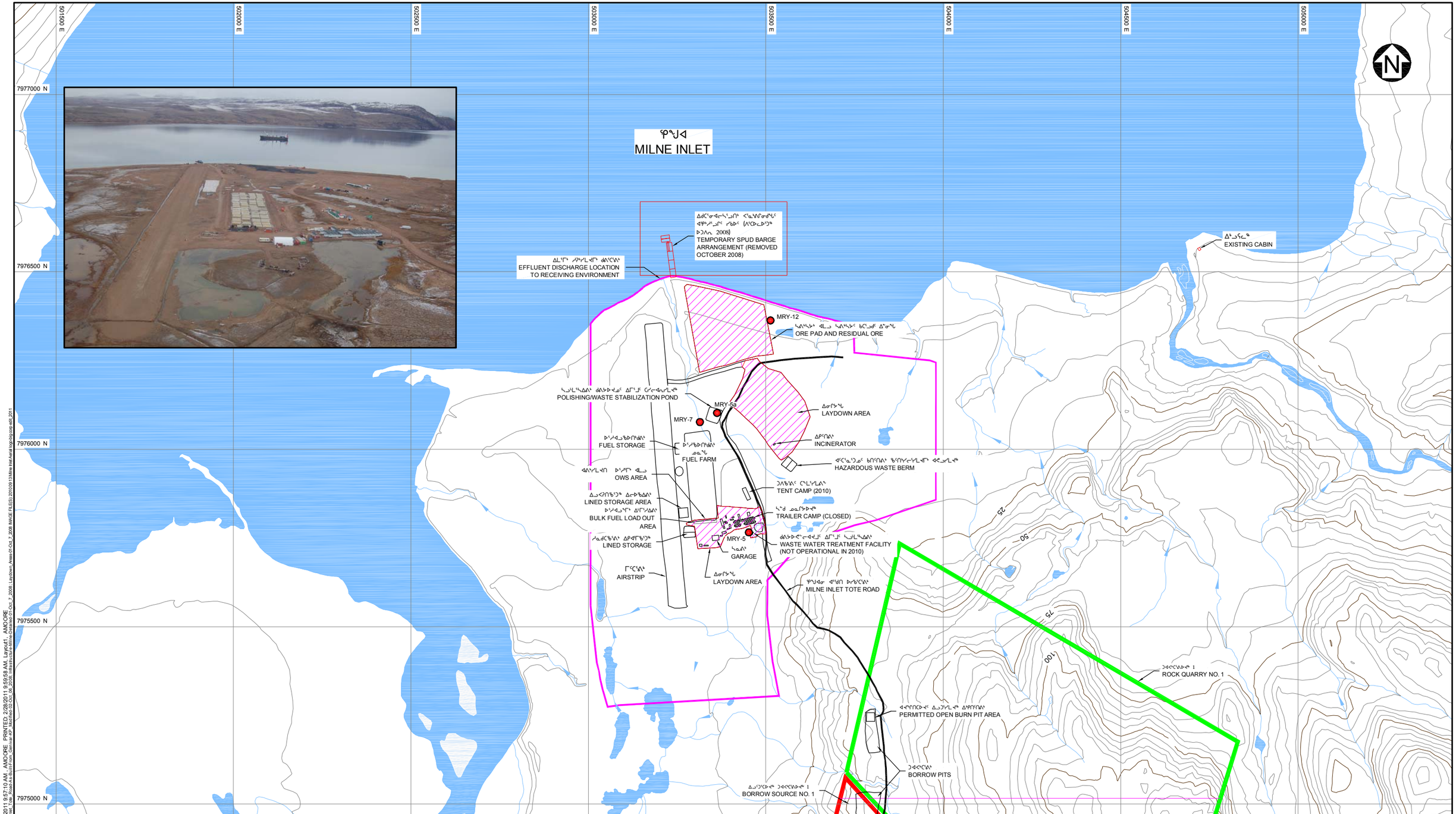

ᑐᑭᓯᓯᕐᒥ
LEGEND:

- ᐃᒥᖅ WATER
- ᓴᕋᓂᖓ ᓄᓇ WETLAND
- ᐃᓂᒋᑦᑐᖓ LAYDOWN AREA
- ᓄᓇᑦ ᖃᖓᓂ ᐱᓕᖅᓇᐅᑎᑦᑐᐅᓕᑦ (ᐃᓄᐃᑦ ᓄᓇᖓᓂ ᑭᓇᐅᑦᓴᐅᑎᐅᓕᑦ) BAFFINLAND'S COMMERCIAL LEASE ON INUIT OWNED LAND
- ᓄᑦᑐᑦ/ᑯᒪᓕᑦᑐᑦ/ᑯᐊᐃᐅᓕᖅ RIVER/STREAM/DRAINAGE
- ᓇᒧ ᑯᑦᑐᓕᑦᑕᒻᒪᖔᑦ ᐃᒪᐅᓂᖓᓂᖓᑦᑐᖅ DIRECTION OF SURFACE WATER RUNOFF
- ᕿᖓᐊᓂ ᐊᖑᑎ ᑐᓂᑲᑦᑕᐃᑦ MILNE INLET TOTE ROAD
- ᐊᖑᑎ ROAD
- ᐊᑦᑐᑦᑕᐃᑦᑐᖅ (ᐃᓄᐃᑦ ᓄᓇᖓᓂ ᑭᓇᐅᑦᓴᐅᑎᐅᓕᑦ) EXISTING ROCK QUARRY (IOL COMMERCIAL LEASE)
- ᐊᑦᑐᑦᑕᐃᑦᑐᖅ (ᐃᓄᐃᑦ ᓄᓇᖓᓂ ᑭᓇᐅᑦᓴᐅᑎᐅᓕᑦ) EXISTING BORROW AREA (IOL COMMERCIAL LEASE)
- % WATER LICENSE MONITORING STATION

