DWG. NO. H349000-2133-10-035-0001

SETOUT POINTS FOR ORE STOCKPILE PAD

POINT No.	NORTHING	EASTING	EL.
001	N 7 976 443.58	E 503 232.75	6.50
002	N 7 976 445.32	E 503 280.96	6.50
003	N 7 976 427.12	E 503 275.61	6.59
004	N 7 976 427.34	E 503 281.61	6.59
005	N 7 976 392.05	E 503 234.61	6.76
006	N 7 976 393.48	E 503 274.06	6.76
007	N 7 976 387.23	E 503 234.78	9.97
008	N 7 976 388.70	E 503 275.40	9.97
009	N 7 976 388.96	E 503 283.00	8.89
010	N 7 976 391.44	E 503 251.39	10.75
011	N 7 976 345.24	E 503 161.98	9.74
012	N 7 976 345.81	E 503 177.78	9.81
013	N 7 976 347.84	E 503 235.90	9.53
014	N 7 976 342.49	E 503 162.09	10.25
015	N 7 976 343.06	E 503 177.88	10.32
016	N 7 976 345.17	E 503 236.30	10.03
017	N 7 976 351.02	E 503 285.84	9.03
018	N 7 976 349.25	E 503 285.92	9.03
019	N 7 976 349.32	E 503 287.62	9.03
020	N 7 976 347.69	E 503 284.48	10.03
021	N 7 976 349.27	E 503 328.15	10.25
022	N 7 976 350.04	E 503 349.68	10.14
023	N 7 976 327.50	E 503 162.63	10.32
024	N 7 976 328.15	E 503 178.42	10.40
025	N 7 976 329.85	E 503 225.58	10.16
026	N 7 976 332.36	E 503 281.19	10.09
027	N 7 976 334.07	E 503 328.7	10.33
028	N 7 976 334.85	E 503 350.24	10.22
029	N 7 976 319.51	E 503 162.97	10.14
030	N 7 976 320.22	E 503 178.71	10.24
031	N 7 976 321.59	E 503 216.77	10.05
032	N 7 976 325.14	E 503 288.95	9.98
033	N 7 976 326.15	E 503 328.98	10.16
034	N 7 976 326.92	E 503 350.48	10.06
035	N 7 976 310.32	E 503 095.05	9.56
036	N 7 976 308.81	E 503 097.35	10.07
037	N 7 976 314.81	E 503 418.90	9.99
038	N 7 976 314.81	E 503 441.25	10.22
039	N 7 976 293.75	E 503 082.57	9.58
040	N 7 976 295.03	E 503 086.93	10.09
041	N 7 976 299.77	E 503 109.32	10.18
042	N 7 976 294.92	E 503 115.68	10.02
043	N 7 976 296.84	E 503 441.25	9.86
044	N 7 976 285.99	E 503 098.90	10.19
045	N 7 976 281.20	E 503 105.30	10.03
046	N 7 976 240.24	E 503 065.95	9.75
047	N 7 976 240.70	E 503 069.79	10.26
048	N 7 976 241.24	E 503 084.78	10.33
049	N 7 976 241.45	E 503 092.77	10.17
050	N 7 976 271.90	E 503 409.61	10.06
051	N 7 976 272.23	E 503 417.54	10.22
052	N 7 976 275.04	E 503 432.41	10.13
053	N 7 976 276.96	E 503 435.54	9.58
054	N 7 976 160.64	E 503 068.72	10.14
055	N 7 976 160.78	E 503 072.67	10.66
056	N 7 976 161.32	E 503 087.66	10.73
057	N 7 976 161.61	E 503 095.55	10.57
058	N 7 976 164.81	E 503 184.31	11.01
059	N 7 976 166.24	E 503 223.78	10.82
060	N 7 976 166.52	E 503 231.48	10.98
061	N 7 976 167.46	E 503 255.91	10.88
062	N 7 976 158.99	E 503 263.43	10.86
063	N 7 976 159.85	E 503 287.41	10.95
064	N 7 976 160.14	E 503 295.34	10.79
065	N 7 976 161.57	E 503 334.92	10.99
066	N 7 976 164.40	E 503 413.57	10.59
067	N 7 976 164.69	E 503 421.42	10.76
068	N 7 976 165.23	E 503 436.40	10.68
069	N 7 976 165.44	E 503 439.85	10.17
070	N 7 976 075.22	E 503 072.51	9.72
071	N 7 976 075.33	E 503 075.75	10.23
072	N 7 976 075.88	E 503 090.74	10.23
073	N 7 976 077.51	E 503 095.14	10.14
074	N 7 976 078.44	E 503 422.34	10.03
075	N 7 976 077.66	E 503 424.55	10.08
076	N 7 976 078.20	E 503 439.54	10.08
077	N 7 976 078.30	E 503 442.29	9.57
078	N 7 976 433.91	E 503 243.95	9.97
079	N 7 976 434.34	E 503 255.74	9.97
080	N 7 976 394.97	E 503 245.07	9.97
081	N 7 976 395.41	E 503 257.44	9.97
082	N 7 976 392.21	E 503 239.39	6.71
083	N 7 976 387.54	E 503 244.22	9.97
084	N 7 976 387.87	E 503 258.82	9.97
085	N 7 976 370.97	E 503 277.65	9.96
086	N 7 976 371.51	E 503 283.63	9.94
087	N 7 976 392.93	E 503 263.47	6.71

