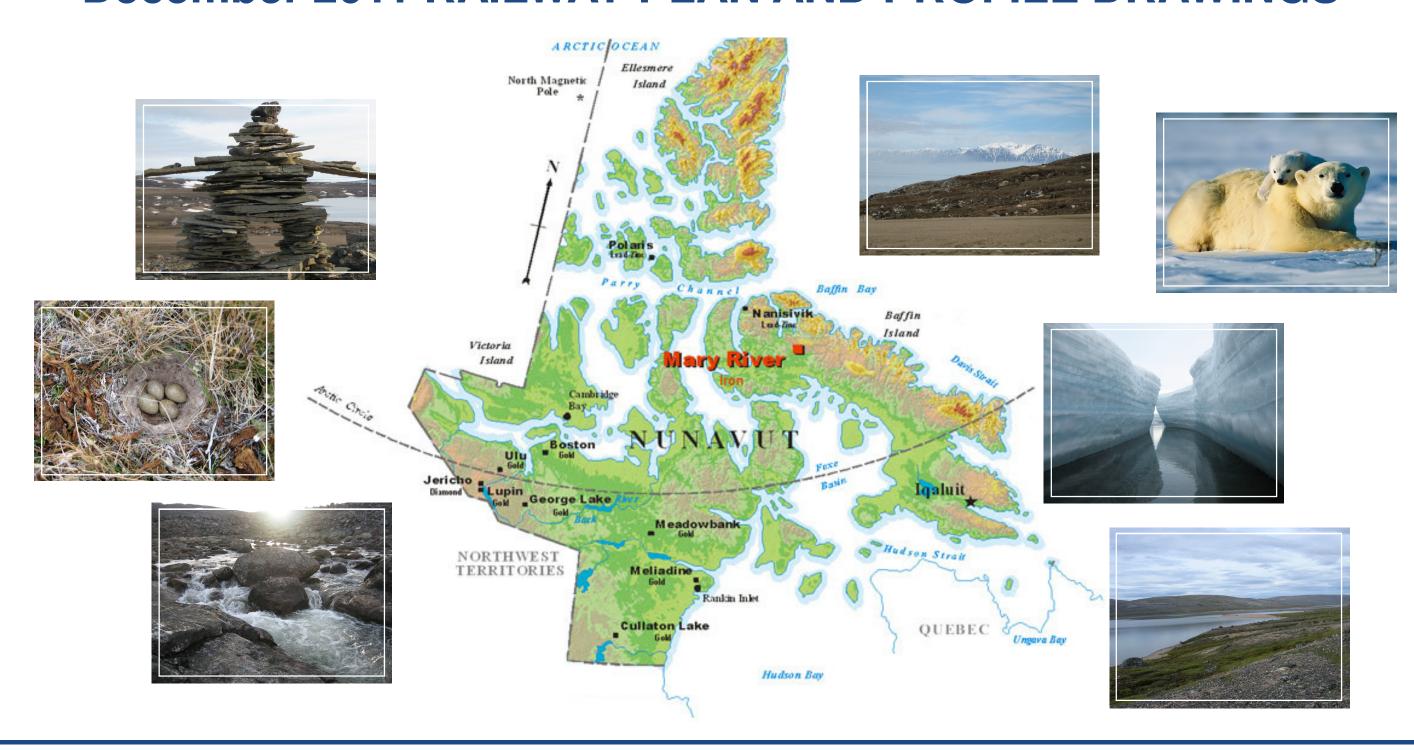
BAFFINLAND IRON MINES CORPORATION MARY RIVER PROJECT

December 2011 RAILWAY PLAN AND PROFILE DRAWINGS







| DRAWING | REV. | DOCUMENT TITLE |
|--|------|---|
| 11-030-DWG-LT-2100-001 | 0 | RAILWAY PLAN AND PROFILE DRAWING LIST |
| 11-030-DWG-LT-2100-002 | 0 | RAILWAY PLAN AND PROFILE DRAWING LIST |
| 11-030-DWG-LT-2100-003 | 0 | RAILWAY PLAN AND PROFILE LEGEND AND SYMBOLS |
| 11-030-DWG-AL-2100-001 | 0 | RAILWAY PORT - LOOP & YARD PLAN AND PROFILE KP0+000- KP1+700 |
| 11-030-DWG-AL-2100-002 | 0 | RAILWAY PORT - LOOP & YARD PLAN AND PROFILE KP1+700- KP3+400 |
| 11-030-DWG-AL-2100-003 | 0 | RAILWAY PORT - LOOP & YARD PLAN AND PROFILE KP3+400- KP5+100 |
| 11-030-DWG-AL-2100-004 | 0 | RAILWAY PORT - LOOP & YARD PLAN AND PROFILE KP5+100- KP6+800 |
| 11-030-DWG-AL-2100-005 | 0 | RAILWAY PORT - LOOP & YARD PLAN AND PROFILE KP6+800- KP8+500 |
| 11-030-DWG-AL-2100-006 | 0 | RAILWAY PORT - LOOP & YARD PLAN AND PROFILE KP8+500- KP9+602 |
| 11-030-DWG-AL-2100-007 | 0 | RAILWAY PORT - TANK FARM TRACK Y1 & Y2 PLAN AND PROFILE |
| 11-030-DWG-AL-2200-001 | 0 | RAILWAY PLAN AND PROFILE KP0+570 - KP2+300 |
| 11-030-DWG-AL-2200-002 | 0 | RAILWAY PLAN AND PROFILE KP2+300 - KP4+000 |
| 11-030-DWG-AL-2200-003 | 0 | RAILWAY PLAN AND PROFILE KP4+000 - KP5+700 |
| 11-030-DWG-AL-2200-004 | 0 | RAILWAY PLAN AND PROFILE KP5+700 - KP7+400 |
| 11-030-DWG-AL-2200-005 | 0 | RAILWAY PLAN AND PROFILE KP7+406 - KP9+106 |
| 11-030-DWG-AL-2200-006 | 0 | RAILWAY PLAN AND PROFILE KP9+106 - KP10+806 |
| 11-030-DWG-AL-2200-007 | 0 | RAILWAY PLAN AND PROFILE KP10+806 - KP12+506 |
| 11-030-DWG-AL-2200-008 | 0 | RAILWAY PLAN AND PROFILE KP12+506 - KP14+206 |
| 11-030-DWG-AL-2200-009 | 0 | RAILWAY PLAN AND PROFILE KP14+206 - KP15+906 |
| 11-030-DWG-AL-2200-010 | 0 | RAILWAY PLAN AND PROFILE KP15+906 - KP17+606 |