ᖃᐅᔨᒪᔭᕐᓴᐃᑦ

1. ᓄᓇᖓᐊᓕᕆᔨᑦ EAGLE MAPPING (2005)
2. ᓄᓇᖓᐊᑦ ᑎᑎᕋᒪᓂᖓ ᒪᓕᒃᑐᖅ UTM (NAD83) ZONE 17
3. ᑎᑎᕋᒪᔪᑦ ᒥᑕ ᐊᖑᓂᖓᑦ ᐅᖓᓯᑎᑎᑦ 5 ᒥᑕ

NOTES:

1. TOPOGRAPHY PROVIDED BY EAGLE MAPPING (2005).
2. COORDINATE GRID IS SHOWN IN UTM (NAD83) ZONE 17 AND IS IN METRES.
3. CONTOURS ARE IN METRES. CONTOUR INTERVAL IS 5 METRES.

ᐊᕐᓂᖓ SCALE 100 50 0 100 200 300 400 500 m ᒥᑕ

Baffinland IRON MINES CORPORATION

ᓄᓘᔾᓂ ᐅᔭᕋᓯᐅᑦᑐᑦ MARY RIVER PROJECT

ᒪᓐᓇ ᖃᓄᐃᓕᖓᓐᓂᖓ ᒥᑎᒪᑕᓕᐅᑦ ᕿᖓᐊᓂ
EXISTING SITE LAYOUT AT MILNE INLET

Knight Piésold CONSULTING

P/A NO.	REF NO.
NB102-181/27	NB11-00106

ᑎᑎᕋᐅᔭᕐᓯᒪᔪᖅ FIGURE 1.2 REV 0

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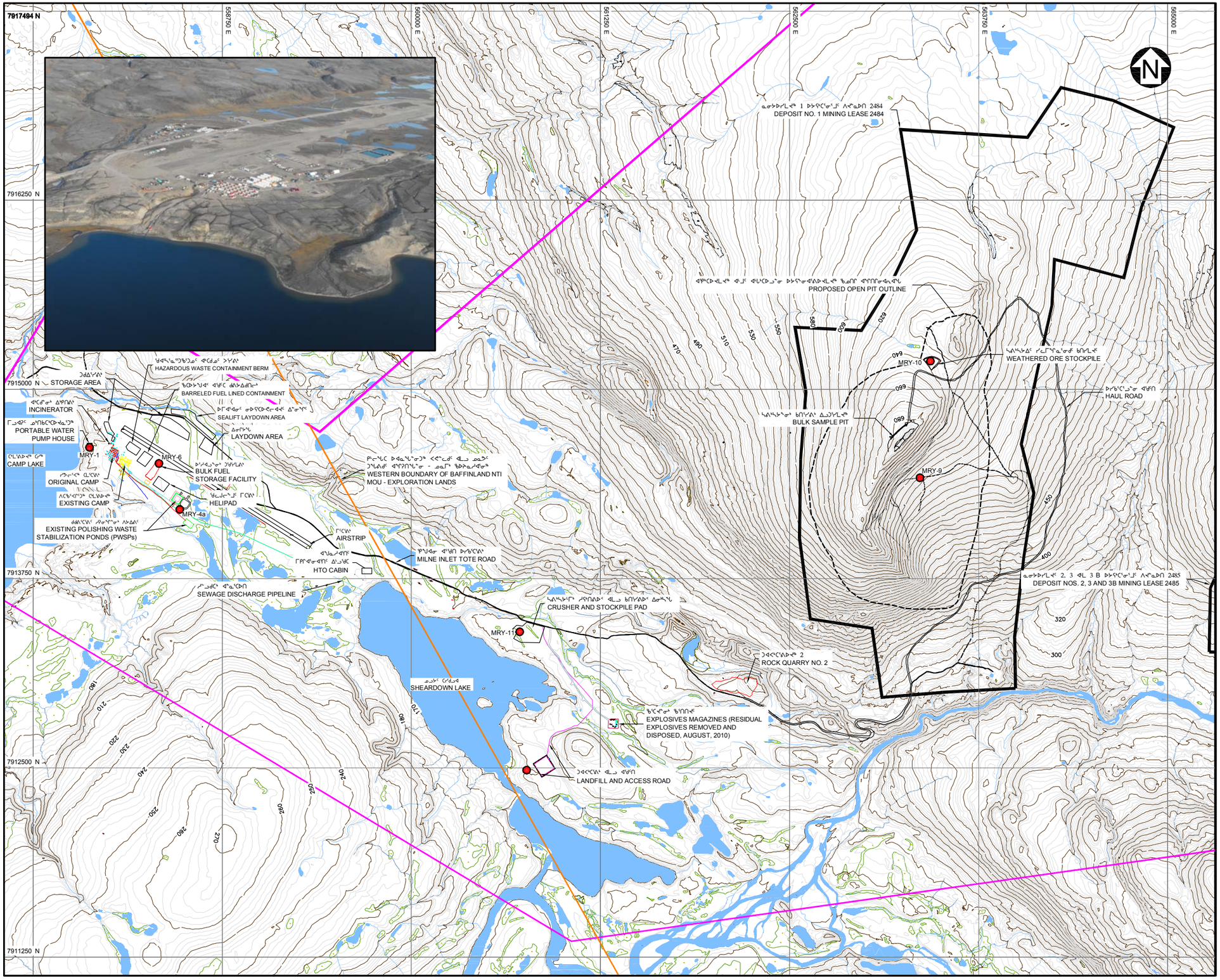
7917494 N
7916250 N
7915000 N
7913750 N
7912500 N
7911250 N
558750 E
560000 E
561250 E
562500 E
563750 E
565000 E
N
ᓄᓇᕗᑦ 1 ᑲᓇᕐᑕᓂᓗᒍᑦ ᐱᕙᓪᓕᕆᑎ 2484
