	mg/L	0.5	<0.001	0.044	<0.001	<0.001	<0.1	<0.01	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.5	<0.5	<0.001	<0.001	<0.001	<0.1
Chromium	mg/L	5	<0.05	<0.05	1.36	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.01	0.01	<0.01	0.02	<0.1	<0.5	<0.1	<0.1
Lead	mg/L	5	<0.01	0.04	<0.01	<0.01	**114**	4.05	0.72	0.09	0.19	**6**	0.10	0.34	<0.01	<0.01	<0.01	<0.01	<0.01	0.16	<0.01	<0.01
Mercury	mg/L	0.1	<0.001	<0.001	<0.001	<01001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	1	<0.01	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01
Silver	mg/L	5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001
Uranium	mg/L	10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	mg/L	500	0.3	21	0.5	0.1	85	6.1	1.6	0.7	0.4	170	4.3	1.4	7.6	18	9.6	1.4	0.2	0.8	0.4	8.4

Notes:

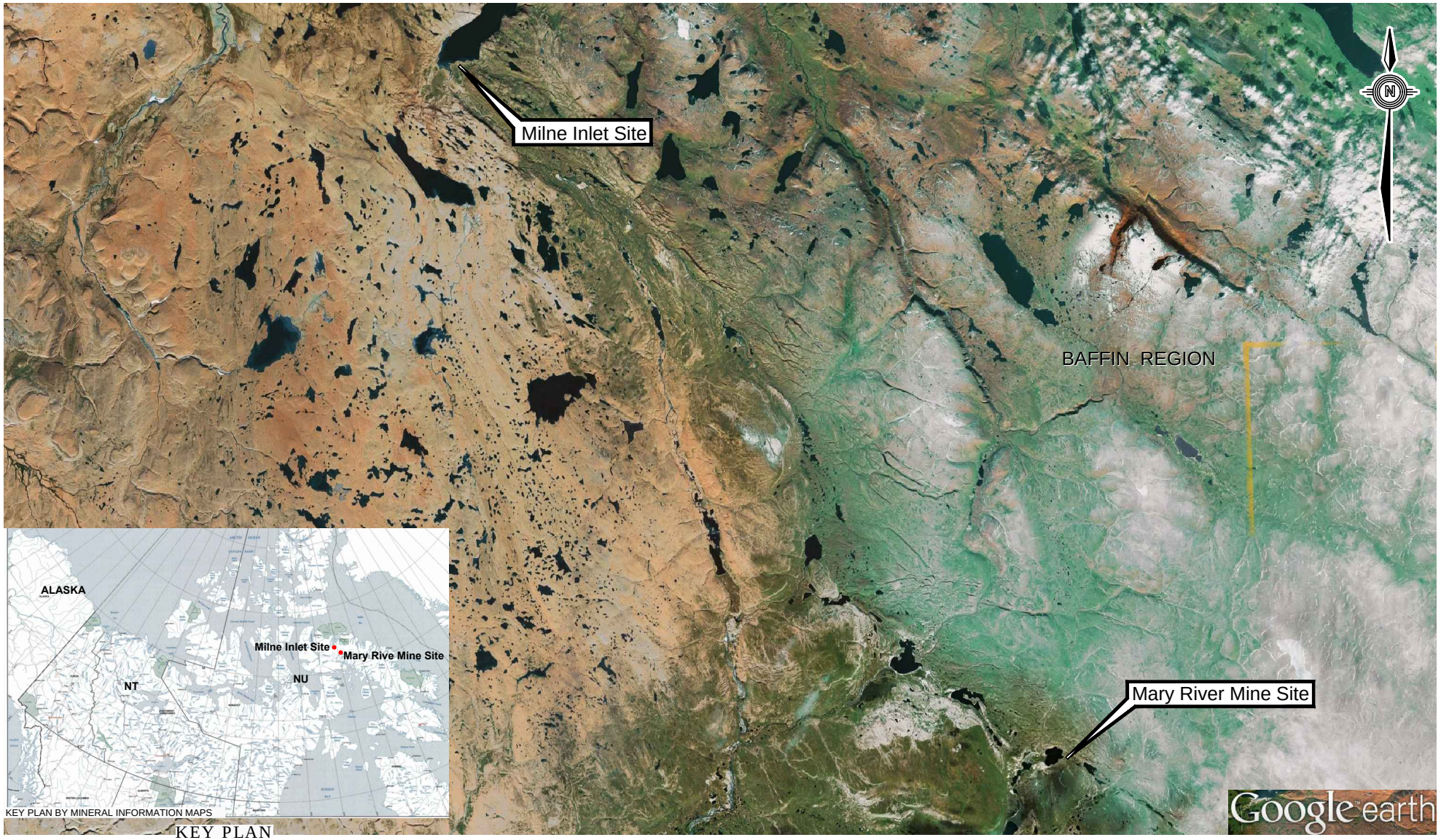
[1]Environmental Guideline for Industrial Waste Discharges into Municipal Solid Waste and Sewage Treatment Facilities (April 2011), Dept. of Environment, Government of Nunavut

[2]Ontario only

> haz waste limit

FIGURES

Q:\Edmonton\Drafting\PROJECTS\Y221\Y22103021-01\ACAD\Y22103021-01_FIG 1.dwg [FIGURE 1] March 25, 2013 - 10:10:53 am (BY: KIROS, TIGISTI)



KEY PLAN

0 15000 m

Scale: 1: 500 000

CLIENT

Baffinland Mining Corp.

BAFFINLAND INCINERATOR ASH SAMPLING
BAFFIN ISLAND

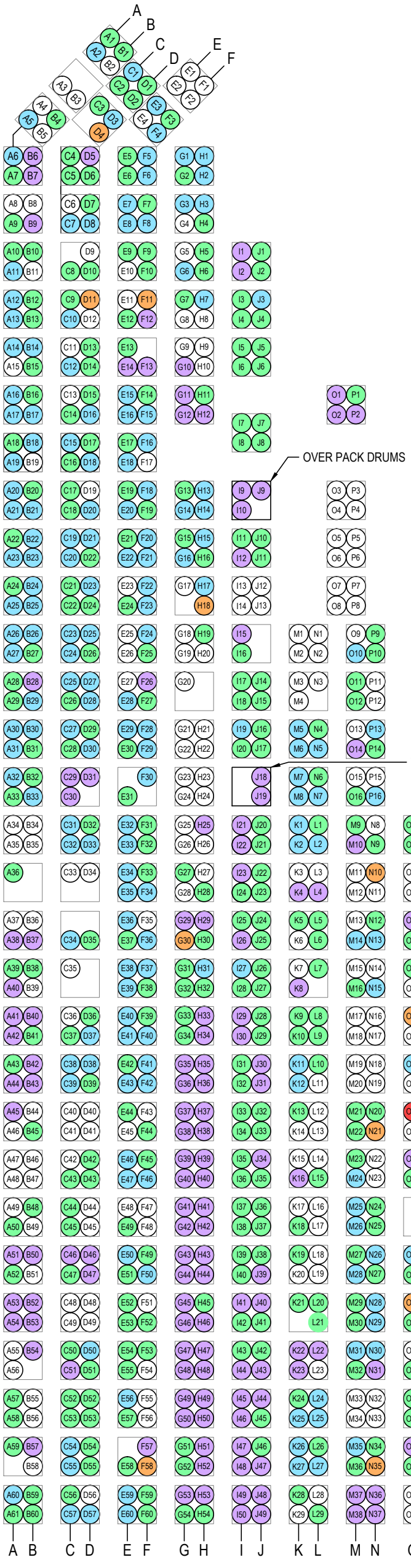
SITE LOCATION

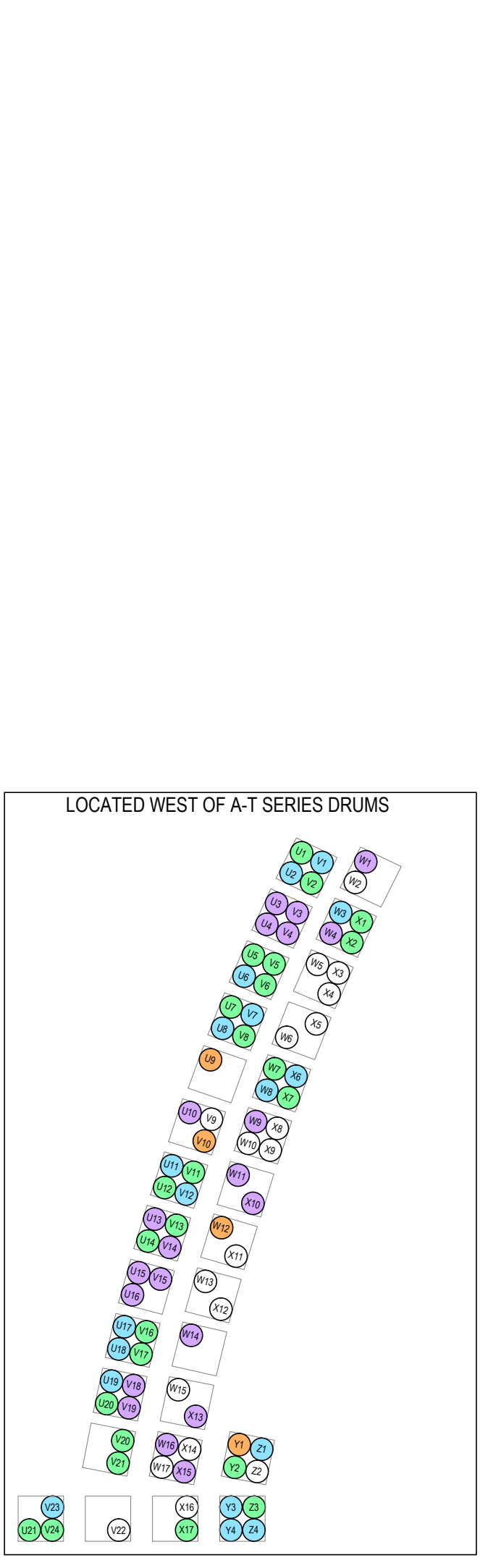
A TETRA TECH COMPANY

PROJECT NO.	DWN	CKD	REV
Y22103021-01	TK	MB	0

OFFICE	DATE
EDM	March 2013

Figure 1





LEGEND:

- SAMPLED, BUT NOT ANALYZED
- ANALYSIS BELOW HAZARDOUS WASTE LIMITS
- ANALYSIS ABOVE HAZARDOUS WASTE LIMITS
- DRUMS WITH PETROLEUM WASTE
- CONTENTS UNKNOWN
- CONTENTS KNOWN BUT NOT SAMPLED

0 5 m

Scale: 1: 150

NOTES

DRUM LOCATIONS ARE APPROXIMATE

CLIENT

Baffinland Mining Corp.

