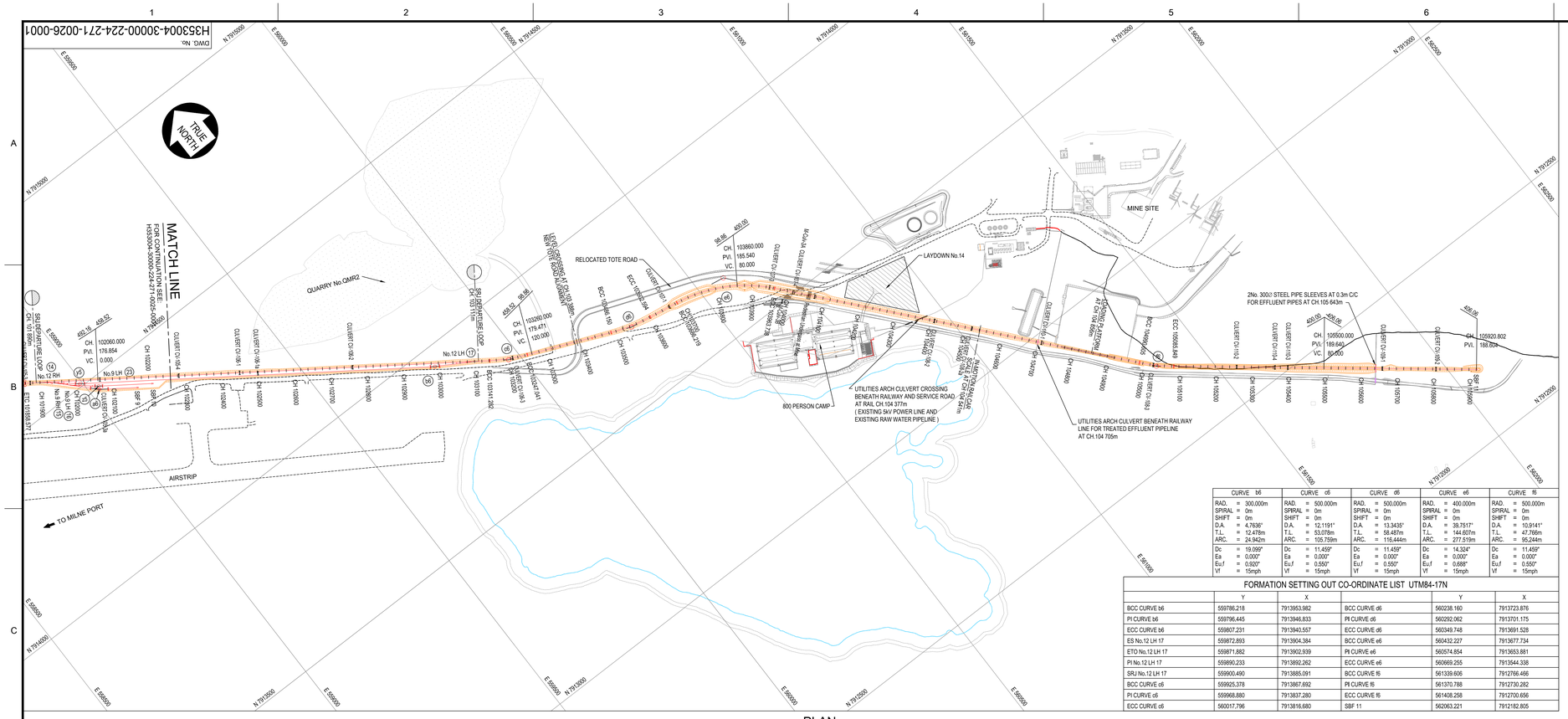
DWG. No. H353004-30000-224-271-0026-0001

