June 3, 2008

Ms. Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, Nunavut X0B 1J0

Re: Mary River Project
NWB License 2BB-MRY0710
Field Geotechnical Drilling Program

Ms. Beaulieu,

In February 2008, Baffinland Iron Mines Corporation (Baffinland) provided a notice of commencement for its 2008 geotechnical drilling program. Included in the February submission was information specific to the winter portion of the 2008 program. It was noted at that time that further details regarding the open water portion of the 2008 drilling season would be submitted at a later date. The purpose of this submission is to provide these details.

As was the case with the winter portion of the drilling program, specific requirements of the above noted license relating to the planning of the program include:

- ***Part C, Items 3 and 4***, which state that streams can not be used as water sources and that water use volumes can't be used such that draw down of the water source occurs;

- ***Part F, Item 1*** which states that the Licensee shall not conduct any land based drilling within 30 metres of the ordinary high mark of any water body unless approved by the Board;

- ***Part F, Item 2*** which states that for the purpose of geotechnical investigations, drilling can be conducted within 30 metres of the high water mark of any water body, provided that the activities are consistent with the license and that a request has been submitted and received by the NWB at least ten (10) days in advance. The submission must include maps and GPS coordinates of proposed drilling activities along with planned mitigation measures;

- ***Part F, Item 4*** which states that drill wastes will be disposed to a sump or natural depression located at least 30 metres away from the high water mark of any adjacent water bodies;

- ***Part I, Item 17*** which requires submission of GPS locations of all water sources, prior to utilization.

The embedded link, ftp://NWB:wu95hzin@ftp.knightpiesold.com/NWB, is to a series of tables and figures summarizing open water season drillhole locations as currently planned. Included in these tables for the information of the NWB and the Inspector is the location of planned water sources for drilling in accordance with Part I, Item 17. The exact number and locations of drillholes are subject to adjustment based on the information obtained through the course of this program.

In accordance with the intent of Part F, Item 1, planned drillholes for the open water season have been planned, to the extent possible, at locations greater than 30 metres away from the ordinary high water mark of any adjacent water body. There are currently thirty-eight (38) drillholes planned at locations closer than 30 metres from the high water mark of adjacent waters. Mitigating measures as required under Part F, Item 2 are provided in the attached drilling standard.

Water sources to support drilling operations have been selected in concordance with Part C, Items 3 and 4 of the water license. Streams have not been selected as water sources and a desktop threshold of 5% maximum water withdrawal has been used to guide water source selection. The location of water sources is provided in the tables and figures referenced above.

Should you have any comments or concerns, please do not hesitate to contact the undersigned.

Best Regards,

Baffinland Iron Mines Corporation

Derek Chubb
VP, Sustainable Development

Cc: Andrew Keim, Water Resources Officer

Attachment

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Part F, Item 2 - Proposed Mitigation Measures

The following is a summary of the mitigation measures planned to be in place prior to, during and following drilling, as required, to protect waters. This information is primarily required for drillholes which will be situated within 30 m of the ordinary high water mark however similar measures will be taken for all drillholes.

Prior to Drilling Operations

The following mitigation measures will be taken at each drillhole location, prior to drilling operations:

- Any disturbance to the ground surface when setting up the drill area will be minimized as much as practical.
- Once the drill is in place, a temporary sump will be established adjacent to the drill to collect "dirty" drill water and cuttings. This sump may be, but not limited to, a natural depression, a pre-fabricated sump or may be constructed using other materials present on site.
- A sediment disposal location will be identified or established at least 30 m away from the ordinary high water mark and preferably such that any flow toward a surface water body or water coarse is minimized. "Dirty" drill water and cuttings will be relocated to here from the sump.
- Sediment and erosion control measures will be implemented to minimize spillage of sediment and prevent entry of sediment into water. Sediment and erosion control measures may consist of silt fences or diversion/collection channels or berms.
- As a minimum silt fences, diversion channels or berms will be installed downstream of drill rigs if required to contain sediment within the drill water runoff.

During Drilling Operations

The following mitigation measures will be taken at each drillhole location, during drilling operations:

Drill Operations and Movements

- The drilling area will be kept clean and tidy at all times. No littering is permitted - all waste will be collected and packed for disposal at camp.
- No material will be stored on the banks immediately adjacent to streams or lakes, unless that material will be used immediately.
- Operations will be carried out so as to minimize surface disturbance.
- Overland transportation for transport of workers will be minimized due to the potential for ground disturbance.
- Surface vehicles will not be used to move drill rigs or other equipment, without prior authorization of the Environmental Superintendent. The use of any vehicles off approved routes is prohibited.
- Equipment or vehicles will not be moved unless the ground surface is in a state capable of fully supporting the equipment or vehicles without rutting or gouging.
- Fuel will be transported in fuel drums or double walled day tanks. Drip pans will be used under tanks to prevent fuel contamination.
- Emergency spill response equipment (i.e. a spill kit) will be kept with each drill. Spill kits contain the appropriate type, size and quantity of equipment for the volume and type of product present at the storage location as well as the environment likely to be affected by a spill (i.e. ground, lake river, ocean).
- Daily inspections will be carried out for fuel leaks, equipment condition, sediment and erosion control, water intakes and water management. Any leaks will be repaired immediately.

- Drill rigs will be equipped with oil absorbent materials in the event of leaks, releases and spills.
- No streams will be obstructed.
- Sediment and erosion control measures will be maintained during the drilling operation to prevent entry of sediment into water. No erosion is to be caused to the banks of any body of water. Additional erosion control structures may be installed as the land use operation progresses.

Water Use

- Streams will not be used as a water source unless authorized and approved by the Nunavut Water Board.
- Water sources will be visually monitored to confirm that drawdown is not occurring.
- DFO approved screens will be placed over the intake hoses. The pumping rate will be kept sufficiently low to ensure that fish do not become entrained (drawn against the screen) and that water is withdrawn at a rate that fish do not become impinged on the screen.
- No natural materials will be removed below the high water mark of any water source.

Drill Water and Runoff

- Drill water will be contained and recirculated to the fullest extent practicable to prevent it from running into watercourses. Drill water will be disposed of into a properly constructed sump, or a naturally occurring contained depression. Deleterious substances will not be disposed of into any water body.
- Portable containment sumps (e.g. bins) will be used for drill water and cuttings where containment in the ground is impractical.
- Dirty drill water and cuttings will be relocated to the sediment disposal location established >30 m away from the ordinary high water mark of adjacent water bodies.
- The footprint of any drill water and cuttings spillage will be minimized by means of berms and/or other means of containment.
- Drilling waste will not be allowed to spread to the surrounding lands or water bodies; the footprint of any spillage will be minimized to the greatest degree practicable.
- If artesian flow is encountered, drillholes shall be immediately plugged and permanently sealed to prevent induced contamination of groundwater or salinization of surface waters. The artesian occurrence will be reported within 48 hr to the Engineer. All artesian flows, including location (GPS NAD83), will be reported in the annual report to the Project Manager for subsequent reporting to the Nunavut Water Board.

Following Drilling Operations

The following mitigation measures will be taken at each drillhole location, after drilling operations have ceased:

- If there is a spillage of dirty drill water and cuttings at locations within 30 m of a water body, periodic monitoring of the drill site will be conducted and a clean-up crew may be mobilized to the drill site at the direction of the Baffinland Project Manager and Environmental Superintendant.
- No materials (i.e. debris, drill cuttings) will be left within 30 m of the high water mark when there is potential for that material to enter the water.
- All drillholes will be plugged upon completion, and where possible drill cuttings at surface returned to the drillhole at all land-based drilling locations.
- All constructed drill sumps will be restored to the natural surrounding contours of the land upon completion of drilling.
- All other disturbed areas will be contoured and stabilized upon completion of work and restored to a predisturbed state as much as practical.

- Upon completion of a hole in rock, the casing will be removed. If the casing cannot be removed it will be cut off to be flush with surface and backfilled.
- All non-combustible garbage and debris will be removed from the land use area to an approved disposal site.
- Return all combustible waste and petroleum products to camp for proper management.

TABLE 1

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2008 GEOTECHNICAL INVESTIGATIONS