BAFFINLAND INCINERATOR ASH SAMPLING
BAFFIN ISLAND

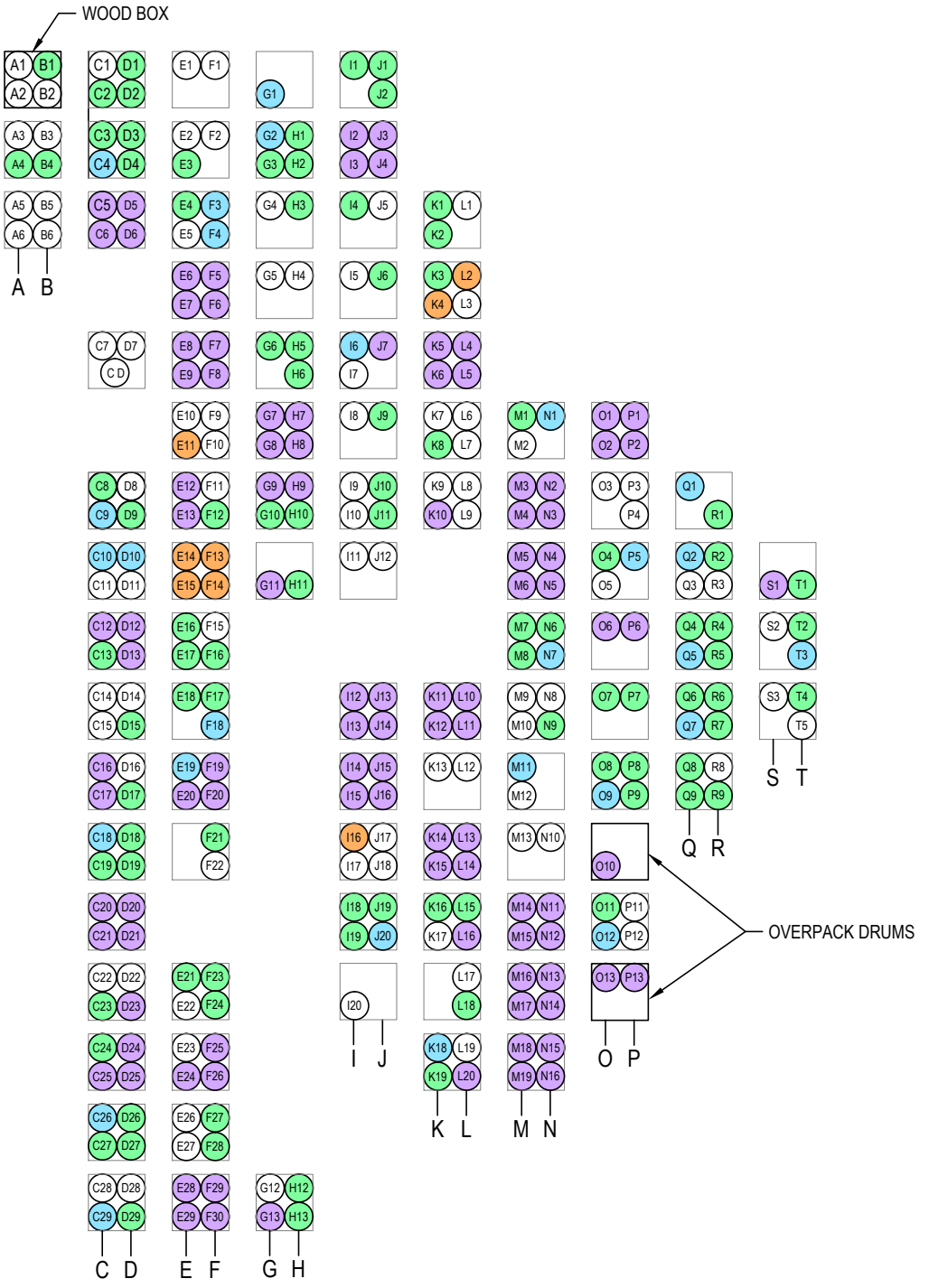
MARY RIVER DRUM MAP

PROJECT NO.	DWN	CKD	REV
Y22103021-01	BR/TK	MB	0

OFFICE	DATE
EDM	March 2013

Figure 2

A TETRA TECH COMPANY



0 5 m

Scale: 1: 150

NOTES

DRUM LOCATIONS ARE APPROXIMATE

LEGEND:

- SAMPLED, BUT NOT ANALYZED
- ANALYSIS BELOW HAZARDOUS WASTE LIMITS
- DRUMS WITH PETROLEUM WASTE
- CONTENTS UNKNOWN
- CONTENT KNOWN BUT NOT SAMPLED

CLIENT

Baffinland Mining Corp.

BAFFINLAND INCINERATOR ASH SAMPLING
BAFFIN ISLAND

MILNE INLET DRUM MAP

PROJECT NO.	DWN	CKD	REV
Y22103021-01	TK	MB	0

OFFICE	DATE
EDM	March 2013

Figure 3

eba A TETRA TECH COMPANY

Q:\Edmonton\Drafting\PROJECTS\Y221\Y22103021-01\ACADY22103021-01_FIG 3.dwg [FIGURE 3] March 27, 2013 - 12:04:35 pm (BY: KIROS, TIGIST)

APPENDIX A

APPENDIX A SITE PHOTOGRAPHS

Photo 1 (92): Mary River Drums, facing north

Photo 2 (90): Mary River Drums, facing northeast

Photo 3 (89): Mary River Drums, facing east

Photo 4 (88): Mary River Drums, facing south-southeast

Photo 5 (87) : Mary River Drums, facing south-southwest

Photo 6 (85) : Mary River Drums, facing west-southwest

Photo 7 (93) : Mary River Drums, facing west

Photo 8 (17) : Milne Inlet Drums, facing northwest

Photo 9 (18) : Milne Inlet Drums, facing southwest

Photo 10 (19) : Milne Inlet Drums, facing southeast

APPENDIX B

APPENDIX B LABORATORY RESULTS

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220443
Date Submitted: 2012-09-19
Date Reported: 2012-10-04
Project:
COC #: 756679

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:

Revised Report - Zn has been added as per clients request.

APPROVAL: _____

Lorna Wilson
Inorganic Laboratory Supervisor

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
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Group	Analyte	MRL	Units	Guideline	Lab I.D. / Sample Matrix / Sample Type / Sampling Date / Sample I.D.			
					985882 REG 347 LCH 2012-08-30 M1-COMP	985883 REG 347 LCH 2012-08-30 M2-COMP	985884 REG 347 LCH 2012-08-30 M3-COMP	985885 REG 347 LCH 2012-08-30 M4-COMP
General Chemistry	Moisture	0.1	%		36.3	56.1	45.6	67.2
Mercury	Hg	0.001	mg/L	LQC-0.1	<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5	<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5	<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0	1	3	2	2
	Ba	1	mg/L	LQC-100.0	<1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5	<0.01	<0.01	<0.01	<0.01
	Cr	0.05	mg/L	LQC-5.0		0.09		
		0.1	mg/L	LQC-5.0	<0.1		<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0	<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0	<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0	<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L		<1	<1	<1	<1

Group	Analyte	MRL	Units	Guideline	Lab I.D. / Sample Matrix / Sample Type / Sampling Date / Sample I.D.			
					985886 REG 347 LCH 2012-08-30 M5-COMP	985887 REG 347 LCH 2012-08-30 M6-COMP	985888 REG 347 LCH 2012-08-30 M7-COMP	985889 REG 347 LCH 2012-08-30 M8-COMP
General Chemistry	Moisture	0.1	%		29.2	42.6	44.7	58.1
Mercury	Hg	0.001	mg/L	LQC-0.1	<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5	<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5	<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0	2	2	2	3
	Ba	1	mg/L	LQC-100.0	<1	<1	<1	<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.

Certificate of Analysis

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M5H 1T1
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Report Number: 1220443
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Project:
COC #: 756679

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					985886 REG 347 LCH 2012-08-30 M5-COMP	985887 REG 347 LCH 2012-08-30 M6-COMP	985888 REG 347 LCH 2012-08-30 M7-COMP	985889 REG 347 LCH 2012-08-30 M8-COMP
Metals	Cd	0.01	mg/L	LQC-0.5	<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0	<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0	<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0	<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0	<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L		<1	<1	<1	<1

Group	Analyte	MRL	Units	Guideline	Lab I.D. / Sample Matrix / Sample Type / Sampling Date / Sample I.D.			
					985890 REG 347 LCH 2012-08-30 M9-COMP	985891 REG 347 LCH 2012-08-30 M10-COMP	985892 REG 347 LCH 2012-08-30 M11-COMP	985893 REG 347 LCH 2012-08-30 M12-COMP
General Chemistry	Moisture	0.1	%		39.5	53.3	54.8	44.2
Mercury	Hg	0.001	mg/L	LQC-0.1	<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5	<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5	<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0	2	2	3	2
	Ba	1	mg/L	LQC-100.0	<1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5	<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0	<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0	<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0	<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0	<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L		<1	<1	<1	<1

Guideline = REG 558 *** = Guideline Exceedence**
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Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220443
Date Submitted: 2012-09-19
Date Reported: 2012-10-04
Project:
COC #: 756679

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 238721 **Analysis Date** 2012-09-20 **Method** C SM2540B			
Moisture			80-120
Run No 238928 **Analysis Date** 2012-09-25 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	97	70-130
Run No 238968 **Analysis Date** 2012-09-25 **Method** EPA 200.8			
Ag	<0.01 mg/L	98	89-111
As	<0.1 mg/L	100	81-119
B	<1 mg/L	92	81-119
Ba	<1 mg/L	101	91-109
Cd	<0.01 mg/L	99	86-114
Cr	<0.1 mg/L	99	89-111
Pb	<0.1 mg/L	97	89-111
Se	<0.1 mg/L	99	77-123
U	<0.1 mg/L	97	87-113
Zn	<1 mg/L	94	89-111

Guideline = REG 558 *** = Guideline Exceedence**
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Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220443
Date Submitted: 2012-09-19
Date Reported: 2012-10-04
Project:
COC #: 756679

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 239522 **Analysis Date** 2012-10-04 **Method** M SM3120B-3500C			
Cr	<0.005 mg/L	94	92-108

Guideline = REG 558 *** = Guideline Exceedence**
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EXOVA OTTAWA

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220451
Date Submitted: 2012-09-19
Date Reported: 2012-10-04
Project:
COC #: 756679

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:

Revised Report - Zn has been added as per clients request.

APPROVAL: _____

Lorna Wilson
Inorganic Laboratory Supervisor

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120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220451
Date Submitted: 2012-09-19
Date Reported: 2012-10-04
Project:
COC #: 756679

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985903 REG 347 LCH 2012-08-30 M13-COMP	985904 REG 347 LCH 2012-08-30 M14-COMP	985905 REG 347 LCH 2012-08-30 M15-COMP	985906 REG 347 LCH 2012-08-30 M16-COMP
General Chemistry	Moisture	0.1	%			30.8	40.0	26.9	15.4
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		3	2	2	1
	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	<0.01
	Cr	0.05	mg/L	LQC-5.0		0.78			
		0.1	mg/L	LQC-5.0			<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			<1	<1	<1	<1

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985907 REG 347 LCH 2012-08-30 M17-COMP	985908 REG 347 LCH 2012-08-30 M18-COMP	985909 REG 347 LCH 2012-08-30 M19-COMP	985910 REG 347 LCH 2012-08-30 M20-COMP
General Chemistry	Moisture	0.1	%			45.7	23.9	20.3	17.6
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		1	1	1	1
	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<1

Guideline = REG 558 *** = Guideline Exceedence**
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Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985907 REG 347 LCH 2012-08-30 M17-COMP	985908 REG 347 LCH 2012-08-30 M18-COMP	985909 REG 347 LCH 2012-08-30 M19-COMP	985910 REG 347 LCH 2012-08-30 M20-COMP
Metals	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			<1	<1	<1	<1

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985911 REG 347 LCH 2012-08-30 M21-COMP	985912 REG 347 LCH 2012-08-30 M22-COMP	985913 REG 347 LCH 2012-08-30 M23-COMP	985914 REG 347 LCH 2012-08-30 M24-COMP
General Chemistry	Moisture	0.1	%			21.6	11.5	12.6	6.4
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		<1	<1	1	<1
	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			<1	<1	<1	<1

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COC #: 756679

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 238721 **Analysis Date** 2012-09-20 **Method** C SM2540B			
Moisture			80-120
Run No 238811 **Analysis Date** 2012-09-21 **Method** C SM2540B			
Moisture			80-120
Run No 238860 **Analysis Date** 2012-09-24 **Method** C SM2540B			
Moisture			80-120
Run No 238909 **Analysis Date** 2012-09-25 **Method** EPA 200.8			
Ag	<0.01 mg/L	102	89-111
As	<0.1 mg/L	102	81-119
Ba	<1 mg/L	101	91-109
Cd	<0.01 mg/L	105	86-114
Cr	<0.1 mg/L	98	89-111
Pb	<0.1 mg/L	104	89-111
Se	<0.1 mg/L	107	77-123
U	<0.1 mg/L	101	87-113

Guideline = REG 558 *** = Guideline Exceedence**
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Date Reported: 2012-10-04
Project:
COC #: 756679

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 238928 **Analysis Date** 2012-09-25 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	97	70-130
Run No 238968 **Analysis Date** 2012-09-26 **Method** EPA 200.8			
Ag	<0.01 mg/L	98	89-111
As	<0.1 mg/L	100	81-119
B	<1 mg/L	92	81-119
Ba	<1 mg/L	101	91-109
Cd	<0.01 mg/L	99	86-114
Cr	<0.1 mg/L	99	89-111
Pb	<0.1 mg/L	97	89-111
Se	<0.1 mg/L	99	77-123
U	<0.1 mg/L	97	87-113
Zn	<1 mg/L	94	89-111
Run No 239002 **Analysis Date** 2012-09-26 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	97	70-130
Run No 239150 **Analysis Date** 2012-09-27 **Method** EPA 200.8			
Ag	<0.01 mg/L	103	89-111

Guideline = REG 558 *** = Guideline Exceedence**
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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.

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220451
Date Submitted: 2012-09-19
Date Reported: 2012-10-04
Project:
COC #: 756679

QC Summary

Analyte	Blank	QC % Rec	QC Limits
As	<0.1 mg/L	103	81-119
B	<1 mg/L	88	81-119
Ba	<1 mg/L	106	91-109
Cd	<0.01 mg/L	104	86-114
Cr	<0.005 mg/L	94	92-108
Pb	<0.1 mg/L	102	89-111
Se	<0.1 mg/L	102	77-123
U	<0.1 mg/L	102	87-113
Zn	<1 mg/L	100	89-111

Guideline = REG 558 *** = Guideline Exceedence**
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Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220466
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756684

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:

Revised Report - Zn has been added as per clients request.