SETOUT POINTS FOR DRAINAGE BERM

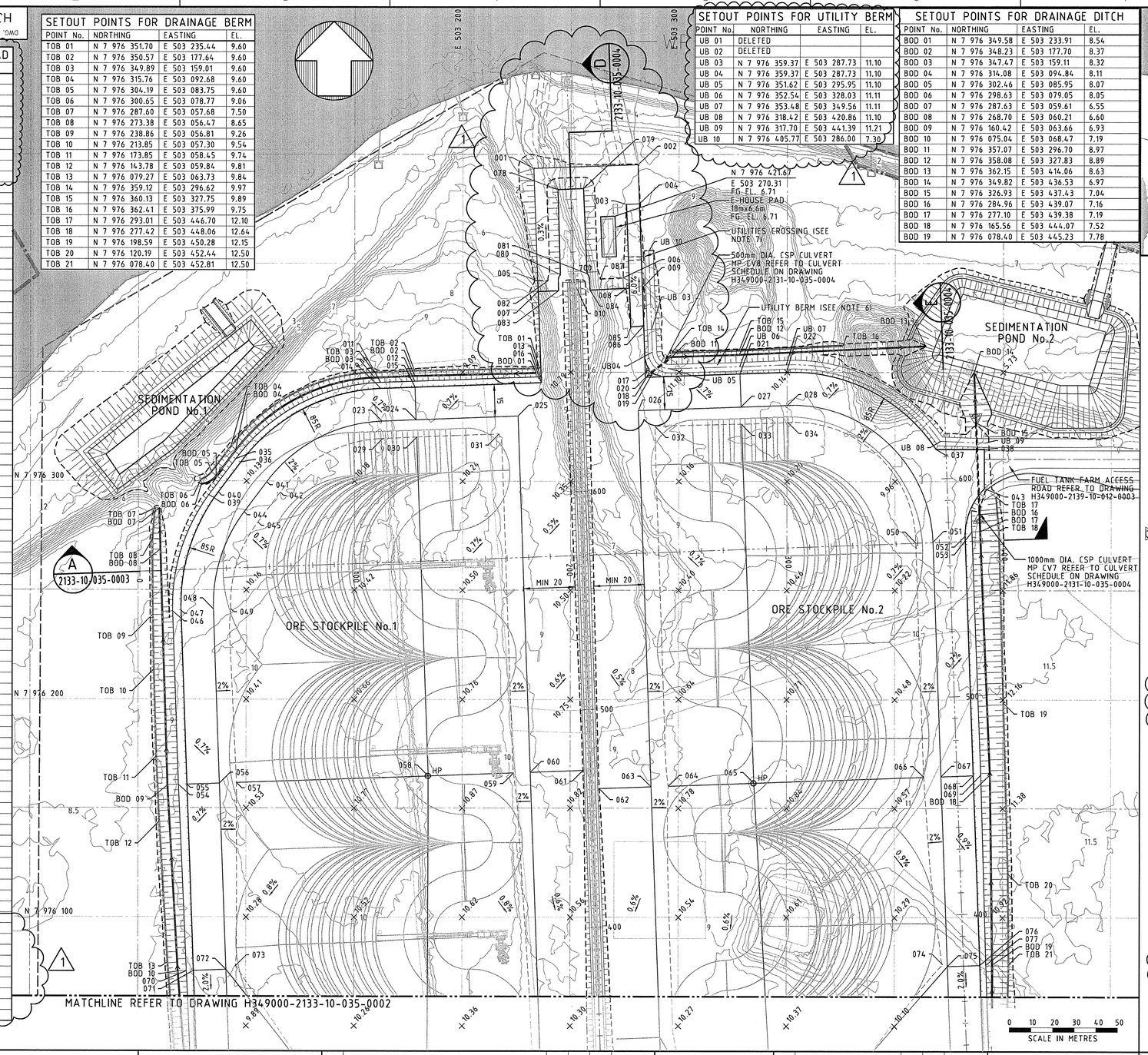
POINT No.	NORTHING	EASTING	EL.
TOB 01	N 7 976 351.70	E 503 235.44	9.60
TOB 02	N 7 976 350.57	E 503 177.64	9.60
TOB 03	N 7 976 349.89	E 503 159.01	9.60
TOB 04	N 7 976 315.76	E 503 092.68	9.60
TOB 05	N 7 976 304.19	E 503 083.75	9.60
TOB 06	N 7 976 300.65	E 503 078.77	9.06
TOB 07	N 7 976 287.60	E 503 057.68	7.50
TOB 08	N 7 976 273.38	E 503 056.47	8.65
TOB 09	N 7 976 238.86	E 503 056.81	9.26
TOB 10	N 7 976 213.85	E 503 057.30	9.54
TOB 11	N 7 976 173.85	E 503 058.45	9.74
TOB 12	N 7 976 143.78	E 503 059.84	9.81
TOB 13	N 7 976 079.27	E 503 063.73	9.84
TOB 14	N 7 976 359.12	E 503 296.62	9.97
TOB 15	N 7 976 360.13	E 503 327.75	9.89
TOB 16	N 7 976 362.41	E 503 375.99	9.75
TOB 17	N 7 976 293.01	E 503 446.70	12.10
TOB 18	N 7 976 277.42	E 503 448.06	12.64
TOB 19	N 7 976 198.59	E 503 450.28	12.15
TOB 20	N 7 976 120.19	E 503 452.44	12.50
TOB 21	N 7 976 078.40	E 503 452.81	12.50

