

Project Memo

H349002

2016-09-30

To: **Baffinland**
Jim MillardFrom: **Hatch**
Matthew Buykx

cc: Wayne McPhee

James Cleland

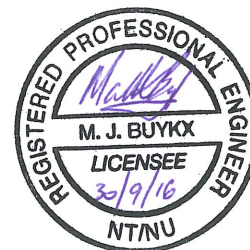
Baffinland Iron Mines Corporation**Mine Site Crusher Pad Drainage**

As requested, Hatch has revised the Mine Site Ore Crushing & Screening Earthworks & Drainage – Plan drawing (Drawing Number H349000-4133-10-035-0001) to As-Built status. This revised drawing now shows the drainage ditches and swales constructed by Baffinland Iron Mines (BIM). The drawing revision is based on survey data and photos provided by BIM.



Matthew Buykx, P. Eng

MB:jfw





KEY PLAN

LEGEND:

- AS BUILT GROUND CONTOURS
- FILL SLOPE
- CUT SLOPE
- TOE OF SLOPE
- CENTERLINE OF DITCH
- FLOW DIRECTION
- SLOPE BREAKLINE
- AS BUILT POINT NUMBER
- BOTTOM OF DITCH/SWALE
- TOP OF BERM

NOTES:

1. AS BUILT SURVEY DATA PROVIDED BY BAFINLAND.
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.

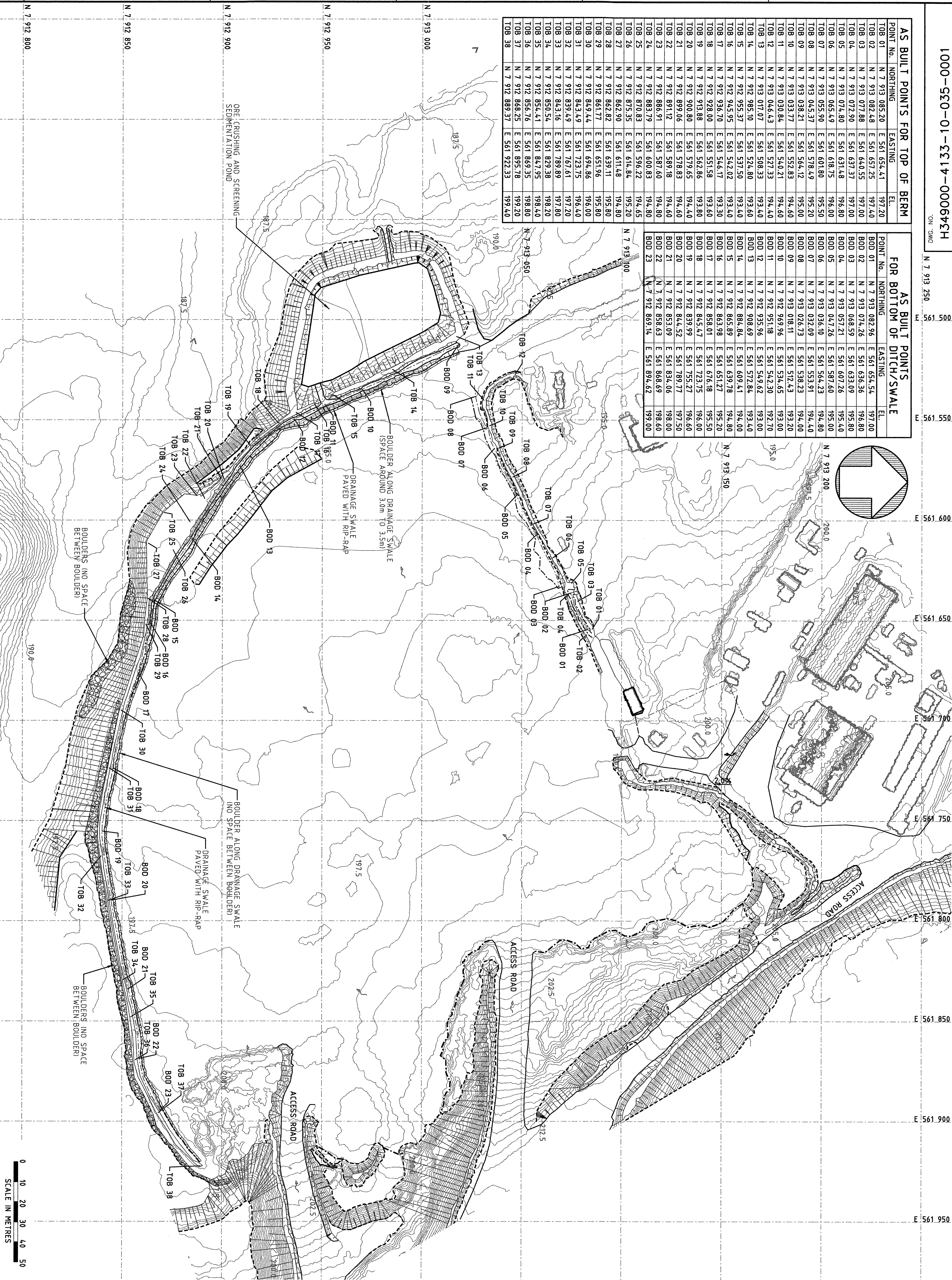
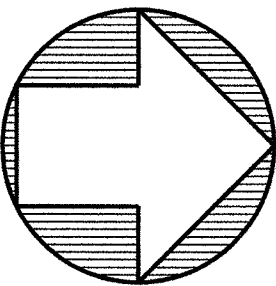