APPROVAL: _____

Lorna Wilson
Inorganic Laboratory Supervisor

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220466
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756684

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985953 REG 347 LCH 2012-08-30 Comp 25	985954 REG 347 LCH 2012-08-30 Comp 26	985955 REG 347 LCH 2012-08-30 Comp 27	985956 REG 347 LCH 2012-08-30 Comp 28
General Chemistry	Moisture	0.1	%			16.0	18.5	17.3	29.6
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		2	<1	1	1
	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			6	2	<1	5

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985957 REG 347 LCH 2012-08-30 Comp 29	985958 REG 347 LCH 2012-08-30 Comp 30	985959 REG 347 LCH 2012-08-30 Comp 31	985960 REG 347 LCH 2012-08-30 Comp 32
General Chemistry	Moisture	0.1	%			21.1	32.1	5.3	21.1
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		1	<1	<1	1
	Ba	1	mg/L	LQC-100.0		1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01		<0.01

Guideline = REG 558 *** = Guideline Exceedence**
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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.

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220466
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756684

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985957 REG 347 LCH 2012-08-30 Comp 29	985958 REG 347 LCH 2012-08-30 Comp 30	985959 REG 347 LCH 2012-08-30 Comp 31	985960 REG 347 LCH 2012-08-30 Comp 32
Metals	Cd	0.1	mg/L	LQC-0.5				<0.1	
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			1	8	19	1

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985961 REG 347 LCH 2012-08-30 Comp 33	985962 REG 347 LCH 2012-08-30 Comp 34	985963 REG 347 LCH 2012-08-30 Comp 35	985964 REG 347 LCH 2012-08-30 Comp 36
General Chemistry	Moisture	0.1	%			20.1	21.7	13.0	17.6
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		2	<1	<1	<1
	Ba	1	mg/L	LQC-100.0		<1	<1	2	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	
		0.1	mg/L	LQC-0.5					<0.1
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			2	<1	<1	<1

Guideline = REG 558 *** = Guideline Exceedence**
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Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220466
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756684

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 238811 **Analysis Date** 2012-09-21 **Method** C SM2540B			
Moisture			80-120
Run No 238860 **Analysis Date** 2012-09-24 **Method** C SM2540B			
Moisture			80-120
Run No 238928 **Analysis Date** 2012-09-25 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	97	70-130
Run No 239002 **Analysis Date** 2012-09-26 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	97	70-130
Run No 239048 **Analysis Date** 2012-09-26 **Method** EPA 200.8			
Ag	<0.01 mg/L	101	89-111
As	<0.1 mg/L	104	81-119
B	<1 mg/L	98	81-119
Ba	<1 mg/L	106	91-109
Cd	<0.01 mg/L	104	86-114
Cr	<0.1 mg/L	104	89-111

Guideline = REG 558 *** = Guideline Exceedence**
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Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
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Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220466
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756684

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Pb	<0.1 mg/L	101	89-111
Se	<0.1 mg/L	101	77-123
U	<0.1 mg/L	102	87-113
Zn	<1 mg/L	102	89-111
Run No 239150 **Analysis Date** 2012-09-27 **Method** EPA 200.8			
Ba	<1 mg/L	106	91-109
Cd	<0.1 mg/L	104	86-114
Run No 239196 **Analysis Date** 2012-09-28 **Method** EPA 200.8			
Cd	<0.1 mg/L	101	86-114

Guideline = REG 558 *** = Guideline Exceedence**
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EXOVA OTTAWA

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220467
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756684

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:

Revised Report - Zn has been added as per clients request.

APPROVAL: _____

Lorna Wilson
Inorganic Laboratory Supervisor

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220467
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756684

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985965 REG 347 LCH 2012-08-30 Comp 37	985966 REG 347 LCH 2012-08-30 Comp 38	985967 REG 347 LCH 2012-08-30 Comp 39	985968 REG 347 LCH 2012-08-30 Comp 40
General Chemistry	Moisture	0.1	%			24.1	21.8	25.3	23.9
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		1	1	2	<1
	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			<1	<1	<1	1

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985969 REG 347 LCH 2012-08-30 Comp 41	985970 REG 347 LCH 2012-08-30 Comp 42	985971 REG 347 LCH 2012-08-30 Comp 43	985972 REG 347 LCH 2012-08-30 Comp 44
General Chemistry	Moisture	0.1	%			22.9	32.2	18.6	26.9
Mercury	Hg	0.0001	mg/L	LQC-0.1				<0.0001	<0.0001
		0.001	mg/L	LQC-0.1		<0.001	<0.001		
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		1	2	1	<1
	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<1

Guideline = REG 558 *** = Guideline Exceedence**
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Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220467
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756684

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985969 REG 347 LCH 2012-08-30 Comp 41	985970 REG 347 LCH 2012-08-30 Comp 42	985971 REG 347 LCH 2012-08-30 Comp 43	985972 REG 347 LCH 2012-08-30 Comp 44
Metals	Cd	0.01	mg/L	LQC-0.5		<0.01		<0.01	<0.01
		0.1	mg/L	LQC-0.5			<0.1		
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	17.5*		<0.1
		1	mg/L	LQC-5.0				<1	
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			<1	8	6	<1

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985973 REG 347 LCH 2012-08-30 Comp 45	985974 REG 347 LCH 2012-08-30 Comp 46	985975 REG 347 LCH 2012-08-30 Comp 47	985976 REG 347 LCH 2012-08-30 Comp 48
General Chemistry	Moisture	0.1	%			21.5	51.6	50.6	49.0
Mercury	Hg	0.0001	mg/L	LQC-0.1		<0.0001	<0.0001	<0.0001	<0.0001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		2	1	2	2
	Ba	1	mg/L	LQC-100.0		1	2	<1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		62.7*	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1

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Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220467
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756684

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985973 REG 347 LCH 2012-08-30 Comp 45	985974 REG 347 LCH 2012-08-30 Comp 46	985975 REG 347 LCH 2012-08-30 Comp 47	985976 REG 347 LCH 2012-08-30 Comp 48
Metals	Zn	1	mg/L			95	5	<1	<1

Guideline = REG 558 *** = Guideline Exceedence**
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Attention: Mr. Jim Millard
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Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220467
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756684

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 238860 **Analysis Date** 2012-09-24 **Method** C SM2540B			
Moisture			80-120
Run No 239002 **Analysis Date** 2012-09-26 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	97	70-130
Run No 239048 **Analysis Date** 2012-09-26 **Method** EPA 200.8			
Ag	<0.01 mg/L	101	89-111
As	<0.1 mg/L	104	81-119
B	<1 mg/L	98	81-119
Ba	<1 mg/L	106	91-109
Cd	<0.01 mg/L	104	86-114
Cr	<0.1 mg/L	104	89-111
Pb	<0.1 mg/L	101	89-111
Se	<0.1 mg/L	101	77-123
U	<0.1 mg/L	102	87-113
Zn	<1 mg/L	102	89-111

Guideline = REG 558 *** = Guideline Exceedence**
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120 Adelaide Street West, Suite 1016
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M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220467
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756684

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 239150 **Analysis Date** 2012-09-27 **Method** EPA 200.8			
Pb	<0.1 mg/L	102	89-111
Run No 239264 **Analysis Date** 2012-09-29 **Method** EPA 200.8			
Pb	<1 mg/L	105	89-111
Run No 239372 **Analysis Date** 2012-10-02 **Method** EPA 200.8			
Cd	<0.1 mg/L	101	86-114
Pb	<0.1 mg/L	102	89-111
Zn	<1 mg/L	102	89-111

Guideline = REG 558 *** = Guideline Exceedence**
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EXOVA OTTAWA

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220468
Date Submitted: 2012-09-19
Date Reported: 2012-10-01
Project:
COC #: 756684

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: _____

Lorna Wilson
Inorganic Laboratory Supervisor

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220468
Date Submitted: 2012-09-19
Date Reported: 2012-10-01
Project:
COC #: 756684

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985977 REG 347 LCH 2012-08-30 Comp 49	985978 REG 347 LCH 2012-08-30 Comp 50	985979 REG 347 LCH 2012-08-30 Comp 51	985980 REG 347 LCH 2012-08-30 Comp 52
General Chemistry	Moisture	0.1	%			41.8	41.7	53.3	58.4
Mercury	Hg	0.0001	mg/L	LQC-0.1		<0.0001	<0.0001	<0.0001	<0.0001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		1	1	2	1
	Ba	1	mg/L	LQC-100.0		2	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5		0.35	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0			<0.1	<0.1	<0.1
		1	mg/L	LQC-5.0		<1			
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985981 REG 347 LCH 2012-08-30 Comp 53	985982 REG 347 LCH 2012-08-30 Comp 54	985983 REG 347 LCH 2012-08-30 Comp 55	985984 REG 347 LCH 2012-08-30 Comp 56
General Chemistry	Moisture	0.1	%			33.1	45.2	59.8	56.9
Mercury	Hg	0.0001	mg/L	LQC-0.1		<0.0001	<0.0001	<0.0001	
		0.001	mg/L	LQC-0.1					<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		4	1	1	<1
	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<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.

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220468
Date Submitted: 2012-09-19
Date Reported: 2012-10-01
Project:
COC #: 756684

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985981 REG 347 LCH 2012-08-30 Comp 53	985982 REG 347 LCH 2012-08-30 Comp 54	985983 REG 347 LCH 2012-08-30 Comp 55	985984 REG 347 LCH 2012-08-30 Comp 56
Metals	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985985 REG 347 LCH 2012-08-30 Comp 57	985986 REG 347 LCH 2012-08-30 Comp 58	985987 REG 347 LCH 2012-08-30 Comp 59	985988 REG 347 LCH 2012-08-30 Comp 60
General Chemistry	Moisture	0.1	%			46.8	35.0	35.8	30.9
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		<1	2	5	1
	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1

Guideline = REG 558 *** = Guideline Exceedence**
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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.

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220468
Date Submitted: 2012-09-19
Date Reported: 2012-10-01
Project:
COC #: 756684

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D. 985989 REG 347 LCH 2012-08-30 Comp 61
General Chemistry	Moisture	0.1	%		35.9
Mercury	Hg	0.001	mg/L	LQC-0.1	<0.001
Metals	Ag	0.01	mg/L	LQC-5	<0.01
	As	0.1	mg/L	LQC-2.5	<0.1
	B	1	mg/L	LQC-500.0	1
	Ba	1	mg/L	LQC-100.0	<1
	Cd	0.01	mg/L	LQC-0.5	<0.01
	Cr	0.1	mg/L	LQC-5.0	<0.1
	Pb	0.1	mg/L	LQC-5.0	<0.1
	Se	0.1	mg/L	LQC-1.0	<0.1
	U	0.1	mg/L	LQC-10.0	<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.

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220468
Date Submitted: 2012-09-19
Date Reported: 2012-10-01
Project:
COC #: 756684

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 238860 **Analysis Date** 2012-09-24 **Method** C SM2540B			
Moisture			80-120
Run No 238929 **Analysis Date** 2012-09-25 **Method** C SM2540B			
Moisture			80-120
Run No 239002 **Analysis Date** 2012-09-26 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	97	70-130
Run No 239070 **Analysis Date** 2012-09-27 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	95	70-130
Run No 239150 **Analysis Date** 2012-09-28 **Method** EPA 200.8			
Ag	<0.01 mg/L	103	89-111
As	<0.1 mg/L	103	81-119
B	<1 mg/L	88	81-119
Ba	<1 mg/L	106	91-109
Cd	<0.01 mg/L	104	86-114
Cr	<0.1 mg/L	103	89-111

Guideline = REG 558 *** = Guideline Exceedence**
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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.

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
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M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220468
Date Submitted: 2012-09-19
Date Reported: 2012-10-01
Project:
COC #: 756684

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Pb	<0.1 mg/L	102	89-111
Se	<0.1 mg/L	102	77-123
U	<0.1 mg/L	102	87-113
Run No 239196 **Analysis Date** 2012-09-28 **Method** EPA 200.8			
B	<1 mg/L	89	81-119
Run No 239264 **Analysis Date** 2012-09-29 **Method** EPA 200.8			
Cd	<0.01 mg/L	106	86-114
Pb	<1 mg/L	105	89-111

Guideline = REG 558 *** = Guideline Exceedence**
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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.

EXOVA OTTAWA

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220468
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756684

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:

Revised Report - Zn has been added as per clients request.