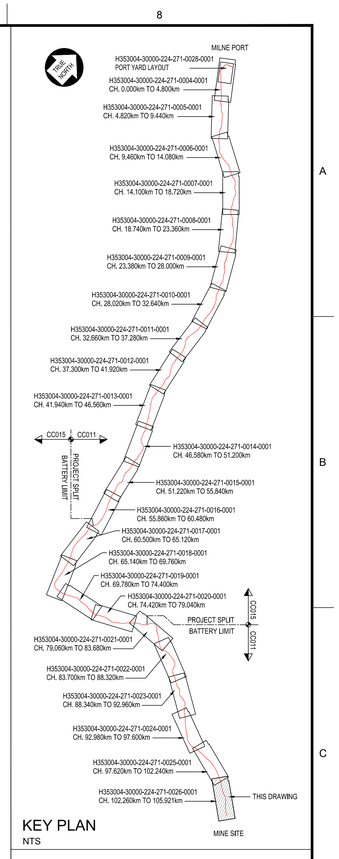


CURVE b6	CURVE c6	CURVE d6	CURVE e6	CURVE f6
RAD. = 300.000m	RAD. = 500.000m	RAD. = 500.000m	RAD. = 400.000m	RAD. = 500.000m
SPIRAL = 0m	SPIRAL = 0m	SPIRAL = 0m	SPIRAL = 0m	SPIRAL = 0m
SHIFT = 0m	SHIFT = 0m	SHIFT = 0m	SHIFT = 0m	SHIFT = 0m
D.A. = 4.7636°	D.A. = 12.1191°	D.A. = 13.3435°	D.A. = 39.7517°	D.A. = 10.9141°
T.L. = 12.478m	T.L. = 53.078m	T.L. = 58.487m	T.L. = 144.607m	T.L. = 47.766m
ARC. = 24.942m	ARC. = 105.759m	ARC. = 116.444m	ARC. = 277.519m	ARC. = 95.244m
Dc = 19.099°	Dc = 11.459°	Dc = 11.459°	Dc = 14.324°	Dc = 11.459°
Ea = 0.000"	Ea = 0.000"	Ea = 0.000"	Ea = 0.000"	Ea = 0.000"
Eu,f = 0.920"	Eu,f = 0.550"	Eu,f = 0.550"	Eu,f = 0.688"	Eu,f = 0.550"
Vf = 15mph	Vf = 15mph	Vf = 15mph	Vf = 15mph	Vf = 15mph

FORMATION SETTING OUT CO-ORDINATE LIST UTM84-17N

	Y	X		Y	X
BCC CURVE b6	559786.218	7913953.982	BCC CURVE d6	560238.160	7913723.876
PI CURVE b6	559796.445	7913946.833	PI CURVE d6	560292.062	7913701.175
ECC CURVE b6	559807.231	7913940.557	ECC CURVE d6	560349.748	7913691.528
ES No.12 LH 17	559872.893	7913904.384	BCC CURVE e6	560432.227	7913677.734
ETO No.12 LH 17	559871.882	7913902.939	PI CURVE e6	560574.854	7913653.881
PI No.12 LH 17	559890.233	7913892.262	ECC CURVE e6	560669.255	7913544.338
SRJ No.12 LH 17	559900.490	7913885.091	BCC CURVE f6	561339.606	7912766.466
BCC CURVE c6	559925.378	7913867.692	PI CURVE f6	561370.788	7912730.282
PI CURVE c6	559968.880	7913837.280	ECC CURVE f6	561408.258	7912700.656
ECC CURVE c6	560017.796	7913816.680	SBF 11	562063.221	7912182.805