AS BUILT POINTS FOR TOP OF BERM

POINT No.	NORTHING	EASTING	EL.
TOB 01	N 7 913 085.20	E 561 656.41	197.20
TOB 02	N 7 913 082.48	E 561 657.25	197.40
TOB 03	N 7 913 077.88	E 561 640.55	197.00
TOB 04	N 7 913 072.90	E 561 637.37	197.00
TOB 05	N 7 913 074.80	E 561 631.48	196.80
TOB 06	N 7 913 065.49	E 561 618.75	195.00
TOB 07	N 7 913 055.99	E 561 601.80	195.50
TOB 08	N 7 913 045.37	E 561 578.49	195.20
TOB 09	N 7 913 038.21	E 561 566.12	195.00
TOB 10	N 7 913 033.77	E 561 552.83	194.60
TOB 11	N 7 913 030.84	E 561 540.21	194.60
TOB 12	N 7 913 046.43	E 561 527.33	194.40
TOB 13	N 7 913 077.07	E 561 508.33	193.40
TOB 14	N 7 912 985.10	E 561 524.80	193.60
TOB 15	N 7 912 955.37	E 561 537.50	193.40
TOB 16	N 7 912 945.95	E 561 542.02	193.40
TOB 17	N 7 912 936.70	E 561 546.17	193.30
TOB 18	N 7 912 928.00	E 561 551.58	193.60
TOB 19	N 7 912 913.88	E 561 562.86	193.80
TOB 20	N 7 912 900.80	E 561 579.65	194.40
TOB 21	N 7 912 899.06	E 561 578.83	194.60
TOB 22	N 7 912 891.12	E 561 589.18	194.60
TOB 23	N 7 912 886.91	E 561 587.60	194.80
TOB 24	N 7 912 883.79	E 561 600.83	194.80
TOB 25	N 7 912 870.83	E 561 596.22	194.65
TOB 26	N 7 912 862.90	E 561 614.84	195.20
TOB 27	N 7 912 862.50	E 561 611.48	194.80
TOB 28	N 7 912 862.82	E 561 639.11	195.80
TOB 29	N 7 912 861.77	E 561 651.96	195.80
TOB 30	N 7 912 864.44	E 561 659.86	196.00
TOB 31	N 7 912 863.49	E 561 723.75	196.40
TOB 32	N 7 912 839.49	E 561 767.61	197.20
TOB 33	N 7 912 843.16	E 561 789.89	197.80
TOB 34	N 7 912 850.54	E 561 829.38	198.20
TOB 35	N 7 912 854.41	E 561 847.95	198.40
TOB 36	N 7 912 866.76	E 561 869.35	198.80
TOB 37	N 7 912 868.25	E 561 895.78	199.20
TOB 38	N 7 912 889.37	E 561 922.33	199.40

AS BUILT POINTS FOR BOTTOM OF DITCH/SWALE

POINT No.	NORTHING	EASTING	EL.
BOD 01	N 7 913 082.96	E 561 654.54	197.00
BOD 02	N 7 913 074.26	E 561 636.36	196.80
BOD 03	N 7 913 068.59	E 561 633.09	195.80
BOD 04	N 7 913 052.21	E 561 607.26	195.40
BOD 05	N 7 913 042.26	E 561 587.40	195.00
BOD 06	N 7 913 034.09	E 561 564.23	194.60
BOD 07	N 7 913 026.07	E 561 553.91	194.40
BOD 08	N 7 913 026.73	E 561 538.23	194.00
BOD 09	N 7 913 018.11	E 561 512.43	193.20
BOD 10	N 7 912 969.96	E 561 534.65	193.00
BOD 11	N 7 912 955.18	E 561 542.30	192.70
BOD 12	N 7 912 935.96	E 561 549.62	193.00
BOD 13	N 7 912 908.69	E 561 572.84	193.40
BOD 14	N 7 912 884.84	E 561 609.41	194.00
BOD 15	N 7 912 868.89	E 561 639.78	194.80
BOD 16	N 7 912 863.98	E 561 651.27	195.20
BOD 17	N 7 912 858.07	E 561 676.18	195.30
BOD 18	N 7 912 845.47	E 561 723.75	196.00
BOD 19	N 7 912 839.99	E 561 755.27	196.60
BOD 20	N 7 912 844.52	E 561 789.77	197.50
BOD 21	N 7 912 853.09	E 561 834.06	198.00
BOD 22	N 7 912 858.63	E 561 868.69	198.60
BOD 23	N 7 912 869.14	E 561 894.62	199.00



MARY RIVER PROJECT

MINE SITE
ORE CRUSHING & SCREENING
EARTHWORKS & DRAINAGE - PLAN

SCALE: 1:1000
DWG. NO. H349000-4133-10-035-0001

OR AS NOTED
ORIGINAL SHEET SIZE: ISO A1 (841 x 594)

USERNAME: \$
DATE: \$
FILE: \$

\$TIME\$