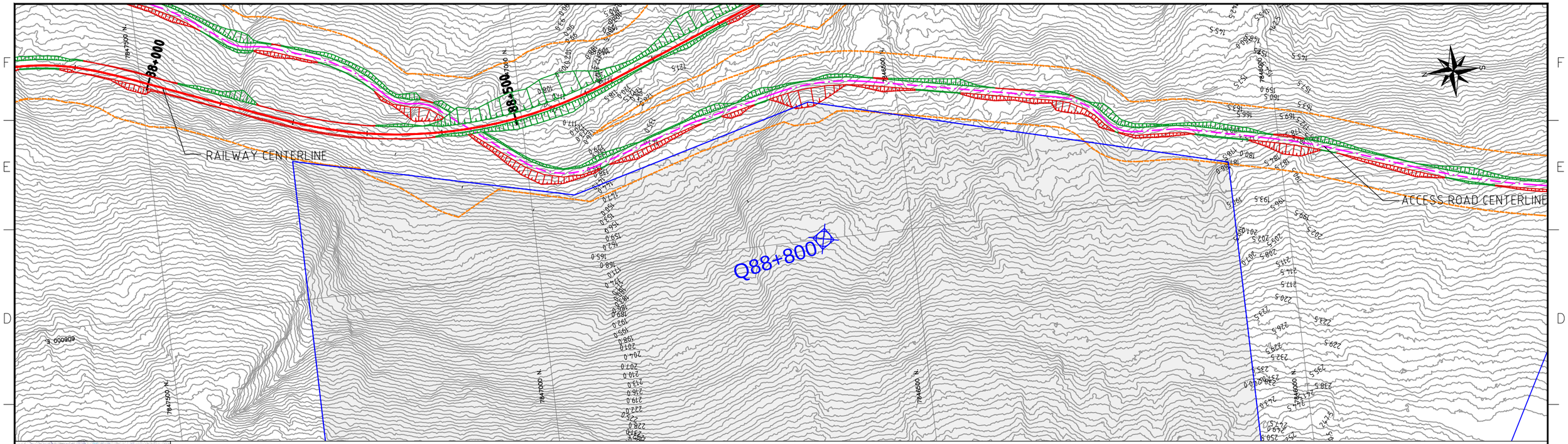

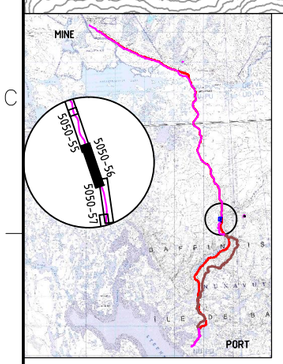

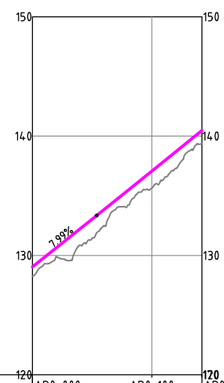

STATIONS (Km)	AR0+000	AR0+100	AR0+142
GROUND ELEVATION (m)	128.26	135.64	
TOP OF SUBGRADE ELEV. (m)	129.05	137.06	

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001.
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Bound
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
100m 0 100m — Horizontal
10m 0 10m — Vertical

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	10/12/10	ISSUED FOR DEIS ONLY	J.C.B.	C.F.	D.G.			
0		PRELIMINARY DESIGN	S.C.					

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

STAMP/SEAL

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CLIENT PROJECT MGR. | DEPARTMENT MGR. | PROJECT MGR.