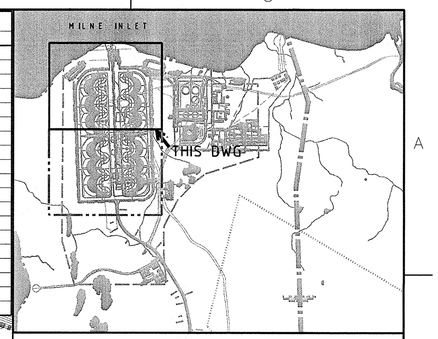
SETOUT POINTS FOR UTILITY BERM

POINT No.	NORTHING	EASTING	EL.
UB 01	DELETED		
UB 02	DELETED		
UB 03	N 7 976 359.37	E 503 287.73	11.10
UB 04	N 7 976 359.37	E 503 287.73	11.10
UB 05	N 7 976 351.62	E 503 295.95	11.10
UB 06	N 7 976 352.54	E 503 328.03	11.11
UB 07	N 7 976 353.48	E 503 349.56	11.11
UB 08	N 7 976 318.42	E 503 420.86	11.10
UB 09	N 7 976 317.70	E 503 441.39	11.21
UB 10	N 7 976 405.77	E 503 286.00	7.30

SETOUT POINTS FOR DRAINAGE DITCH

POINT No.	NORTHING	EASTING	EL.
BOD 01	N 7 976 349.58	E 503 233.91	8.54
BOD 02	N 7 976 348.23	E 503 177.70	8.37
BOD 03	N 7 976 347.47	E 503 159.11	8.32
BOD 04	N 7 976 314.08	E 503 094.84	8.11
BOD 05	N 7 976 302.46	E 503 085.95	8.07
BOD 06	N 7 976 298.63	E 503 079.05	8.05
BOD 07	N 7 976 287.63	E 503 059.61	6.55
BOD 08	N 7 976 268.70	E 503 060.21	6.60
BOD 09	N 7 976 160.42	E 503 063.66	6.93
BOD 10	N 7 976 075.04	E 503 068.47	7.19
BOD 11	N 7 976 357.07	E 503 296.70	8.97
BOD 12	N 7 976 358.08	E 503 327.83	8.89
BOD 13	N 7 976 362.15	E 503 414.06	8.63
BOD 14	N 7 976 349.82	E 503 436.53	6.97
BOD 15	N 7 976 326.93	E 503 437.43	7.04
BOD 16	N 7 976 284.96	E 503 439.07	7.16
BOD 17	N 7 976 277.10	E 503 439.38	7.19
BOD 18	N 7 976 165.56	E 503 444.07	7.52
BOD 19	N 7 976 078.40	E 503 445.23	7.78