PROPOSED DRILLHOLE LOCATIONS - SUMMER DRILLHOLES MORE THAN 30 M FROM HIGH WATER MARK

Drillhole Number	Northing (m)	Easting (m)	Chainages (km+mmm)	Approximate Chainage (km)	Offset (m)	Drillhole Purpose	Instrumentation	Related Water Source	Water Source Northing (Estimated) (m)	Water Source Easting (Estimated) (m)	Estimated Water Source Area [6] (m^2)	Estimated Water Source Depth (m)	Estimated Water Source Volume [7] (m^3)	Estimated Water Volume Available for Drilling [8] (m^3)
RAIL ALIGNMENT (294 drillholes)														
BH2-2007-03	7,911,285.34	563,851.73	0+304.46	0.30	-17	Alignment		SW-1	7,910,800	563,850	48,952	3.5	146,294	7,315
BH2-2007-04	7,910,486.84	564,797.89	1+575.99	1.58	-34	Alignment		SW-2	7,910,210	565,020	483,488	3.5	1,613,523	80,676
BH2-2007-05	7,910,263.46	565,425.54	2+212.86	2.21	-102	Alignment	Thermistor	SW-2	7,910,210	565,020	483,488	3.5	1,613,523	80,676
BH2-2007-07	7,909,390.03	566,513.83	3+630.78	3.63	-15	Alignment		SW-3	7,909,250	566,200	483,488	4.0	1,831,180	91,559
BH2-2007-08	7,908,316.28	567,848.95	5+353.48	5.35	-29	Alignment		SW-4	7,908,190	567,650	129,933	4.0	466,456	23,323
BH2-2007-09	7,907,769.73	568,895.32	6+533.91	6.53	-9	Alignment		SW-5	7,907,270	568,680	17,561	3.5	46,468	2,323
BH2-2007-10	7,907,661.60	569,059.90	6+730.31	6.73	-17	Alignment		SW-5	7,907,270	568,680	17,561	3.5	46,468	2,323
BH2-2007-11	7,907,371.92	569,500.41	7+261.61	7.26	-35	Alignment	Thermistor	SW-6	7,907,110	569,190	9,168	3.5	21,254	1,063
BH2-2007-13	7,906,417.17	570,945.35	8+992.07	8.99	0	Alignment		SW-8	7,906,110	570,480	3,138	2.5	4,610	231
BH2-2007-14	7,905,972.70	571,484.13	9+690.19	9.69	-20	Alignment		SW-8	7,906,110	570,480	3,138	2.5	4,610	231
BH2-2007-15	7,905,702.99	571,824.86	10+130.54	10.13	-55	Alignment		SW-9	7,904,580	571,400	22,906	3.5	63,044	3,152
BH2-2007-16	7,905,538.23	572,090.55	10+452.23	10.45	-43	Alignment		SW-9	7,904,580	571,400	22,906	3.5	63,044	3,152
BH2-2007-17	7,905,143.15	572,774.15	11+233.83	11.23	-59	Alignment		SW-10	7,904,230	573,210	123,157	5.0	534,742	26,737
BH2-2007-18	7,905,037.50	572,948.24	11+450.45	11.45	-71	Alignment		SW-10	7,904,230	573,210	123,157	5.0	534,742	26,737
BH2-2007-20	7,904,710.06	573,630.31	12+209.60	12.21	60	Alignment		SW-10	7,904,230	573,210	123,157	5.0	534,742	26,737
BH2-2007-23	7,903,963.77	575,285.76	14+043.42	14.04	17	Alignment	Thermistor	SW-11	7,903,600	575,600	24,024	2.5	51,112	2,556
BH2-2007-24	7,903,744.07	575,730.14	14+540.45	14.54	-6	Alignment		SW-11	7,903,600	575,600	24,024	2.5	51,112	2,556
BH2-2007-25	7,903,697.49	575,874.57	14+690.25	14.69	-40	Alignment		SW-12	7,903,500	575,950	12,023	3.0	26,953	1,348
BH2-2007-26	7,903,502.63	576,263.56	15+129.24	15.13	-1	Alignment		SW-12	7,903,500	575,950	12,023	3.0	26,953	1,348
BH2-2007-27	7,903,016.26	577,376.79	16+346.99	16.35	0	Alignment		SW-14	7,903,100	577,400	2,529	2.5	3,419	171
BH2-2007-28	7,902,794.25	577,791.75	16+817.67	16.82	0	Alignment		SW-15	7,902,625	578,000	17,419	2.5	35,928	1,796
BH2-2007-29	7,902,493.28	578,339.51	17+442.67	17.44	0	Alignment		SW-15	7,902,625	578,000	17,419	2.5	35,928	1,796
BH2-2007-30	7,902,348.70	578,602.38	17+742.67	17.74	0	Alignment		SW-15	7,902,380	578,740	1,656	3.0	1,585	79
BH2-2007-31	7,902,016.81	579,326.74	18+542.20	18.54	1	Alignment		SW-18	7,901,600	579,750	142,453	3.0	395,979	19,799
BH2-2007-32	7,901,946.25	579,622.80	18+844.84	18.84	23	Alignment		SW-18	7,901,600	579,750	142,453	3.0	395,979	19,799
BH2-2007-35	7,901,794.86	580,352.62	19+580.11	19.58	-92	Alignment		SW-18	7,901,600	579,750	142,453	3.0	395,979	19,799
BH2-2007-36	7,901,740.45	580,547.06	19+848.88	19.85	-100	Alignment	Thermistor	SW-19	7,901,590	580,610	5,820	3.5	11,737	587
BH2-2007-40	7,900,681.10	583,777.96	23+248.14	23.25	37	Alignment		SW-21	7,900,200	583,290	2,427	2.0	3,034	152
BH2-2007-42	7,900,439.96	584,706.24	24+206.87	24.21	-22	Alignment		SW-23	7,900,470	584,860	6,069	3.0	11,730	587
BH2-2007-45	7,899,212.75	586,419.11	26+338.98	26.34	-78	Alignment		SW-27	7,899,025	586,325	9,396	3.0	20,130	1,006
BH2-2007-48	7,897,657.28	587,828.11	28+467.45	28.47	30	Alignment		SW-29	7,897,475	588,300	8,354	3.0	17,464	873
BH3-2008-01	7,910,781.87	564,237.34	0+935.38	0.94	39	Alignment		SW-1	7,910,800	563,850	48,952	3.5	146,294	7,315
BH3-2008-02	7,908,987.71	566,981.16	4+247.06	4.25	0	Alignment		SW-3	7,909,250	566,200	483,488	4.0	1,831,180	91,559
BH3-2008-04	7,908,090.29	568,268.00	5+830.02	5.83	0	CV-5-4		SW-4	7,908,190	567,650	129,933	4.0	466,456	23,323
BH3-2008-05	7,908,004.34	568,441.18	6+023.37	6.02	0	Alignment		SW-4	7,908,190	567,650	129,933	4.0	466,456	23,323
BH3-2008-08	7,906,575.94	570,714.95	8+712.12	8.71	0	BR-8-1		SW-6	7,906,500	570,200	1,159	2.5	932	47
BH3-2008-10	7,906,503.24	570,827.71	8+846.28	8.85	0	BR-8-1		SW-8	7,906,110	570,480	3,138	2.5	4,610	231
BH3-2008-12	7,903,819.53	575,598.72	14+389.02	14.39	0	Alignment	Thermistor	SW-11	7,903,600	575,600	24,024	2.5	51,112	2,556
BH3-2008-13	7,903,599.89	575,984.44	14+833.44	14.83	0	Alignment		SW-12	7,903,500	575,950	12,023	3.0	26,953	1,348
BH3-2008-15	7,902,914.63	577,572.65	16+567.67	16.57	0	Alignment		SW-14	7,903,100	577,400	2,529	2.5	3,419	171
BH3-2008-18	7,901,267.62	581,553.86	20+936.62	20.94	0	Alignment		SW-20	7,901,000	581,950	4,406	3.0	7,700	385
BH3-2008-24	7,900,017.73	585,438.48	25+059.91	25.06	-16	BR-25-1		SW-25	7,900,225	585,810	5,117	1.5	6,189	309
BH3-2008-29	7,898,366.63	587,231.08	27+522.00	27.52	-19	Alignment		SW-28	7,898,400	586,900	27,694	3.5	78,097	3,905
BH3-2008-31	7,897,191.10	588,355.95	29+178.29	29.18	0	Alignment		SW-29	7,897,475	588,300	8,354	3.0	17,464	873
BH3-2008-32	7,896,801.55	588,804.12	29+780.92	29.78	0	Alignment		SW-30	7,896,300	588,550	224,280	3.0	633,468	31,673
BH3-2008-33	7,896,513.13	588,988.15	30+123.05	30.12	0	Alignment		SW-30	7,896,300	588,550	224,280	3.0	633,468	31,673
BH3-2008-34	7,896,433.04	589,039.25	30+218.05	30.22	0	Alignment		SW-31	7,896,350	589,050	4,994	2.5	8,405	420
BH3-2008-36	7,894,647.74	590,834.09	32+780.99	32.78	0	Alignment		SW-32	7,894,590	590,800	9,213	2.5	17,491	875
BH3-2008-41	7,892,289.27	593,464.39	36+500.19	36.50	0	Alignment		SW-36	7,892,300	593,575	2,249	2.0	2,746	137
BH3-2008-44	7,890,969.27	594,328.90	38+245.90	38.25	0	Alignment		SW-38	7,891,000	594,000	540,607	3.0	1,560,693	78,035
BH3-2008-45	7,889,881.70	594,649.22	39+396.60	39.40	0	CV-39-1		SW-41	7,889,750	594,600	5,082	2.5	8,589	429
BH3-2008-48	7,887,052.79	596,562.20	42+836.33	42.84	0	Alignment		SW-44	7,887,200	596,400	13,690	2.0	23,057	1,153
BH3-2008-49	7,885,582.94	596,553.33	44+308.95	44.31	0	Alignment		SW-46	7,885,700	596,450	63,751	4.5	239,648	11,982
BH3-2008-50	7,884,272.27	597,033.20	45+797.40	45.80	0	Alignment		SW-48	7,884,200	596,600	31,214	3.0	78,955	3,948
BH3-2008-51	7,882,937.79	598,105.21	47+532.51	47.53	0	Alignment		SW-50	7,882,850	597,950	411,662	3.5	1,368,210	68,411
BH3-2008-52	7,881,523.39	598,000.02	49+047.70	49.05	0	Alignment		SW-52	7,881,700	598,050	15,604	2.5	31,798	1,590
BH3-2008-56	7,869,582.33	598,255.83	62+920.09	62.92	0	Alignment		SW-66	7,869,425	598,800	50,866	3.5	152,511	7,626
BH3-2008-59	7,863,236.70	602,637.07	70+896.73	70.90	0	Alignment		SW-72	7,863,968	602,975	30,482	1.5	42,094	2,105
BH3-2008-60	7,862,278.27	602,573.21	71+859.53	71.86	0	Alignment		SW-74	7,862,110	602,790	7,632	1.5	9,632	482
BH3-2008-61	7,860,656.30	603,501.01	73+758.43	73.76	0	Alignment		SW-75	7,860,700	603,650	5,450	1.5	6,641	332
BH3-2008-62	7,860,300.30	603,708.43	74+173.43	74.17	0	Alignment		SW-76	7,860,125	604,120	4,601	1.5	5,491	275
BH3-2008-63	7,858,957.29	603,901.39	75+550.92	75.55	0	Alignment		SW-78	7,858,625	604,400	5,442	1.5	6,629	331
BH3-2008-64	7,858,432.63	604,589.56	76+421.98	76.42	0	Alignment		SW-78	7,858,625	604,400	5,442	1.5	6,629	331
BH3-2008-65	7,857,649.22	605,143.21	77+393.22	77.39	0	Alignment		SW-78	7,857,740	605,440	2,041	2.5	2,495	125
BH3-2008-68	7,856,405.53	605,520.37	78+702.11	78.70	0	CV-78-1		SW-81	7,856,165	605,665	2,215	2.0	2,691	135
BH3-2008-69	7,855,319.65	605,528.84	79+788.48	79.79	0	Alignment		SW-82	7,855,500	605,700	618,958	3.0	1,791,465	89,573
BH3-2008-70	7,854,616.75	605,512.39	80+491.57	80.49	0	Alignment		SW-83	7,854,450	605,700	618,958	4.0	2,359,549	117,977
BH3-2008-71	7,853,463.20	605,577.05	81+658.42	81.66	0	Alignment		SW-84	7,853,250	605,950	618,958	3.0	1,791,465	89,573
BH3-2008-72	7,852,502.61	606,391.60	82+925.28	82.93	-11	Alignment		SW-85	7,852,380	606,760	6,200	2.0	9,491	475
BH3-2008-74	7,851,712.53	606,449.47	83+719.20	83.71	-29	Alignment		SW-86	7,851,560	606,610	11,250	2.0	18,581	929
BH3-2008-75	7,850,727.57	606,367.83	84+713.45	84.71	22	Alignment		SW-87	7,850,380	606,440	5,900	2.0	8,962	448
BH3-2008-76	7,850,140.64	606,382.82	85+302.74	85.30	-11	Alignment		SW-87	7,850,380	606,440	5,900	2.0	8,962	448
BH3-2008-77	7,848,576.43	606,179.60	86+889.41	86.89	0	Alignment		SW-89	7,848,280	606,560	5,800	1.5	7,117	356
BH3-2008-78	7,847,946.92	606,299.17	87+530.87	87.53	0	Alignment		SW-89	7,848,280	606,560	5,800	1.5	7,117	356
BH3-2008-79	7,847,711.55	606,351.52	87+772.00	87.77	0	Alignment		SW-90	7,847,400	606,700	126,842	3.0	350,917	17,546
BH3-2008-80	7,846,995.36	606,208.86	88+514.57	88.51	0	Alignment		SW-91	7,846,925	606,550	3,421,025	4.0	13,410,727	670,536
BH3-2008-81	7,846,535.81	606,362.59	89+000.16	89.00	0	Alignment		SW-92	7,846,650	606,575	3,421,025	4.0	13,410,727	670,536
BH3-2008-82	7,846,154.47	606,385.76	89+382.37	89.38	0	Alignment		SW-93	7,846,025	606,575	3,421,025	4.0	13,410,727	670,536
BH3-2008-83	7,845,604.08	606,255.56	89+954.56	89.95	0	Alignment		SW-94	7,845,570	606,515	3,421,025	4.0	13,410,727	670,536
BH3-2008-84	7,844,392.08	605,938.47	91+222.79	91.22	0	Alignment		SW-96	7,844,350	606,075	3,421,025	4.0	13,410,727	670,536
BH3-2008-87	7,841,885.76	606,976.83	94+027.67	94.03	-4	Alignment		SW-101	7,841,770	607,195	3,421,025	4.0	13,410,727	670,536
BH3-2008-88	7,841,463.41	607,191.76	94+503.97	94.50	-15	Alignment		SW-102	7,841,500	607,205	3,421,025	4.0	13,410,727	670,536
BH3-2008-89	7,840,963.30	607,738.37	95+252.24	95.25	0	Alignment		SW-103	7,841,075	607,875	22,523,700	3.0	67,176,532	3,358,827
BH3-2008-90	7,840,915.95	607,797.56	95+328.04	95.33	0	Alignment		SW-103	7,841,075	607,875	22,523,700	3.0	67,176,532	3,358,827
BH3-2008-93	7,840,643.75	608,137.78	95+763.74	95.76	0	Alignment		SW-103	7,841,075	607,875	22,523,700	3.0	67,176,532	3,358,827
BH3-2008-94	7,840,569.36	608,230.77	95+882.83	95.88	0	Alignment		SW-103	7,841,075	607,875	22,523,700	3.0	67,176,532	3,358,827
BH3-2008-95	7,839,252.92	608,795.32	97+357.83	97.36	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-96	7,838,933.77	608,856.68	97+682.83	97.68	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-97	7,838,487.47	608,903.54	98+134.94	98.13	16	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-98	7,838,046.83	608,820.76	98+588.38	98.59	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-101	7,836,800.58	608,163.72	100+013.38	100.01	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-102	7,836,135.25	607,293.10	101+120.31	101.12	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-103	7,835,957.04	606,698.58	101+743.38	101.74	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-104	7,835,811.53	606,260.19	102+207.88	102.21	-9	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-105	7,835,643.32	605,846.37	102+640.83	102.64	73	Oriented Core		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-106	7,835,501.96	605,714.91	102+832.13	102.83	48	Oriented Core		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-107	7,835,374.66	605,606.48	102+996.72	103.00	18	Oriented Core		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-108	7,835,262.35	605,446.29	103+191.80	103.19	33	Oriented Core		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-109	7,835,206.49	605,367.69	103+286.49	103.29	40	Oriented Core		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-110	7,835,052.46	605,244.65	103+476.41	103.48	27	Oriented Core		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-111	7,834,737.24	605,092.13	103+822.87	103.82	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-112	7,834,677.31	605,058.83	103+891.43	103.89	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-113	7,834,418.43	604,855.53	104+222.77	104.22	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-116	7,833,511.60	602,599.48	106+757.20	106.76	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-117	7,833,380.20	601,990.06	107+381.05	107.38	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-118	7,833,011.04	601,537.31	107+979.49	107.98	0	Oriented Core		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-119	7,832,888.06	601,492.91	108+110.24	108.11	0	Oriented Core		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-120	7,832,770.54	601,450.71	108+235.11	108.24	0	Oriented Core		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-121	7,832,415.68	601,169.66	108+700.11	108.70	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-122	7,832,231.89	600,959.83	108+981.07	108.98	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-125	7,831,618.85	600,447.05	109+796.32	109.80	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-126	7,831,465.05	600,329.19	109+990.11	109.99	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-127	7,831,261.11	600,175.06	110+245.74	110.25	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-128	7,830,887.71	599,885.98	110+718.08	110.72	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-129	7,830,806.42	599,808.92	110+830.11	110.83	0	BR-110-1		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-130	7,828,785.46	598,182.08	113+479.57	113.48	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-131	7,827,116.42	597,043.75	115+576.93	115.58	2	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH3-2008-133	7,825,978.50	597,573.38	116+890.80	116.89	-56	Alignment		SW-105	7,825,470	597,430	2,014	4.0	28,460	28,460
BH3-2008-134	7,825,837.16	597,809.93	117+186.14	117.19	-32	Alignment		SW-105	7,825,470	597,430	2,014	4.0	28,460	28,460
BH3-2008-135	7,825,614.44	598,141.66	117+592.22	117.59	21	Alignment		SW-105	7,825,470	597,430	2,014	4.0	28,460	28,460
BH3-2008-136	7,825,165.15	598,420.82	118+125.22	118.13	-4	Alignment		SW-105	7,825,470	597,430	2,014	4.0	28,460	28,460
BH3-2008-137	7,824,616.94	598,591.95	118+702.69	118.70	0	Alignment		SW-106	7,821,670	597,460	10,628,400	4.0	42,031,748	2,101,587
BH3-2008-138	7,824,452.83	598,607.81	118+867.87	118.87	0	Alignment		SW-106	7,821,670	597,460	10,628,400	4.0	42,031,748	2,101,587
BH3-2008-139	7,824,159.66	598,552.96	119+167.00	119.17	0	Alignment		SW-106	7,821,670	597,460	10,628,400	4.0	42,031,748	2,101,587
BH3-2008-140	7,823,546.98	598,551.95	119+781.70	119.78	0	Alignment		SW-106	7,821,670	597,460	10,628,400	4.0	42,031,748	2,101,587
BH3-2008-141	7,823,171.16	598,651.47	120+171.30	120.17	0	Alignment		SW-106	7,821,670	597,460	10,628,400	4.0	42,031,748	2,101,587
BH3-2008-142	7,822,904.47	598,645.33	120+438.33	120.44	0	Alignment		SW-106	7,821,670	597,460	10,628,400	4.0	42,031,748	2,101,587
BH3-2008-143	7,822,295.03	598,603.69	121+049.48	121.05	0	Alignment		SW-106	7,821,670	597,460	10,628,400	4.0	42,031,748	2,101,587
BH3-2008-144	7,821,838.00	598,517.70	121+514.72	121.51	0	Alignment		SW-106	7,821,670	597,460	10,628,400	4.0	42,031,748	2,101,587
BH3-2008-145	7,821,274.01	598,321.34	122+112.03	122.11	0	Alignment		SW-106	7,821,670	597,460	10,628,400	4.0	42,031,748	2,101,587
BH3-2008-146	7,820,797.28	598,180.41	122+609.40	122.61	0	Rock Cut		SW-106	7,821,670	597,460	10,628,400	4.0	42,031,748	2,101,587
BH3-2008-147	7,820,710.43	598,173.02	122+696.80	122.70	0	Oriented Core		SW-106	7,821,670	597,460	10,628,400	4.0	42,031,748	2,101,587
BH3-2008-148	7,820,602.06	598,194.81	122+807.80	122.81	0	Rock Cut		SW-106	7,821,670	597,460	10,628,400	4.0	42,031,748	2,101,587
BH3-2008-149	7,820,252.95	598,399.02	123+212.60	123.21	0	BR-123-1		SW-106	7,821,670	597,460	10,628,400	4.0	42,031,748	2,101,587
BH3-2008-150	7,819,771.14	598,482.06	123+707.58	123.71	0	Alignment		SW-106	7,821,670	597,460	10,628,400	4.0	42,031,748	2,101,587
BH3-2008-151	7,819,442.57	598,493.23	124+036.35	124.04	0	Alignment	Thermistor	SW-106	7,821,670	597,460	10,628,400	4.0	42,031,748	2,101,587
BH3-2008-152	7,818,402.87	598,381.44	125+092.04	125.09	0	CV-125-1		SW-107	7,818,875	598,175	949	1.5	15,680	15,680
BH3-2008-153	7,818,033.81	598,236.65	125+488.96	125.49	0	Alignment		SW-107	7,818,875	598,175	949	1.5	15,680	15,680
BH3-2008-154	7,817,649.33	598,408.64	125+932.73	125.93	0	Alignment		SW-107	7,818,875	598,175	949	1.5	15,680	15,680
BH3-2008-155	7,817,468.42	598,567.56	126+174.76	126.17	0	Alignment	Thermistor	SW-108	7,817,540	598,230	8,060	4.0	18,971	949
BH3-2008-156	7,816,781.96	598,490.25	126+881.74	126.88	0	Alignment		SW-109	7,816,700	598,900	26,474	4.0	81,847	4,092
BH3-2008-157	7,816,339.11	598,524.67	127+326.71	127.33	0	Alignment		SW-110	7,816,250	598,700	6,215	2.0	9,517	476
BH3-2008-159	7,815,060.11	598,815.31	128+651.64	128.65	0	Alignment		SW-113	7,815,180	598,610	4,944	1.5	5,955	298
BH3-2008-160	7,813,864.49	600,078.01	130+394.80	130.39	0	Alignment		SW-114	7,813,975	600,200	216,936	3.5	706,571	35,329
BH3-2008-161	7,813,276.18	600,483.77	131+114.55	131.11	0	Alignment		SW-115	7,813,550	600,725	45,989	2.0	84,053	4,203
BH3-2008-163	7,812,442.48	600,679.91	131+972.91	131.97	0	Alignment		SW-116	7,812,625	600,425	40,899	1.5	57,144	2,857
BH3-2008-165	7,811,718.69	600,973.18	132+757.49	132.76	0	Alignment		SW-117	7,811,525	600,800	937,929	4.0	3,608,574	180,429
BH3-2008-167	7,810,661.84	600,901.71	133+889.04	133.89	0	Alignment		SW-118	7,810,600	600,875	138,877	3.5	443,898	22,195
BH3-2008-169	7,810,146.71	599,603.49	135+319.49	135.32	0	Alignment		SW-119	7,810,150	599,250	305,212	3.0	869,706	43,485
BH3-2008-170	7,809,851.50	599,196.72	135+822.51	135.82	0	Alignment		SW-119	7,810,150	599,250	305,212	3.0	869,706	43,485
BH3-2008-171	7,809,636.64	599,016.84	136+103.05	136.10	0	Alignment		SW-119	7,810,150	599,250	305,212	3.0	869,706	43,485
BH3-2008-172	7,809,296.40	598,673.74	136+587.22	136.59	0	Alignment		SW-119	7,810,150	599,250	305,212	3.0	869,706	43,485
BH3-2008-174	7,808,030.45	598,635.58	137+900.96	137.90	17	BR-137-1		SW-121	7,808,200	598,800	9,921,335	4.0	39,219,792	1,960,990
BH3-2008-175	7,807,965.23	598,649.19	137+967.58	137.97	17	BR-137-1	Thermistor	SW-122	7,807,700	598,500	113,094	3.0	311,324	15,566
BH3-2008-178	7,807,476.51	598,768.30	138+470.33	138.47	0	Rock Cut		SW-122	7,807,700	598,500	113,094	3.0	311,324	15,566
BH3-2008-179	7,807,326.23	598,799.67	138+623.85	138.62	0	Alignment		SW-122	7,807,700	598,500	113,094	3.0	311,324	15,566
BH3-2008-180	7,806,507.19	598,704.99	139+478.41	139.48	0	Alignment		SW-123	7,806,775	598,600	53,792	3.5	162,025	8,101
BH3-2008-181	7,806,067.11	598,447.08	139+988.50	139.99	0	Alignment		SW-124	7,806,100	598,150	2,690,792	3.5	9,232,146	461,607
BH3-2008-182	7,805,216.09	597,701.73	141+133.60	141.13	0	Alignment		SW-125	7,805,150	598,125	21,512	3.0	52,341	2,617
BH3-2008-185	7,802,650.00	595,312.50	N/A	N/A	N/A	Alignment		SW-127	7,802,715	595,700	82,140	3.0	222,593	11,130
BH4-2008-01	7,910,623.23	564,455.08	1+200	1.20	0	Alignment		SW-1	7,910,800	563,850	48,952	3.5	146,294	7,315
BH4-2008-02	7,910,540.87	564,580.27	1+350	1.35	0	Alignment		SW-2	7,910,210	565,020	483,488	3.5	1,613,523	80,676
BH4-2008-03	7,910,317.23	565,188.18	2+000	2.00	0	Alignment		SW-2	7,910,210	565,020	483,488	3.5	1,613,523	80,676
BH4-2008-04	7,910,162.90	565,384.05	2+250	2.25	0	Alignment		SW-2	7,910,210	565,020	483,488	3.5	1,613,523	80,676
BH4-2008-05	7,910,028.08	565,531.78	2+450	2.45	0	Alignment		SW-3	7,909,250	566,200	483,488	4.0	1,831,180	91,559
BH4-2008-06	7,909,672.07	565,950.02	3+000	3.00	0	Alignment		SW-3	7,909,250	566,200	483,488	4.0	1,831,180	91,559
BH4-2008-07	7,906,690.18	570,536.23	8+500	8.50	0	Alignment		SW-6	7,906,500	570,200	1,159	2.5	932	47
BH4-2008-08	7,905,776.35	571,655.47	9+950	9.95	0	Alignment		SW-9	7,904,580	571,400	22,906	3.5	63,044	3,152
BH4-2008-09	7,905,343.72	572,382.07	10+800	10.80	0	Alignment		SW-10	7,904,230	573,210	123,157	5.0	534,742	26,737
BH4-2008-10	7,905,269.20	572,512.14	10+950	10.95	0	Alignment		SW-10	7,904,230	573,210	123,157	5.0	534,742	26,737
BH4-2008-11	7,905,210.77	572,593.26	11+050	11.05	0	Alignment		SW-10	7,904,230	573,210	123,157	5.0	534,742	26,737
BH4-2008-12	7,904,555.20	574,191.69	12+800	12.80	0	Alignment		SW-10	7,904,230	573,210	123,157	5.0	534,742	26,737
BH4-2008-13	7,904,190.77	574,847.20	13+550	13.55	0	Alignment		SW-10	7,904,230	573,210	123,157	5.0	534,742	26,737
BH4-2008-14	7,904,099.60	575,025.12	13+750	13.75	0	Alignment		SW-11	7,903,600	575,600	24,024	2.5	51,112	2,556
BH4-2008-15	7,903,350.39	576,708.73	15+600	15.60	0	Alignment		WW-6	7,903,075	576,950	1,160	2.5	934	47
BH4-2008-17	7,902,153.62	578,959.94	18+150	18.15	0	Alignment		SW-17	7,902,000	578,870	1,326	2.0	1,307	65

TABLE 1

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2008 GEOTECHNICAL INVESTIGATIONS