APPROVAL: _____

Lorna Wilson
Inorganic Laboratory Supervisor

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220468
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756684

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985977 REG 347 LCH 2012-08-30 Comp 49	985978 REG 347 LCH 2012-08-30 Comp 50	985979 REG 347 LCH 2012-08-30 Comp 51	985980 REG 347 LCH 2012-08-30 Comp 52
General Chemistry	Moisture	0.1	%			41.8	41.7	53.3	58.4
Mercury	Hg	0.0001	mg/L	LQC-0.1		<0.0001	<0.0001	<0.0001	<0.0001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		1	1	2	1
	Ba	1	mg/L	LQC-100.0		2	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5		0.35	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0			<0.1	<0.1	<0.1
		1	mg/L	LQC-5.0		<1			
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			4	12	2	<1

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985981 REG 347 LCH 2012-08-30 Comp 53	985982 REG 347 LCH 2012-08-30 Comp 54	985983 REG 347 LCH 2012-08-30 Comp 55	985984 REG 347 LCH 2012-08-30 Comp 56
General Chemistry	Moisture	0.1	%			33.1	45.2	59.8	56.9
Mercury	Hg	0.0001	mg/L	LQC-0.1		<0.0001	<0.0001	<0.0001	
		0.001	mg/L	LQC-0.1					<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		4	1	1	<1

Guideline = REG 558 *** = Guideline Exceedence**
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Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
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Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220468
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756684

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985981 REG 347 LCH 2012-08-30 Comp 53	985982 REG 347 LCH 2012-08-30 Comp 54	985983 REG 347 LCH 2012-08-30 Comp 55	985984 REG 347 LCH 2012-08-30 Comp 56
Metals	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			5	<1	5	66

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985985 REG 347 LCH 2012-08-30 Comp 57	985986 REG 347 LCH 2012-08-30 Comp 58	985987 REG 347 LCH 2012-08-30 Comp 59	985988 REG 347 LCH 2012-08-30 Comp 60
General Chemistry	Moisture	0.1	%			46.8	35.0	35.8	30.9
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		<1	2	5	1
	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			27	4	2	<1

Guideline = REG 558 *** = Guideline Exceedence**
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Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220468
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756684

Group	Analyte	MRL	Units	Guideline	985989 REG 347 LCH
				Lab I.D.	985989
				Sample Matrix	REG 347 LCH
				Sample Type	
				Sampling Date	2012-08-30
				Sample I.D.	Comp 61
General Chemistry	Moisture	0.1	%		35.9
Mercury	Hg	0.001	mg/L	LQC-0.1	<0.001
Metals	Ag	0.01	mg/L	LQC-5	<0.01
	As	0.1	mg/L	LQC-2.5	<0.1
	B	1	mg/L	LQC-500.0	1
	Ba	1	mg/L	LQC-100.0	<1
	Cd	0.01	mg/L	LQC-0.5	<0.01
	Cr	0.1	mg/L	LQC-5.0	<0.1
	Pb	0.1	mg/L	LQC-5.0	<0.1
	Se	0.1	mg/L	LQC-1.0	<0.1
	U	0.1	mg/L	LQC-10.0	<0.1
	Zn	1	mg/L		<1

Guideline = REG 558 *** = Guideline Exceedence**
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Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220468
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756684

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 238860 **Analysis Date** 2012-09-24 **Method** C SM2540B			
Moisture			80-120
Run No 238929 **Analysis Date** 2012-09-25 **Method** C SM2540B			
Moisture			80-120
Run No 239002 **Analysis Date** 2012-09-26 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	97	70-130
Run No 239070 **Analysis Date** 2012-09-27 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	95	70-130
Run No 239150 **Analysis Date** 2012-09-28 **Method** EPA 200.8			
Ag	<0.01 mg/L	103	89-111
As	<0.1 mg/L	103	81-119
B	<1 mg/L	88	81-119
Ba	<1 mg/L	106	91-109
Cd	<0.01 mg/L	104	86-114
Cr	<0.1 mg/L	103	89-111

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.

Client: Baffinland Iron Mines Corporation
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M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220468
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756684

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Pb	<0.1 mg/L	102	89-111
Se	<0.1 mg/L	102	77-123
U	<0.1 mg/L	102	87-113
Zn	<1 mg/L	100	89-111
Run No 239196 **Analysis Date** 2012-09-28 **Method** EPA 200.8			
B	<1 mg/L	89	81-119
Run No 239264 **Analysis Date** 2012-09-29 **Method** EPA 200.8			
Cd	<0.01 mg/L	106	86-114
Pb	<1 mg/L	105	89-111

Guideline = REG 558 *** = Guideline Exceedence**
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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.

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220470
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756685

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:

Revised Report - Zn has been added as per clients request.

APPROVAL: _____

Lorna Wilson
Inorganic Laboratory Supervisor

Certificate of Analysis

Exova

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220470
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756685

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985991 REG 347 LCH 2012-08-30 Comp 62	985992 REG 347 LCH 2012-08-30 Comp 63	985993 REG 347 LCH 2012-08-30 Comp 64
General Chemistry	Moisture	0.1	%			28.6	24.7	20.4
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		<1	3	2
	Ba	1	mg/L	LQC-100.0		<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5			<0.01	<0.01
		0.1	mg/L	LQC-0.5		<0.1		
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1
	Zn	1	mg/L			4	<1	<1

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985994 REG 347 LCH 2012-08-30 Comp 65	985995 REG 347 LCH 2012-08-30 Comp 66	985996 REG 347 LCH 2012-08-30 Comp 67	985997 REG 347 LCH 2012-08-30 Comp 68
General Chemistry	Moisture	0.1	%			44.8	58.3	40.9	13.8
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		1	2	2	2
	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<1

Guideline = REG 558 *** = Guideline Exceedence**
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Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220470
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756685

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985994 REG 347 LCH 2012-08-30 Comp 65	985995 REG 347 LCH 2012-08-30 Comp 66	985996 REG 347 LCH 2012-08-30 Comp 67	985997 REG 347 LCH 2012-08-30 Comp 68
Metals	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			<1	<1	<1	<1

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	985998 REG 347 LCH 2012-08-30 Comp 69	985999 REG 347 LCH 2012-08-30 Comp 70	986000 REG 347 LCH 2012-08-30 Comp 71	986001 REG 347 LCH 2012-08-30 Comp 72
General Chemistry	Moisture	0.1	%			28.6	23.3	32.9	18.2
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		2	2	<1	2
	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5			<0.01	<0.01	<0.01
		0.1	mg/L	LQC-0.5		<0.1			
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			<1	<1	1	7

Guideline = REG 558 *** = Guideline Exceedence**
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Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220470
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756685

Group	Analyte	MRL	Units	Guideline	986002 REG 347 LCH 2012-08-30 Comp 73
				Lab I.D. / Sample Matrix / Sample Type / Sampling Date / Sample I.D.	
General Chemistry	Moisture	0.1	%		25.6
Mercury	Hg	0.001	mg/L	LQC-0.1	<0.001
Metals	Ag	0.01	mg/L	LQC-5	<0.01
	As	0.1	mg/L	LQC-2.5	<0.1
	B	1	mg/L	LQC-500.0	2
	Ba	1	mg/L	LQC-100.0	<1
	Cd	0.01	mg/L	LQC-0.5	<0.01
	Cr	0.1	mg/L	LQC-5.0	<0.1
	Pb	0.1	mg/L	LQC-5.0	<0.1
	Se	0.1	mg/L	LQC-1.0	<0.1
	U	0.1	mg/L	LQC-10.0	<0.1
	Zn	1	mg/L		1

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Report Number: 1220470
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756685

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 238929 **Analysis Date** 2012-09-25 **Method** C SM2540B			
Moisture			80-120
Run No 239070 **Analysis Date** 2012-09-27 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	95	70-130
Run No 239150 **Analysis Date** 2012-09-28 **Method** EPA 200.8			
Ag	<0.01 mg/L	103	89-111
As	<0.1 mg/L	103	81-119
B	<1 mg/L	88	81-119
Ba	<1 mg/L	106	91-109
Cd	<0.1 mg/L	104	86-114
Cr	<0.1 mg/L	103	89-111
Pb	<0.1 mg/L	102	89-111
Se	<0.1 mg/L	102	77-123
U	<0.1 mg/L	102	87-113
Zn	<1 mg/L	100	89-111

Guideline = REG 558 *** = Guideline Exceedence**
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Certificate of Analysis

Client:	Baffinland Iron Mines Corporation 120 Adelaide Street West, Suite 1016 Toronto, ON M5H 1T1
Attention:	Mr. Jim Millard
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EXOVA OTTAWA

Certificate of Analysis

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120 Adelaide Street West, Suite 1016
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M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220471
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756685

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:

Revised Report - Zn has been added as per clients request.

APPROVAL: _____

Lorna Wilson
Inorganic Laboratory Supervisor

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
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Report Number: 1220471
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Project:
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Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	986003 REG 347 LCH 2012-08-30 Comp 74	986004 REG 347 LCH 2012-08-30 Comp 75	986005 REG 347 LCH 2012-08-30 Comp 76
General Chemistry	Moisture	0.1	%			44.5	41.5	27.1
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		1	1	2
	Ba	1	mg/L	LQC-100.0		<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1
	Zn	1	mg/L			<1	<1	3

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	986006 REG 347 LCH 2012-08-30 Comp 77	986007 REG 347 LCH 2012-08-30 Comp 78	986008 REG 347 LCH 2012-08-30 Comp 79	986009 REG 347 LCH 2012-08-30 Comp 80
General Chemistry	Moisture	0.1	%			47.3	66.8	57.8	51.8
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		<1	2	2	<1
	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	

Guideline = REG 558 *** = Guideline Exceedence**
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M5H 1T1
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Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220471
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756685

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	986006 REG 347 LCH 2012-08-30 Comp 77	986007 REG 347 LCH 2012-08-30 Comp 78	986008 REG 347 LCH 2012-08-30 Comp 79	986009 REG 347 LCH 2012-08-30 Comp 80
Metals	Cd	0.1	mg/L	LQC-0.5					<0.1
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			<1	<1	<1	1

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	986010 REG 347 LCH 2012-08-30 Comp 81	986011 REG 347 LCH 2012-08-30 Comp 82	986012 REG 347 LCH 2012-08-30 Comp 83	986013 REG 347 LCH 2012-08-30 Comp 84
General Chemistry	Moisture	0.1	%			51.7	50.7	74.1	51.0
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		1	1	<1	1
	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			<1	<1	2	<1

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Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
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Report Number: 1220471
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756685

Group	Analyte	MRL	Units	Guideline	986014 REG 347 LCH 2012-08-30 Comp 85
				Lab I.D. / Sample Matrix / Sample Type / Sampling Date / Sample I.D.	
General Chemistry	Moisture	0.1	%		70.0
Mercury	Hg	0.001	mg/L	LQC-0.1	<0.001
Metals	Ag	0.01	mg/L	LQC-5	<0.01
	As	0.1	mg/L	LQC-2.5	<0.1
	B	1	mg/L	LQC-500.0	2
	Ba	1	mg/L	LQC-100.0	<1
	Cd	0.01	mg/L	LQC-0.5	<0.01
	Cr	0.1	mg/L	LQC-5.0	<0.1
	Pb	0.1	mg/L	LQC-5.0	<0.1
	Se	0.1	mg/L	LQC-1.0	<0.1
	U	0.1	mg/L	LQC-10.0	<0.1
	Zn	1	mg/L		1

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Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220471
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756685

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 238929 **Analysis Date** 2012-09-25 **Method** C SM2540B			
Moisture			80-120
Run No 238972 **Analysis Date** 2012-09-26 **Method** C SM2540B			
Moisture			80-120
Run No 239070 **Analysis Date** 2012-09-27 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	95	70-130
Run No 239186 **Analysis Date** 2012-09-28 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	96	70-130
Run No 239196 **Analysis Date** 2012-09-28 **Method** EPA 200.8			
Ag	<0.01 mg/L	101	89-111
As	<0.1 mg/L	102	81-119
B	<1 mg/L	89	81-119
Ba	<1 mg/L	106	91-109
Cd	<0.01 mg/L	99	86-114
Cr	<0.1 mg/L	102	89-111

Guideline = REG 558 *** = Guideline Exceedence**
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Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220471
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756685

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Pb	<0.1 mg/L	98	89-111
Se	<0.1 mg/L	98	77-123
U	<0.1 mg/L	101	87-113
Zn	<1 mg/L	105	89-111

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EXOVA OTTAWA

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220472
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756685

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:

Revised Report - Zn has been added as per clients request.