KEY PLAN

LEGEND

- EXISTING GROUND CONTOURS
- EXISTING WATERBODY
- BAFFINLAND'S COMMERCIAL LEASE ON INUIT OWNED LAND
- PROJECT DEVELOPMENT AREA (PDA)
- FILL SLOPE
- CUT SLOPE
- TOE OF SLOPE
- SLOPE BREAKLINE
- % GRADING SLOPE
- CENTERLINE OF DITCH
- CULVERT
- 1.15 FG EL. AT 50m x 50m GRID
- HP HIGH POINT
- 01 SETOUT POINT NUMBER
- CSP CORRUGATED STEEL PIPE
- 100 CROSS SECTION DISTANCE
- UTILITIES CROSSING (SEE NOTE 7)
- UB UTILITY BERM
- TOB TOP OF BERM
- BOD BOTTOM OF DITCH

NOTES:

1. TOPOGRAPHY PROVIDED BY TERRAPOINT CANADA INC.
2. COORDINATE GRID IS SHOWN IN UTM (NAD83) ZONE 17 AND IS IN METRES.
3. CONTOURS ARE IN METRES. CONTOUR INTERVAL IS 0.5m.
4. ALL DIMENSIONS AND ELEVATIONS SHOWN ARE IN METRES UNLESS NOTED OTHERWISE.
5. FOR SEDIMENTATION PONDS PLAN AND DETAIL REFER TO DRAWING H349000-2345-10- 035-0001.
6. FOR UTILITY BERM TYPICAL DETAILS REFER TO DRAWINGS H349000-1000-10-041-0006, -0007 AND -0009
7. UTILITIES ARE CROSSING ROAD SURFACES UNDERNEATH OF RAMP TO REACH ON TOP OF FINISHED SURFACE ELEVATION (6.7). FOR TYPICAL DETAILS FOR ROAD CROSSING SEE DETAIL 18, DRAWING H349000-1000-10-041-0009

FOR CONSTRUCTION

DRAWING NO.	DRAWING TITLE
H349000-2345-10-035-0001	MILNE PORT–ORE STOCKPILE SEDIMENTATION PONDS–EARTHWORKS & DRAINAGE
H349000-2000-00-014-0001	MILNE PORT–SITE LAYOUT

REFERENCE DRAWINGS

PERMIT TO PRACTICE HATCH LTD.
Signature
Date 15.NOV.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
		G.J.	KF	SH	
1	EARTHWORKS BOUNDARY AND ELEVATIONS AT NORTH CHANGED DUE TO CONVEYOR MODIFICATIONS	GJ	KF	SH	2013-11-15

REVISIONS

REGISTERED PROFESSIONAL ENGINEER M. M. S. HASSAN LICENSEE 15 NOV 13 NT/NU

REV.	ISSUE FOR	AUTH. BY		DATE
		SH	GJ	
1	CONSTRUCTION	SH	GJ	2013-11-15
0	CONSTRUCTION	SH	MM	2013-08-30

ISSUE AUTHORIZATION

HATCH™

DESIGNED BY K. FALLAHI DATE 2013-08-23	DRAWN BY M. MCDOUGALD DATE 2013-08-23
CHECKED BY A. MOHEBKHANI DATE 2013-08-29	DISCIP. ENGR. S. HASSAN DATE 2013-08-29
PROJ. DES. COORD. T. THERTELL DATE 2013-08-29	PROJ. ENGR. S. PERRY DATE 2013-08-29
PROJ. MGR. J. CLELAND DATE 2013-08-29	

Baffinland

MARY RIVER PROJECT

MILNE PORT
ORE STOCKPILES NO. 1 & 2
EARTHWORKS & DRAINAGE – PLAN

SCALE 1:1000 OR AS NOTED | DWG. NO. H349000-2133-10-035-0001 | REV. 1

ORIGINAL SHEET SIZE: ISO A1 (841 x 594)

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