PROPOSED DRILLHOLE LOCATIONS - SUMMER DRILLHOLES MORE THAN 30 M FROM HIGH WATER MARK

Drillhole Number	Northing (m)	Easting (m)	Chainages (km+mmm)	Approximate Chainage (km)	Offset (m)	Drillhole Purpose	Instrumentation	Related Water Source	Water Source Northing (Estimated) (m)	Water Source Easting (Estimated) (m)	Estimated Water Source Area [6] (m^2)	Estimated Water Source Depth (m)	Estimated Water Source Volume [7] (m^3)	Estimated Water Volume Available for Drilling [8] (m^3)
BH4-2008-18	7,901,852.17	580,159.05	19+400	19.40	0	Alignment		SW-18	7,901,600	579,750	142,453	3.0	395,979	19,799
BH4-2008-19	7,901,542.21	580,870.92	20+200	20.20	0	Alignment		SW-19	7,901,590	580,610	5,820	3.5	11,737	587
BH4-2008-20	7,901,033.68	582,383.13	21+800	21.80	0	Alignment		SW-20	7,901,000	581,950	4,406	3.0	7,700	385
BH4-2008-21	7,900,982.09	582,779.31	22+200	22.20	0	Alignment		SW-20	7,901,000	581,950	4,406	3.0	7,700	385
BH4-2008-23	7,900,682.47	583,886.44	23+350	23.35	0	Alignment		SW-21	7,900,200	583,290	2,427	2.0	3,034	152
BH4-2008-24	7,900,469.31	584,500.44	24+000	24.00	0	Alignment		SW-22	7,900,435	584,445	8,951	2.5	16,915	846
BH4-2008-27	7,900,145.56	585,271.26	24+850	24.85	0	Alignment		SW-24	7,900,225	585,175	1,670	1.5	1,656	83
BH4-2008-28	7,900,079.14	585,346.02	24+950	24.95	0	Alignment		SW-25	7,900,225	585,810	5,117	1.5	6,189	309
BH4-2008-29	7,899,846.67	585,607.66	25+300	25.30	0	Alignment		SW-25	7,900,225	585,810	5,117	1.5	6,189	309
BH4-2008-30	7,899,665.30	585,845.46	25+600	25.60	0	Alignment		SW-26	7,899,250	586,000	5,594	3.0	10,564	528
BH4-2008-32	7,898,662.05	586,931.54	27+100	27.10	0	Alignment		SW-28	7,898,400	586,900	27,694	3.5	78,097	3,905
BH4-2008-35	7,894,532.94	590,865.45	32+900	32.90	0	Alignment		SW-32	7,894,590	590,800	9,213	2.5	17,491	875
BH4-2008-36	7,894,290.90	591,025.06	33+200	33.20	0	Alignment	Thermistor	SW-33	7,894,150	591,050	46,582	4.0	154,427	7,721
BH4-2008-37	7,894,209.23	591,412.73	33+600	33.60	0	Alignment		SW-33	7,894,150	591,050	46,582	4.0	154,427	7,721
BH4-2008-38	7,892,974.94	592,618.43	35+400	35.40	0	Alignment		SW-34	7,893,100	592,900	150,118	4.5	603,054	30,153
BH4-2008-39	7,892,831.93	592,758.24	35+600	35.60	0	Alignment		SW-34	7,893,100	592,900	150,118	4.5	603,054	30,153
BH4-2008-40	7,892,581.67	593,002.92	35+950	35.95	0	Alignment	Thermistor	SW-35	7,892,400	593,050	51,555	4.5	189,522	9,476
BH4-2008-41	7,891,880.86	594,142.79	37+300	37.30	0	Alignment	Thermistor	SW-37	7,891,800	594,450	3,490	2.0	4,797	240
BH4-2008-42	7,890,325.06	594,429.25	38+900	38.90	0	Alignment		SW-39	7,890,250	594,600	16,551	3.5	43,372	2,169
BH4-2008-43	7,889,552.29	594,882.07	39+800	39.80	0	Alignment		SW-41	7,889,750	594,600	5,082	2.5	8,589	429
BH4-2008-44	7,888,493.03	595,635.59	41+100	41.10	0	Alignment		SW-43	7,888,500	595,550	8,611	1.5	10,988	549
BH4-2008-45	7,886,291.41	596,579.36	43+600	43.60	0	Alignment		SW-45	7,886,350	596,550	2,331	1.0	1,885	94
BH4-2008-46	7,884,095.86	597,278.72	46+100	46.10	0	Alignment		SW-49	7,883,880	597,330	19,815	2.5	41,410	2,070
BH4-2008-47	7,882,403.88	598,281.39	48+100	48.10	0	Alignment		SW-51	7,882,300	598,500	41,799	2.5	92,693	4,635
BH4-2008-48	7,879,738.14	596,712.71	51+250	51.25	0	Alignment		SW-55	7,879,450	596,750	50,835	3.0	133,759	6,688
BH4-2008-49	7,879,549.21	596,648.11	51+450	51.45	0	Alignment		SW-55	7,879,450	596,750	50,835	3.0	133,759	6,688
BH4-2008-50	7,878,411.01	597,180.22	52+800	52.80	0	Alignment		SW-56	7,878,450	597,450	40,420	2.5	89,442	4,472
BH4-2008-51	7,878,068.90	597,673.13	53+400	53.40	0	CV-53-1		SW-57	7,878,250	597,850	74,020	3.0	199,441	9,972
BH4-2008-52	7,877,812.31	598,042.81	53+850	53.85	0	Alignment		SW-57	7,878,250	597,850	74,020	3.0	199,441	9,972
BH4-2008-53	7,877,491.92	598,489.54	54+400	54.40	0	Alignment		SW-57	7,878,250	597,850	74,020	3.0	199,441	9,972
BH4-2008-54	7,876,520.15	598,931.33	55+500	55.50	0	Alignment	Thermistor	SW-58	7,876,050	599,350	11,711	3.0	26,135	1,307
BH4-2008-55	7,875,830.61	598,818.74	56+200	56.20	0	Alignment	Thermistor	SW-59	7,875,650	598,650	3,769	3.0	6,203	310
BH4-2008-56	7,875,444.05	598,887.49	56+600	56.60	0	Alignment		SW-59	7,875,650	598,650	3,769	3.0	6,203	310
BH4-2008-57	7,874,967.51	599,251.52	57+200	57.20	0	Alignment		SW-60	7,874,255	598,995	431,632	3.0	1,240,275	62,014
BH4-2008-58	7,873,381.52	599,092.59	58+900	58.90	0	Alignment		SW-61	7,873,250	598,350	18,681	3.5	49,917	2,496
BH4-2008-59	7,871,359.43	598,530.06	61+000	61.00	0	Alignment		SW-63	7,871,310	599,070	7,362	3.0	14,952	748
BH4-2008-60	7,870,903.18	598,326.07	61+500	61.50	0	Alignment		SW-64	7,870,920	598,170	5,480	2.5	9,427	471
BH4-2008-61	7,870,360.56	598,071.01	62+100	62.10	0	Alignment	Thermistor	SW-65	7,870,570	597,700	1,982	2.5	2,384	119
BH4-2008-62	7,869,968.40	598,090.21	62+500	62.50	0	Alignment		SW-65	7,870,570	597,700	1,982	2.5	2,384	119
BH4-2008-64	7,866,753.91	599,474.55	66+000	66.00	0	Alignment		SW-68	7,867,000	599,750	3,826	3.5	6,391	320
BH4-2008-65	7,865,620.81	600,855.15	67+800	67.80	0	Alignment		SW-70	7,865,455	600,900	17,855	3.5	47,370	2,369
BH4-2008-66	7,865,011.49	601,755.94	68+900	68.90	0	Alignment	Thermistor	SW-71	7,865,250	601,750	14,299	3.0	32,957	1,648
BH4-2008-67	7,862,835.05	602,607.13	71+300	71.30	0	Alignment		SW-73	7,862,780	603,200	2,396	1.5	2,576	129
BH4-2008-68	7,859,979.16	603,759.22	74+500	74.50	0	Alignment		SW-76	7,860,125	604,120	4,601	1.5	5,491	275
BH4-2008-69	7,859,479.16	603,759.22	75+000	75.00	0	Alignment		SW-77	7,859,745	604,015	3,915	1.5	4,572	229
BH4-2008-70	7,858,203.79	604,823.89	76+750	76.75	0	Alignment		SW-78	7,857,740	605,440	2,041	2.5	2,495	125
BH4-2008-71	7,856,851.65	605,455.27	78+250	78.25	0	Alignment		SW-80	7,856,720	605,320	1,429	1.5	1,358	68
BH4-2008-72	7,855,707.90	605,515.71	79+400	79.40	0	Alignment		SW-82	7,855,500	605,700	618,958	3.0	1,791,465	89,573
BH4-2008-73	7,854,308.42	605,504.77	80+800	80.80	0	Alignment		SW-83	7,854,450	605,700	618,958	4.0	2,359,549	117,977
BH4-2008-74	7,852,988.37	606,003.15	82+300	82.30	0	Alignment		SW-84	7,853,250	605,950	618,958	3.0	1,791,465	89,573
BH4-2008-76	7,849,597.18	606,340.97	85+850	85.85	0	Alignment		SW-88	7,849,415	606,485	6,200	2.0	9,491	475
BH4-2008-77	7,849,258.30	606,253.44	86+200	86.20	0	Alignment		SW-88	7,849,415	606,485	6,200	2.0	9,491	475
BH4-2008-78	7,848,269.78	606,226.80	87+200	87.20	0	Alignment		SW-89	7,848,280	606,560	5,800	1.5	7,117	356
BH4-2008-79	7,847,305.03	606,237.34	88+200	88.20	0	Alignment		SW-90	7,847,400	606,700	126,842	3.0	350,917	17,546
BH4-2008-80	7,844,804.28	606,029.47	90+800	90.80	0	Alignment		SW-95	7,844,685	606,235	3,421,025	4.0	13,410,727	670,536
BH4-2008-81	7,844,015.34	605,923.62	91+600	91.60	0	Alignment		SW-97	7,843,935	606,200	3,421,025	4.0	13,410,727	670,536
BH4-2008-82	7,843,530.82	606,017.29	92+100	92.10	0	Alignment		SW-98	7,843,450	606,255	3,421,025	4.0	13,410,727	670,536
BH4-2008-83	7,842,984.41	606,264.88	92+700	92.70	0	Alignment		SW-99	7,843,050	606,455	3,421,025	4.0	13,410,727	670,536
BH4-2008-84	7,842,436.91	606,509.94	93+300	93.30	0	Alignment		SW-100	7,842,315	606,725	3,421,025	4.0	13,410,727	670,536
BH4-2008-85	7,841,635.77	607,085.41	94+300	94.30	0	Alignment		SW-101	7,841,770	607,195	3,421,025	4.0	13,410,727	670,536
BH4-2008-86	7,841,118.90	607,539.87	95+000	95.00	0	Alignment		SW-103	7,841,075	607,875	22,523,700	3.0	67,176,532	3,358,827
BH4-2008-87	7,840,870.99	607,853.75	95+400	95.40	0	Alignment	Thermistor	SW-103	7,841,075	607,875	22,523,700	3.0	67,176,532	3,358,827
BH4-2008-92	7,840,714.81	608,048.96	95+650	95.65	0	BR-95-1		SW-103	7,841,075	607,875	22,523,700	3.0	67,176,532	3,358,827
BH4-2008-93	7,840,682.54	608,089.29	95+700	95.70	0	BR-95-1		SW-103	7,841,075	607,875	22,523,700	3.0	67,176,532	3,358,827
BH4-2008-94	7,840,305.84	608,484.47	96+250	96.25	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH4-2008-96	7,840,088.08	608,606.34	96+500	96.50	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH4-2008-97	7,839,800.72	608,690.01	96+800	96.80	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH4-2008-99	7,836,333.40	607,663.05	100+700	100.70	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH4-2008-100	7,835,643.17	605,964.01	102+550	102.55	0	Oriented Core		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH4-2008-101	7,835,132.46	605,348.49	103+350	103.35	0	Oriented Core		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH4-2008-102	7,833,875.70	604,231.88	105+050	105.05	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH4-2008-103	7,832,944.76	601,513.27	108+050	108.05	0	Oriented Core		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH4-2008-104	7,832,850.64	601,479.47	108+150	108.15	0	Oriented Core		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH4-2008-105	7,832,663.27	601,409.71	108+350	108.35	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH4-2008-106	7,832,081.91	600,882.72	109+150	109.15	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH4-2008-107	7,831,948.28	600,815.05	109+300	109.30	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH4-2008-108	7,830,547.68	599,479.24	111+250	111.25	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH4-2008-109	7,830,113.77	599,008.92	111+900	111.90	0	CV-111-1		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH4-2008-110	7,829,415.63	598,537.21	112+750	112.75	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH4-2008-111	7,828,334.89	597,940.66	114+000	114.00	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH4-2008-112	7,827,795.47	597,605.29	114+650	114.65	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH4-2008-113	7,827,597.96	597,321.26	115+000	115.00	0	Alignment		SW-104	7,834,160	603,350	22,523,700	4.0	89,393,346	4,469,667
BH4-2008-116	7,823,778.01	598,538.94	119+550	119.55	0	Alignment	Thermistor	SW-106	7,821,670	597,460	10,628,400	4.0	42,031,748	2,101,587
BH4-2008-117	7,818,681.89	598,466.47	124+800	124.80	0	CV-124-1		SW-107	7,818,875	598,175	949	1.5	15,680	15,680
BH4-2008-119	7,817,827.45	598,261.58	125+700	125.70	0	Oriented Core	Up to Three Holes	SW-107	7,818,875	598,175	949	1.5	15,680	15,680
BH4-2008-120	7,811,963.48	600,895.61	132+500	132.50	0	Alignment		SW-117	7,811,525	600,800	937,929	4.0	3,608,574	180,429
BH4-2008-122	7,810,891.95	601,066.80	133+600	133.60	0	Alignment		SW-117	7,811,525	600,800	937,929	4.0	3,608,574	180,429
BH4-2008-123	7,810,402.33	600,585.96	134+300	134.30	0	CV-134-1		SW-118	7,810,600	600,875	138,877	3.5	443,898	22,195
BH4-2008-125	7,808,426.37	598,570.03	137+500	137.50	0	Alignment		SW-121	7,808,200	598,800	9,921,335	4.0	39,219,792	1,960,990
BH4-2008-126	7,807,741.14	598,713.06	138+200	138.20	0	Alignment		SW-122	7,807,700	598,500	113,094	3.0	311,324	15,566
BH4-2008-127	7,806,758.12	598,823.39	139+200	139.20	0	CV-138-1		SW-123	7,806,775	598,600	53,792	3.5	162,025	8,101
BH4-2008-128	7,912,005.85	562,540.99	N/A	N/A	N/A	Mary R. Bridge		SW-131	7,912,046	561,979	32,451	4.0	103,179	5,159
BH4-2008-135	7,911,915.97	562,808.56	N/A	N/A	N/A	Mary R. Bridge	Thermistor	SW-132	7,912,039	561,980	32,562	5.0	121,135	6,057
ALT-2008-01	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-02	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-03	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-04	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-05	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-06	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-07	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-08	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-09	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-10	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-11	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-12	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-13	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-14	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-15	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-16	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-17	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-18	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-19	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-20	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-21	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-22	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-23	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-24	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
ALT-2008-25	TBD	TBD	N/A	N/A	N/A	Alternate Alignment		TBA	N/A	N/A	N/A	N/A	N/A	N/A
MINE SITE RAIL SPURS (11 drillholes)														
MRL-2008-01	7,911,563.20	563,504.61	N/A	N/A	N/A	Loading Track 0+600		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MRL-2008-02	7,912,123.20	562,348.51	N/A	N/A	N/A	Loading Track 1+900		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MRL-2008-03	7,912,272.87	562,147.29	N/A	N/A	N/A	Loading Track 2+150		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MRL-2008-04	7,912,468.67	561,861.90	N/A	N/A	N/A	Loading Track 2+500		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MRL-2008-05	7,912,799.79	561,376.67	N/A	N/A	N/A	Storage Track 0+800		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MRL-2008-06	7,913,106.93	561,124.33	N/A	N/A	N/A	Storage Track 1+200		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MRL-2008-07	7,913,474.34	560,803.96	N/A	N/A	N/A	Storage Track1+500		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MRL-2008-08	7,913,497.36	560,989.19	N/A	N/A	N/A	Storage Track 1+650		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MRL-2008-09	7,913,130.06	560,978.43	N/A	N/A	N/A	MOW Track 0+300		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MRL-2008-10	7,913,333.66	560,928.23	N/A	N/A	N/A	Service Track 3+800		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MRL-2008-11	7,913,487.18	560,796.28	N/A	N/A	N/A	Service Track 4+000		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
STEENSBY INLET RAIL LOOPS (25 drillholes)														
SRL-2008-01	7,802,267.75	594,792.43	6+999.996	7.00	N/A	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-02	7,801,852.49	594,689.51	6+575.860	6.58	56	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-03	7,802,050.17	594,594.23	2+000.000	2.00	0	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-04	7,801,772.79	594,480.67	2+300.983	2.30	-4	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-05	7,801,607.94	594,623.19	6+301.872	6.30	1	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-06	7,801,446.16	594,741.28	6+100.280	6.10	1	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-07	7,801,491.13	594,393.62	2+596.171	2.60	-2	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-08	7,801,197.21	594,428.56	2+897.434	2.90	-1	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-09	7,800,969.86	594,624.71	3+201.652	3.20	-2	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-10	7,800,778.26	594,850.13	3+497.484	3.50	1	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-11	7,800,616.26	594,889.32	3+631.319	3.63	100	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-12	7,800,567.56	595,008.07	3+753.718	3.75	62	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-13	7,800,457.11	595,236.63	4+000.000	4.00	0	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-14	7,800,361.66	595,596.57	4+400.000	4.40	0	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-15	7,800,504.90	595,733.08	4+601.833	4.60	2	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-16	7,800,745.90	595,710.11	4+852.271	4.85	-1	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-17	7,800,874.67	595,508.65	5+099.996	5.10	0	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-18	7,800,924.13	595,115.00	5+472.848	5.47	-62	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-19	7,802,091.17	594,548.10	0+259.002	0.26	1	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-20	7,802,108.15	594,246.08	0+572.574	0.57	-1	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-21	7,802,358.48	594,050.83	0+900.487	0.90	-7	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-22	7,802,841.94	593,374.54	1+846.863	1.85	0	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-23	7,803,171.90	593,162.07	2+249.760	2.25	4	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-24	7,803,126.86	592,722.08	2+750.244	2.75	-4	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
SRL-2008-25	7,802,912.07	592,446.01	3+100.004	3.10	0	Rail Loops		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
MAINTENANCE SHOP (6 drillholes)														
RMS-2008-01	7,801,935.11	594,596.41	2+102.509	2.10	-57	Shop Foundations		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
RMS-2008-02	7,801,909.68	594,539.34	2+151.372	2.15	-15	Shop Foundations		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
RMS-2008-03	7,801,869.96	594,564.45	2+180.353	2.18	-53	Shop Foundations		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
RMS-2008-04	7,801,846.44	594,514.98	2+220.397	2.22	-14	Shop Foundations		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
RMS-2008-05	7,801,879.08	594,608.16	6+570.866	6.57	-29	Shop Foundations		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
RMS-2008-06	7,801,834.89	594,578.32	6+520.247	6.52	-41	Shop Foundations		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
RAIL BORROW AREAS (35 drillholes)														
BA-2008-01	7,802,071	595,541	N/A	N/A	N/A	BC12		SW-128	7,801,700	595,350	84,320	3.0	228,817	11,441
BA-2008-02	7,902,921	579,028	17+839.65	17.84	-707	BOR 2		SW-15	7,902,380	578,740	1,656	3.0	1,585	79
BA-2008-03	7,901,808	582,769	22+065.24	22.07	-809	BOR 3/ 3A		SW-20	7,901,000	581,950	4,406	3.0	7,700	385
BA-2008-04	7,900,020	586,856	26+003.39	26.00	-885	BOR 4A		SW-25	7,900,225	585,810	5,117	1.5	6,189	309
BA-2008-05	7,897,623	590,945	30+240.10	30.24	-2247	BOR 5A		SW-130	7,897,235	590,725	16,532	4.0	47,126	2,356
BA-2008-06	7,889,238	595,633	40+490.36	40.49	-431	BOR 7 (7A/7B/7C)		SW-42	7,889,300	595,650	5,667	1.5	6,936	347
BA-2008-07	7,885,222	597,582	44+632.17	44.63	-1041	BOR 8		SW-47	7,885,300	597,950	11,549	3.5	28,260	1,413
BA-2008-08	7,880,196	598,231	49+979.43	49.98	-973	BOR 9A		SW-54	7,880,260	598,370	15,033	2.5	30,503	1,525
BA-2008-09	7,872,833	599,945	59+187.32	59.19	-980	BOR 11		SW-62	7,871,855	600,200	24,474	2.5	52,153	2,608
BA-2008-10	7,868,376	599,645	64+576.89	64.58	-800	BOR 12/ 12A		SW-67	7,868,350	599,380	1,346	1.5	1,256	63
BA-2008-11	7,865,603	599,724	66+891.77	66.89	675	BOR 13		SW-69	7,865,660	599,720	3,338	1.5	3,806	190
BA-2008-12	7,818,765	599,083	124+642.43	124.64	-594	BOR 14		SW-107	7,818,875	598,175	949	1.5	15,680	784
BA-2008-13	7,811,243	601,167	133+276.83	133.28	-182	BAL-1A		SW-117	7,811,525	600,800	937,929	4.0	3,608,574	180,429

