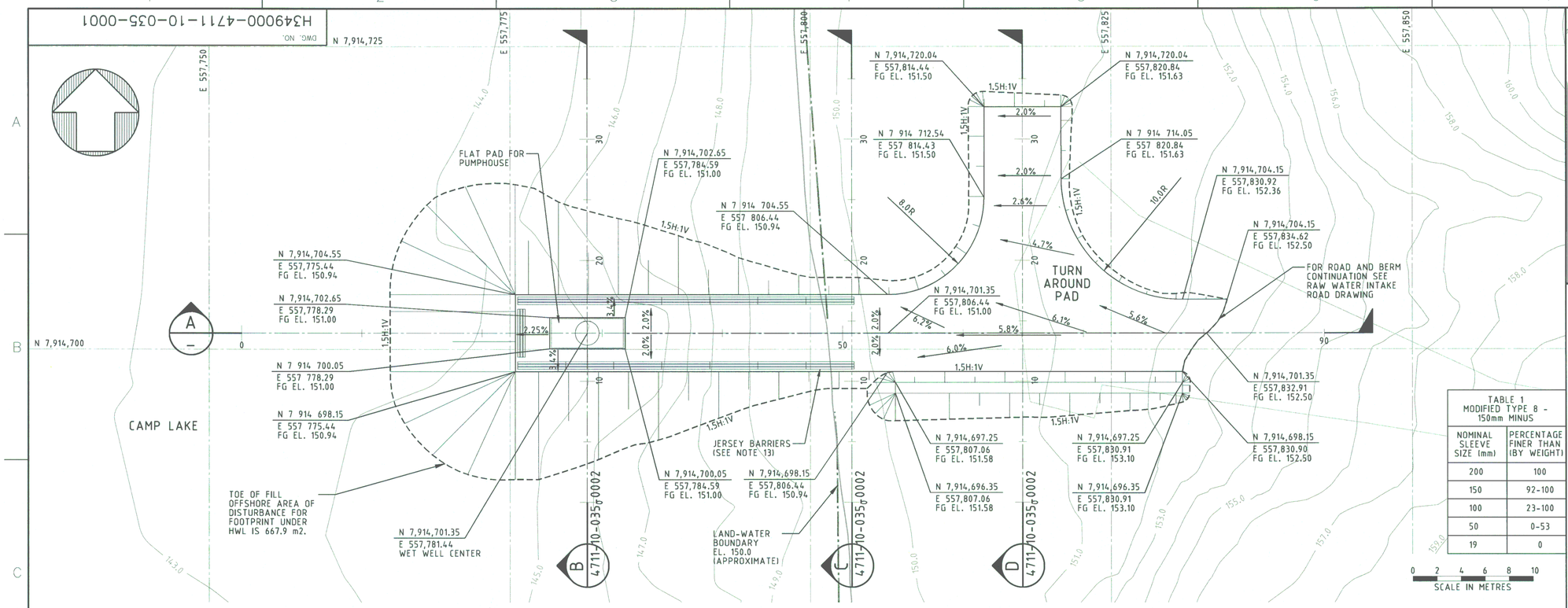
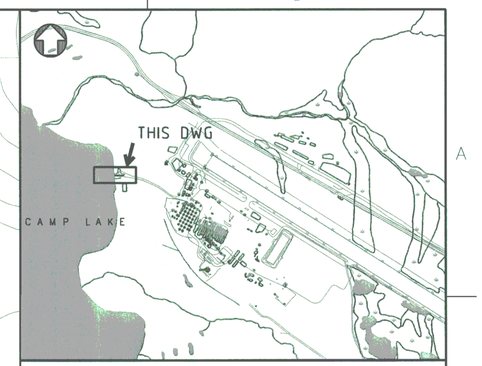
DWG. NO. H349000-4711-10-035-0001



WATER INTAKE - PLAN

1:200



KEY PLAN

TABLE 1 MODIFIED TYPE 8 - 150mm MINUS	
NOMINAL SLEEVE SIZE (mm)	PERCENTAGE FINER THAN (BY WEIGHT)
200	100
150	92-100
100	23-100
50	0-53
19	0