APPROVAL: _____

Lorna Wilson
Inorganic Laboratory Supervisor

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
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Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220472
Date Submitted: 2012-09-19
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COC #: 756685

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	986015 REG 347 LCH 2012-08-30 Comp 86	986016 REG 347 LCH 2012-08-30 Comp 87	986017 REG 347 LCH 2012-08-30 Comp 88
General Chemistry	Moisture	0.1	%			19.9	47.0	24.2
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		<1	<1	2
	Ba	1	mg/L	LQC-100.0		3	<1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1
	Zn	1	mg/L			1	<1	<1

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	986018 REG 347 LCH 2012-08-30 Comp 89	986019 REG 347 LCH 2012-08-30 Comp 90	986020 REG 347 LCH 2012-08-30 Comp 91	986021 REG 347 LCH 2012-08-30 Comp 92
General Chemistry	Moisture	0.1	%			68.3	35.4	39.7	27.4
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		1	<1	<1	<1
	Ba	1	mg/L	LQC-100.0		<1	<1	1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	<0.01

Guideline = REG 558 *** = Guideline Exceedence**
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Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	986018 REG 347 LCH 2012-08-30 Comp 89	986019 REG 347 LCH 2012-08-30 Comp 90	986020 REG 347 LCH 2012-08-30 Comp 91	986021 REG 347 LCH 2012-08-30 Comp 92
Metals	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			<1	2	<1	10

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	986022 REG 347 LCH 2012-08-30 Comp 93	986023 REG 347 LCH 2012-08-30 Comp 94	986024 REG 347 LCH 2012-08-30 Comp 95	986025 REG 347 LCH 2012-08-30 Comp 96
General Chemistry	Moisture	0.1	%			13.8	14.7	29.6	55.9
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		<1	<1	<1	<1
	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	8.1*
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			<1	<1	<1	1

Guideline = REG 558 *** = Guideline Exceedence**
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Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220472
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756685

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D. 986026 REG 347 LCH 2012-08-30 Comp 97
General Chemistry	Moisture	0.1	%		35.9
Mercury	Hg	0.001	mg/L	LQC-0.1	<0.001
Metals	Ag	0.01	mg/L	LQC-5	<0.01
	As	0.1	mg/L	LQC-2.5	<0.1
	B	1	mg/L	LQC-500.0	<1
	Ba	1	mg/L	LQC-100.0	<1
	Cd	0.01	mg/L	LQC-0.5	<0.01
	Cr	0.1	mg/L	LQC-5.0	<0.1
	Pb	1	mg/L	LQC-5.0	<1
	Se	0.1	mg/L	LQC-1.0	<0.1
	U	0.1	mg/L	LQC-10.0	<0.1
	Zn	1	mg/L		<1

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Report Number: 1220472
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756685

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 238972 **Analysis Date** 2012-09-26 **Method** C SM2540B			
Moisture			80-120
Run No 239056 **Analysis Date** 2012-09-27 **Method** C SM2540B			
Moisture			80-120
Run No 239186 **Analysis Date** 2012-09-28 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	96	70-130
Run No 239196 **Analysis Date** 2012-09-28 **Method** EPA 200.8			
Ag	<0.01 mg/L	101	89-111
As	<0.1 mg/L	102	81-119
B	<1 mg/L	89	81-119
Ba	<1 mg/L	106	91-109
Cd	<0.01 mg/L	99	86-114
Cr	<0.1 mg/L	102	89-111
Pb	<0.1 mg/L	98	89-111
Se	<0.1 mg/L	98	77-123

Guideline = REG 558 *** = Guideline Exceedence**
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Report Number: 1220472
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756685

QC Summary

Analyte	Blank	QC % Rec	QC Limits
U	<0.1 mg/L	101	87-113
Zn	<1 mg/L	105	89-111
Run No 239264 **Analysis Date** 2012-09-29 **Method** EPA 200.8			
Ba	<1 mg/L	101	91-109
Se	<0.1 mg/L	112	77-123
Run No 239372 **Analysis Date** 2012-10-02 **Method** EPA 200.8			
Pb	<1 mg/L	102	89-111
Zn	<1 mg/L	102	89-111

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EXOVA OTTAWA

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
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M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220473
Date Submitted: 2012-09-19
Date Reported: 2012-10-01
Project:
COC #: 756685

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: _____

Lorna Wilson
Inorganic Laboratory Supervisor

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220473
Date Submitted: 2012-09-19
Date Reported: 2012-10-01
Project:
COC #: 756685

Group	Analyte	MRL	Units	Guideline	Lab I.D. / Sample Matrix / Sample Type / Sampling Date / Sample I.D.			
					986027 REG 347 LCH 2012-08-30 Comp 98	986028 REG 347 LCH 2012-08-30 Comp 99	986029 REG 347 LCH 2012-08-30 Comp 100	986030 REG 347 LCH 2012-08-30 Comp 101
General Chemistry	Moisture	0.1	%		34.2	66.8	57.6	42.6
Mercury	Hg	0.001	mg/L	LQC-0.1	<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5	<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5	<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0	<1	<1	1	<1
	Ba	1	mg/L	LQC-100.0	<1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5	<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0	<0.1	<0.1	<0.1	<0.1
	Pb	1	mg/L	LQC-5.0	<1	<1	<1	<1
	Se	0.1	mg/L	LQC-1.0	<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0	<0.1	<0.1	<0.1	<0.1

Group	Analyte	MRL	Units	Guideline	Lab I.D. / Sample Matrix / Sample Type / Sampling Date / Sample I.D.			
					986031 REG 347 LCH 2012-08-30 Comp 102	986032 REG 347 LCH 2012-08-30 Comp 103	986033 REG 347 LCH 2012-08-30 Comp 104	986034 REG 347 LCH 2012-08-30 Comp 105
General Chemistry	Moisture	0.1	%		52.5	49.8	54.5	25.1
Mercury	Hg	0.001	mg/L	LQC-0.1	<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5	<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5	<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0	<1	1	<1	<1
	Ba	1	mg/L	LQC-100.0	1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5	<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0	<0.1	<0.1	<0.1	<0.1

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Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	986031 REG 347 LCH 2012-08-30 Comp 102	986032 REG 347 LCH 2012-08-30 Comp 103	986033 REG 347 LCH 2012-08-30 Comp 104	986034 REG 347 LCH 2012-08-30 Comp 105
Metals	Pb	0.1	mg/L	LQC-5.0					<0.1
		1	mg/L	LQC-5.0		<1	<1	<1	
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	986035 REG 347 LCH 2012-08-30 Comp 106	986036 REG 347 LCH 2012-08-30 Comp 107	986037 REG 347 LCH 2012-08-30 Comp 108	986038 REG 347 LCH 2012-08-30 Comp 109
General Chemistry	Moisture	0.1	%			41.6	56.1	65.7	50.1
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		1	2	1	<1
	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1

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Certificate of Analysis

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Attention: Mr. Jim Millard
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Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220473
Date Submitted: 2012-09-19
Date Reported: 2012-10-01
Project:
COC #: 756685

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	986039 REG 347 LCH 2012-08-30 Comp 110	986040 REG 347 LCH 2012-08-30 Comp 111	986041 REG 347 LCH 2012-08-30 Comp 112	986042 REG 347 LCH 2012-08-30 Comp 113
General Chemistry	Moisture	0.1	%			51.3	46.4	15.5	31.8
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		<1	2	<1	<1
	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0				<0.1	<0.1
		1	mg/L	LQC-5.0		<1	<1		
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1

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Report Number: 1220473
Date Submitted: 2012-09-19
Date Reported: 2012-10-01
Project:
COC #: 756685

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 239056 **Analysis Date** 2012-09-27 **Method** C SM2540B			
Moisture			80-120
Run No 239186 **Analysis Date** 2012-09-28 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	96	70-130
Run No 239196 **Analysis Date** 2012-09-29 **Method** EPA 200.8			
Ag	<0.01 mg/L	101	89-111
As	<0.1 mg/L	102	81-119
B	<1 mg/L	89	81-119
Ba	<1 mg/L	106	91-109
Cd	<0.01 mg/L	99	86-114
Cr	<0.1 mg/L	102	89-111
Pb	<1 mg/L	98	89-111
Se	<0.1 mg/L	98	77-123
U	<0.1 mg/L	101	87-113
Run No 239264 **Analysis Date** 2012-09-29 **Method** EPA 200.8			

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QC Summary

Analyte	Blank	QC % Rec	QC Limits
Ag	<0.01 mg/L	109	89-111
As	<0.1 mg/L	104	81-119
B	<1 mg/L	96	81-119
Ba	<1 mg/L	101	91-109
Cd	<0.01 mg/L	106	86-114
Cr	<0.1 mg/L	100	89-111
Pb	<0.1 mg/L	105	89-111
Se	<0.1 mg/L	112	77-123
U	<0.1 mg/L	106	87-113

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EXOVA OTTAWA

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Project:
COC #: 756685

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:

Revised Report - Zn has been added as per clients request.

APPROVAL: _____

Lorna Wilson
Inorganic Laboratory Supervisor

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Group	Analyte	MRL	Units	Guideline	Lab I.D. / Sample Matrix / Sample Type / Sampling Date / Sample I.D.			
					986027 REG 347 LCH 2012-08-30 Comp 98	986028 REG 347 LCH 2012-08-30 Comp 99	986029 REG 347 LCH 2012-08-30 Comp 100	
General Chemistry	Moisture	0.1	%		34.2	66.8	57.6	
Mercury	Hg	0.001	mg/L	LQC-0.1	<0.001	<0.001	<0.001	
Metals	Ag	0.01	mg/L	LQC-5	<0.01	<0.01	<0.01	
	As	0.1	mg/L	LQC-2.5	<0.1	<0.1	<0.1	
	B	1	mg/L	LQC-500.0	<1	<1	1	
	Ba	1	mg/L	LQC-100.0	<1	<1	<1	
	Cd	0.01	mg/L	LQC-0.5	<0.01	<0.01	<0.01	
	Cr	0.1	mg/L	LQC-5.0	<0.1	<0.1	<0.1	
	Pb	1	mg/L	LQC-5.0	<1	<1	<1	
	Se	0.1	mg/L	LQC-1.0	<0.1	<0.1	<0.1	
	U	0.1	mg/L	LQC-10.0	<0.1	<0.1	<0.1	
	Zn	1	mg/L		3	<1	<1	

Group	Analyte	MRL	Units	Guideline	Lab I.D. / Sample Matrix / Sample Type / Sampling Date / Sample I.D.			
					986030 REG 347 LCH 2012-08-30 Comp 101	986031 REG 347 LCH 2012-08-30 Comp 102	986032 REG 347 LCH 2012-08-30 Comp 103	986033 REG 347 LCH 2012-08-30 Comp 104
General Chemistry	Moisture	0.1	%		42.6	52.5	49.8	54.5
Mercury	Hg	0.001	mg/L	LQC-0.1	<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5	<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5	<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0	<1	<1	1	<1
	Ba	1	mg/L	LQC-100.0	<1	1	<1	<1
	Cd	0.01	mg/L	LQC-0.5	<0.01	<0.01	<0.01	<0.01

Guideline = REG 558 *** = Guideline Exceedence**
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Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	986030 REG 347 LCH 2012-08-30 Comp 101	986031 REG 347 LCH 2012-08-30 Comp 102	986032 REG 347 LCH 2012-08-30 Comp 103	986033 REG 347 LCH 2012-08-30 Comp 104
Metals	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	1	mg/L	LQC-5.0		<1	<1	<1	<1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			3	<1	21	5

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	986034 REG 347 LCH 2012-08-30 Comp 105	986035 REG 347 LCH 2012-08-30 Comp 106	986036 REG 347 LCH 2012-08-30 Comp 107	986037 REG 347 LCH 2012-08-30 Comp 108
General Chemistry	Moisture	0.1	%			25.1	41.6	56.1	65.7
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		<1	1	2	1
	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			3	<1	<1	<1

Guideline = REG 558 *** = Guideline Exceedence**
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Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220473
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756685

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	986038 REG 347 LCH 2012-08-30 Comp 109	986039 REG 347 LCH 2012-08-30 Comp 110	986040 REG 347 LCH 2012-08-30 Comp 111	986041 REG 347 LCH 2012-08-30 Comp 112
General Chemistry	Moisture	0.1	%			50.1	51.3	46.4	15.5
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001	<0.001	<0.001	<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01	<0.01	<0.01	<0.01
	As	0.1	mg/L	LQC-2.5		<0.1	<0.1	<0.1	<0.1
	B	1	mg/L	LQC-500.0		<1	<1	2	<1
	Ba	1	mg/L	LQC-100.0		<1	<1	<1	<1
	Cd	0.01	mg/L	LQC-0.5		<0.01	<0.01	<0.01	<0.01
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.1	mg/L	LQC-5.0		<0.1			<0.1
		1	mg/L	LQC-5.0			<1	<1	
	Se	0.1	mg/L	LQC-1.0		<0.1	<0.1	<0.1	<0.1
	U	0.1	mg/L	LQC-10.0		<0.1	<0.1	<0.1	<0.1
	Zn	1	mg/L			1	98	7	<1

