APPENDIX B

Site Drainage Drawings

DWG. NO. H349000-2100-10-015-0002

MILNE INLET

SEALIFT BARGE LANDING AREA

DRAINAGE DIVERSION DITCH SEE DETAIL-1

EFFLUENT DISCHARGE LOCATION TO RECEIVING ENVIRONMENT N:7976482.047 E:503211.450

FUEL TANK FARM

MP-C-A

LAYDOWN A1 EARTHWORKS CONTRACTOR YARD

RAMP TO BEACH

MP-C-G

MP-C-H

10 ML P-50 DIESEL

MP-C-C

MP-C-E

MP-C-D

MP-C-F

5 ML P-50 DIESEL

EXISTING HTO CABIN

LAYDOWN B1

LAYDOWN A1 AREA

SERVICES AREA PAD B3 SITE FACILITIES, INCLUDING:

- MAINTENANCE/WAREHOUSE BUILDING
- OILY WATER TREATMENT PLANT
- WELDING SHOP BUILDING
- WORKSHOP OFFICE BUILDING

EXISTING POLISHING WASTE STABILIZATION POND

750,000L JET A FUEL

INCINERATOR

POWER GENERATORS

POLISHING WASTE STABILIZATION POND

HAZARDOUS WASTE BERM

EXISTING BLADDER FARM

TENT CAMP

LINED STORAGE AREA

EXISTING TRAILER CAMP

CAMP INFRASTRUCTURE PAD B2 SITE FACILITIES, INCLUDING:

- ACCOMMODATION COMPLEX
- EMERGENCY RESPONSE OFFICE
- EMERGENCY RESPONSE GARAGE
- SEWAGE TREATMENT PLANT
- POTABLE WATER TREATMENT PLANT
- WASTE MANAGEMENT FACILITY

LINED STORAGE

EXISTING WASTE WATER TREATMENT FACILITY

LAYDOWN AREA

MP-C-B

AIRSTRIP

WASTE DISPOSAL LAND FARM

ROCK QUARRY NO.1

EXISTING LAND LEASE BOUNDARY

PROJECT DEVELOPMENT AREA

POTABLE WATER SUPPLY

CONSTRUCTION PAD C CONCRETE BATCH PLANT

TOTE ROAD

PROPOSED EXTENT OF QUARRY

PERMITTED OPEN BURN PIT AREA

BORROW PITS

BORROW SOURCE NO.1

PHILLIPS CREEK

MILNE INLET TOTE ROAD

0 50 100 150 200 250
SCALE IN METRES

OPTION 1 - DITCH WITHOUT RIP RAP

OPTION 2 - DITCH WITH RIP RAP

DETAIL-1
N.T.S.

MILNE PORT

MINE SITE

KEY PLAN

LEGEND

- WATER
- PROPOSED QUARRY
- LAYDOWN AREA (CONSTRUCTION PHASE)
- ADVANCED EXPLORATION UNDER EXISTING TYPE 'B' WATER LICENSE
- EARLY WORKS (MAY TO JULY 2013) UNDER NEW TYPE 'B' WATER LICENSE (IN PROCESS)
- CONSTRUCTION PHASE UNDER FUTURE TYPE 'A' WATER LICENSE (JULY TO DECEMBER 2013)
- POTENTIAL DEVELOPMENT AREA
- BAFFINLAND'S COMMERCIAL LEASE ON INUIT OWNED LAND
- EXISTING DRAINAGE
- EXISTING DRAINAGE (TO BE DIVERTED)
- SURFACE DRAINAGE DIVERSION
- INTERNAL SURFACE DRAINAGE
- OVERLAND FLOW PATH
- RIDGE LINE (HIGH POINT)
- CATCHMENT AREA
- PROPOSED CULVERT
- EXISTING CULVERT (LOCATION APPROXIMATE)
- PROPOSED ROAD
- EXISTING ROAD
- WATER QUALITY MONITORING LOCATION (MP-C-)
- H.W.L. HIGH WATER LEVEL
- WATER DIVERSION BERM
- WATER DIVERSION DAM
- RAISED ELEVATION FOR WATER DIVERSION
- POTENTIAL SEDIMENTATION POND LOCATION (IF REQUIRED)

NOTES:

1. TOPOGRAPHY PROVIDED BY TERRAPOINT CANADA INC.
2. COORDINATE GRID IS SHOWN IN UTM (NAD 83) ZONE 17 AND IS IN METRES
3. CONTOURS ARE IN METRES. CONTOUR INTERVAL IS 1.5 METRES.
4. AS-CONSTRUCTED INFORMATION PROVIDED BY GENIVAR IN 2008.

DRAWING NO.	DRAWING TITLE

REFERENCE DRAWINGS

THIS DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF BAFFINLAND IRON CORPORATION (CLIENT) AND IS SUBJECT TO THE AGREEMENT BETWEEN CLIENT AND HATCH LTD. (HATCH). UNLESS OTHERWISE AGREED IN WRITING WITH CLIENT OR SPECIFIED ON THIS DRAWING, (A) HATCH DOES NOT ACCEPT ANY DISCLAIMERS ANY AND ALL LIABILITY ARISING OUT OF OR RELATED TO THE USE OF OR RELIANCE ON THIS DRAWING BY ANY THIRD PARTY OR ANY MODIFICATION OR MISUSE OF THIS DRAWING BY CLIENT, AND (B) THIS DRAWING IS CONFIDENTIAL AND ALL INTELLECTUAL PROPERTY RIGHTS EMBODIED OR REFERENCED IN THIS DRAWING REMAIN THE PROPERTY OF HATCH.

NO.	DESCRIPTION	BY	CHK'D	APP'D	DATE

REVISIONS

REGISTERED PROFESSIONAL ENGINEER M. M. S. HASSAN LICENSEE 28 Mar 13 NT/NU

REV.	ISSUE FOR	AUTH. BY		DATE
A	FOR PERMITTING	SH	MM	2013-03-28

ISSUE AUTHORIZATION

HATCH™

DESIGNED BY K. FALLAHI DATE 2013-03-28	DRAWN BY M. MCDOUGALD DATE 2013-03-28
CHECKED BY A. MOHEBKHANI DATE 2013-03-28	DISCIP. ENGR. S. HASSAN DATE 2013-03-28
PROJ. DES. CNSLT. T. THERTELL DATE 2013-03-28	PROJ. ENGR. J. CLELAND DATE 2013-03-28
PROJ. MGR. S. PERRY DATE 2013-03-28	

Baffinland Iron Mines Corporation

MARY RIVER PROJECT

MILNE PORT
SITE LAYOUT
DRAINAGE PLAN

SCALE 1:5000 OR AS NOTED

DWG. NO. H349000-2100-10-015-0002

REV. A

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