DEPOSIT NO. 1 MINING LEASE 2484
ᐊᑭᑦᑕᐅᓪᓚᕐᓂ ᐊᒻᒧᑦ ᐊᒡᓴᑕᐅᓗᓐᓂ ᑲᓇᕐᓂᐊᕐᐅᓪᓚᕐᓂ ᖃᓄᑎᑦ ᐊᑭᕆᑎᓂᓂᓇᕐᓂᖓ
PROPOSED OPEN PIT OUTLINE
ᓴᐊᖏᓪᓂᑦ ᑭᓚᒥᑦᑕᓐᓂᓂᑦ ᑲᑎᕈᓚᕐ
WEATHERED ORE STOCKPILE
ᓴᐊᖏᓪᓂᑦ ᑲᑎᕆᐊᖏ ᐃᓗᑐᓚᕐᓂ
BULK SAMPLE PIT
ᑲᓯᑲᑦᑕᓗᓐᓂ ᐊᑭᕐᑎ
HAUL ROAD
MRY-10
MRY-9
MRY-11
MRY-1
MRY-6
MRY-4a
ᐊᑭᑦᑕᐅᓪᓚᕐᓂ ᐊᒻᒧᑦ ᐊᒡᓴᑕᐅᓗᓐᓂ ᑲᓇᕐᓂᐊᕐᐅᓪᓚᕐᓂ ᖃᓄᑎᑦ ᐊᑭᕆᑎᓂᓂᓇᕐᓂᖓ
PROPOSED OPEN PIT OUTLINE
ᐃᓄᖏᓪᓂᑦ ᐊᑭᕆᑎᓂᓂᓇᕐᓂᖓ
HAZARDOUS WASTE CONTAINMENT BERM
ᑲᑕᑦᑕᓗᓐᓂ ᐊᓯᑦᑕ ᐊᓴᑦᑕᐃᑎᓂᓐ
BARRELED FUEL LINED CONTAINMENT
ᑲᓯᑦᑕᓂᓐᓂ ᓄᑦᑕᑦᑕᓐᓂᑦ ᐃᓐᓂᖏᑦ
SEALIFT LAYDOWN AREA
ᐃᓄᖏᓪᓂᑦ
LAYDOWN AREA
ᐃᓄᐃᓪᓕᑦ
STORAGE AREA
ᐊᑭᑦᑕᓐᓂᑦ ᐃᑭᑎᑦ
INCINERATOR
ᒥᓗᐊᑦ ᓄᑎᑦᑕᑦᑕᐅᓐᓇᖕᒍᑦ
PORTABLE WATER PUMP HOUSE
ᑕᒪᑎᐅᓐᓂ ᑲᓐ
CAMP LAKE
ᓄᓐᓂᑦᑕ ᑕᒪᑦᑕᑦ
ORIGINAL CAMP
ᐱᑕᖏᑦᑐᑦ ᑕᒪᑎᐅᓐᓂ
EXISTING CAMP
ᑲᓯᑦᑕᓂᓐᓂᑦ ᐃᓗᑎᑦ ᒥᑦᑕᑦ
BULK FUEL STORAGE FACILITY
ᐊᓗᓐᓂᑦ ᒥᑦᑕᑦ
HELIPAD
ᑯᐊᑦᑕᑦ ᓄᓇᕗᑦᑐᓂᑦ ᐃᑲᐃᑦ
EXISTING POLISHING WASTE STABILIZATION PONDS (PWSPs)
ᓄᓇᕗᑦ ᑲᓇᕐᑕᑦᑕᑦ ᐃᓗᑎᑦ ᐊᑭᕆᑎᓂᓂᓇᕐᓂᖓ