| 11-030-DWG-AL-2200-011 | 0 | RAILWAY PLAN AND PROFILE KP17+606 - KP19+306 |
| 11-030-DWG-AL-2200-012 | 0 | RAILWAY PLAN AND PROFILE KP19+306 - KP21+006 |
| 11-030-DWG-AL-2200-013 | 0 | RAILWAY PLAN AND PROFILE KP21+006 - KP22+712 |
| 11-030-DWG-AL-2200-014 | 0 | RAILWAY PLAN AND PROFILE KP22+712 - KP24+412 |
| 11-030-DWG-AL-2200-015 | 0 | RAILWAY PLAN AND PROFILE KP24+012 - KP26+112 |
| 11-030-DWG-AL-2200-016 | 0 | RAILWAY PLAN AND PROFILE KP26+112 - KP27+812 |
| 11-030-DWG-AL-2200-017 | 0 | RAILWAY PLAN AND PROFILE KP27+812 - KP29+512 |
| 11-030-DWG-AL-2200-018 | 0 | RAILWAY PLAN AND PROFILE KP29+512 - KP31+2012 |
| 11-030-DWG-AL-2200-019 | 0 | RAILWAY PLAN AND PROFILE KP31+212 - KP32+912 |
| 11-030-DWG-AL-2200-020 | 0 | RAILWAY PLAN AND PROFILE KP32+912 - KP34+612 |
| 11-030-DWG-AL-2200-021 | 0 | RAILWAY PLAN AND PROFILE KP34+612 - KP36+312 |
| 11-030-DWG-AL-2200-021 | 0 | RAILWAY PLAN AND PROFILE KP36+312 - KP37+600 |
| 11-030-DWG-AL-2200-022 | 0 | RAILWAY PLAN AND PROFILE KP37+600 - KP39+382 |
| 11-030-DWG-AL-2200-023 | 0 | RAILWAY PLAN AND PROFILE KP39+382 - KP41+164 |
| 11-030-DWG-AL-2200-024 11-030-DWG-AL-2200-025 | 0 | RAILWAY PLAN AND PROFILE KP41+164 - KP42+946 |
| 11-030-DWG-AL-2200-025 11-030-DWG-AL-2200-026 | 0 | RAILWAY PLAN AND PROFILE KP41+104 - KP42+946 RAILWAY PLAN AND PROFILE KP42+946- KP44+728 |
| 11-030-DWG-AL-2200-026 11-030-DWG-AL-2200-027 | 0 | RAILWAY PLAN AND PROFILE KP42+946- KP44+728 RAILWAY PLAN AND PROFILE KP44+728 - KP46+510 |
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| 11-030-DWG-AL-2200-028 | 0 | RAILWAY PLAN AND PROFILE KP46+510 - KP45+539 |
| 11-030-DWG-AL-2200-029 | 0 | RAILWAY PLAN AND PROFILE KP45+539 - KP47+340 |
| 11-030-DWG-AL-2200-030 | 0 | RAILWAY PLAN AND PROFILE KP47+340 - KP49+122 |
| 11-030-DWG-AL-2200-031 | 0 | RAILWAY PLAN AND PROFILE KP49+122 - KP50+904 |