Knight Piésold
CONSULTING

TABLE 1

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2008 GEOTECHNICAL INVESTIGATIONS

PROPOSED DRILLHOLE LOCATIONS - SUMMER DRILLHOLES MORE THAN 30 M FROM HIGH WATER MARK

Drillhole Number	Northing (m)	Easting (m)	Chainages (km+mmm)	Approximate Chainage (km)	Offset (m)	Drillhole Purpose	Instrumentation	Related Water Source	Water Source Northing (Estimated) (m)	Water Source Easting (Estimated) (m)	Estimated Water Source Area [6] (m^2)	Estimated Water Source Depth (m)	Estimated Water Source Volume [7] (m^3)	Estimated Water Volume Available for Drilling [8] (m^3)
BA-2008-14	7,807,879	598,955	138+114.48	138.11	-265	BAL-2A		SW-122	7,807,700	598,500	113,094	3.0	311,324	15,566
BA-2008-15	7,806,394	598,671	139+593.26	139.59	-28	BAL-3A		SW-123	7,806,775	598,600	53,792	3.5	162,025	8,101
BA-2008-16	7,806,000	598,500	140+019.65	140.02	-80	BAL-4		SW-124	7,806,100	598,150	2,690,792	3.5	9,232,146	461,607
BA-2008-17	7,911,150	564,630	0+925.21	0.93	-499	BR 1		SW-1	7,910,800	563,850	48,952	3.5	146,294	7,315
BA-2008-18	7,910,000	566,100	2+930.80	2.93	-356	BR 2		SW-3	7,909,250	566,200	483,488	4.0	1,831,180	91,559
BA-2008-19	7,906,200	572,200	10+146.60	10.15	-678	BR 3		SW-129	7,906,620	572,035	6,698	3.0	13,291	665
BA-2008-20	7,901,800	581,500	20+677.24	20.68	-484	BR4		SW-19	7,901,590	580,610	5,820	3.5	11,737	587
BA-2008-21	7,900,850	582,750	22+201.52	22.20	135	BR 5		SW-20	7,901,000	581,950	4,406	3.0	7,700	385
BA-2008-22	7,890,700	599,200	41+720.62	41.72	-4147	BR 6		SW-40	7,891,395	597,875	18,105	3.0	43,128	2,156
BA-2008-23	7,882,650	598,400	47+890.97	47.89	-159	BR 7		SW-51	7,882,300	598,500	41,799	2.5	92,693	4,635
BA-2008-24	7,881,150	596,900	50+000.30	50.00	665	BR 8		SW-53	7,881,500	596,750	22,011	3.5	60,250	3,012
BA-2008-25	7,874,150	599,650	57+989.62	57.99	-269	BR 9		SW-60	7,874,255	598,995	431,632	3.0	1,240,275	62,014
BA-2008-26	TBD	TBD	N/A	NA	N	BR10		TBA	N/A	N/A	N/A	N/A	N/A	N/A
BA-2008-27	7,858,500	605,500	76+899.99	76.90	-716	BR 11		SW-79	7,857,740	605,440	2,041	2.5	2,495	125
BA-2008-28	7,841,100	607,500	94+979.49	94.98	39	BR 13		SW-103	7,841,075	607,875	22,523,700	3.0	67,176,532	3,358,827
BA-2008-29	7,818,000	598,300	125+516.05	125.52	-68	BR 15		SW-107	7,818,875	598,175	949	1.5	15,680	784
BA-2008-30	7,815,700	598,750	127+988.04	127.99	-148	BR 16		SW-111	7,815,455	598,455	24,300	2.0	42,841	2,142
BA-2008-31	7,815,100	599,100	128+797.09	128.80	-256	BR 17		SW-112	7,815,300	599,300	12,584	2.5	24,983	1,249
BA-2008-32	7,811,700	601,100	132+793.91	132.79	-122	BR 18		SW-117	7,811,525	600,800	937,929	4.0	3,608,574	180,429
BA-2008-33	7,809,150	598,800	136+638.18	136.64	-188	BR 19		SW-120	7,809,200	598,250	167,866	3.0	469,534	23,477
BA-2008-34	7,807,550	598,800	138+404.87	138.40	-46	BR 20		SW-122	7,807,700	598,500	113,094	3.0	311,324	15,566
BA-2008-35	7,804,900	597,300	141+618.73	141.62	112	BR 21		SW-126	7,804,775	597,750	1,993,774	3.5	6,818,426	340,921
MINE SITE INFRASTRUCTURE (27 drillholes)														
MSI-2008-01	7,914,309	558,888	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-02	7,913,668	560,693	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-03	7,913,606	560,766	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-04	7,913,566	560,701	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-05	7,913,469	561,172	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-06	7,913,435	561,243	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-07	7,913,407	561,134	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-08	7,913,016	561,262	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-09	7,912,928	561,341	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-10	7,912,861	561,400	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-11	7,912,754	561,478	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-12	7,912,523	560,873	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-13	7,912,430	560,933	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-14	7,912,712	562,124	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-15	7,912,542	562,324	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-16	7,912,485	562,249	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-17	7,912,356	562,395	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-18	7,912,380	562,498	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-19	7,912,544	562,771	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-20	7,912,997	562,803	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-21	7,912,869	563,208	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-22	7,912,909	563,123	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-23	7,913,006	563,189	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-24	7,913,282	563,635	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-25	7,917,209	563,088	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-26	7,917,041	563,078	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MSI-2008-27	7,916,856	563,087	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MINE WASTE DUMPS (14 drillholes)														
MWD-2008-01	7,916,304	563,254	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MWD-2008-02	7,916,007	562,556	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MWD-2008-03	7,915,260	562,843	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MWD-2008-04	7,915,233	562,392	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MWD-2008-05	7,915,228	561,973	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MWD-2008-06	7,914,374	562,332	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MWD-2008-07	7,914,299	561,986	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MWD-2008-08	7,914,236	561,601	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MWD-2008-09	7,913,687	562,034	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MWD-2008-10	7,913,420	562,397	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MWD-2008-11	7,915,706	564,407	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MWD-2008-12	7,915,982	564,550	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MWD-2008-13	7,915,660	564,780	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MWD-2008-14	7,915,050	564,645	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MINE PIT OVERBURDEN (10 drillholes)														
MPO-2008-01	7,914,139	563,777	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MPO-2008-02	7,914,508	563,817	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MPO-2008-03	7,915,012	563,804	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MPO-2008-04	7,915,532	563,680	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MPO-2008-05	7,915,268	563,380	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MPO-2008-06	7,915,082	563,015	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MPO-2008-07	7,914,748	562,702	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MPO-2008-08	7,914,425	562,612	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MPO-2008-09	7,913,976	562,704	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
MPO-2008-10	7,913,595	562,995	N/A	N/A	N/A	Infrastructure		Mary River/Sheardown Lake	N/A	N/A	N/A	N/A	N/A	N/A
PORT SITE INFRASTRUCTURE (27 drillholes)														
PSI-2008-01	7,803,299	592,882	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-02	7,803,201	592,678	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-03	7,803,089	592,561	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-04	7,803,003	592,599	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-05	7,802,715	592,540	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-06	7,801,855	594,061	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-07	7,801,866	593,958	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-08	7,801,793	594,027	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-09	7,801,723	593,952	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-10	7,801,771	593,829	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-11	7,801,562	593,859	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-12	7,801,577	594,017	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-13	7,800,615	594,719	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-14	7,800,283	594,170	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-15	7,800,419	593,856	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-16	7,800,208	593,845	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-17	7,800,022	593,735	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-18	7,799,585	593,323	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-19	7,799,481	593,411	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-20	7,799,307	593,313	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-21	7,799,211	593,176	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-22	7,798,413	592,850	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-23	7,798,305	592,982	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-24	7,799,083	599,609	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-25	7,799,107	599,972	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-26	7,799,283	600,655	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSI-2008-27	7,799,474	601,386	N/A	N/A	N/A	Infrastructure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
OCEAN DRILLING (13 drillholes)														
PSD-2008-01	7,799,170	592,600	N/A	N/A	N/A	Ore Dock Departure		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSD-2008-02	7,797,570	592,950	N/A	N/A	N/A	Ore Dock Approach		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSD-2008-03	7,796,813	592,988	N/A	N/A	N/A	Ore Dock Approach		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSD-2008-04	7,797,960	592,885	N/A	N/A	N/A	Alternate Ore Dock		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSD-2008-05	7,797,915	592,910	N/A	N/A	N/A	Alternate Ore Dock		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSD-2008-06	7,797,880	592,904	N/A	N/A	N/A	Alternate Ore Dock		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSD-2008-07	7,797,800	592,924	N/A	N/A	N/A	Alternate Ore Dock		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSD-2008-08	7,797,760	592,955	N/A	N/A	N/A	Alternate Ore Dock		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSD-2008-09	7,797,720	592,960	N/A	N/A	N/A	Alternate Ore Dock		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSD-2008-10	7,803,316	592,612	N/A	N/A	N/A	Service Dock		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSD-2008-11	7,803,003	592,251	N/A	N/A	N/A	Construction Dock		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSD-2008-12	7,800,317	594,325	N/A	N/A	N/A	Bridge		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
PSD-2008-13	7,800,337	594,377	N/A	N/A	N/A	Bridge		Steensby Inlet	N/A	N/A	N/A	N/A	N/A	N/A
			Total Summer Drillholes Proposed for 2008 =	**462**										

I:\102-00181-12\Assignment\Data\Work Files\WF12 - 2008 Summer Drillhole and Water Locations [2008 Drillhole and Water Source Locations Rev 2.xls]Summer Drillholes
03-Jun-08

Notes:
1. Coordinates are from UTM (NAD 83) Zone 17 and are in metres.
2. Chainage and offset values were provided by AutoCAD.
3. Approximately 25 alternate (ALT) holes are planned for the alternate route alignments, but these will be assigned at a later date.
4. Actual locations of oriented core holes to be verified based on surface mapping and review of latest proposed design configuration prior to drilling.
5. Thermistors identified with a "*" will be monitored in spring and decommissioned prior to spring runoff.
6. Water source areas were calculated using AutoCAD and ArcView (GIS), and do not include the areas of connected watercourses and waterbodies (as per DFO protocol).
7.Water source volumes are based on a conservative estimate of waterbody depth based on aerial photographs and field experience along the Proposed Rail Alignment.
8. The estimated water volume available for drilling is 5% of the estimated water volume of the source.

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TABLE 2

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2008 GEOTECHNICAL INVESTIGATIONS

PROPOSED DRILLHOLE LOCATIONS - SUMMER DRILLHOLES WITHIN 30 M OF HIGH WATER MARK

Drillhole Number	Northing (m)	Easting (m)	Chainages (km+mmm)	Approximate Chainage (km)	Offset (m)	Drillhole Purpose	Instrumentation	Related Water Source	Water Source Northing (Estimated) (m)	Water Source Easting (Estimated) (m)	Estimated Water Source Area [5] (m^2)	Estimated Water Source Depth (m)	Estimated Water Source Volume [6] (m^3)	Estimated Water Volume Available for Drilling [7] (m^3)
BH3-2008-03	7,908,199.22	568,029.62	5+567.93	5.57	0	CV-5-3		WW-2	7,908,145	567,526	129,000	5.0	562,054	28,103
BH3-2008-06	7,907,202.35	569,734.95	7+549.02	7.55	0	CV-7-3		WW-3	7,907,252	568,669	9,106	5.0	23,492	1,175
BH3-2008-07	7,906,943.07	570,140.59	8+030.44	8.03	0	CV-8-1		WW-3	7,907,252	568,669	9,106	5.0	23,492	1,175
BH3-2008-09	7,906,538.88	570,772.92	8+780.92	8.78	0	BR-8-1		WW-4	7,906,131	569,184	13,820	5.0	41,951	2,098
BH3-2008-20	7,900,806.50	583,534.52	22+976.86	22.98	0	Alignment		WW-10	7,900,430	584,452	8,889	4.5	22,364	1,118
BH3-2008-21	7,900,074.43	585,380.42	24+978.85	24.98	-19	BR-25-1		WW-11	7,900,135	584,775	11,380	4.5	31,255	1,563
BH3-2008-22	7,900,055.67	585,399.91	25+005.88	25.01	-18	BR-25-1		WW-11	7,900,135	584,775	11,380	4.5	31,255	1,563
BH3-2008-23	7,900,036.70	585,419.19	25+032.89	25.03	-17	BR-25-1		WW-11	7,900,135	584,775	11,380	4.5	31,255	1,563
BH3-2008-26	7,898,884.72	586,671.95	26+758.35	26.76	0	Alignment		WW-13	7,898,383	586,898	27,500	5.0	99,203	4,960
BH3-2008-35	7,895,025.44	590,513.13	32+278.02	32.28	0	BR-32-1		WW-16	7,895,789	590,453	189,900	4.5	773,033	38,652
BH3-2008-37	7,893,204.72	592,393.78	35+078.65	35.08	0	CV-35-1		WW-19	7,893,129	592,992	149,100	5.0	656,326	32,816
BH3-2008-46	7,889,320.12	595,046.30	40+084.38	40.08	0	CV-40-1		WW-23	7,889,209	594,386	25,000	4.5	82,923	4,146
BH3-2008-53	7,874,444.24	599,450.03	57+777.51	57.78	0	BR-57-2		WW-26	7,874,237	598,951	428,600	4.5	1,806,235	90,312
BH3-2008-54	7,874,399.49	599,443.89	57+822.69	57.82	0	BR-57-2		WW-26	7,874,237	598,951	428,600	4.5	1,806,235	90,312
BH3-2008-55	7,872,533.19	598,854.72	59+781.45	59.78	0	BR-59-1		WW-27	7,872,465	598,016	117,900	4.5	466,320	23,316
BH3-2008-57	7,868,726.19	598,623.50	63+851.84	63.85	0	CV-63-1		WW-28	7,868,851	599,275	35,580	4.5	124,825	6,241
BH3-2008-58	7,865,483.70	601,046.31	68+035.25	68.04	0	CV-68-1		WW-30	7,865,435	600,887	17,730	4.5	54,877	2,744
BH3-2008-66	7,856,509.87	605,515.64	78+597.64	78.60	0	CV-78-1		WW-31	7,854,529	605,684	409,214	4.5	1,721,800	86,090
BH3-2008-67	7,856,459.47	605,518.71	78+648.13	78.65	0	CV-78-1		WW-31	7,854,529	605,684	409,214	4.5	1,721,800	86,090
BH3-2008-91	7,840,824.40	607,911.99	95+474.58	95.47	0	BR-95-1	Thermistor	WW-33	7,834,310	603,551	22,370,000	4.5	99,780,257	4,989,013
BH3-2008-92	7,840,734.07	608,024.88	95+619.16	95.62	0	BR-95-1		WW-33	7,834,310	603,551	22,370,000	4.5	99,780,257	4,989,013
BH3-2008-99	7,837,411.77	608,592.87	99+263.38	99.26	0	Alignment		WW-33	7,834,310	603,551	22,370,000	4.5	99,780,257	4,989,013
BH3-2008-158	7,815,483.69	598,636.33	128+189.70	128.19	0	Alignment		WW-34	7,815,698	599,570	308,000	4.5	1,282,185	64,109
BH3-2008-162	7,812,725.64	600,626.35	131+684.71	131.68	0	CV-131-1	Thermistor	WW-35	7,811,170	600,339	931,500	5.0	4,434,610	221,730
BH3-2008-168	7,810,295.16	600,196.38	134+705.70	134.71	0	Alignment		WW-36	7,807,889	601,147	9,853,000	4.5	43,751,324	2,187,566
BH3-2008-186	7,802,650.00	595,040.00	N/A	N/A	N/A	Alignment	Thermistor	WW-38	7,803,565	595,201	631,700	4.5	2,693,974	134,699
BH4-2008-16	7,902,992.42	577,424.14	16+400	16.40	0	CV-16-2		WW-6	7,902,935	576,646	25,290	5.0	89,724	4,486
BH4-2008-22	7,900,884.15	583,269.03	22+700	22.70	0	Alignment		WW-10	7,900,430	584,452	8,889	4.5	22,364	1,118
BH4-2008-25	7,900,384.55	584,840.01	24+350	24.35	0	CV-24-1		WW-11	7,900,135	584,775	11,380	4.5	31,255	1,563
BH4-2008-31	7,899,449.66	586,179.03	26+000	26.00	0	CV-25-2		WW-12	7,899,163	586,128	13,610	4.5	39,422	1,971
BH4-2008-34	7,895,924.97	589,410.12	30+850	30.85	0	CV-30-1		WW-15	7,896,280	588,559	222,700	4.5	919,374	45,969
BH4-2008-63	7,867,854.97	598,997.64	64+800	64.80	0	Alignment		WW-29	7,867,621	600,060	25,870	4.5	86,328	4,316
BH4-2008-75	7,851,185.70	606,386.01	84+250	84.25	0	CV-84-1		WW-31	7,854,529	605,684	409,214	4.5	1,721,800	86,090
BH4-2008-91	7,840,758.54	607,994.30	95+580	95.58	0	BR-95-1	Thermistor	WW-33	7,834,310	603,551	22,370,000	4.5	99,780,257	4,989,013
BH4-2008-115	7,824,321.70	598,593.30	119+000	119.00	0	CV-119-1		WW-33	7,834,310	603,551	22,370,000	4.5	99,780,257	4,989,013
BH4-2008-118	7,818,256.95	598,320.93	125+250	125.25	0	Alignment		WW-33	7,834,310	603,551	22,370,000	4.5	99,780,257	4,989,013
BH4-2008-124	7,810,238.44	599,907.59	135+000	135.00	0	Alignment		WW-36	7,807,889	601,147	9,853,000	4.5	43,751,324	2,187,566
BH4-2008-129	7,911,991.31	562,574.73	N/A	N/A	N/A	Mary R. Bridge		WW-1	7,911,278	563,108	22,882	4.5	74,673	3,734
Total Summer Drillholes Within 30 m of High Water Mark Proposed for 2008 =			**38**											

I:\102-00181-12\Assignment\Data\Work Files\WF12 - 2008 Summer Drillhole and Water Locations\[2008 Drillhole and Water Source Locations.xls]Summer Holes within 30m
02-Jun-08

Notes:
1. Coordinates are from UTM (NAD 83) Zone 17 and are in metres.
2. Chainage and offset values were provided by AutoCAD.
3. Actual locations of oriented core holes to be verified based on surface mapping and review of latest proposed design configuration prior to drilling.
4. Thermistors identified with a "*" will be monitored in spring and decommissioned prior to spring runoff.
5. Water source areas were calculated using AutoCAD and ArcView (GIS), and do not include the areas of connected watercourses and waterbodies (as per DFO protocol).
6. Water source volumes are based on a conservative estimate of waterbody depth based on aerial photographs and field experience along the Proposed Rail Alignment.
7. The estimated water volume available for drilling is 5% of the estimated water volume of the source.