WESTERN BOUNDARY OF BAFFINLAND NTI MOU - EXPLORATION LANDS
ᑕᑦᑕᑦ
AIRSTRIP
ᑕᑦᑕᑦ ᐊᓗᓇᕐᑕᑦᑕᑦ
HTO CABIN
ᑭᖑᓂᓂ ᐊᖑᑎ ᑲᓯᑦᑕᑦᑕᑦ
MILNE INLET TOTE ROAD
ᓄᓇᕗᑦ ᐊᓐᓇᑦᑕᑦᑕ
SEWAGE DISCHARGE PIPELINE
ᓴᐊᖏᓪᓂᑦ ᓱᕋᑎᐅᑦ ᐊᒻᒪᓗ ᑲᑎᕈᐅᑦ ᐃᓄᖏᓪᓂᖓ
CRUSHER AND STOCKPILE PAD
ᓄᓇᕗᑦ ᑕᓯᒪᓂᓐ
SHEARDOWN LAKE
ᑲᑦᑕᓂᓐᓂᑦ ᑲᑎᑎᑦᑕ
EXPLOSIVES MAGAZINES (RESIDUAL EXPLOSIVES REMOVED AND DISPOSED, AUGUST, 2010)
ᐊᑦᑕᑦᑕᐅᓐᓂᑦ ᐊᒻᒪᓗ ᐊᑭᕆᑎ
LANDFILL AND ACCESS ROAD
ᐊᑦᑕᑦᑕᐅᓐᓂᑦ 2
ROCK QUARRY NO. 2
ᐊᓐᓂᑦᑕᑦᑕᐅᓐᓂᑦ 2, 3 ᐊᒻᒪ 3 B ᑲᓇᕐᑕᓂᓗᒍᑦ ᐱᕙᓪᓕᕆᑎ 2485
DEPOSIT NOS. 2, 3 AND 3B MINING LEASE 2485
470
490
510
530
550
580
600
620
640
660
680
700
720
740
760
780
800
820
840
860
880
900
920
940
960
980
1000
1020
1040
1060
1080
1100
1120
1140
1160
1180
1200
1220
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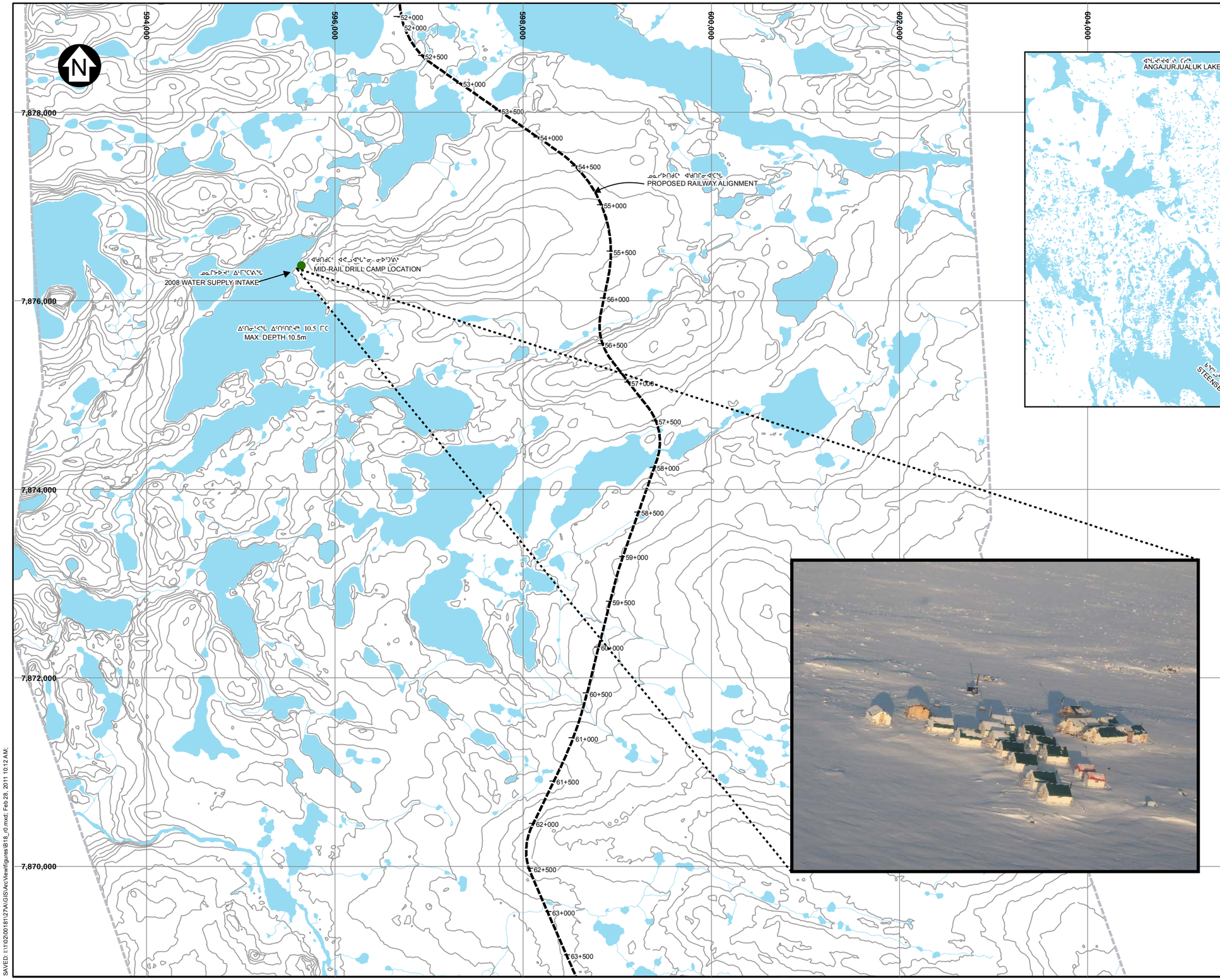
1260
1280
1300
1320
1340
1360