| 0 | 11/12/08 | ISSUED FOR "FEIS" PERMITTING | S.C. | C.F. | C/N4 |
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| 0 11 11 11 11 | Iron Mines Corporation |

| DRAWN BY: | | DATE: | NAME OF C |
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| S.C. | | 2011/12/08 | |
| DESIGNED BY: | | DATE: | 1 |
| S.C. | | 2011/12/08 | |
| CHECKED BY: | | DATE: | PROJECT N |
| L.M. | | 2011/12/08 | |
| APPROVED BY: | | DATE: | 1 |
| C.F. | | 2011/12/08 | |
| SIZE: | SCALE: | ISSUED DATE: | 1 |
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| 11x17 | 1 | 2011/12/09 | |

BAFFINLAND IRON MINES CORPORATION

DRAWING

11-030-DWG-AL-2200-032

11-030-DWG-AL-2200-033

11-030-DWG-AL-2300-001

11-030-DWG-AL-2300-002

11-030-DWG-AL-2300-003

11-030-DWG-AL-2300-004

11-030-DWG-AL-2300-005

11-030-DWG-AL-2300-006

11-030-DWG-AL-2300-007

11-030-DWG-AL-2300-008

11-030-DWG-AL-2300-009

11-030-DWG-AL-2300-010

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DOCUMENT TITLE

RAILWAY PLAN AND PROFILE KP50+904 - KP52+711

RAILWAY PLAN AND PROFILE KP52+711 - KP54+493

RAILWAY PLAN AND PROFILE KP54+493 - KP56+275

RAILWAY PLAN AND PROFILE KP56+275- KP58+057

RAILWAY PLAN AND PROFILE KP58+057 - KP59+839

RAILWAY PLAN AND PROFILE KP59+839 - KP61+621

RAILWAY PLAN AND PROFILE KP61+621 - KP63+403

RAILWAY PLAN AND PROFILE KP63+403 - KP65+185

RAILWAY PLAN AND PROFILE KP65+185 - KP66+967

RAILWAY PLAN AND PROFILE KP66+967 - KP68+749

RAILWAY PLAN AND PROFILE KP68+749 - KP70+518 RAILWAY PLAN AND PROFILE KP70+518 - KP72+274

RAILWAY PLAN AND PROFILE KP72+274 - KP74+056

RAILWAY PLAN AND PROFILE KP74+056 - KP75+838

RAILWAY PLAN AND PROFILE KP75+838 - KP77+620 RAILWAY PLAN AND PROFILE KP77+620 - KP79+420

RAILWAY PLAN AND PROFILE KP79+400 - KP81+183

RAILWAY PLAN AND PROFILE KP81+183 - KP82+965 RAILWAY PLAN AND PROFILE KP82+965 - KP84+747

RAILWAY PLAN AND PROFILE KP84+747 - KP86+489

RAILWAY PLAN AND PROFILE KP86+489 - KP88+271

RAILWAY PLAN AND PROFILE KP88+271 - KP90+053

RAILWAY PLAN AND PROFILE KP90+053 - KP91+836

RAILWAY PLAN AND PROFILE KP91+836 - KP93+618

RAILWAY PLAN AND PROFILE KP93+618 - KP95+407

RAILWAY PLAN AND PROFILE KP95+407 - KP95+500

RAILWAY PLAN AND PROFILE KP95+500 - KP97+282

RAILWAY PLAN AND PROFILE KP97+282 - KP99+064

RAILWAY PLAN AND PROFILE KP99+000 - KP100+846

RAILWAY PLAN AND PROFILE KP100+846 - KP102+628 RAILWAY PLAN AND PROFILE KP102+628 - KP104+430

RAILWAY PLAN AND PROFILE KP104+430 - KP106+212

RAILWAY PLAN AND PROFILE KP106+212 - KP107+994

RAILWAY PLAN AND PROFILE KP107+994 - KP109+776

RAILWAY PLAN AND PROFILE KP109+776 - KP111+442

RAILWAY PLAN AND PROFILE KP111+442 - KP113+224