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TABLE 3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2008 GEOTECHNICAL INVESTIGATIONS

PROPOSED WATER SOURCES FOR SUMMER DRILLHOLES MORE THAN 30 M FROM HIGH WATER MARK

Water Source Label	Water Source Northing (Estimated) (m)	Water Source Easting (Estimated) (m)	Estimated Water Source Area (m^2)	Estimated Water Source Depth (m)	Estimated Water Source Volume (m^3)	Estimated Water Volume Available for Drilling (m^3)	Estimated Volume of Water Required per Drillhole [1] (m^3/24 hr)	Number of Holes To Be Drilled Using this Source	Total Estimated Volume of Water To Be Used for Drilling [2] (m^3)	Estimated Percentage of Water Source Volume To Be Used for Drilling [3] (%)	Estimated Percentage of Available Water To Be Used for Drilling [4] (%)
SW-1	7,910,800	563,850	48,952	4	146,294	7,315	54.5	4	218	0.1	3.0
SW-2	7,910,210	565,020	483,488	4	1,613,523	80,676	54.5	5	273	0.0	0.3
SW-3	7,909,250	566,200	483,488	4	1,831,180	91,559	54.5	5	273	0.0	0.3
SW-4	7,908,190	567,650	129,933	4	466,456	23,323	54.5	3	164	0.0	0.7
SW-5	7,907,270	568,680	17,561	4	46,468	2,323	54.5	2	109	0.2	4.7
SW-6	7,907,110	569,190	9,168	4	21,254	1,063	54.5	4	218	1.0	20.5
SW-8	7,906,110	570,480	3,138	3	4,610	231	54.5	3	164	3.5	70.9
SW-9	7,904,580	571,400	22,906	4	63,044	3,152	54.5	3	164	0.3	5.2
SW-10	7,904,230	573,210	123,157	5	534,742	26,737	54.5	8	436	0.1	1.6
SW-11	7,903,600	575,600	24,024	3	51,112	2,556	54.5	4	218	0.4	8.5
SW-12	7,903,500	575,950	12,023	3	26,953	1,348	54.5	3	164	0.6	12.1
SW-14	7,903,100	577,400	2,529	3	3,419	171	54.5	2	109	3.2	63.8
SW-15	7,902,625	578,000	17,419	3	35,928	1,796	54.5	3	164	0.5	9.1
SW-16	7,902,380	578,740	1,656	3	1,585	79	54.5	1	55	3.4	68.8
SW-17	7,902,000	578,870	1,326	2	1,307	65	54.5	1	55	4.2	83.4
SW-18	7,901,600	579,750	142,453	3	395,979	19,799	54.5	4	218	0.1	1.1
SW-19	7,901,590	580,610	5,820	4	11,737	587	54.5	3	164	1.4	27.9
SW-20	7,901,000	581,950	4,406	3	7,700	385	54.5	5	273	3.5	70.8
SW-21	7,900,200	583,290	2,427	2	3,034	152	54.5	2	109	3.6	71.8
SW-22	7,900,435	584,445	8,951	3	16,915	846	54.5	1	55	0.3	6.4
SW-23	7,900,470	584,860	6,069	3	11,730	587	54.5	1	55	0.5	9.3
SW-24	7,900,225	585,175	1,670	2	1,656	83	54.5	1	55	3.3	65.8
SW-25	7,900,225	585,810	5,117	2	6,189	309	54.5	4	218	3.5	70.4
SW-26	7,899,250	586,000	5,594	3	10,564	528	54.5	1	55	0.5	10.3
SW-27	7,899,025	586,325	9,396	3	20,130	1,006	54.5	1	55	0.3	5.4
SW-28	7,898,400	586,900	27,694	4	78,097	3,905	54.5	2	109	0.1	2.8
SW-29	7,897,475	588,300	8,354	3	17,464	873	54.5	2	109	0.6	12.5
SW-30	7,896,300	588,550	224,280	3	633,468	31,673	54.5	2	109	0.0	0.3
SW-31	7,896,350	589,050	4,994	3	8,405	420	54.5	1	55	0.6	13.0
SW-32	7,894,590	590,800	9,213	3	17,491	875	54.5	2	109	0.6	12.5
SW-33	7,894,150	591,050	46,582	4	154,427	7,721	54.5	2	109	0.1	1.4
SW-34	7,893,100	592,900	150,118	5	603,054	30,153	54.5	2	109	0.0	0.4
SW-35	7,892,400	593,050	51,555	5	189,522	9,476	54.5	1	55	0.0	0.6
SW-36	7,892,300	593,575	2,249	2	2,746	137	54.5	1	55	2.0	39.7
SW-37	7,891,800	594,450	3,490	2	4,797	240	54.5	1	55	1.1	22.7
SW-38	7,891,000	594,000	540,607	3	1,560,693	78,035	54.5	1	55	0.0	0.1
SW-39	7,890,250	594,600	16,551	4	43,372	2,169	54.5	1	55	0.1	2.5
SW-40	7,891,395	597,875	18,105	3	43,128	2,156	54.5	1	55	0.1	2.5
SW-41	7,889,750	594,600	5,082	3	8,589	429	54.5	2	109	1.3	25.4
SW-42	7,889,300	595,650	5,667	2	6,936	347	54.5	1	55	0.8	15.7
SW-43	7,888,500	595,550	8,611	2	10,988	549	54.5	1	55	0.5	9.9
SW-44	7,887,200	596,400	13,690	2	23,057	1,153	54.5	1	55	0.2	4.7
SW-45	7,886,350	596,550	2,331	1	1,885	94	54.5	1	55	2.9	57.8
SW-46	7,885,700	596,450	63,751	5	239,648	11,982	54.5	1	55	0.0	0.5
SW-47	7,885,300	597,950	11,549	4	28,260	1,413	54.5	1	55	0.2	3.9
SW-48	7,884,200	596,600	31,214	3	78,955	3,948	54.5	1	55	0.1	1.4
SW-49	7,883,880	597,330	19,815	3	41,410	2,070	54.5	1	55	0.1	2.6
SW-50	7,882,850	597,950	411,662	4	1,368,210	68,411	54.5	1	55	0.0	0.1
SW-51	7,882,300	598,500	41,799	3	92,693	4,635	54.5	2	109	0.1	2.4
SW-52	7,881,700	598,050	15,604	3	31,798	1,590	54.5	1	55	0.2	3.4
SW-53	7,881,500	596,750	22,011	4	60,250	3,012	54.5	1	55	0.1	1.8
SW-54	7,880,260	598,370	15,033	3	30,503	1,525	54.5	1	55	0.2	3.6
SW-55	7,879,450	596,750	50,835	3	133,759	6,688	54.5	2	109	0.1	1.6
SW-56	7,878,450	597,450	40,420	3	89,442	4,472	54.5	1	55	0.1	1.2
SW-57	7,878,250	597,850	74,020	3	199,441	9,972	54.5	3	164	0.1	1.6
SW-58	7,876,050	599,350	11,711	3	26,135	1,307	54.5	1	55	0.2	4.2
SW-59	7,875,650	598,650	3,769	3	6,203	310	54.5	2	109	1.8	35.1
SW-60	7,874,255	598,995	431,632	3	1,240,275	62,014	54.5	2	109	0.0	0.2
SW-61	7,873,250	598,350	18,681	4	49,917	2,496	54.5	1	55	0.1	2.2
SW-62	7,871,855	600,200	24,474	3	52,153	2,608	54.5	1	55	0.1	2.1
SW-63	7,871,310	599,070	7,362	3	14,952	748	54.5	1	55	0.4	7.3
SW-64	7,870,920	598,170	5,480	3	9,427	471	54.5	1	55	0.6	11.6
SW-65	7,870,570	597,700	1,982	3	2,384	119	54.5	2	109	4.6	91.4
SW-66	7,869,425	598,800	50,866	4	152,511	7,626	54.5	1	55	0.0	0.7
SW-67	7,868,350	599,380	1,346	2	1,256	63	54.5	1	55	4.3	86.8
SW-68	7,867,000	599,750	3,826	4	6,391	320	54.5	1	55	0.9	17.1
SW-69	7,865,660	599,720	3,338	2	3,806	190	54.5	1	55	1.4	28.6
SW-70	7,865,455	600,900	17,855	4	47,370	2,369	54.5	1	55	0.1	2.3
SW-71	7,865,250	601,750	14,299	3	32,957	1,648	54.5	1	55	0.2	3.3
SW-72	7,863,968	602,975	30,482	2	42,094	2,105	54.5	1	55	0.1	2.6
SW-73	7,862,780	603,200	2,396	2	2,576	129	54.5	1	55	2.1	42.3
SW-74	7,862,110	602,790	7,632	2	9,632	482	54.5	1	55	0.6	11.3
SW-75	7,860,700	603,650	5,450	2	6,641	332	54.5	1	55	0.8	16.4
SW-76	7,860,125	604,120	4,601	2	5,491	275	54.5	2	109	2.0	39.7
SW-77	7,859,745	604,015	3,915	2	4,572	229	54.5	1	55	1.2	23.8
SW-78	7,858,625	604,400	5,442	2	6,629	331	54.5	3	164	2.5	49.3
SW-79	7,857,740	605,440	2,041	3	2,495	125	54.5	2	109	4.4	87.4
SW-80	7,856,720	605,320	1,429	2	1,358	68	54.5	1	55	4.0	80.3
SW-81	7,856,165	605,665	2,215	2	2,691	135	54.5	1	55	2.0	40.5
SW-82	7,855,500	605,700	618,958	3	1,791,465	89,573	54.5	2	109	0.0	0.1
SW-83	7,854,450	605,700	618,958	4	2,359,549	117,977	54.5	2	109	0.0	0.1
SW-84	7,853,250	605,950	618,958	3	1,791,465	89,573	54.5	2	109	0.0	0.1
SW-85	7,852,380	606,760	6,200	2	9,491	475	54.5	1	55	0.6	11.5
SW-86	7,851,560	606,610	11,250	2	18,581	929	54.5	1	55	0.3	5.9
SW-87	7,850,380	606,440	5,900	2	8,962	448	54.5	2	109	1.2	24.3
SW-88	7,849,415	606,485	6,200	2	9,491	475	54.5	2	109	1.1	23.0
SW-89	7,848,280	606,560	5,800	2	7,117	356	54.5	3	164	2.3	45.9
SW-90	7,847,400	606,700	126,842	3	350,917	17,546	54.5	2	109	0.0	0.6
SW-91	7,846,925	606,550	3,421,025	4	13,410,727	670,536	54.5	1	55	0.0	0.0
SW-92	7,846,650	606,575	3,421,025	4	13,410,727	670,536	54.5	1	55	0.0	0.0
SW-93	7,846,025	606,575	3,421,025	4	13,410,727	670,536	54.5	1	55	0.0	0.0
SW-94	7,845,570	606,515	3,421,025	4	13,410,727	670,536	54.5	1	55	0.0	0.0
SW-95	7,844,685	606,235	3,421,025	4	13,410,727	670,536	54.5	1	55	0.0	0.0
SW-96	7,844,350	606,075	3,421,025	4	13,410,727	670,536	54.5	1	55	0.0	0.0
SW-97	7,843,935	606,200	3,421,025	4	13,410,727	670,536	54.5	1	55	0.0	0.0
SW-98	7,843,450	606,255	3,421,025	4	13,410,727	670,536	54.5	1	55	0.0	0.0
SW-99	7,843,050	606,455	3,421,025	4	13,410,727	670,536	54.5	1	55	0.0	0.0
SW-100	7,842,315	606,725	3,421,025	4	13,410,727	670,536	54.5	1	55	0.0	0.0
SW-101	7,841,770	607,195	3,421,025	4	13,410,727	670,536	54.5	2	109	0.0	0.0
SW-102	7,841,500	607,205	3,421,025	4	13,410,727	670,536	54.5	1	55	0.0	0.0
SW-103	7,841,075	607,875	22,523,700	3	67,176,532	3,358,827	54.5	9	491	0.0	0.0
SW-104	7,834,160	603,350	22,523,700	4	89,393,346	4,469,667	54.5	49	2,671	0.0	0.1
SW-105	7,825,470	597,430	2,014	4	28,460	1,423	54.5	4	218	0.8	15.3
SW-106	7,821,670	597,460	10,628,400	4	42,031,748	2,101,587	54.5	16	872	0.0	0.0
SW-107	7,818,875	598,175	949	2	15,680	784	54.5	7	382	2.4	48.7
SW-108	7,817,540	598,230	8,060	4	18,971	949	54.5	1	55	0.3	5.7
SW-109	7,816,700	598,900	26,474	4	81,847	4,092	54.5	1	55	0.1	1.3
SW-110	7,816,250	598,700	6,215	2	9,517	476	54.5	1	55	0.6	11.5
SW-111	7,815,455	598,455	24,300	2	42,841	2,142	54.5	1	55	0.1	2.5
SW-112	7,815,300	599,300	12,584	3	24,983	1,249	54.5	1	55	0.2	4.4
SW-113	7,815,180	598,610	4,944	2	5,955	298	54.5	1	55	0.9	18.3
SW-114	7,813,975	600,200	216,936	4	706,571	35,329	54.5	1	55	0.0	0.2
SW-115	7,813,550	600,725	45,989	2	84,053	4,203	54.5	1	55	0.1	1.3
SW-116	7,812,625	600,425	40,899	2	57,144	2,857	54.5	1	55	0.1	1.9
SW-117	7,811,525	600,800	937,929	4	3,608,574	180,429	54.5	5	273	0.0	0.2
SW-118	7,810,600	600,875	138,877	4	443,898	22,195	54.5	2	109	0.0	0.5
SW-119	7,810,150	599,250	305,212	3	869,706	43,485	54.5	4	218	0.0	0.5
SW-120	7,809,200	598,250	167,866	3	469,534	23,477	54.5	1	55	0.0	0.2
SW-121	7,808,200	598,800	9,921,335	4	39,219,792	1,960,990	54.5	2	109	0.0	0.0
SW-122	7,807,700	598,500	113,094	3	311,324	15,566	54.5	6	327	0.1	2.1
SW-123	7,806,775	598,600	53,792	4	162,025	8,101	54.5	3	164	0.1	2.0
SW-124	7,806,100	598,150	2,690,792	4	9,232,146	461,607	54.5	2	109	0.0	0.0
SW-125	7,805,150	598,125	21,512	3	52,341	2,617	54.5	1	55	0.1	2.1
SW-126	7,804,775	597,750	1,993,774	4	6,818,426	340,921	54.5	1	55	0.0	0.0
SW-127	7,802,715	595,700	82,140	3	222,593	11,130	54.5	1	55	0.0	0.5
SW-128	7,801,700	595,350	84,320	3	228,817	11,441	54.5	1	55	0.0	0.5
SW-129	7,906,620	572,035	6,698	3	13,291	665	54.5	1	55	0.4	8.2
SW-130	7,897,235	590,725	16,532	4	47,126	2,356	54.5	1	55	0.1	2.3
SW-131	7,912,046	561,979	32,451	4	103,179	5,159	54.5	1	55	0.1	1.1
SW-132	7,912,039	561,980	32,562	5	121,135	6,057	54.5	1	55	0.0	0.9

Notes:
1. Estimated water volume required per drillhole is based on a pump rate of 10 USgpm and a time of 24 hours to drill each hole.
2. The volume of water to be used for drilling is based on the number of holes that are to be drilled using each water source and the volume of water required per hole.
3. The estimated percentage of water source volume to be used for drilling represents the percentage of the estimated total water source volume that is to be used for drilling.
4. The estimated percentage of available water to be used for drilling is the percentage of the available water volume (5% of total volume) that is to be used for drilling.