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	986042 REG 347 LCH 2012-08-30 Comp 113
General Chemistry	Moisture	0.1	%			31.8
Mercury	Hg	0.001	mg/L	LQC-0.1		<0.001
Metals	Ag	0.01	mg/L	LQC-5		<0.01
	As	0.1	mg/L	LQC-2.5		<0.1
	B	1	mg/L	LQC-500.0		<1
	Ba	1	mg/L	LQC-100.0		<1

Guideline = REG 558 *** = Guideline Exceedence**
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Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220473
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756685

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D. 986042 REG 347 LCH 2012-08-30 Comp 113
Metals	Cd	0.01	mg/L	LQC-0.5	<0.01
	Cr	0.1	mg/L	LQC-5.0	<0.1
	Pb	0.1	mg/L	LQC-5.0	<0.1
	Se	0.1	mg/L	LQC-1.0	<0.1
	U	0.1	mg/L	LQC-10.0	<0.1
	Zn	1	mg/L		6

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M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1220473
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756685

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 239056 **Analysis Date** 2012-09-27 **Method** C SM2540B			
Moisture			80-120
Run No 239186 **Analysis Date** 2012-09-28 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	96	70-130
Run No 239196 **Analysis Date** 2012-09-29 **Method** EPA 200.8			
Ag	<0.01 mg/L	101	89-111
As	<0.1 mg/L	102	81-119
B	<1 mg/L	89	81-119
Ba	<1 mg/L	106	91-109
Cd	<0.01 mg/L	99	86-114
Cr	<0.1 mg/L	102	89-111
Pb	<1 mg/L	98	89-111
Se	<0.1 mg/L	98	77-123
U	<0.1 mg/L	101	87-113
Zn	<1 mg/L	105	89-111

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Report Number: 1220473
Date Submitted: 2012-09-19
Date Reported: 2012-10-03
Project:
COC #: 756685

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 239264 **Analysis Date** 2012-09-29 **Method** EPA 200.8			
Ag	<0.01 mg/L	109	89-111
As	<0.1 mg/L	104	81-119
B	<1 mg/L	96	81-119
Ba	<1 mg/L	101	91-109
Cd	<0.01 mg/L	106	86-114
Cr	<0.1 mg/L	100	89-111
Pb	<0.1 mg/L	105	89-111
Se	<0.1 mg/L	112	77-123
U	<0.1 mg/L	106	87-113
Zn	<1 mg/L	102	89-111

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EXOVA OTTAWA

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
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M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1221898
Date Submitted: 2012-10-05
Date Reported: 2012-10-15
Project:
COC #: 757140

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:

Revised: Pb result for sample 989703 has been amended.

APPROVAL: _____

Diana Cameron
Inorganic Laboratory Technician

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
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M5H 1T1
Attention: Mr. Jim Millard
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Invoice to: Baffinland Iron Mines Corporation

Report Number: 1221898
Date Submitted: 2012-10-05
Date Reported: 2012-10-15
Project:
COC #: 757140

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	989698 REG 347 LCH 2012-08-30 COMP 42-O29	989699 REG 347 LCH 2012-08-30 COMP 42-O32	989700 REG 347 LCH 2012-08-30 COMP 42-P26	989701 REG 347 LCH 2012-08-30 COMP 42-P30
General Chemistry	Moisture	0.1	%			40.1	59.2	49.0	71.2
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
		0.1	mg/L	LQC-2.5			<0.1		
	B	0.1	mg/L	LQC-500.0			2.7	1.3	1.4
		1	mg/L	LQC-500.0		<1			
	Ba	0.1	mg/L	LQC-100.0		<0.1	<0.1	0.1	0.2
	Cd	0.001	mg/L	LQC-0.5				<0.001	<0.001
		0.01	mg/L	LQC-0.5			<0.01		
		0.1	mg/L	LQC-0.5		<0.1			
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	<0.1
	Pb	0.01	mg/L	LQC-5.0			4.05	0.72	0.09
		0.2	mg/L	LQC-5.0		114*			
	Se	0.01	mg/L	LQC-1.0		<0.01	<0.01	<0.01	<0.01
	U	0.01	mg/L	LQC-10.0		<0.01	<0.01	<0.01	<0.01
	Zn	0.1	mg/L				6.1	1.6	0.7
		2	mg/L			85			

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Date Submitted: 2012-10-05
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Project:
COC #: 757140

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	989702 REG 347 LCH 2012-08-30 COMP 45-Q1	989703 REG 347 LCH 2012-08-30 COMP 45-Q8	989704 REG 347 LCH 2012-08-30 COMP 45-R3	989705 REG 347 LCH 2012-08-30 COMP 45-R6
General Chemistry	Moisture	0.1	%			33.9	25.3	35.9	39.1
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
	B	0.1	mg/L	LQC-500.0		0.9	1.8	0.5	1.6
	Ba	0.1	mg/L	LQC-100.0		<0.1	2.2	0.2	<0.1
	Cd	0.001	mg/L	LQC-0.5		<0.001		<0.001	<0.001
		0.01	mg/L	LQC-0.5			<0.01		
	Cr	0.1	mg/L	LQC-5.0		<0.1	<0.1	<0.1	
		0.5	mg/L	LQC-5.0					<0.5
	Pb	0.01	mg/L	LQC-5.0		0.19		0.10	0.34
		1	mg/L	LQC-5.0			6*		
	Se	0.01	mg/L	LQC-1.0		<0.01	<0.01	<0.01	<0.01
	U	0.01	mg/L	LQC-10.0		<0.01	<0.01	<0.01	<0.01
	Zn	0.1	mg/L			0.4		4.3	1.4
		10	mg/L				170		

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Certificate of Analysis

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Report Number: 1221898
Date Submitted: 2012-10-05
Date Reported: 2012-10-15
Project:
COC #: 757140

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	989706 REG 347 LCH 2012-08-30 COMP 96-G31	989707 REG 347 LCH 2012-08-30 COMP 96-G32	989708 REG 347 LCH 2012-08-30 COMP 96-G33	989709 REG 347 LCH 2012-08-30 COMP 96-H32
General Chemistry	Moisture	0.1	%			30.4	28.6	24.2	29.5
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
		0.01	mg/L	LQC-5			<0.01		
	As	0.01	mg/L	LQC-2.5		<0.01		<0.01	<0.01
		0.1	mg/L	LQC-2.5			<0.1		
	B	0.1	mg/L	LQC-500.0		0.6	2.3	0.5	0.5
	Ba	0.1	mg/L	LQC-100.0		0.4	0.2	0.6	0.2
	Cd	0.001	mg/L	LQC-0.5		<0.001	<0.001	<0.001	
		0.1	mg/L	LQC-0.5					<0.1
	Cr	0.1	mg/L	LQC-5.0		<0.1		<0.1	<0.1
		0.5	mg/L	LQC-5.0			<0.5		
	Pb	0.01	mg/L	LQC-5.0		<0.01	0.16	<0.01	<0.01
	Se	0.01	mg/L	LQC-1.0		<0.01		<0.01	<0.01
		0.1	mg/L	LQC-1.0			<0.1		
	U	0.01	mg/L	LQC-10.0		<0.01	<0.01	<0.01	<0.01
	Zn	0.1	mg/L			0.2	0.8	0.4	8.4

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120 Adelaide Street West, Suite 1016
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M5H 1T1
Attention: Mr. Jim Millard
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Invoice to: Baffinland Iron Mines Corporation

Report Number: 1221898
Date Submitted: 2012-10-05
Date Reported: 2012-10-15
Project:
COC #: 757140

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 239680 **Analysis Date** 2012-10-09 **Method** C SM2540B			
Moisture			80-120
Run No 239783 **Analysis Date** 2012-10-10 **Method** EPA 200.8			
Ag	<0.001 mg/L	103	89-111
As	<0.01 mg/L	100	81-119
B	<0.1 mg/L	88	81-119
Ba	<0.1 mg/L	102	91-109
Cd	<0.1 mg/L	100	86-114
Cr	<0.1 mg/L	104	89-111
Pb	<0.01 mg/L	97	89-111
Se	<0.01 mg/L	96	77-123
U	<0.01 mg/L	96	87-113
Zn	<0.1 mg/L	101	89-111
Run No 239785 **Analysis Date** 2012-10-11 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	96	70-130

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Invoice to: Baffinland Iron Mines Corporation

Report Number: 1221898
Date Submitted: 2012-10-05
Date Reported: 2012-10-15
Project:
COC #: 757140

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 239874 **Analysis Date** 2012-10-11 **Method** EPA 200.8			
B	<1 mg/L	93	81-119
Pb	<0.2 mg/L	105	89-111
Zn	<2 mg/L	109	89-111
Run No 239982 **Analysis Date** 2012-10-12 **Method** M SM3112B-3500B			
Hg	<0.0001 mg/L	98	70-130
Run No 240016 **Analysis Date** 2012-10-12 **Method** EPA 200.8			
Pb	<1 mg/L	103	89-111
Zn	<10 mg/L	101	89-111

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EXOVA OTTAWA

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1223554
Date Submitted: 2012-10-26
Date Reported: 2012-11-02
Project:
COC #: 756684

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: _____

Lorna Wilson
Inorganic Laboratory Supervisor

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1223554
Date Submitted: 2012-10-26
Date Reported: 2012-11-02
Project:
COC #: 756684

Group	Analyte	MRL	Units	Guideline	993773 REG 347 LCH 2012-09-02 U12	993774 REG 347 LCH 2012-09-02 U7	993775 REG 347 LCH 2012-09-02 V11	993776 REG 347 LCH 2012-09-02 V13
	Lab I.D. / Sample Matrix / Sample Type / Sampling Date / Sample I.D.							
General Chemistry	Moisture	0.1	%		47.6	65.1	22.2	44.2
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
	B	0.1	mg/L	LQC-500.0	1.6	1.6		1.4
		1	mg/L	LQC-500.0			<1	
	Ba	0.1	mg/L	LQC-100.0	1.8	0.1	0.8	1.4
	Cd	0.001	mg/L	LQC-0.5	<0.001	<0.001		
		0.5	mg/L	LQC-0.5			<0.5	<0.5
	Cr	0.01	mg/L	LQC-5.0	<0.01	0.01	<0.01	0.02
	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	<0.01	<0.01	
		0.1	mg/L	LQC-1.0				<0.1
	U	0.01	mg/L	LQC-10.0	<0.01	<0.01	<0.01	<0.01
	Zn	0.1	mg/L		7.6		9.6	1.4
		1	mg/L			18		

Guideline = REG 558 *** = Guideline Exceedence**
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Attention: Mr. Jim Millard
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Invoice to: Baffinland Iron Mines Corporation

Report Number: 1223554
Date Submitted: 2012-10-26
Date Reported: 2012-11-02
Project:
COC #: 756684

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 240833 **Analysis Date** 2012-10-29 **Method** C SM2540B			
Moisture			80-120
Run No 240899 **Analysis Date** 2012-10-30 **Method** C SM2540B			
Moisture			80-120
Run No 240924 **Analysis Date** 2012-10-30 **Method** M SM3112B-3500B			
Hg	<0.0001 mg/L	96	70-130
Run No 240982 **Analysis Date** 2012-10-30 **Method** EPA 200.8			
Ag	<0.001 mg/L	106	89-111
As	<0.01 mg/L	106	81-119
B	<0.1 mg/L	97	81-119
Ba	<0.1 mg/L	104	91-109
Cd	<0.001 mg/L	102	86-114
Cr	<0.01 mg/L	102	89-111
Pb	<0.01 mg/L	100	89-111
Se	<0.01 mg/L	100	77-123

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Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1223554
Date Submitted: 2012-10-26
Date Reported: 2012-11-02
Project:
COC #: 756684

QC Summary

Analyte	Blank	QC % Rec	QC Limits
U	<0.01 mg/L	104	87-113
Zn	<0.1 mg/L	96	89-111
Run No 241026 **Analysis Date** 2012-10-31 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	97	70-130
Run No 241104 **Analysis Date** 2012-11-01 **Method** EPA 200.8			
Ag	<0.001 mg/L	101	89-111
As	<0.01 mg/L	98	81-119
B	<0.1 mg/L	93	81-119
Ba	<0.1 mg/L	100	91-109
Cd	<0.5 mg/L	98	86-114
Cr	<0.01 mg/L	97	89-111
Pb	<0.01 mg/L	103	89-111
Se	<0.1 mg/L	88	77-123
U	<0.01 mg/L	90	87-113
Zn	<1 mg/L	93	89-111

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.