RAILWAY PLAN AND PROFILE KP113+224 - KP115+006

RAILWAY PLAN AND PROFILE KP115+006 - KP116+894

RAILWAY PLAN AND PROFILE KP116+894 - KP118+676

RAILWAY PLAN AND PROFILE KP118+676 - KP120+458

RAILWAY PLAN AND PROFILE KP120+458 - KP122+243

MARY RIVER **REVISED FEASIBILITY**

| RAILWAY PLAN AND PROFILE |
|--------------------------|
| DRAWING LIST |

11-030-DWG-LT- 2000-001

11-030

| - | DRAWING | REV. | DOCUMENT TITLE |
|---|------------------------|------|--|
| | 11-030-DWG-AL-2400-016 | 0 | RAII WAY PLAN AND PROFILE KP122+243 - KP124+025 |
| - | 11-030-DWG-AL-2400-017 | 0 | RAILWAY PLAN AND PROFILE KP124+025 - KP125+807 |
| - | 11-030-DWG-AL-2400-017 | 0 | RAILWAY PLAN AND PROFILE KP125+807 - KP127+560 |
| ŀ | | | |
| | 11-030-DWG-AL-2400-019 | 0 | RAILWAY PLAN AND PROFILE KP127+560 - KP129+342 |
| | 11-030-DWG-AL-2400-020 | 0 | RAILWAY PLAN AND PROFILE KP129+342 - KP131+124 |
| | 11-030-DWG-AL-2400-021 | 0 | RAILWAY PLAN AND PROFILE KP131+124 - KP132+906 |
| Ī | 11-030-DWG-AL-2400-022 | 0 | RAILWAY PLAN AND PROFILE KP132+906 - KP134+688 |
| Ī | 11-030-DWG-AL-2400-023 | 0 | RAILWAY PLAN AND PROFILE KP134+688 - KP136+438 |
| Ī | 11-030-DWG-AL-2400-024 | 0 | RAILWAY PLAN AND PROFILE KP136+438 - KP138+220 |
| Ī | 11-030-DWG-AL-2400-025 | 0 | RAILWAY PLAN AND PROFILE KP138+220 - KP140+002 |
| Ī | 11-030-DWG-AL-2400-026 | 0 | RAILWAY PLAN AND PROFILE KP140+002 - KP141+784 |
| Ī | 11-030-DWG-AL-2400-027 | 0 | RAILWAY PLAN AND PROFILE KP141+784 - KP142+544 |
| | 11-030-DWG-AL-2500-001 | 0 | RAILWAY MINE SERVICE TRACK PLAN AND PROFILE KP0+000- KP1+700 |
| | 11-030-DWG-AL-2500-002 | 0 | RAILWAY MINE SERVICE TRACK PLAN AND PROFILE KP1+700- KP3+400 |
| Ī | 11-030-DWG-AL-2500-003 | 0 | RAILWAY MINE SERVICE PLAN AND PROFILE KP3+400- KP3+824 |

| 11/12/08 | ISSUED FOR "FEIS" PERMITTING | S.C. | C.F. |
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| | 11/12/08 YY/MM/DD | | |



| DRAWN BY: S.C. | | WE: 2011/12/08 | NAME OF CLIENT: | BAFFINLAND IRON MINES CORPORATION | TII |
|----------------------|--------|--------------------|-----------------|------------------------------------|-----|
| DESIGNED BY: S.C. | | 2011/12/08 | | BAIT INLAND INON MINES CONTONATION | |
| CHECKED BY: L.M. | | DME: 2011/12/08 | PROJECT NAME: | | |
| PPROVED BY: C.F. | | DME: 2011/12/08 | | MARY RIVER | |
| SIZE: | SCALE: | ISSUED DATE: | | REVISED FEASIBILITY | PR |
| 11x17 | | 2011/12/09 | | | |

| RAILWAY PLAN AND PROFILE | |
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| DRAWING LIST | |

| | DIVINING NO.: | KEA. |
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| 11-030 | 11-030-DWG-LT- 2000-002 | 00 |