Knight Piésold
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TABLE 4

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2008 GEOTECHNICAL INVESTIGATIONS

PROPOSED WATER SOURCES FOR SUMMER DRILLHOLES WITHIN 30 M OF HIGH WATER MARK

Water Source Label	Water Source Northing (Estimated) (m)	Water Source Easting (Estimated) (m)	Estimated Water Source Area (m^2)	Estimated Water Source Depth (m)	Estimated Water Source Volume (m^3)	Estimated Water Volume Available for Drilling (m^3)	Estimated Volume of Water Required per Drillhole [1] (m^3/24 hr)	Number of Holes To Be Drilled Using this Source	Total Estimated Volume of Water To Be Used for Drilling [2] (m^3)	Estimated Percentage of Water Source Volume To Be Used for Drilling [3] (%)	Estimated Percentage of Available Water To Be Used for Drilling [4] (%)
WW-1	7,911,278	563,108	22,882	5	74,673	3,734	54.5	1	55	0.073	1.460
WW-2	7,908,145	567,526	129,000	5	562,054	28,103	54.5	1	55	0.010	0.194
WW-3	7,907,252	568,669	9,106	5	23,492	1,175	54.5	2	109	0.464	9.280
WW-4	7,906,131	569,184	13,820	5	41,951	2,098	54.5	1	55	0.130	2.598
WW-6	7,902,935	576,646	25,290	5	89,724	4,486	54.5	2	109	0.121	2.430
WW-10	7,900,430	584,452	8,889	5	22,364	1,118	54.5	2	109	0.487	9.748
WW-11	7,900,135	584,775	11,380	5	31,255	1,563	54.5	4	218	0.697	13.950
WW-12	7,899,163	586,128	13,610	5	39,422	1,971	54.5	1	55	0.138	2.765
WW-13	7,898,383	586,898	27,500	5	99,203	4,960	54.5	1	55	0.055	1.099
WW-15	7,896,280	588,559	222,700	5	919,374	45,969	54.5	1	55	0.006	0.119
WW-16	7,895,789	590,453	189,900	5	773,033	38,652	54.5	1	55	0.007	0.141
WW-19	7,893,129	592,992	149,100	5	656,326	32,816	54.5	1	55	0.008	0.166
WW-23	7,889,209	594,386	25,000	5	82,923	4,146	54.5	1	55	0.066	1.314
WW-26	7,874,237	598,951	428,600	5	1,806,235	90,312	54.5	2	109	0.006	0.121
WW-27	7,872,465	598,016	117,900	5	466,320	23,316	54.5	1	55	0.012	0.234
WW-28	7,868,851	599,275	35,580	5	124,825	6,241	54.5	1	55	0.044	0.873
WW-29	7,867,621	600,060	25,870	5	86,328	4,316	54.5	1	55	0.063	1.263
WW-30	7,865,435	600,887	17,730	5	54,877	2,744	54.5	1	55	0.099	1.986
WW-31	7,854,529	605,684	409,214	5	1,721,800	86,090	54.5	3	164	0.009	0.190
WW-33	7,834,310	603,551	22,370,000	5	99,780,257	4,989,013	54.5	6	327	0.000	0.007
WW-34	7,815,698	599,570	308,000	5	1,282,185	64,109	54.5	1	55	0.004	0.085
WW-35	7,811,170	600,339	931,500	5	4,434,610	221,730	54.5	1	55	0.001	0.025
WW-36	7,807,889	601,147	9,853,000	5	43,751,324	2,187,566	54.5	2	109	0.000	0.005
WW-38	7,803,565	595,201	631,700	5	2,693,974	134,699	54.5	1	55	0.002	0.040

I:\102-00181-12\Assignment\Data\Work Files\WF12 - 2008 Summer Drillhole and Water Locations\[2008 Drillhole and Water Source Locations Rev 2.xls]Water Sources for 30m
3-Jun-08

Notes:

1. Estimated water volume required per drillhole is based on a pump rate of 10 USgpm and a time of 24 hours to drill each hole.
2. The volume of water to be used for drilling is based on the number of holes that are to be drilled using each water source and the volume of water required per hole.
3. The estimated percentage of water source volume to be used for drilling represents the percentage of the estimated total water source volume that is to be used for drilling.
4. The estimated percentage of available water to be used for drilling is the percentage of the available water volume (5% of total volume) that is to be used for drilling.

XREF FILE(S): Southern Route Detailed Mapping; PROJECT SITE PLAN 2m INTERVAL; Ravn river alternatives; Limits of Eagle Mapping; Proposed Winter water sources; Proposed Borrow Locations; Summer_Water_Sources; Updated_Winter_Drillholes_(02.15.08); Updated_Summer_Drillholes_(02.15.08); COMPLETED_2007_DRILLHOLES_PLAN; Updated_PROPOSED_SUMMER_Dri

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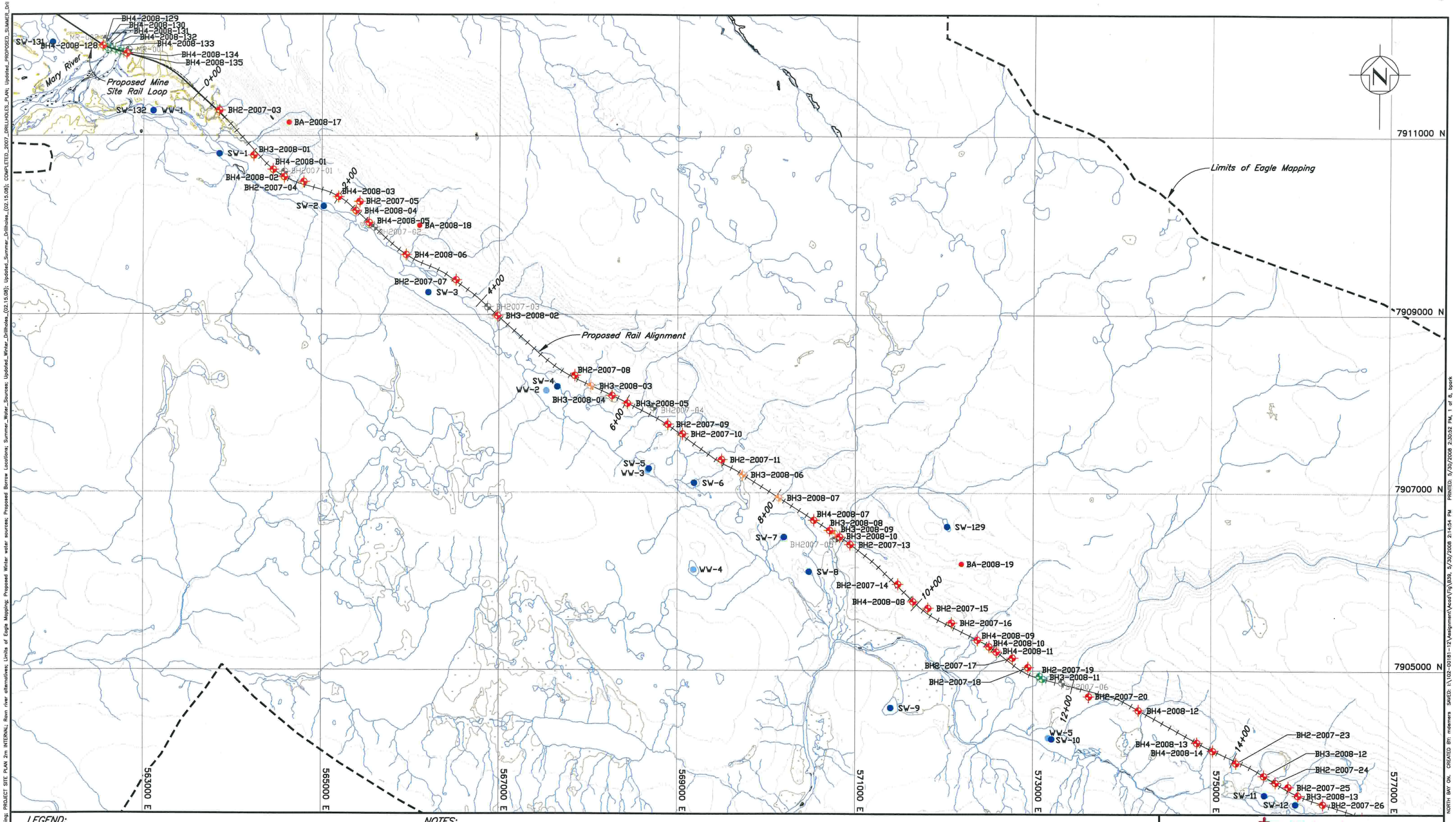


LEGEND:

- Proposed Winter Drillhole
- Proposed Summer and/or Winter Water Source
- Proposed Summer Drillhole
- Proposed Summer Drillhole within 30m of high water mark
- Proposed Summer Water Source
- Drillholes Completed in 2007
- Borrow Source Location
- 0+00 Station marker (km)
- River/Stream/Drainage
- Wetland

NOTES:

1. Topography provided by Eagle Mapping (2005).
2. Coordinate grid is shown in UTM (NAD 83) Zone 17 and is in metres.
3. Contours are in metres. Contour interval is 25 metres.
4. Proposed Rail Alignment provided by Canarail on January 11, 2008.
5. Ravn River Alternate Routes provided by Canarail on January 25, 2008.
6. Drillhole and water source locations may vary depending on actual site conditions. Drillhole locations may change due to changes in infrastructure locations.
7. Approximately 25 additional drillholes (ALT–2008) will be proposed to investigate the potential alternate route alignments. The locations of these drillholes are yet to be finalized.
8. Borrow source locations are approximate and final coordinates will be determined pending site reconnaissance.

Scale 400 200 0 400 800 1200 1600 2000 Metres

Baffinland Iron Mines Corporation

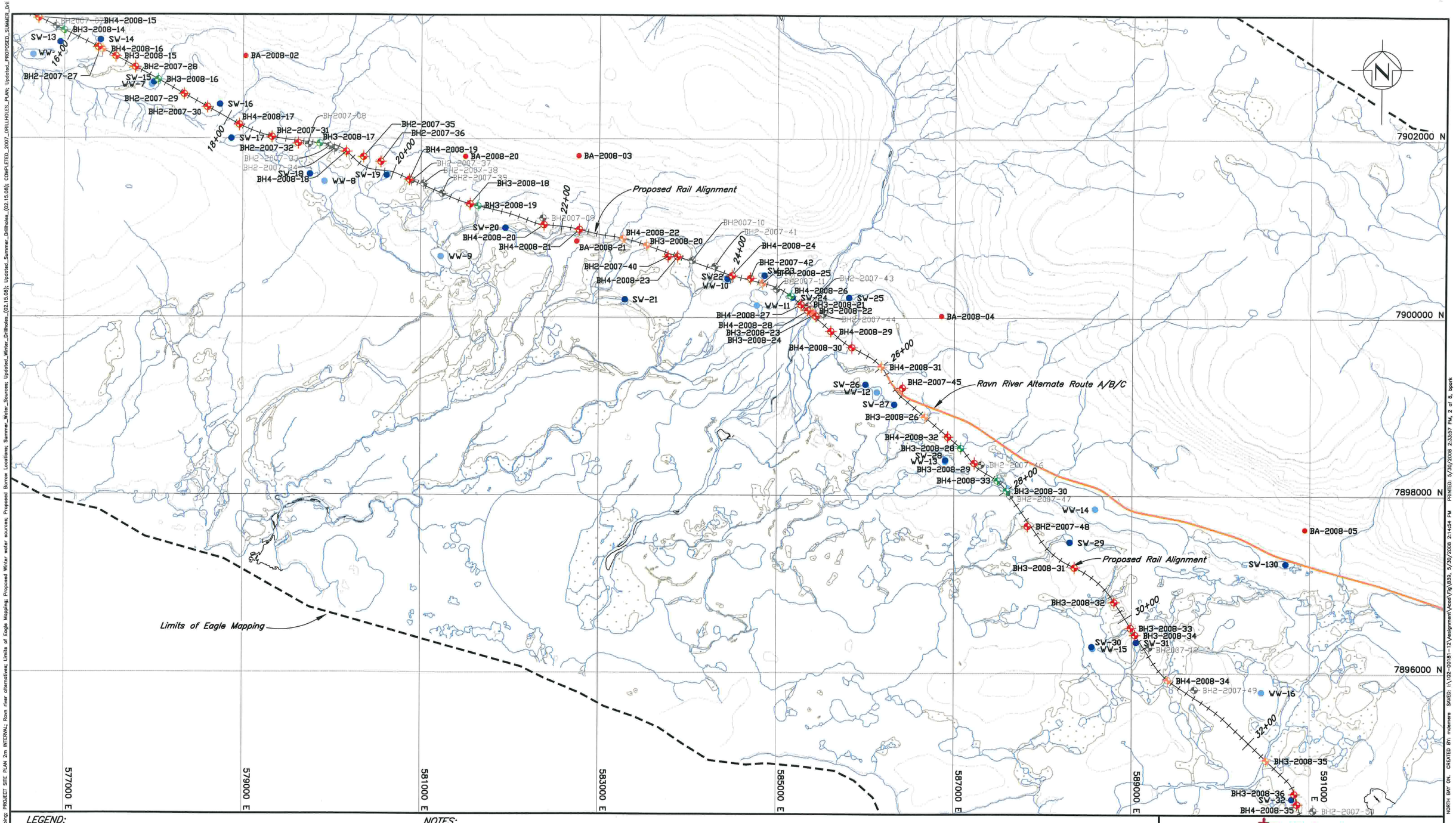
MARY RIVER PROJECT

PROPOSED RAIL ALIGNMENT SITE INVESTIGATION PLAN (SHEET 1 OF 8)

Knight Piésold CONSULTING

P/A NO.	REF.	REV.
NB102-00181/12	NB08-00583	0

FIGURE 1



XREF FILE(S): Southern Route Detailed Mapping; PROJECT SITE PLAN 2m INTERVAL; Ravn river alternatives; Limits of Eagle Mapping; Proposed Winter water sources; Proposed Borrow Locations; Summer_Water_Sources; Updated_Winter_Drillholes_(02.15.08); Updated_Summer_Drillholes_(02.15.08); COMPLETED_2007_DRILLHOLES_PLAN; Updated_PROPOSED_SUMMER_Dri

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LEGEND:

- Proposed Winter Drillhole
- Proposed Summer and/or Winter Water Source
- Proposed Summer Drillhole
- Proposed Summer Drillhole within 30m of high water mark
- Proposed Summer Water Source
- Drillholes Completed in 2007
- Borrow Source Location
- 0+00 Station marker (km)
- River/Stream/Drainage
- Wetland

NOTES:

1. Topography provided by Eagle Mapping (2005).
2. Coordinate grid is shown in UTM (NAD 83) Zone 17 and is in metres.
3. Contours are in metres. Contour interval is 25 metres.
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5. Ravn River Alternate Routes provided by Canarail on January 25, 2008.
6. Drillhole and water source locations may vary depending on actual site conditions. Drillhole locations may change due to changes in infrastructure locations.
7. Approximately 25 additional drillholes (ALT–2008) will be proposed to investigate the potential alternate route alignments. The locations of these drillholes are yet to be finalized.
8. Borrow source locations are approximate and final coordinates will be determined pending site reconnaissance.

Scale 400 200 0 400 800 1200 1600 2000 Metres

Baffinland
Iron Mines Corporation

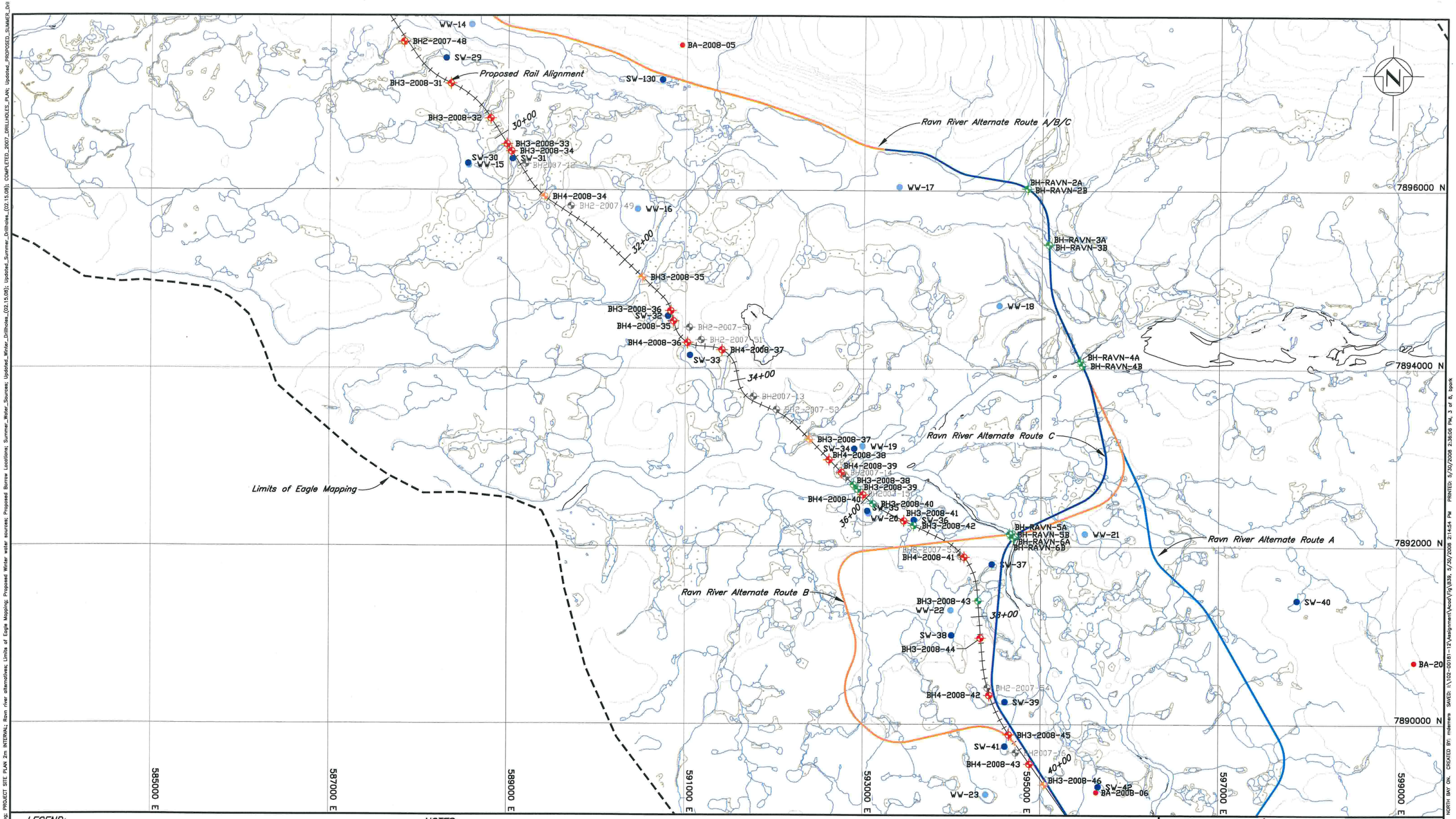
MARY RIVER PROJECT

PROPOSED RAIL ALIGNMENT SITE INVESTIGATION PLAN (SHEET 2 OF 8)

Knight Piésold CONSULTING

P/A NO.	REF.	REV.
NB102-00181/12	NB08-00583	0

FIGURE 2



LEGEND:

- Proposed Winter Drillhole
- Proposed Summer and/or Winter Water Source
- Proposed Summer Drillhole
- Proposed Summer Drillhole within 30m of high water mark
- Proposed Summer Water Source
- Drillholes Completed in 2007
- Borrow Source Location
- 0+00 Station marker (km)
- River/Stream/Drainage
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NOTES:

1. Topography provided by Eagle Mapping (2005).
2. Coordinate grid is shown in UTM (NAD 83) Zone 17 and is in metres.
3. Contours are in metres. Contour interval is 25 metres.
4. Proposed Rail Alignment provided by Canarail on January 11, 2008.
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8. Borrow source locations are approximate and final coordinates will be determined pending site reconnaissance.