LEGEND:

- WATER
- RIVER/STREAM/DRAINAGE
- PROPOSED RAIL ALIGNMENT
- EXISTING CAMP (CAMP NOT OCCUPIED DURING 2010)

NOTES:

1. TOPOGRAPHY PROVIDED BY EAGLE MAPPING (2005).
   EAGLE MAPPING (2005)
2. COORDINATE GRID IS SHOWN IN UTM (NAD83) ZONE 17 AND IS IN METRES.
   UTM (NAD83) ZONE 17
3. CONTOUR INVTERVAL IS IN METRES. CONTOUR INTERVAL IS 2.5 METRES.
   2.5
4. PROPOSED RAIL ALIGNMENT PROVIDED BY CAINARAIL CONSULTANTS INC.
   CANARAIL CONSULTANTS INC

SCALE 500 250 0 500 1,000 1,500 2,000 m

Baffinland Iron Mines Corporation

MARY RIVER PROJECT

EXISTING SITE LAYOUT AT MID RAIL CAMP

Knight Piésold CONSULTING

P/A NO.	REF NO.
NB102-181/27	NB11-00106

FIGURE 1.4 REV 0

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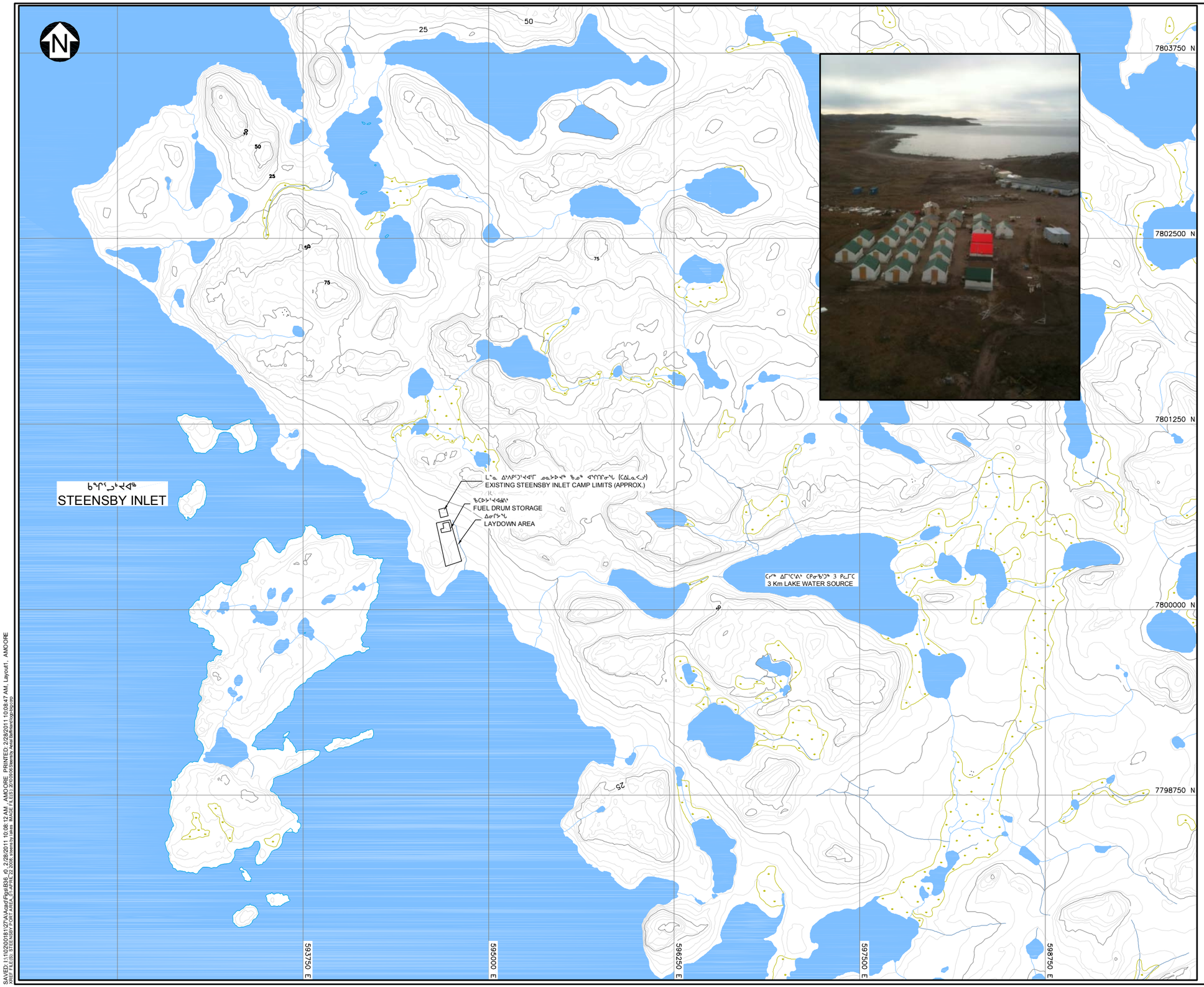