SYMBOL DEFINITION AND LEGEND

ABBREVIATIONS

STRUCTURES

BR-105-1 ····· Bridge - kilometer Point of - Bridge #

CV-105-1 ··· Culvert - kilometer Point of - Culvert #

SW Switch

HORIZONTAL GEOMETRY

AR Access Road
BP Alignment Beginning Point
EP Alignment End Point
TS Point of Tangent to Spiral
SC Point of Spiral to Curve
CS Point of Curve to Spiral
ST Point of Spiral to Tangent
KP Kilometer Point
R Radius of Horizontal Curve

· · · · · Element Length

····· Length of Spiral

VERTICAL GEOMETRY

BVLE Begin Vertical Curve Elevation
BVLS Begin Vertical Curve Station

ELEV · · · · · Elevation

 EVCE
 End Vertical Curve Elevation

 EVCS
 End Vertical Curve Station

 LVC
 Length of Vertical Curve

PVI ELEV Elevation of the Point to Vertical Inflection
PVI STA Station at the Point to Vertical Inflection
STA Station

m Meters

HYDROLOGICAL

W.L. Water Level

NOTES:

1. Ravin realignment KP24+000 - KP45+000

2. Cockburn crossing:

Preliminary Access road alignment subject to modification at the crossing area.

3.Bridges ROW

ROW boundaries throughout the alignment have been determined on the basis of a continuous embankment footprint. The detailed design of bridges will result in a reduction of the embankment footprint and ROW width at most bridge locations.

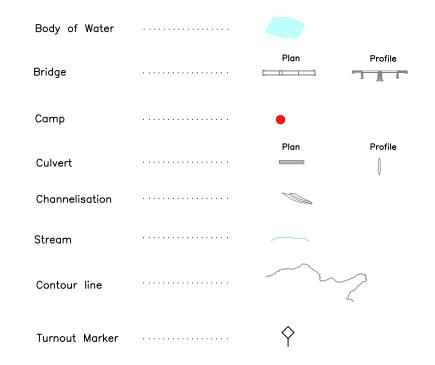
4.Rock fall risk areas:

The definition of the construction ROW does not consider additional areas that may be necessary for the stabilization of the existing rock slope and protection measures outside the cut area.

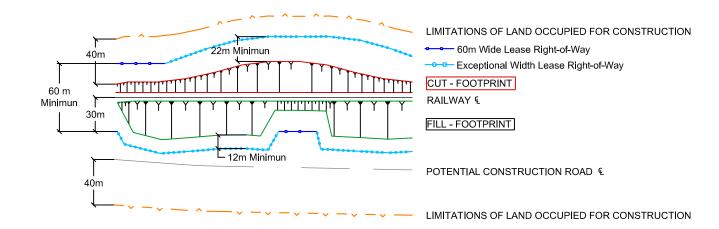
5.Station Equations are used in sections of realignment to maintain bridge and culvert number sequence for cross—reference against environmental hydrological studies.

6.Structure designations (BR or CV) have been retained in some cases where hydrological analysis has determined a different structure. Thus some bridges are identified as CV and some culverts as BR.

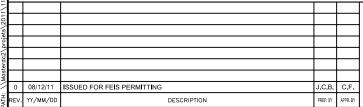
SYMBOLS



RIGHT-OF-WAY DEFINITION



THIS DRAWING IS BASED ON DETAILS ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.





| DRAWN BY: | | DATE: | NAME OF CLIENT: | | TITLE |
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| L.M. | | 08/12/2011 | | BAFFINLAND IRON MINES CORPORATION | |
| DESIGNED BY: | | DATE: | Ī | BAFFINLAND IRON WINES CORPORATION | |
| J.C.B. | | 08/12/2011 | | | |
| CHECKED BY: | | DATE: | PROJECT NAME: | | Ī |
| D.R. | | 08/12/2011 | | | |
| APPROVED BY: | | DATE: | 1 | MARY RIVER | |
| C.F. | | 08/12/2011 | 1 | | |
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RAILWAY PLAN AND PROFILE LEGEND AND SYMBOL