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Baffinland Iron Mines Corporation

MARY RIVER PROJECT

PROPOSED RAIL ALIGNMENT SITE INVESTIGATION PLAN (SHEET 3 OF 8)

Knight Piésold CONSULTING

P/A NO.	REF.	REV.
NB102-00181/12	NB08-00583	0

FIGURE 3

XREF FILE(S): Southern Route Detailed Mapping; PROJECT SITE PLAN 2m INTERVAL; Ravn river alternatives; Limits of Eagle Mapping; Proposed Winter water sources; Proposed Borrow Locations; Summer_Water_Sources; Updated_Winter_Drillholes_(02.15.08); Updated_Summer_Drillholes_(02.15.08); COMPLETED_2007_DRILLHOLES_PLAN; Updated_PROPOSED_SUMMER_Dril
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NORTH BAY ON.
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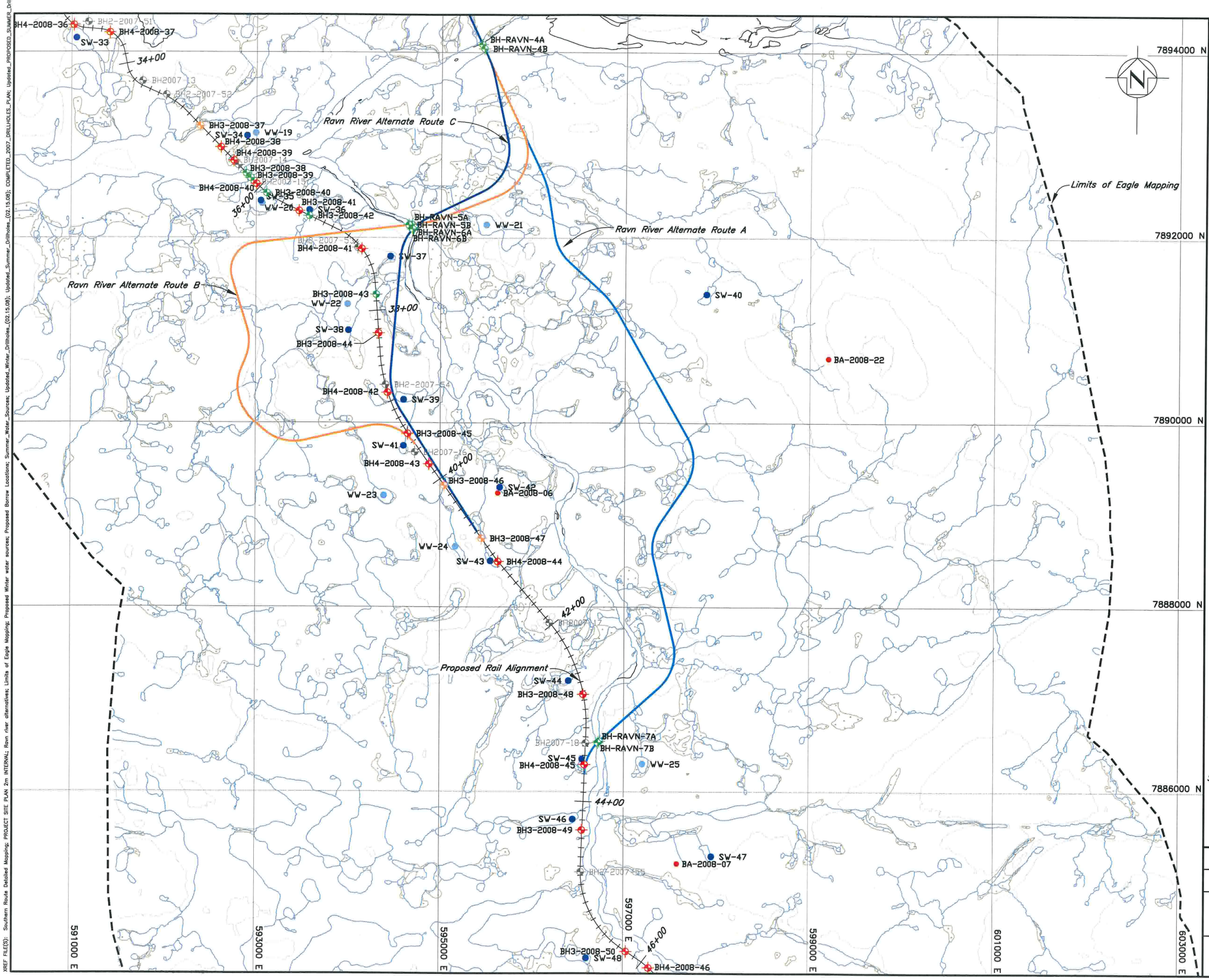


LEGEND:

- *Proposed Winter Drillhole*
- *Proposed Summer and/or Winter Water Source*
- *Proposed Summer Drillhole*
- *Proposed Summer Drillhole within 30m of high water mark*
- *Proposed Summer Water Source*
- *Drillholes Completed in 2007*
- *Borrow Source Location*
- *0+00 Station marker (km)*
- *River/Stream/Drainage*
- *Wetland*

NOTES:

1. *Topography provided by Eagle Mapping (2005).*
2. *Coordinate grid is shown in UTM (NAD 83) Zone 17 and is in metres.*
3. *Contours are in metres. Contour interval is 25 metres.*
4. *Proposed Rail Alignment provided by Canarail on January 11, 2008.*
5. *Ravn River Alternate Routes provided by Canarail on January 25, 2008.*
6. *Drillhole and water source locations may vary depending on actual site conditions. Drillhole locations may change due to changes in infrastructure locations.*
7. *Approximately 25 additional drillholes (ALT-2008) will be proposed to investigate the potential alternate route alignments. The locations of these drillholes are yet to be finalized.*
8. *Borrow source locations are approximate and final coordinates will be determined pending site reconnaissance.*

Scale 400 200 0 400 800 1200 1600 2000 Metres

Baffinland Iron Mines Corporation

MARY RIVER PROJECT

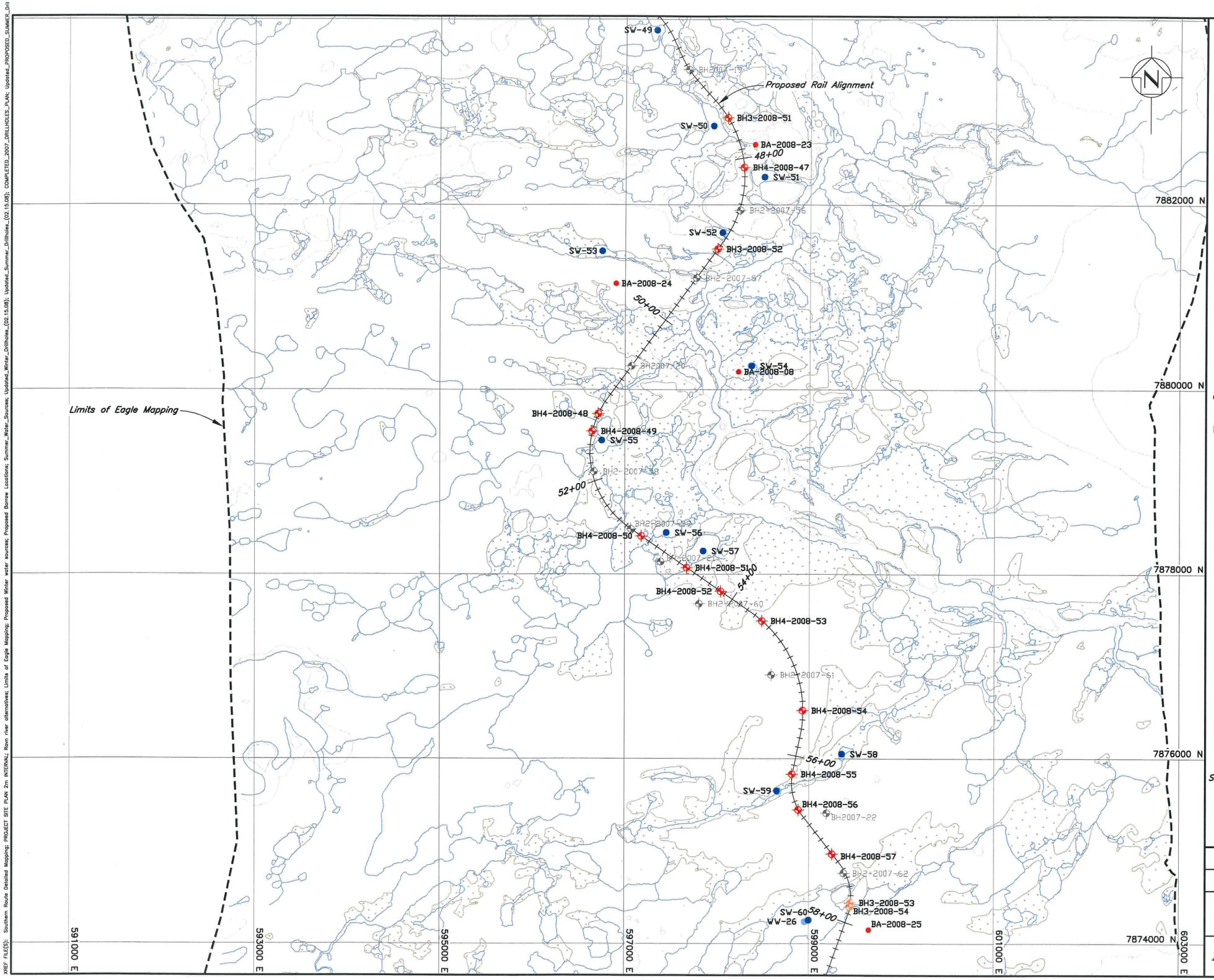
PROPOSED RAIL ALIGNMENT SITE INVESTIGATION PLAN (SHEET 4 OF 8)

Knight Piésold CONSULTING

P/A NO.	REF.	REV.
NB102-00181/12	NB08-00583	0

FIGURE 4

XREF FILE(S): Southern Route Detailed Mapping; PROJECT SITE PLAN 2m INTERVAL; Ravn river alternatives; Limits of Eagle Mapping; Proposed Winter water sources; Proposed Borrow Locations; Summer_Water_Sources; Updated_Winter_Drillholes_(02.15.08); Updated_Summer_Drillholes_(02.15.08); COMPLETED_2007_DRILLHOLES_PLAN; Updated_PROPOSED_SUMMER_Dril
NORTH BAY ON. CREATED BY: mbemera SAVED: I:\102-00181-12\Alignment\Acad\Fig\839, 5/30/2008 2:14:54 PM PRINTED: 5/30/2008 2:38:31 PM, 4 of 8, bpark



LEGEND:

- Proposed Winter Drillhole
- Proposed Summer and/or Winter Water Source
- Proposed Summer Drillhole
- Proposed Summer Drillhole within 30m of high water mark
- Proposed Summer Water Source
- Drillholes Completed in 2007
- Borrow Source Location
- 0+00 Station marker (km)
- River/Stream/Drainage
- Wetland

NOTES:

1. Topography provided by Eagle Mapping (2005).
2. Coordinate grid is shown in UTM (NAD 83) Zone 17 and is in metres.
3. Contours are in metres. Contour interval is 25 metres.
4. Proposed Rail Alignment provided by Canarail on January 11, 2008.
5. Ravn River Alternate Routes provided by Canarail on January 25, 2008.
6. Drillhole and water source locations may vary depending on actual site conditions. Drillhole locations may change due to changes in infrastructure locations.
7. Approximately 25 additional drillholes (ALT-2008) will be proposed to investigate the potential alternate route alignments. The locations of these drillholes are yet to be finalized.
8. Borrow source locations are approximate and final coordinates will be determined pending site reconnaissance.

Scale 400 200 0 400 800 1200 1600 2000 Metres

Baffinland Iron Mines Corporation

MARY RIVER PROJECT

PROPOSED RAIL ALIGNMENT
SITE INVESTIGATION PLAN
(SHEET 5 OF 8)

Knight Piésold CONSULTING

P/A NO.	REF.	REV.
NB102-00181/12	NB08-00583	0

FIGURE 5

XREF FILE(S): Southern Route Detailed Mapping; PROJECT SITE PLAN 2m INTERVAL; Ravn river alternatives; Limits of Eagle Mapping; Proposed Winter water sources; Proposed Borrow Locations; Summer_Water_Sources; Updated_Winter_Drillholes_(02.15.08); Updated_Summer_Drillholes_(02.15.08); COMPLETED_2007_DRILLHOLES_PLAN; Updated_PROPOSED_SUMMER_Dri
NORTH BAY ON, CREATED BY: mdemers SAVED: I:\102-00181-12\Assignment\Vcad\Fig\639, 5/30/2008 2:14:54 PM PRINTED: 5/30/2008 2:40:40 PM, 5 of 8, bpark

BH4-2008-58
SW-61
BH2-2007-63
BA-2008-09
BH3-2008-55
WW-27
60+00
BH2-2007-64
SW-62
BH4-2008-59
SW-63
SW-64
BH4-2008-60
BH2-2007-65
SW-65
62+00
BH4-2008-61
BH2007-23
BH4-2008-62
BH3-2008-56
SW-66
Proposed Rail Alignment
WW-28
BH3-2008-57
64+00
BA-2008-10
SW-67
BH2-2007-66
BH4-2008-63
WW-29
SW-68
BH4-2008-64
66+00
BH2007-24
BH2-2007-6
Limits of Eagle Mapping
BA-2008-11
SW-69
BH4-2008-65
68+00
SW-70
WW-30
BH3-2008-58
SW-71
BH4-2008-66
BH2007-25
BH2-2007-68
70+00
SW-72
BH3-2008-59

7872000 N
7870000 N
7868000 N
7866000 N
7864000 N
595000 E
597000 E
599000 E
601000 E
603000 E
605000 E

LEGEND:

- Proposed Winter Drillhole
- Proposed Summer and/or Winter Water Source
- Proposed Summer Drillhole
- Proposed Summer Drillhole within 30m of high water mark
- Proposed Summer Water Source
- Drillholes Completed in 2007
- Borrow Source Location
- 0+00 Station marker (km)
- River/Stream/Drainage
- Wetland

NOTES:

1. Topography provided by Eagle Mapping (2005).
2. Coordinate grid is shown in UTM (NAD 83) Zone 17 and is in metres.
3. Contours are in metres. Contour interval is 25 metres.
4. Proposed Rail Alignment provided by Canarail on January 11, 2008.
5. Ravn River Alternate Routes provided by Canarail on January 25, 2008.
6. Drillhole and water source locations may vary depending on actual site conditions. Drillhole locations may change due to changes in infrastructure locations.
7. Approximately 25 additional drillholes (ALT-2008) will be proposed to investigate the potential alternate route alignments. The locations of these drillholes are yet to be finalized.
8. Borrow source locations are approximate and final coordinates will be determined pending site reconnaissance.

Scale 400 200 0 400 800 1200 1600 2000 Metres

Baffinland Iron Mines Corporation

MARY RIVER PROJECT

PROPOSED RAIL ALIGNMENT SITE INVESTIGATION PLAN (SHEET 6 OF 8)

Knight Piésold CONSULTING

P/A NO.	REF.	REV.
NB102-00181/12	NB08-00583	0

FIGURE 6

XREF FILE(S): Southern Route Detailed Mapping; PROJECT SITE PLAN 2m INTERVAL; Ravn river alternatives; Limits of Eagle Mapping; Proposed Winter water sources; Proposed Borrow Locations; Summer_Water_Sources; Updated_Winter_Drillholes_(02.15.08); Updated_Summer_Drillholes_(02.15.08); COMPLETED_2007_DRILLHOLES_PLAN; Updated_PROPOSED_SUMMER_Dril

NORTH BAY ON. CREATED BY: mdemers SAVED: I:\102-00181-12\Alignment\Vocol\Fig\839, 5/30/2008 2:14:54 PM PRINTED: 5/30/2008 2:43:12 PM, 6 of 8, bpark

XREF FILE(S): Southern Route Detailed Mapping; PROJECT SITE PLAN 2m INTERVAL; Ravn river alternatives; Limits of Eagle Mapping; Proposed Winter water sources; Proposed Borrow Locations; Summer_Water_Sources; Updated_Winter_Drillholes_(02.15.08); Updated_Summer_Drillholes_(02.15.08); COMPLETED_2007_DRILLHOLES_PLAN; Updated_PROPOSED_SUMMER_Dril

BH4-2008-67 SW-73 BH3-2008-60 SW-74 BH2007-26 BH3-2008-61 SW-75 BH3-2008-62 SW-76 BH4-2008-68 SW-77 BH4-2008-69 BH3-2008-63 SW-78 BA-2008-27 BH3-2008-64 BH4-2008-70 SW-79 BH3-2008-65 BH2007-27 BH4-2008-71 SW-80 BH3-2008-66 BH3-2008-68 BH3-2008-67 SW-81 BH4-2008-72 SW-82 BH3-2008-69 80+00 BH3-2008-70 WW-31 SW-83 BH4-2008-73 BH3-2008-71 SW-84 BH4-2008-74 BH3-2008-72 SW-85 BH3-2008-74 SW-86 BH4-2008-75 BH3-2008-75 SW-87 BH3-2008-76 BH4-2008-76 SW-88 BH4-2008-77 BH3-2008-77 BH4-2008-78 SW-89 BH3-2008-78 BH3-2008-79 SW-90 BH4-2008-79 BH3-2008-80 SW-91 SW-92 BH3-2008-81 BH3-2008-82 SW-93 BH3-2008-83 90+00 SW-94 BH2007-28 BH4-2008-80 SW-95 BH3-2008-84 SW-96 BH4-2008-81 SW-97 BH3-2008-85 BH4-2008-82 SW-98 WW-32 BH2007-29 BH4-2008-83 SW-99 BH3-2008-86 BH4-2008-84 SW-100 BH2007-30 BH3-2008-87 SW-101 BH4-2008-85 SW-102 BH3-2008-88 SW-103 BA-2008-28 BH4-2008-86 BH3-2008-91 BH4-2008-88 BH4-2008-89 BH4-2008-90 BH4-2008-91 BH2007-31 BH3-2008-89 BH3-2008-90 BH3-2008-92 BH4-2008-87 BH4-2008-94 BH4-2008-92 BH4-2008-95 BH4-2008-93 BH4-2008-96 BH3-2008-93 BH4-2008-97 BH3-2008-94 BH4-2008-98 BH3-2008-95 BH3-2008-96 BH3-2008-97 BH3-2008-98 BH3-2008-99 BH3-2008-100 BH3-2008-101 100+00 BH4-2008-99 BH3-2008-102 BH3-2008-103 BH3-2008-104 BH4-2008-100 BH3-2008-105 BH3-2008-106 BH3-2008-107 BH3-2008-108 BH3-2008-109 BH3-2008-110 BH4-2008-101 BH2007-32 BH3-2008-111 BH3-2008-112 BH3-2008-113 WW-33 SW-104 BH4-2008-102 BH3-2008-114 BH3-2008-116 BH3-2008-115 BH3-2008-117 BH3-2008-118 BH4-2008-103 BH3-2008-119 BH4-2008-104 BH2007-33 BH3-2008-120 BH4-2008-105 BH3-2008-121 BH3-2008-122 BH3-2008-123 BH4-2008-106 BH3-2008-124 BH4-2008-107 BH3-2008-125 BH2007-34 BH3-2008-126 BH3-2008-127 110+00 BH3-2008-128

Limits of Eagle Mapping

Limits of Eagle Mapping

Proposed Rail Alignment

Cockburn Lake

7862000 N
7858000 N
7854000 N
7850000 N
7846000 N
7842000 N
7838000 N

598000 E
602000 E
606000 E
610000 E
614000 E

LEGEND:

- Proposed Winter Drillhole
- Proposed Summer and/or Winter Water Source
- Proposed Summer Drillhole
- Proposed Summer Drillhole within 30m of high water mark
- Proposed Summer Water Source
- Drillholes Completed in 2007
- Borrow Source Location
- 0+00 Station marker (km)
- River/Stream/Drainage
- Wetland

NOTES:

1. Topography provided by Eagle Mapping (2005).
2. Coordinate grid is shown in UTM (NAD 83) Zone 17 and is in metres.
3. Contours are in metres. Contour interval is 25 metres.
4. Proposed Rail Alignment provided by Canarail on January 11, 2008.
5. Ravn River Alternate Routes provided by Canarail on January 25, 2008.
6. Drillhole and water source locations may vary depending on actual site conditions. Drillhole locations may change due to changes in infrastructure locations.
7. Approximately 25 additional drillholes (ALT-2008) will be proposed to investigate the potential alternate route alignments. The locations of these drillholes are yet to be finalized.
8. Borrow source locations are approximate and final coordinates will be determined pending site reconnaissance.