ᑑᑭᒋᔅᖕᒋᑦ

LEGEND:

- ᐃᒥᔅ WATER
- ᓄᑑᔅᓱᓚᒡᑑᔅᓱᐃᓴᐅᔅᖕᒋᖕ RIVER/STREAM/DRAINAGE
- ᓴᖅᓂᖕᒐ ᓄᓇ WETLAND

NOTES:

1. COORDINATE GRID IS UTM (NAD83) ZONE 17 AND IS IN METRES.
2. CONTOUR INTERVAL IS 5 METRES.
3. TOPOGRAPHY PROVIDED BY EAGLE MAPPING (2005).
4. PROPOSED RAIL ALIGNMENT PROVIDED BY CANARAIL CONSULTANTS INC. OCTOBER 7, 2008.
5. STEENSBY INLET INFRASTRUCTURE PROVIDED BY GENIVAR. DECEMBER 9, 2008.

ᖃᐅᔨᒪᔭᒃᓴᐃᑦ

1. ᓄᓇᖑᐊᖑ ᑎᑎᔅᓯᒪᓂᖕᒐ ᒪᓕᑦᑐᖕ UTM (NAD83) Zone 17
2. ᑎᑎᔅᓯᒪᔪᑦ ᒥᑦ: ᐊᖑᓂᔅᓱᑦ ᐅᖕᒐᓱᑎᑦᑐᑦ 5 ᒥᑦ
3. ᓄᓇᖑᐊᓕᓇᔭᑦ Eagle Mapping (2005)
4. ᓄᓇᓱᐅᑎᑯᑦ ᐊᖑᑎᓕᖕᒐ Canarail Consultants Inc
5. ᐅᔭᕋᑦᑏᐅᔪᖕ ᑎᑎᖅᑐᔭᓯᒪᓂᖕᒐ Genivar