EXOVA OTTAWA

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1227199
Date Submitted: 2012-12-15
Date Reported: 2012-12-18
Project:
COC #: 759067

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: _____

Lorna Wilson
Inorganic Laboratory Supervisor

Certificate of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1227199
Date Submitted: 2012-12-15
Date Reported: 2012-12-18
Project:
COC #: 759067

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1003915 REG 347 LCH 2012-08-30 MI-A4	1003916 REG 347 LCH 2012-08-30 MI-B1	1003917 REG 347 LCH 2012-08-30 MI-B4	1003918 REG 347 LCH 2012-08-30 MI-C3
General Chemistry	Moisture	0.1	%			22.8	44.1	36.4	17.5
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
		0.1	mg/L	LQC-2.5			<0.1	<0.1	
	B	0.1	mg/L	LQC-500.0		1.0	1.5	2.8	2.5
	Ba	0.1	mg/L	LQC-100.0		<0.1	0.9	<0.1	<0.1
	Cd	0.001	mg/L	LQC-0.5		<0.001	0.044	<0.001	<0.001
	Cr	0.05	mg/L	LQC-5.0		<0.05	<0.05		
		0.1	mg/L	LQC-5.0					<0.1
		2	mg/L	LQC-5.0				<2	
	Pb	0.01	mg/L	LQC-5.0		<0.01	0.04	<0.01	<0.01
	Se	0.01	mg/L	LQC-1.0		<0.01			<0.01
		0.1	mg/L	LQC-1.0			<0.1	<0.1	
	U	0.01	mg/L	LQC-10.0		<0.01	<0.01	<0.01	<0.01
	Zn	0.1	mg/L			0.3		0.5	0.1
		1	mg/L				21		

Guideline = REG 558 *** = Guideline Exceedence**
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Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard
PO#:
Invoice to: Baffinland Iron Mines Corporation

Report Number: 1227199
Date Submitted: 2012-12-15
Date Reported: 2012-12-18
Project:
COC #: 759067

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 243809 **Analysis Date** 2012-12-17 **Method** C SM2540B			
Moisture			80-120
Run No 243868 **Analysis Date** 2012-12-18 **Method** M SM3112B-3500B			
Hg	<0.001 mg/L	100	70-130
Run No 243869 **Analysis Date** 2012-12-18 **Method** EPA 200.8			
Ag	<0.001 mg/L	102	89-111
As	<0.01 mg/L	95	81-119
B	<0.1 mg/L	93	81-119
Ba	<0.1 mg/L	102	91-109
Cd	<0.001 mg/L	100	86-114
Cr	<0.05 mg/L	101	89-111
Pb	<0.01 mg/L	96	89-111
Se	<0.01 mg/L	112	77-123
U	<0.01 mg/L	96	87-113
Zn	<0.1 mg/L	97	89-111

Guideline = REG 558 *** = Guideline Exceedence**
** = Analysis completed at Mississauga, Ontario.
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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.

Certificate of Analysis

Client:	Baffinland Iron Mines Corporation 120 Adelaide Street West, Suite 1016 Toronto, ON M5H 1T1
Attention:	Mr. Jim Millard
PO#:	
Invoice to:	Baffinland Iron Mines Corporation

Report Number:	1227199
Date Submitted:	2012-12-15
Date Reported:	2012-12-18
Project:	
COC #:	759067

Guideline = REG 558 *** = Guideline Exceedence**

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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.

APPENDIX C
2010 SAMPLING PROGRAM

19-Aug-12

RE: 2010 Incinerator Ash Sampling

Incinerator ash was sampled from random drums early August 2010. A small amount of ash was collected from each of 39 drums. These samples were sent to our external laboratory for analysis. It was decided to have the lab create composite samples and analyze those (see below) Page 2 contains the synopsis of the results, with the external lab results on pages 3 thru 12. The location of the individual drums is outlined on page 13, and photos are located on pages 14 & 15.

2010 Mary River Ash Sampling

Pail #1

IA-06/07-1	IA-06/07-Comp1
IA-06/07-2	
IA-06/07-3	
IA-06/07-4	IA-06/07-Comp-2
IA-06/07-5	
IA-06/07-6	
IA-2010-1	IA-2010-Comp10
IA-2010-2	
IA-2010-3	
IA-2010-4	IA-2010-Comp11
IA-2010-5	
IA-2010-6	
IA02010-7	

Pail #2

IA-08/09-1	IA-08/09-Comp3
IA-08/09-2	
IA-08/09-3	
IA-08/09-4	
IA-08/09-5	IA-08/09-Comp4
IA-08/09-6	
IA-08/09-7	
IA-08/09-8	

Pail #3

IA-08/09-9	IA-08/09-Comp5
IA-08/09-10	
IA-08/09-11	
IA-08/09-12	
IA-08/09-13	IA-08/09-Comp6
IA-08/09-14	
IA-08/09-15	
IA-08/09-16	

Pail #4

IA-08/09-17	IA-08/09-Comp7
IA-08/09-18	
IA-08/09-19	
IA-08/09-20	
IA-08/09-21	IA-08/09-Comp8
IA-08/09-22	
IA-08/09-23	
IA-08/09-24	IA-08/09-Comp9
IA-08/09-25	
IA-08/09-26	

Baffinland Iron Mines Corporation

Mary River Ash Sampling Program
2010

PARAMETER	CONCENTRATION STANDARD (mg/L) As per Schedule IV of ENVIRONMENTAL GUIDELINE FOR Industrial waste discharges	Sample ID									
		IA - 06/07		IA - 08/09						IA - 2010	
		Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Comp 7	Comp 8	Comp 9	Comp 10
Arsenic	2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Barium	100	<1	<1	<1	2	<1	<1	<1	<1	3	<1
Cadmium	0.5	0.3	0.03	**0.89**	<0.01	0.03	<0.01	0.04	0.14	0.07	0.11
Chromium	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Lead	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.3	<0.1
Mercury	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Silver	5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	500	15	13	48	3	11	144	29	25	8	8

Sample was extracted as per MOE Regulation 558 TCLP Leachate Extraction Procedure

Report of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard

Report Number: 1023503
Date Reported: 2010-10-05
Date Submitted: 2010-09-28
Project:

Matrix Ash

LAB Sample #: 831901 Client Sample ID: IA - 06/07 - Comp 1

Analytes on sample as received

Parameter	Result	MRL	UNIT
Moisture	15.5	0.1	%

Metals in TCLP Leachate Extract

Parameter	Result	MRL	UNIT	LQC
Arsenic	<0.5	0.5	mg/L	
Barium	<1	1	mg/L	
Cadmium	0.30	0.01	mg/L	
Chromium	<0.5	0.5	mg/L	
Lead	<0.1	0.1	mg/L	
Mercury	<0.001	0.001	mg/L	
Selenium	<0.1	0.1	mg/L	
Silver	<0.01	0.01	mg/L	
Zinc	15	1	mg/L	

Sample was extracted as per MOE Regulation 558 TCLP Leachate Extraction Procedure

Sample Comment:

APPROVAL: _____

Ewan McRobbie
Inorganic Laboratory Supervisor

MRL = Minimum Reporting Limit LQC = Leachate Quality Criteria (REG 558 Schedule 4) FPC = Flash Point Critical temperature

TEQ = Toxic Equivalent

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1

Attention: Mr. Jim Millard

Report Number: 1023503
Date Reported: 2010-10-05
Date Submitted: 2010-09-28
Project:

Matrix Ash

LAB Sample #: 831902 Client Sample ID: IA - 06/07 - Comp 2

Analytes on sample as received

Parameter	Result	MRL	UNIT
Moisture	23.6	0.1	%

Metals in TCLP Leachate Extract

Parameter	Result	MRL	UNIT	LQC
Arsenic	<0.5	0.5	mg/L	
Barium	<1	1	mg/L	
Cadmium	0.03	0.01	mg/L	
Chromium	<0.5	0.5	mg/L	
Lead	<0.1	0.1	mg/L	
Mercury	<0.001	0.001	mg/L	
Selenium	<0.1	0.1	mg/L	
Silver	<0.01	0.01	mg/L	
Zinc	13	1	mg/L	

Sample was extracted as per MOE Regulation 558 TCLP Leachate Extraction Procedure

Sample Comment:

APPROVAL: _____

Ewan McRobbie
Inorganic Laboratory Supervisor

MRL = Minimum Reporting Limit LQC = Leachate Quality Criteria (REG 558 Schedule 4) FPC = Flash Point Critical temperature

TEQ = Toxic Equivalent

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

Report of Analysis

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard

Report Number: 1023503
Date Reported: 2010-10-05
Date Submitted: 2010-09-28
Project:

Matrix Ash

LAB Sample #: 831903 Client Sample ID: IA - 08/09 - Comp 3

Analytes on sample as received

Parameter	Result	MRL	UNIT
Moisture	37.8	0.1	%

Metals in TCLP Leachate Extract

Parameter	Result	MRL	UNIT	LQC
Arsenic	<0.5	0.5	mg/L	
Barium	<1	1	mg/L	
Cadmium	0.89	0.01	mg/L	
Chromium	<0.5	0.5	mg/L	
Lead	<0.1	0.1	mg/L	
Mercury	<0.001	0.001	mg/L	
Selenium	<0.1	0.1	mg/L	
Silver	<0.01	0.01	mg/L	
Zinc	48	1	mg/L	

Sample was extracted as per MOE Regulation 558 TCLP Leachate Extraction Procedure

Sample Comment:

APPROVAL: _____

Ewan McRobbie
Inorganic Laboratory Supervisor

MRL = Minimum Reporting Limit LQC = Leachate Quality Criteria (REG 558 Schedule 4) FPC = Flash Point Critical temperature

TEQ = Toxic Equivalent

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard

Report Number: 1023503
Date Reported: 2010-10-05
Date Submitted: 2010-09-28
Project:

Matrix Ash

LAB Sample #: 831904 Client Sample ID: IA - 08/09 - Comp 4

Analytes on sample as received

Parameter	Result	MRL	UNIT
Moisture	28.0	0.1	%

Metals in TCLP Leachate Extract

Parameter	Result	MRL	UNIT	LQC
Arsenic	<0.5	0.5	mg/L	
Barium	2	1	mg/L	
Cadmium	<0.01	0.01	mg/L	
Chromium	<0.5	0.5	mg/L	
Lead	<0.1	0.1	mg/L	
Mercury	<0.001	0.001	mg/L	
Selenium	<0.1	0.1	mg/L	
Silver	<0.01	0.01	mg/L	
Zinc	3	1	mg/L	

Sample was extracted as per MOE Regulation 558 TCLP Leachate Extraction Procedure

Sample Comment:

APPROVAL: _____

Ewan McRobbie
Inorganic Laboratory Supervisor

MRL = Minimum Reporting Limit LQC = Leachate Quality Criteria (REG 558 Schedule 4) FPC = Flash Point Critical temperature

TEQ = Toxic Equivalent

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1

Attention: Mr. Jim Millard

Report Number: 1023503
Date Reported: 2010-10-05
Date Submitted: 2010-09-28
Project:

Matrix Ash

LAB Sample #: 831905 Client Sample ID: IA - 08/09 - Comp 5

Analytes on sample as received

Parameter	Result	MRL	UNIT
Moisture	35.3	0.1	%

Metals in TCLP Leachate Extract

Parameter	Result	MRL	UNIT	LQC
Arsenic	<0.5	0.5	mg/L	
Barium	<1	1	mg/L	
Cadmium	0.03	0.01	mg/L	
Chromium	<0.5	0.5	mg/L	
Lead	<0.1	0.1	mg/L	
Mercury	<0.001	0.001	mg/L	
Selenium	<0.1	0.1	mg/L	
Silver	<0.01	0.01	mg/L	
Zinc	11	1	mg/L	

Sample was extracted as per MOE Regulation 558 TCLP Leachate Extraction Procedure

Sample Comment:

APPROVAL: _____

Ewan McRobbie
Inorganic Laboratory Supervisor

MRL = Minimum Reporting Limit LQC = Leachate Quality Criteria (REG 558 Schedule 4) FPC = Flash Point Critical temperature

TEQ = Toxic Equivalent

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1

Attention: Mr. Jim Millard

Report Number: 1023503
Date Reported: 2010-10-05
Date Submitted: 2010-09-28
Project:

Matrix Ash

LAB Sample #: 831906 Client Sample ID: IA - 08/09 - Comp 6

Analytes on sample as received

Parameter	Result	MRL	UNIT
Moisture	22.6	0.1	%

Metals in TCLP Leachate Extract

Parameter	Result	MRL	UNIT	LQC
Arsenic	<0.5	0.5	mg/L	
Barium	<1	1	mg/L	
Cadmium	<0.01	0.01	mg/L	
Chromium	<0.5	0.5	mg/L	
Lead	<0.1	0.1	mg/L	
Mercury	<0.001	0.001	mg/L	
Selenium	<0.1	0.1	mg/L	
Silver	<0.01	0.01	mg/L	
Zinc	144	10	mg/L	

