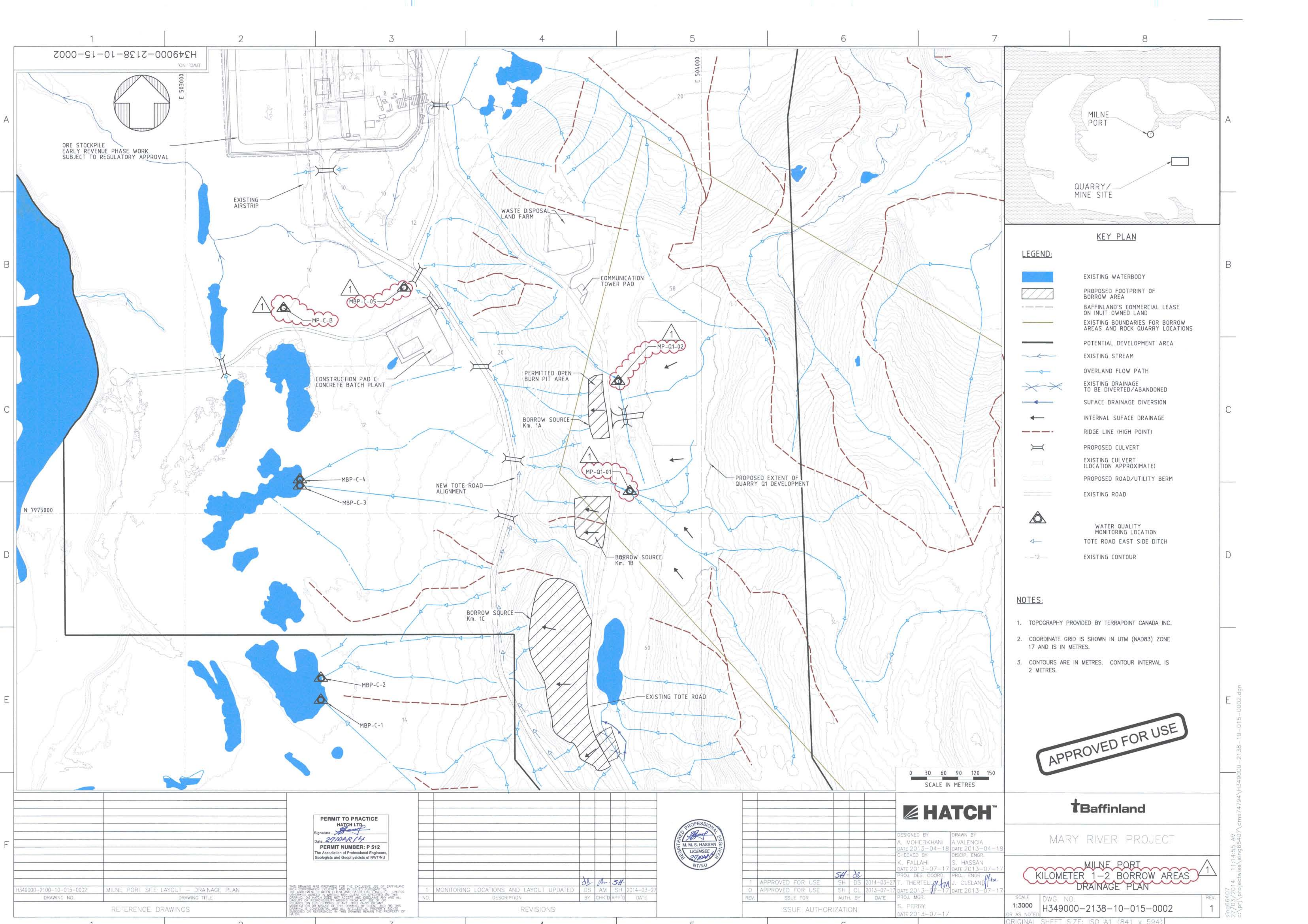


Appendix C.9: Quarries

Borrow Area Km 2 (H349000-2138-10-015-0002, Rev. 1)
Borrow Area Km 97 (H349000-4138-10-015-0002, Rev. 0)
Borrow Area Km 97 (H349000-4138-10-015-0009, Rev. A)
Borrow Area Km 104 (H349000-4138-10-015-0008, Rev. 0)
Borrow Area No. 2 (H349000-4138-10-015-0003, Rev. 0)
Borrow Area P1 (H349000-3138-10-015-0003, Rev. 1)
Quarry D1Q1 (H349000-4138-10-015-0004, Rev. 0)
Quarry D1Q2 (H349000-4138-10-015-0005, Rev. 0)
Quarry Q1 (H349000-2138-10-015-0001, Rev. A)
Quarry Q7 (H349000-3138-10-015-0001, Rev. 0)
Quarry Q11 (H349000-3138-10-015-0002, Rev. 0)
Quarry Q19 (H349000-3138-10-015-0004, Rev. 0)
Quarry QMR2 (H349000-4000-00-015-0008, Rev. A)
Km 97 Borrow Source (H34900-4138-10-015-0002, Rev. 0)