ᐊᖏᓂᖕᒐ SCALE 250 12.5 0 250 500 750 1000 1250 m ᒥᑦ

Baffinland
IRON MINES CORPORATION

ᓄᓘᔾᓂ ᐅᔭᕋᓱᐅᔭᑦᑐᑦ MARY RIVER PROJECT

ᒪᖕᓇ ᐃᒃᐱᑭᑦᑐᑦᓯᐊᕐᖃ ᖃᓄᖃ ᐊᖑᒃᓯᒪᓂᖕᒐ
EXISTING SITE LAYOUT AT STEENSBY INLET

Knight Piésold CONSULTING

P/A NO.	REF NO.
NB102-181/27	NB11-00106
ᑎᑎᖅᑐᔭᓯᒪᔪᖕᒐ FIGURE 1.5	REV 0

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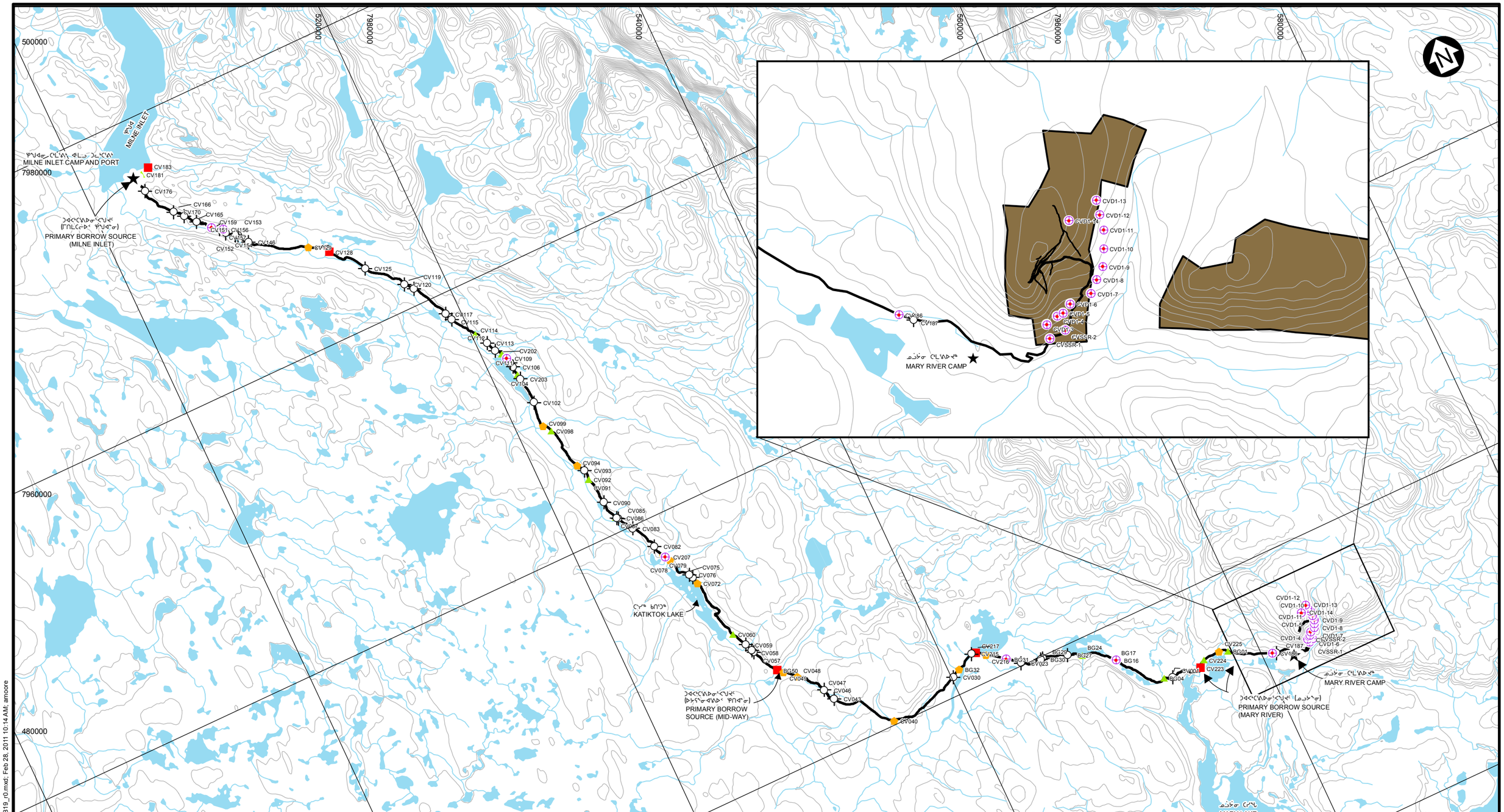
XREF FILE(S): STEENSBY-PORT-AREA_ZA-APHC-22-2006 steensby lake IMAGE FILE(S): 20100905steensby AerialBaffinlandgoogle.png



LEGEND:

- WATER
- RIVER/STREAM/DRAINAGE
- MILNE INLET TOTE ROAD
- PROPOSED RAIL ALIGNMENT
- CAMP LOCATION
- EXTRA SMALL CROSSING
- SMALL CROSSING
- MEDIUM CROSSING
- LARGE CROSSING
- EXTRA LARGE CROSSING

NOTES:

1. BASE MAP: HER MAJESTY THE QUEEN IN RIGHTS OF CANADA, DEPARTMENT OF NATURAL RESOURCES, (2004).
2. COORDINATE GRID IS UTM (NAD83) ZONE 17 AND IS IN METRES.
3. CONTOURS ARE IN METRES. CONTOUR INTERVAL VARIES.

ᖃᐅᔨᒪᔭᒃᓴᐃᑦ

1. ᓄᓇᖑᐊᓐᓗᐊᑦᑕᐃᑦ: ᑯᐃᐸ ᑲᓇᑕᒧᑦ
2. ᓄᓇᖑᐊᑦ ᑎᑎᔾᒪᓂᖓ ᒪᓕᒃᑐᖅ UTM (NAD83) ZONE 17
3. ᑎᑎᔾᒪᔪᑦ ᒥᑕ: ᐊᖑᓂᖕᑦ ᐅᖓᓕᒃᑎᑦᑐᑦ ᐊᐅᒥᖕᑦᑐᑦ

SCALE 4 2 0 4 8 12 16 20 Km

Baffinland IRON MINES CORPORATION

ᓄᓘᔾᔨᓂ ᐅᔭᕋᓯᐅᑦᑐᑦ MARY RIVER PROJECT

ᐊᑯᑎᑦ ᐃᑲᔪᖕᒋᑎᒍᑦ ᑯᐃᑦᑕᐃᑦ ᓇᖕᓂᓇᔭᓇᐊᒋᓂᒃ ᐸᓇᐅᑎᑦ (ᐃᑲᔪᓕᒪᕐ)

DRAINAGE CROSSING LOCATIONS PLAN (ALL CROSSINGS)