Sample was extracted as per MOE Regulation 558 TCLP Leachate Extraction Procedure

Sample Comment:

APPROVAL: _____

Ewan McRobbie
Inorganic Laboratory Supervisor

MRL = Minimum Reporting Limit LQC = Leachate Quality Criteria (REG 558 Schedule 4) FPC = Flash Point Critical temperature

TEQ = Toxic Equivalent

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1

Attention: Mr. Jim Millard

Report Number: 1023503
Date Reported: 2010-10-05
Date Submitted: 2010-09-28
Project:

Matrix Ash

LAB Sample #: 831907 Client Sample ID: IA - 08/09 - Comp 7

Analytes on sample as received

Parameter	Result	MRL	UNIT
Moisture	28.9	0.1	%

Metals in TCLP Leachate Extract

Parameter	Result	MRL	UNIT	LQC
Arsenic	<0.5	0.5	mg/L	
Barium	<1	1	mg/L	
Cadmium	0.04	0.01	mg/L	
Chromium	<0.5	0.5	mg/L	
Lead	<0.1	0.1	mg/L	
Mercury	<0.001	0.001	mg/L	
Selenium	<0.1	0.1	mg/L	
Silver	<0.01	0.01	mg/L	
Zinc	29	1	mg/L	

Sample was extracted as per MOE Regulation 558 TCLP Leachate Extraction Procedure

Sample Comment:

APPROVAL: _____

Ewan McRobbie
Inorganic Laboratory Supervisor

MRL = Minimum Reporting Limit LQC = Leachate Quality Criteria (REG 558 Schedule 4) FPC = Flash Point Critical temperature

TEQ = Toxic Equivalent

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1
Attention: Mr. Jim Millard

Report Number: 1023503
Date Reported: 2010-10-05
Date Submitted: 2010-09-28
Project:

Matrix Ash

LAB Sample #: 831908 Client Sample ID: IA - 08/09 - Comp 8

Analytes on sample as received

Parameter	Result	MRL	UNIT
Moisture	30.4	0.1	%

Metals in TCLP Leachate Extract

Parameter	Result	MRL	UNIT	LQC
Arsenic	<0.5	0.5	mg/L	
Barium	<1	1	mg/L	
Cadmium	0.14	0.01	mg/L	
Chromium	<0.5	0.5	mg/L	
Lead	<0.1	0.1	mg/L	
Mercury	<0.001	0.001	mg/L	
Selenium	<0.1	0.1	mg/L	
Silver	<0.01	0.01	mg/L	
Zinc	25	1	mg/L	

Sample was extracted as per MOE Regulation 558 TCLP Leachate Extraction Procedure

Sample Comment:

APPROVAL: _____

Ewan McRobbie
Inorganic Laboratory Supervisor

MRL = Minimum Reporting Limit LQC = Leachate Quality Criteria (REG 558 Schedule 4) FPC = Flash Point Critical temperature

TEQ = Toxic Equivalent

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1

Attention: Mr. Jim Millard

Report Number: 1023503
Date Reported: 2010-10-05
Date Submitted: 2010-09-28
Project:

Matrix Ash

LAB Sample #: 831909 Client Sample ID: IA - 2010 - Comp 9

Analytes on sample as received

Parameter	Result	MRL	UNIT
Moisture	19.4	0.1	%

Metals in TCLP Leachate Extract

Parameter	Result	MRL	UNIT	LQC
Arsenic	<0.5	0.5	mg/L	
Barium	3	1	mg/L	
Cadmium	0.07	0.01	mg/L	
Chromium	<0.5	0.5	mg/L	
Lead	0.3	0.1	mg/L	
Mercury	<0.001	0.001	mg/L	
Selenium	<0.1	0.1	mg/L	
Silver	<0.01	0.01	mg/L	
Zinc	8	1	mg/L	

Sample was extracted as per MOE Regulation 558 TCLP Leachate Extraction Procedure

Sample Comment:

APPROVAL: _____

Ewan McRobbie
Inorganic Laboratory Supervisor

MRL = Minimum Reporting Limit LQC = Leachate Quality Criteria (REG 558 Schedule 4) FPC = Flash Point Critical temperature

TEQ = Toxic Equivalent

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

Client: Baffinland Iron Mines Corporation
120 Adelaide Street West, Suite 1016
Toronto, ON
M5H 1T1

Attention: Mr. Jim Millard

Report Number: 1023503
Date Reported: 2010-10-05
Date Submitted: 2010-09-28
Project:

Matrix Ash

LAB Sample #: 831910 Client Sample ID: IA - 2010 - Comp 10

Analytes on sample as received

Parameter	Result	MRL	UNIT
Moisture	16.5	0.1	%

Metals in TCLP Leachate Extract

Parameter	Result	MRL	UNIT	LQC
Arsenic	<0.5	0.5	mg/L	
Barium	<1	1	mg/L	
Cadmium	0.11	0.01	mg/L	
Chromium	<0.5	0.5	mg/L	
Lead	<0.1	0.1	mg/L	
Mercury	<0.001	0.001	mg/L	
Selenium	<0.1	0.1	mg/L	
Silver	<0.01	0.01	mg/L	
Zinc	8	1	mg/L	

Sample was extracted as per MOE Regulation 558 TCLP Leachate Extraction Procedure

Sample Comment:

APPROVAL: _____

Ewan McRobbie
Inorganic Laboratory Supervisor

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TEQ = Toxic Equivalent

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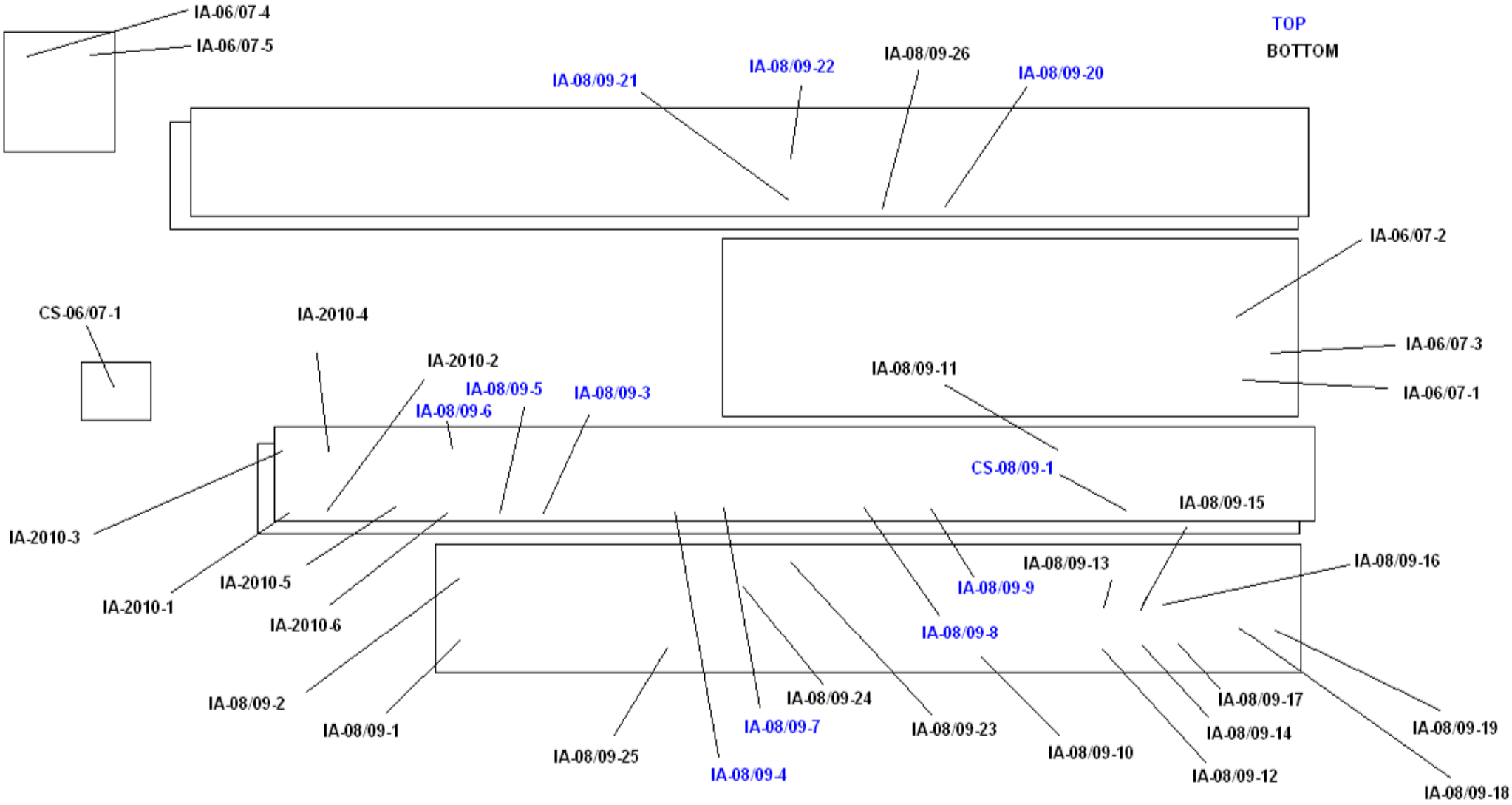
Methods references and/or additional QA/QC information available on request.


IA-06/07-4
IA-06/07-5
TOP
BOTTOM
IA-08/09-21
IA-08/09-22
IA-08/09-26
IA-08/09-20
IA-06/07-2
CS-06/07-1
IA-2010-4
IA-2010-2
IA-08/09-5
IA-08/09-3
IA-08/09-6
IA-08/09-11
IA-06/07-3
IA-06/07-1
CS-08/09-1
IA-08/09-15
IA-2010-3
IA-08/09-13
IA-08/09-16
IA-2010-1
IA-2010-5
IA-08/09-9
IA-2010-6
IA-08/09-8
IA-08/09-2
IA-08/09-24
IA-08/09-17
IA-08/09-1
IA-08/09-7
IA-08/09-23
IA-08/09-14
IA-08/09-19
IA-08/09-25
IA-08/09-10
IA-08/09-4
IA-08/09-12
IA-08/09-18

Incinerator Ash Drums (south-west view)

Looking south-east

Close-up looking SE

Looking north west

Close up of barrels IA-2010-3 & 4

Location of IA-08/09-6

Close up of IA-08/09-21

Looking north-west

Close-up of IA-2010-6

IA-2010-6

Looking north-west

APPENDIX D
EBA'S GENERAL CONDITIONS

GENERAL CONDITIONS

GEO-ENVIRONMENTAL REPORT

This report incorporates and is subject to these “General Conditions”.

1.0 USE OF REPORT AND OWNERSHIP

This report pertains to a specific site, a specific development, and a specific scope of work. It is not applicable to any other sites, nor should it be relied upon for types of development other than those to which it refers. Any variation from the site or proposed development would necessitate a supplementary investigation and assessment.

This report and the assessments and recommendations contained in it are intended for the sole use of EBA’s client. EBA does not accept any responsibility for the accuracy of any of the data, the analysis or the recommendations contained or referenced in the report when the report is used or relied upon by any party other than EBA’s Client unless otherwise authorized in writing by EBA. Any unauthorized use of the report is at the sole risk of the user.

This report is subject to copyright and shall not be reproduced either wholly or in part without the prior, written permission of EBA. Additional copies of the report, if required, may be obtained upon request.

2.0 ALTERNATE REPORT FORMAT

Where EBA submits both electronic file and hard copy versions of reports, drawings and other project-related documents and deliverables (collectively termed EBA’s instruments of professional service), only the signed and/or sealed versions shall be considered final and legally binding. The original signed and/or sealed version archived by EBA shall be deemed to be the original for the Project.

Both electronic file and hard copy versions of EBA’s instruments of professional service shall not, under any circumstances, no matter who owns or uses them, be altered by any party except EBA. The Client warrants that EBA’s instruments of professional service will be used only and exactly as submitted by EBA.

Electronic files submitted by EBA have been prepared and submitted using specific software and hardware systems. EBA makes no representation about the compatibility of these files with the Client’s current or future software and hardware systems.

3.0 NOTIFICATION OF AUTHORITIES

In certain instances, the discovery of hazardous substances or conditions and materials may require that regulatory agencies and other persons be informed and the client agrees that notification to such bodies or persons as required may be done by EBA in its reasonably exercised discretion.

4.0 INFORMATION PROVIDED TO EBA BY OTHERS

During the performance of the work and the preparation of the report, EBA may rely on information provided by persons other than the Client. While EBA endeavours to verify the accuracy of such information when instructed to do so by the Client, EBA accepts no responsibility for the accuracy or the reliability of such information which may affect the report.