PLAN
SCALE 1:5000

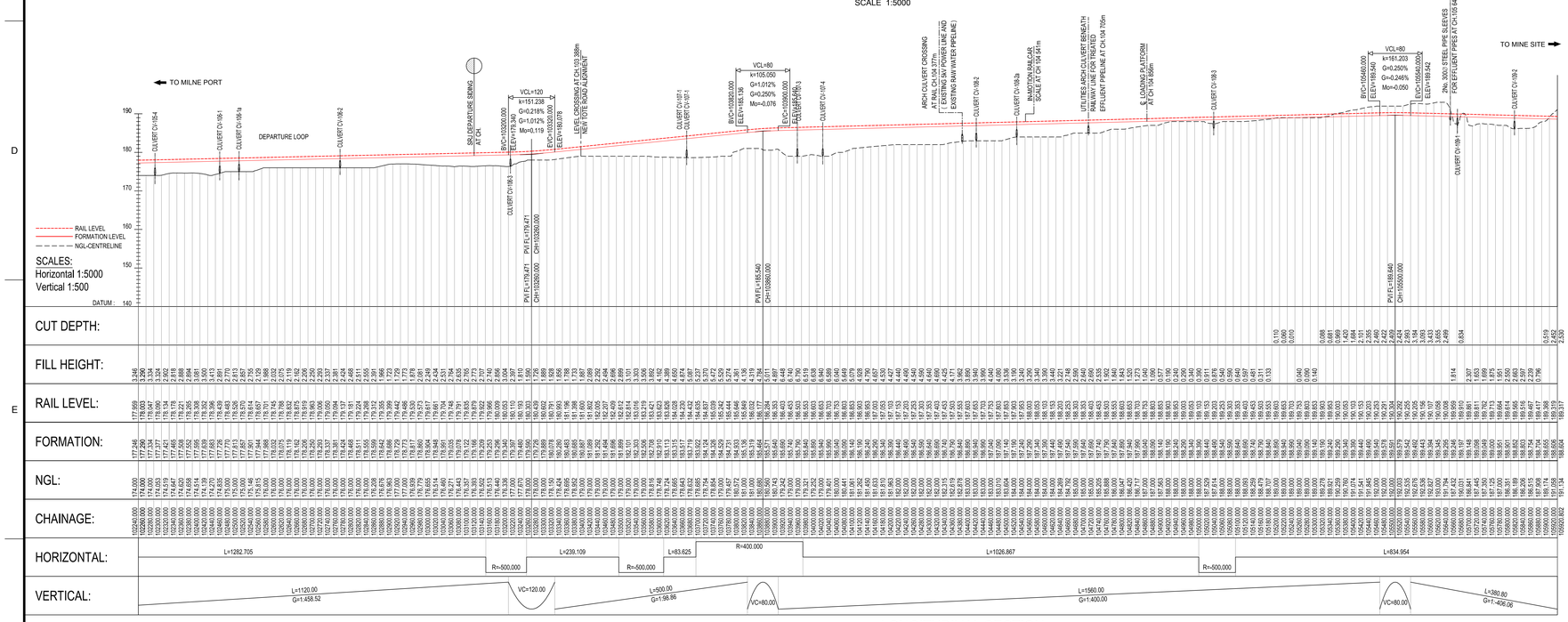


KEY PLAN
NTS

LEGEND :

NOTE :

1. EARTHWORKS FOOTPRINT DOES NOT INDICATE EXTENT OF FORMATION WIDENING AROUND CURVES WHERE APPLICABLE （REFER TO TYPICAL DRAWINGS）.
2. START / END DEVIATION REFER TO RAIL ALIGNMENT EXTENDING BEYOND EXISTING PERMITTING AREA BOUNDARIES.
3. CO-ORDINATE SYSTEM: WGS 1984 UTM, ZONE 17 NORTH, METER
4. ALL DIMENSIONS SHOWN ARE IN METERS, UNLESS OTHERWISE SPECIFIED.
5. THIS DRAWING WAS PREVIOUSLY ISSUED AS: H353004-00000-224-272-0026 -0001
6. FORMATION = TOP OF SUBGRADE.
7. CURVE DATA BELOW THE LINE IS IN IMPERIAL UNITS (IU).



LONGITUDINAL SECTION

PERMIT TO PRACTICE
HATCH LTD.
Signature
Date
PERMIT NUMBER: P 912
The Association of Professional Engineers, Geologists and Geophysicists of NWT/NU

No.	DESCRIPTION	BY	CHK'D	DATE
1	ALIGNMENT ALTERED.	AJVN		2021/01/18
0	APPROVED FOR CONSTRUCTION.	AJVN		2019/03/27

REVISIONS

REG. PROFESSIONAL

APPROVED FOR CONSTRUCTION

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HATCH

DRAFTSPERSON	A VAN NIEKERK	NR	2017/01/25
DESIGNER	A VAN NIEKERK	NR	2017/01/07
CHECKER	G JOHNSTONE		.
DESIGN COORD.	G JOHNSTONE		.
RESP. ENG.	R HALIM		.
LEAD DISC. ENG.	F VAN BILJON		.
AREA LEAD	F VAN BILJON		.
ENG. MANAGER	F VAN BILJON		.
AREA MANAGER	F PITTMAN		

ROLE	NAME	SIGNATURE	DATE

DRAWING APPROVAL STATUS: Approved for Construction

Baffinland

BAFFINLAND IRON MINES LPT
MARY RIVER PROJECT

RAIL SITE
PLAN AND LONGITUDINAL SECTION
CH. 102+240 TO CH. 105+921

SCALE 1:5,000 OR AS NOTED
DWG. No. H353004-30000-224-271-0026-0001
REV. 1
SHEET SIZE: A0

$USERNAME
$DATE
$TIME
$FILES

DRAWING No.	DRAWING TITLE
H353004-30000-224-271-0027-0001	PLAN AND LONGITUDINAL SECTION - CH. 106+900 TO CH. 109+229
H353004-30000-224-271-0025-0001	PLAN AND LONGITUDINAL SECTION - CH. 97+620 TO CH. 102+240

REFERENCE DRAWINGS