LEGEND:

- EXISTING WATERBODY
- PROPOSED FOOTPRINT OF BORROW AREA
- BAFFINLAND'S COMMERCIAL LEASE ON INUIT OWNED LAND
- EXISTING BOUNDARIES FOR BORROW AREAS AND ROCK QUARRY LOCATIONS
- POTENTIAL DEVELOPMENT AREA
- EXISTING STREAM
- OVERLAND FLOW PATH
- EXISTING DRAINAGE TO BE DIVERTED/ABANDONED
- SURFACE DRAINAGE DIVERSION
- INTERNAL SURFACE DRAINAGE
- RIDGE LINE (HIGH POINT)
- PROPOSED CULVERT
- EXISTING CULVERT (LOCATION APPROXIMATE)
- PROPOSED ROAD/UTILITY BERM
- EXISTING ROAD
- WATER QUALITY MONITORING LOCATION
- TOTE ROAD EAST SIDE DITCH
- EXISTING CONTOUR

KEY PLAN

MILNE PORT

QUARRY/ MINE SITE

- NOTES:**
- TOPOGRAPHY PROVIDED BY TERRAPOINT CANADA INC.
 - COORDINATE GRID IS SHOWN IN UTM (NAD83) ZONE 17 AND IS IN METRES.
 - CONTOURS ARE IN METRES. CONTOUR INTERVAL IS 2 METRES.

APPROVED FOR USE

PERMIT TO PRACTICE
HATCH LTD.
Signature: [Signature]
Date: 27 MAR 14
PERMIT NUMBER: P 512
The Association of Professional Engineers, Geologists and Geophysicists of NWT/NU

REVISIONS

NO.	DESCRIPTION	BY	CHK'D	APP'D	DATE
1	MONITORING LOCATIONS AND LAYOUT UPDATED	DS	AM	SH	2014-03-27

HATCH

DESIGNED BY: A. MOHEBKHANI
DATE 2013-04-18
CHECKED BY: K. FALLAH
DATE 2013-07-17
PROJ. DES. COORD: T. THERTELL
DATE 2013-07-17