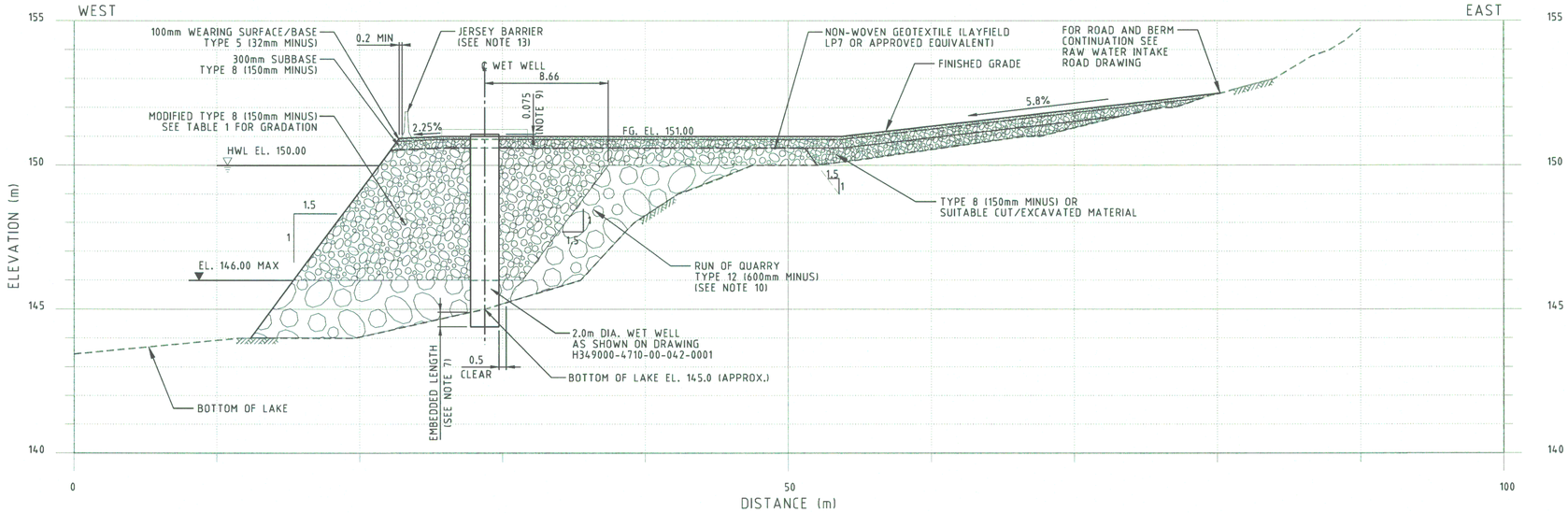
LEGEND:

- 150.0 — EXISTING GROUND CONTOURS
- FILL SLOPE
- TOE OF SLOPE
- RUN OF QUARRY TYPE 12 (600mm MINUS)
- TYPE 8 (150mm MINUS)
- MODIFIED TYPE 8 (150mm MINUS)
- TYPE 5 (32mm MINUS)
- % — GRADING SLOPE
- 50 — CROSS SECTION DISTANCE
- HWL — HIGH WATER LEVEL

NOTES:

1. ALL DIMENSIONS AND ELEVATIONS SHOWN ARE IN METRES UNLESS NOTED OTHERWISE.
2. TOPOGRAPHY PROVIDED BY TERRAPOINT CANADA INC.
3. CONTOURS ARE IN METRES. CONTOUR INTERVAL IS 1.0m.
4. FOR STANDARD EARTHWORK DETAILS REFER TO DRAWINGS H349000-1000-10-041-0001 AND H349000-1000-10-041-0002.
5. FOR FILL DEPTH >600mm AND DEPENDING ON FILL EXTENT, USE TYPE 12 IE RUN OF QUARRY (600mm MINUS).
6. FOR WET WELL DESIGN PARAMETERS REFER TO DRAWING H349000-4710-00-042-0001.
7. EMBED WET WELL INTO LAKE BOTTOM AS REQUIRED TO STABILIZE DURING CONSTRUCTION.
8. WET WELL SHOULD BE BRACED AND/OR STABILIZED DURING PLACEMENT OF ROCK FILL TO PREVENT DAMAGE AND TO ENSURE VERTICAL ALIGNMENT IS MAINTAINED. INSTALLED ALIGNMENT SHALL BE +/-0.5 DEGREES FROM TRUE VERTICAL.
9. TOP OF WET WELL SHALL BE CUT HORIZONTAL AT SPECIFIED DIMENSION AFTER COMPLETION OF ALL EARTHWORKS.
10. RUN OF QUARRY MATERIAL SHOULD BE CLEANED FROM FINES AND CLAY MATERIAL BEFORE PLACING.
11. CAMP LAKE BATHYMETRY PROVIDED BY NORTH/SOUTH CONSULTANT INC (SUMMER 2007).
12. BATHYMETRY CONVERTED TO MEAN SEA LEVEL BY KNIGHT PIESOLD CONSULTING.
13. JERSEY BARRIER: HY-GRADE PRECAST CONCRETE J-J HOOK CONCRETE BARRIER, LENGTH 4.000m x HEIGHT 0.900m, OR EQUIVALENT.

FOR CONSTRUCTION



SECTION A

1:200 H
1:100 V

DRAWING NO.	DRAWING TITLE
REFERENCE DRAWINGS	

PERMIT TO PRACTICE HATCH LTD.
Signature
Date 26 JULY/13
PERMIT NUMBER: P 512
The Association of Professional Engineers, Geologists and Geophysicists of NWT/NU

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

REGISTERED PROFESSIONAL ENGINEER M. M. S. HASSAN LICENSEE 26 July 13 NT/NU

REV.	ISSUE FOR	AUTH.	BY	DATE
0	CONSTRUCTION	SH	AS	2013-07-26
ISSUE AUTHORIZATION				

HATCH™

DESIGNED BY A. SAHELI DATE 2013-06-11	DRAWN A. COZZITORTO DATE 2013-06-11
CHECKED BY K. FALLAHI DATE 2013-07-26	DISCIP. ENGR. S. HASSAN DATE 2013-07-26
PROJ. DES. COORD. T. THERTELL DATE 2013-07-26	PROJ. ENGR. J. CLELAND DATE 2013-07-26
PROJ. MGR. S. PERRY DATE 2013-07-26	

Baffinland

MARY RIVER PROJECT

MINE SITE
RAW WATER INTAKE
EARTHWORKS & DRAINAGE – PLAN & SECTION

SCALE	DWG. NO.	REV.
1:200 OR AS NOTED	H349000-4711-10-035-0001	0

ORIGINAL SHEET SIZE: ISO A1 (841 x 594)

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