Knight Piésold CONSULTING

P/A NO.	REF.	REV
NB102-181/27	NB11-00106	0

ᑎᑎᕋᐅᔭᕐᒪᖔᑦ FIGURE 1.6

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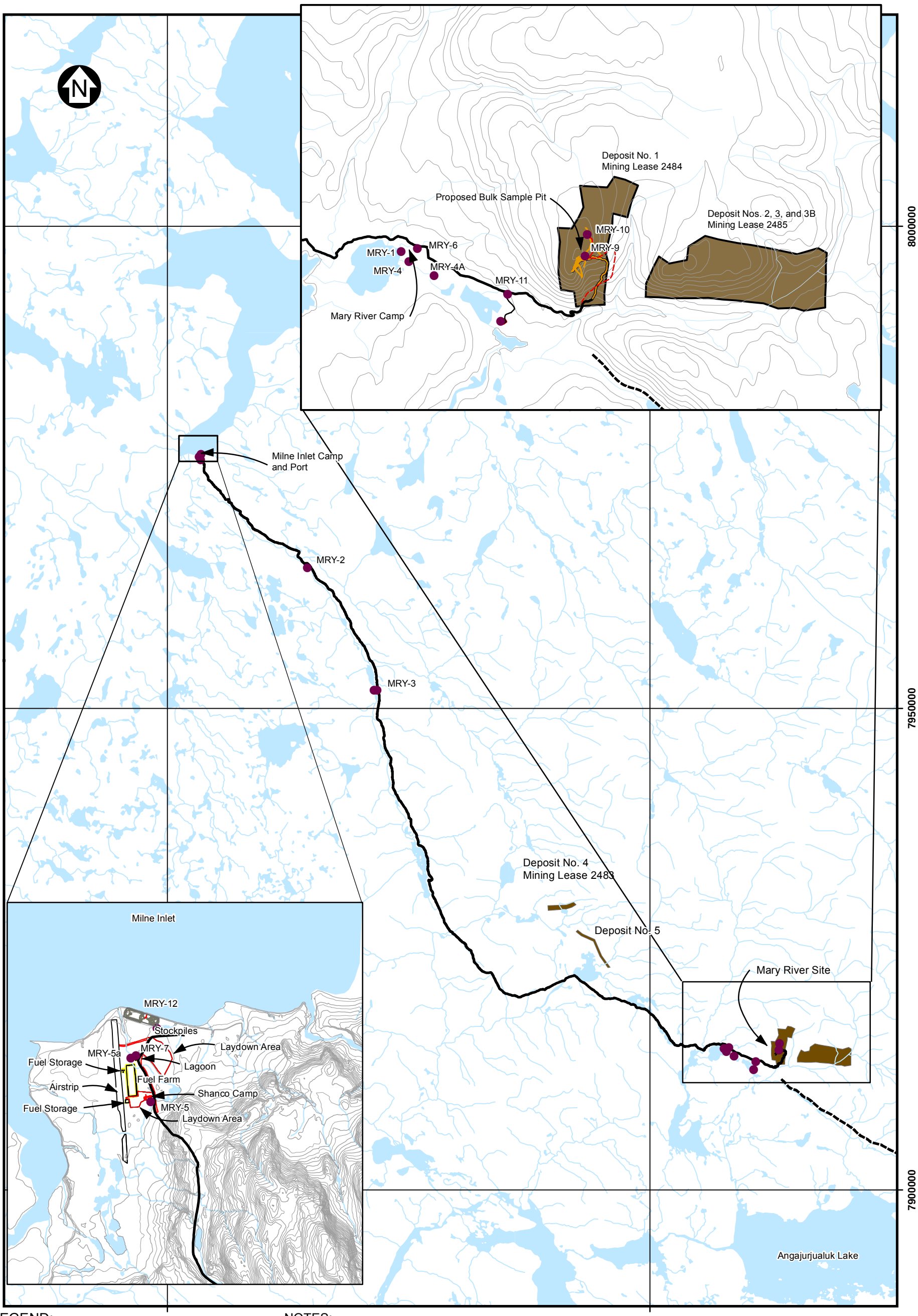

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LEGEND:

- Water
- Mineral Lease Boundary
- River/Stream/Drainage
- Milne Inlet Tote Road
- Proposed Rail Alignment
- Existing Trails for Drills
- Proposed Pit/Stockpile Road
- Water Licence Monitoring Location

NOTES:

1. Base Map: © Her Majesty the Queen in Rights of Canada, Department of Natural Resources, (2004). All rights reserved.
2. Coordinate grid is shown in UTM (NAD83) Zone 17 and is in metres.
3. Contours are in metres. Contour interval varies.
4. Proposed Rail Alignment provided by Canarail Consultants Inc.
5. Infrastructure, and water licence, monitoring locations provided by Baffinland.
6. Infrastructure at Milne Inlet and mary River not shown for clarity.

Scale 5 2.5 0 5 10 15 20 Km

Baffinland Iron Mines Corporation

MARY RIVER PROJECT

MILNE INLET TOTE ROAD AND WATER LICENCE MONITORING LOCATIONS

Knight Piésold CONSULTING

P/A NO.	REF.	REV.
NB102-181/27	NB11-00106	0

FIGURE 4.1