DRAWN BY: A. VALENCIA
DATE 2013-04-18
DISCIP. ENGR: S. HASSAN
DATE 2013-07-17
PROJ. ENGR: J. CLELAND
DATE 2013-07-17

PROJ. MGR: S. PERRY
DATE 2013-07-17

Baffinland

MARY RIVER PROJECT

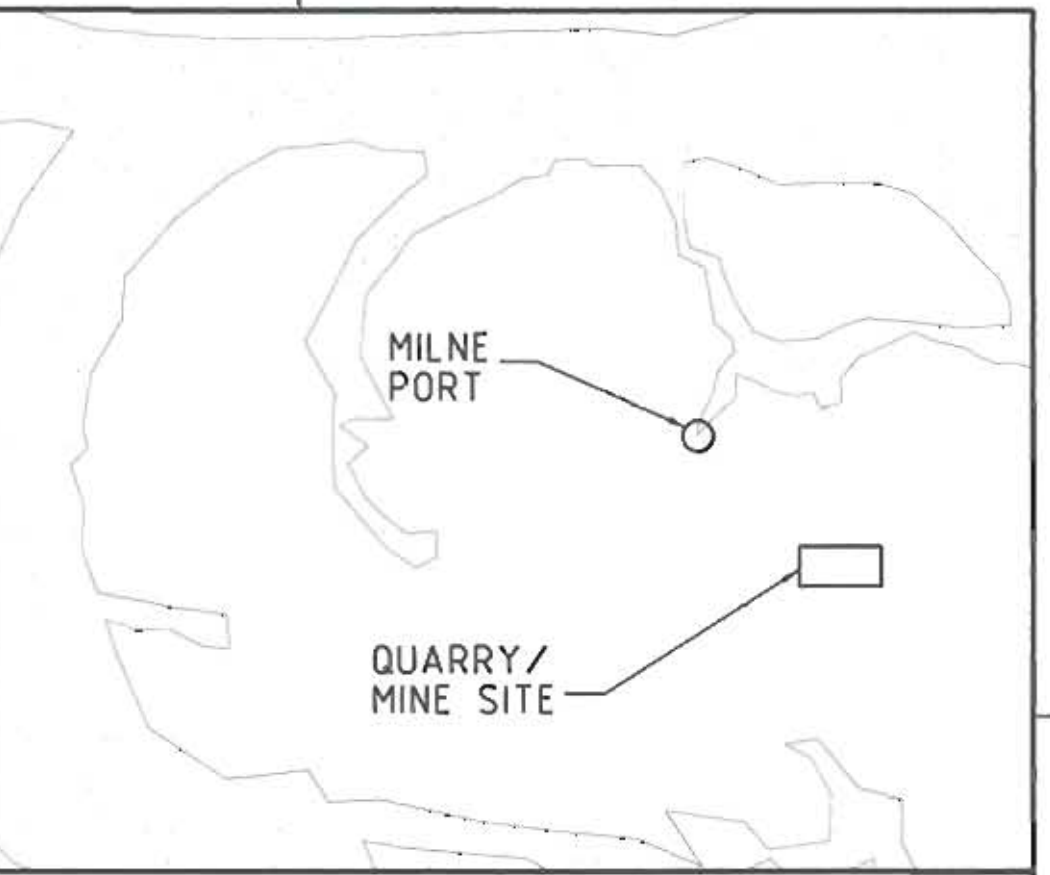
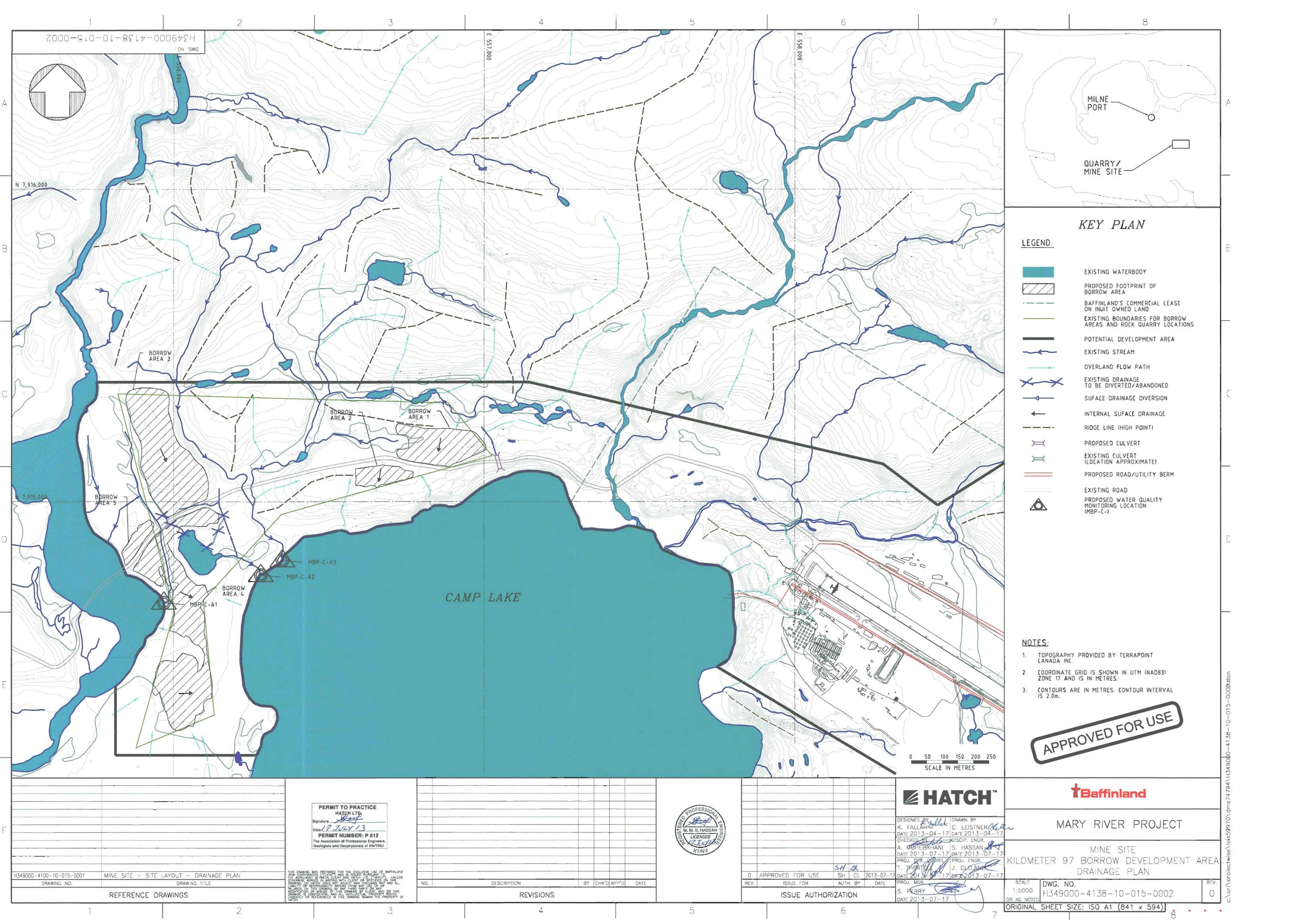
MILNE PORT
KILOMETER 1-2 BORROW AREAS
DRAINAGE PLAN