Scale 800 0 800 1600 2400 3200 4000 Metres

Baffinland Iron Mines Corporation

MARY RIVER PROJECT

PROPOSED RAIL ALIGNMENT SITE INVESTIGATION PLAN (SHEET 7 OF 8)

Knight Piésold CONSULTING

P/A NO.	REF.	REV.
NB102-00181/12	NB08-00583	0

FIGURE 7

NORTH BAY ON. CREATED BY: mdamers SAVED: I:\102-00181-12\Assignment\Acad\Fig\B38, 5/30/2008 2:58:12 PM PRINTED: 5/30/2008 6:00:20 PM, 7 of 8, bpark

XREF FILE(S): Southern Route Detailed Mapping; PROJECT SITE PLAN 2m INTERVAL; Ravn river alternatives; Limits of Eagle Mapping; Proposed Winter water sources; Proposed Borrow Locations; Summer_Water_Sources; Updated_Winter_Drillholes_(02.15.08); Updated_Summer_Drillholes_(02.15.08); COMPLETED_2007_DRILLHOLES_PLAN; Updated_PROPOSED_SUMMER_Dril

BH3-2008-129
BH4-2008-108
BH4-2008-109
BH4-2008-110
BH3-2008-130
BH4-2008-111
BH4-2008-112
BH4-2008-113
BH3-2008-131
BH3-2008-132
BH2007-35
BH4-2008-114
BH3-2008-133
BH3-2008-134
BH3-2008-135
SW-105
BH3-2008-136
BH3-2008-137
BH3-2008-138
BH4-2008-115
BH3-2008-139
BH4-2008-116
BH3-2008-140
120+00
BH3-2008-141
BH3-2008-142
BH3-2008-143
BH3-2008-144
SW-106
BH3-2008-145
BH3-2008-146
BH2007-36
BH3-2008-147
BH3-2008-148
BH3-2008-149
BH3-2008-150
BH3-2008-151
BA-2008-12
BH4-2008-117
BH3-2008-152
BH4-2008-118
BH3-2008-153
BA-2008-29
SW-107
BH4-2008-119
BH3-2008-154
SW-108
BH3-2008-155
BH2007-37
BH3-2008-156
SW-109
BH3-2008-157
SW-110
BA-2008-30
WW-34
SW-111
BH3-2008-158
SW-112
SW-113
BA-2008-31
BH3-2008-159
Proposed Rail Alignment
130+00
SW-114
BH3-2008-160
SW-115
BH3-2008-161
BH3-2008-162
SW-116
BH3-2008-163
BH3-2008-164
BH4-2008-120
BH3-2008-165
BA-2008-32
SW-117
BH4-2008-121
BA-2008-13
WW-35
BH3-2008-166
BH4-2008-122
BH3-2008-167
SW-118
BH4-2008-123
BH2007-38
BH3-2008-168
SW-119
BH4-2008-124
BH3-2008-169
BH3-2008-170
BH3-2008-171
BH3-2008-172
SW-120
BA-2008-33
BH3-2008-173
BH3-2008-174
BH4-2008-125
BH3-2008-175
SW-121
BH3-2008-176
BA-2008-14
WW-36
SW-122
BH3-2008-177
BA-2008-34
BH3-2008-178
BH4-2008-126
BH3-2008-179
BH2007-39
SW-123
BH4-2008-127
BH3-2008-180
140+00
BA-2008-15
SW-124
BH3-2008-181
BA-2008-16
BH3-2008-182
SW-125
BA-2008-35
BH3-2008-183
WW-37
SW-126
142+00
BH3-2008-184
WW-38
BH2007-43
BH2007-41
BH2007-40
BH2007-42
BH3-2008-186
SW-127
BH3-2008-185
BA-2008-01
SW-128
STEENSBY INLET

Limits of Eagle Mapping

7830000 N
7826000 N
7822000 N
7818000 N
7814000 N
7810000 N
7806000 N
7802000 N
594000 E
598000 E
602000 E
606000 E
610000 E

LEGEND:

- *Proposed Winter Drillhole*
- *Proposed Summer and/or Winter Water Source*
- *Proposed Summer Drillhole*
- *Proposed Summer Drillhole within 30m of high water mark*
- *Proposed Summer Water Source*
- *Drillholes Completed in 2007*
- *Borrow Source Location*
- *0+00 Station marker (km)*
- *River/Stream/Drainage*
- *Wetland*

NOTES:

1. *Topography provided by Eagle Mapping (2005).*
2. *Coordinate grid is shown in UTM (NAD 83) Zone 17 and is in metres.*
3. *Contours are in metres. Contour interval is 25 metres.*
4. *Proposed Rail Alignment provided by Canarail on January 11, 2008.*
5. *Ravn River Alternate Routes provided by Canarail on January 25, 2008.*
6. *Drillhole and water source locations may vary depending on actual site conditions. Drillhole locations may change due to changes in infrastructure locations.*
7. *Approximately 25 additional drillholes (ALT-2008) will be proposed to investigate the potential alternate route alignments. The locations of these drillholes are yet to be finalized.*
8. *Borrow source locations are approximate and final coordinates will be determined pending site reconnaissance.*

800 0 800 1600 2400 3200 4000
Scale Metres

NORTH BAY ON. CREATED BY: mdemers SAVED: I:\102-00181-12\Assignment\Acad\Fig\B39, 5/30/2008 2:58:12 PM PRINTED: 5/30/2008 6:01:56 PM, 8 of 8, bpark

Baffinland Iron Mines Corporation

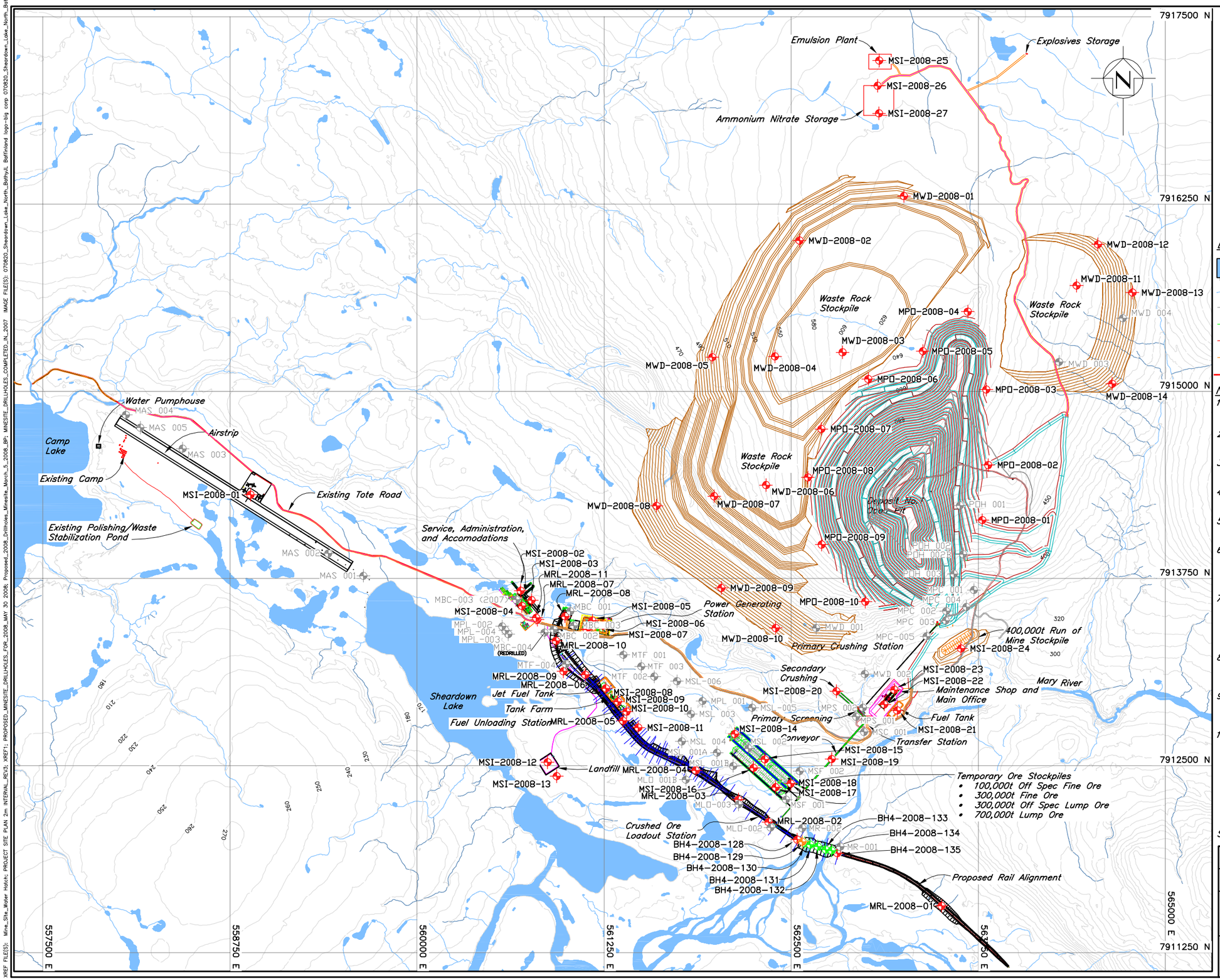
MARY RIVER PROJECT

PROPOSED RAIL ALIGNMENT SITE INVESTIGATION PLAN (SHEET 8 OF 8)

Knight Piésold CONSULTING

P/A NO.	REF.	REV.
NB102-00181/12	NB08-00583	0

FIGURE 8



LEGEND:

- Water
- River/Stream/Drainage
- Drillhole Completed in 2007
- Proposed Winter Drillholes
- Proposed Summer Drillholes
- Proposed Summer Drillhole within 30m of high water mark
- Existing Tote Road

NOTES:

1. Topography provided by Eagle Mapping (2005).
2. Coordinate grid is shown in UTM (NAD 83) Zone 17 and is in metres.
3. Contours are in metres. Contour interval is 10 metres.
4. Proposed Rail Alignment provided by Canarail on January 11, 2008.
5. Ravn River Alternate Routes provided by Canarail on January 25, 2008.
6. Drillhole and water source locations may vary depending on actual site conditions. Drillhole locations may change due to changes in infrastructure locations.
7. Approximately 25 additional drillholes (ALT–2008) will be proposed to investigate the potential alternate route alignments. The locations of these drillholes are yet to be finalized.
8. E rrow source locations are approximate and final coordinates will be determined pending site reconnaissance.
9. Mine Site Infrastructure provided by Aker Kvaerner Drawing No. DWG–0000–G–0001 and is proposed.
10. Water source for drilling to be Mary River and/or Sheardown Lake.

Scale 250 125 0 250 500 750 1000 1250 Metres

Baffinland IRON MINES CORPORATION

MARY RIVER PROJECT

MINE SITE INFRASTRUCTURE SITE INVESTIGATION PLAN

Knight Piésold CONSULTING

P/A NO.	REF.	REV.
NB102–00181/12	NB08–00583	0

FIGURE 9

XREF FILE(S): Mine_Site_Water Hatch; PROJECT SITE PLAN 2m INTERVAL_REVS; XREF1; PROPOSED_MINESITE_DRILLHOLES_FOR_2008_MAY 30, 2008; Proposed_2008_Drillholes_Minesite_March_5_2008_BP; MINESITE_DRILLHOLES_COMPLETED_IN_2007 IMAGE FILE(S): 070820_Sheardown_Lake_North_Bathy; Baffinland logo–big comp 070820_Sheardown_Lake_North_Bathy.tif
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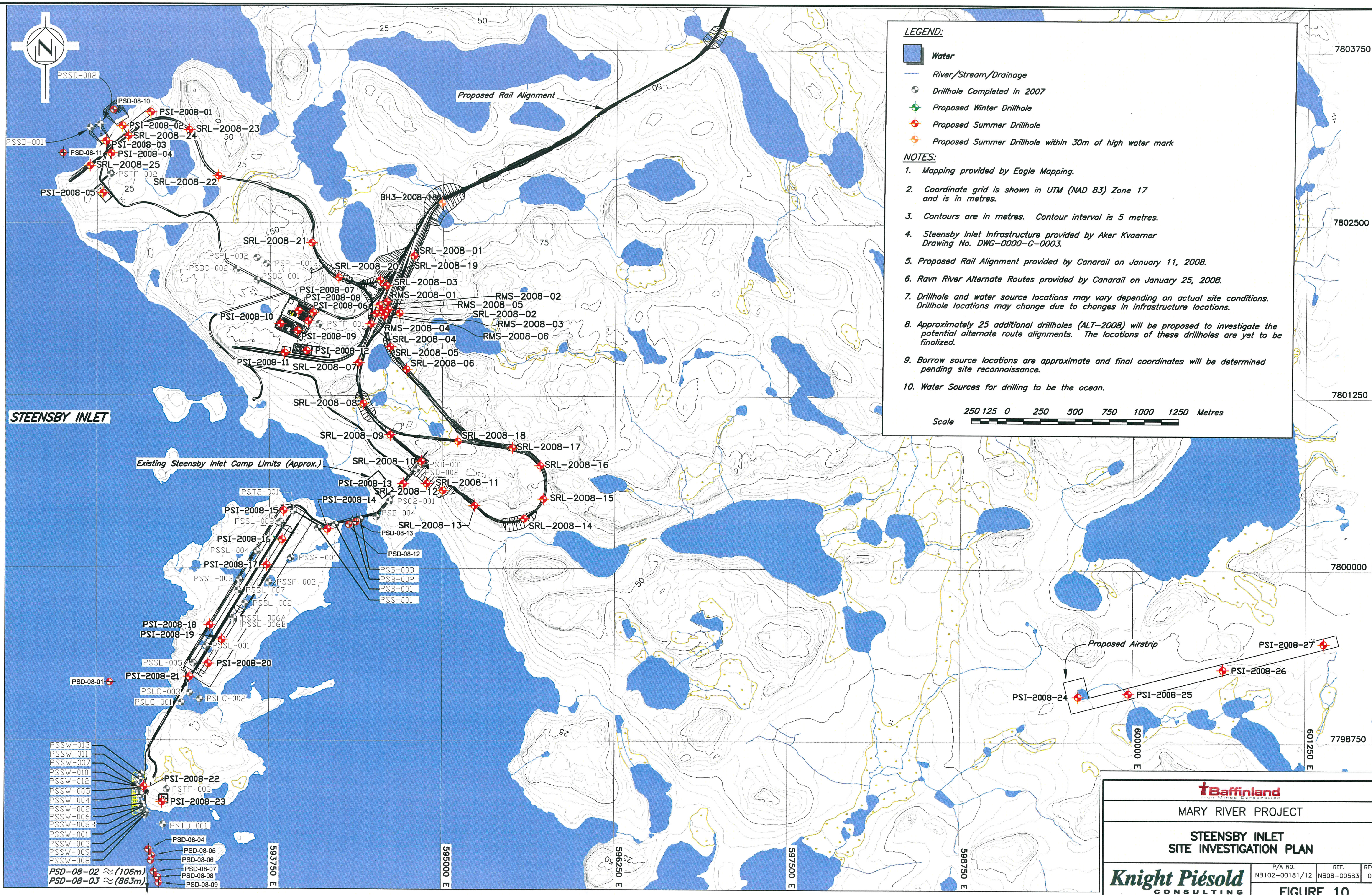
LEGEND:
Water
River/Stream/Drainage
Drillhole Completed in 2007
Proposed Winter Drillhole
Proposed Summer Drillhole
Proposed Summer Drillhole within 30m of high water mark
NOTES:
1. Mapping provided by Eagle Mapping.
2. Coordinate grid is shown in UTM (NAD 83) Zone 17 and is in metres.
3. Contours are in metres. Contour interval is 5 metres.
4. Steensby Inlet Infrastructure provided by Aker Kvaerner Drawing No. DWG-0000-G-0003.
5. Proposed Rail Alignment provided by Canarail on January 11, 2008.
6. Ravn River Alternate Routes provided by Canarail on January 25, 2008.
7. Drillhole and water source locations may vary depending on actual site conditions. Drillhole locations may change due to changes in infrastructure locations.
8. Approximately 25 additional drillholes (ALT-2008) will be proposed to investigate the potential alternate route alignments. The locations of these drillholes are yet to be finalized.
9. Borrow source locations are approximate and final coordinates will be determined pending site reconnaissance.
10. Water Sources for drilling to be the ocean.
Scale 250 125 0 250 500 750 1000 1250 Metres
STEENSBY INLET
Proposed Rail Alignment
Existing Steensby Inlet Camp Limits (Approx.)
Proposed Airstrip
PSD-08-02 ≈(106m)
PSD-08-03 ≈(863m)
7803750 N
7802500 N
7801250 N
7800000 N
7798750 N
593750 E
595000 E
596250 E
597500 E
598750 E
600000 E
601250 E
Baffinland
MARY RIVER PROJECT
STEENSBY INLET
SITE INVESTIGATION PLAN
Knight Piésold CONSULTING
P/A NO. NB102-00181/12
REF. NB08-00583
REV. 0
FIGURE 10