SCALE: 1:3000
DWG. NO.: H349000-2138-10-015-0002
ORIGINAL SHEET SIZE: ISO A1 (841 x 594)

REFERENCE DRAWINGS

DRAWING NO.	DRAWING TITLE
H349000-2100-10-015-0002	MILNE PORT SITE LAYOUT - DRAINAGE PLAN

27/03/2014 11:14:55 AM
c:\projects\hatch\h349000-2138-10-015-0002.dgn



- KEY PLAN**
- LEGEND:**
- EXISTING WATERBODY
 - PROPOSED FOOTPRINT OF BORROW AREA
 - BAFFINLAND'S COMMERCIAL LEASE ON INUIT OWNED LAND
 - EXISTING BOUNDARIES FOR BORROW AREAS AND ROCK QUARRY LOCATIONS
 - POTENTIAL DEVELOPMENT AREA
 - EXISTING STREAM
 - OVERLAND FLOW PATH
 - EXISTING DRAINAGE TO BE DIVERTED/ABANDONED
 - SURFACE DRAINAGE DIVERSION
 - INTERNAL SURFACE DRAINAGE
 - RIDGE LINE (HIGH POINT)
 - PROPOSED CULVERT
 - EXISTING CULVERT (LOCATION APPROXIMATE)
 - PROPOSED ROAD/UTILITY BERM
 - EXISTING ROAD
 - PROPOSED WATER QUALITY MONITORING LOCATION (MBP-C-1)

- NOTES:**
- TOPOGRAPHY PROVIDED BY TERRAPONT CANADA INC.
 - COORDINATE GRID IS SHOWN IN UTM (NAD83) ZONE 17 AND IS IN METRES.
 - CONTOURS ARE IN METRES. CONTOUR INTERVAL IS 2.0m.

APPROVED FOR USE



MARY RIVER PROJECT

MINE SITE
KILOMETER 97 BORROW DEVELOPMENT AREA
DRAINAGE PLAN

PERMIT TO PRACTICE
HATCH LTD.
Signature: [Signature]
Date: 17 JULY 13
PERMIT NUMBER: P 512
The Association of Professional Engineers, Geologists and Geophysicists of NWT/NT



DESIGNED BY: K. FALLAH
DATE: 2013-04-17
CHECKED BY: C. LEISTNER
DATE: 2013-04-17
PROJECT: MCR
DATE: 2013-07-17
PROJ. MGR: S. FERRY
DATE: 2013-07-17
PROJ. ENGR: J. CLELAND
DATE: 2013-07-17
PROJ. ENGR: S. HASSAN
DATE: 2013-07-17

DRAWING NO.	DRAWING TITLE
H349000-4100-10-015-0001	MINE SITE - SITE LAYOUT - DRAINAGE PLAN
REFERENCE DRAWINGS	

NO.	DESCRIPTION	BY	CHK'D	APP'D	DATE
REVISIONS					

0	APPROVED FOR USE	SH	CL	2013-07-17
REV.	ISSUE FOR	AUTH.	BY	DATE
ISSUE AUTHORIZATION				

SCALE: 1:5000
OR AS NOTED
DWG. NO. H349000-4138-10-015-0002
ORIGINAL SHEET SIZE: ISO A1 (841 x 594)
REV. 0