PROJECT PHASE: PERMITTING

PROJECT NO.: 159952

ACTIVITY NO.:

SCALE: AS SHOWN

PACKAGE CODE:

	BY	DDMMMYY
DSN	M.L	
DRN	S.C.	
CHK	C.F.	10/12/10
APP		

Baffinland Iron Mines Corporation

AREA 5200 — RAILWAY MAIN ALIGNMENT

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY Q88+800

CANARAIL

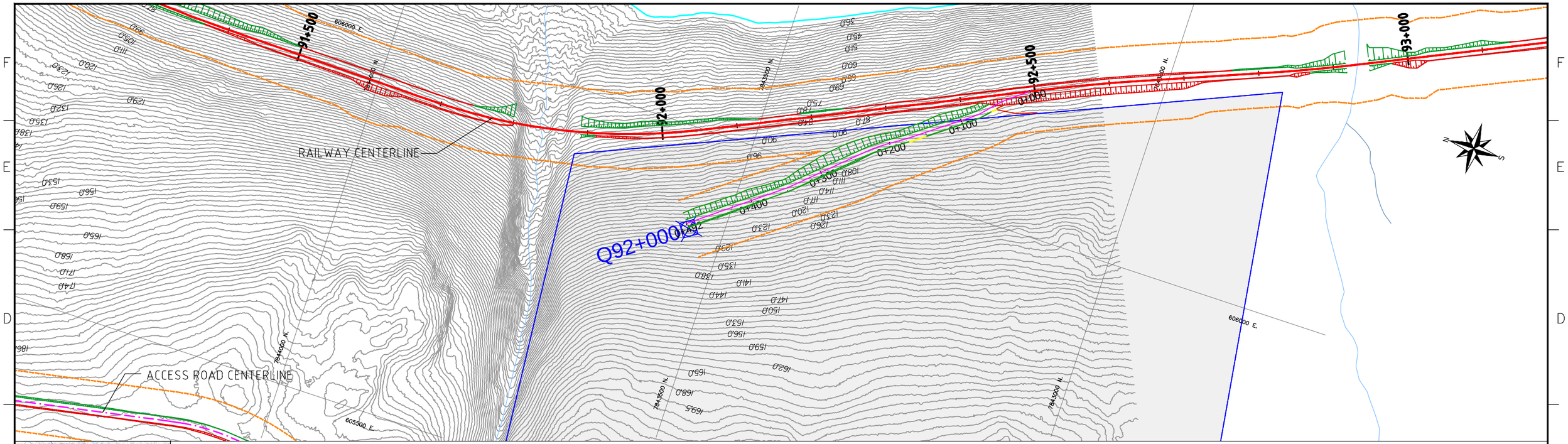
PROJECT NUMBER 07-036

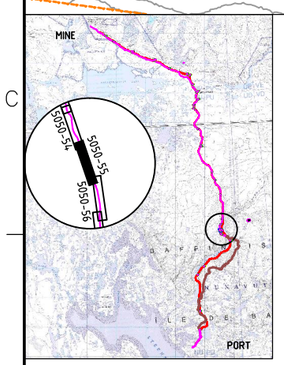
DRAWING NO. A3-159952-5200-121-5051-37

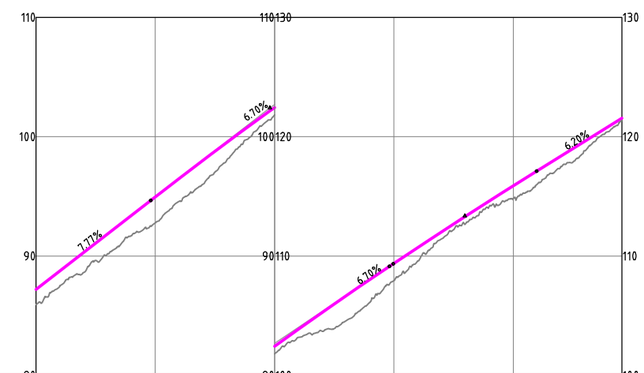
REV. 1

CAD FILE:

USER: DARREN REYNOLDS
PLOTTED: 17-Dec-10 8:10 PM
SAVED: 17-Dec-10 5:21 PM







STATIONS (Km)	AR0+000	AR0+100	AR0+200	AR0+300	AR0+400	AR0+491.14
GROUND ELEVATION (m)	85.94	92.78	101.82	107.93	114.80	121.35
TOP OF SUBGRADE ELEV. (m)	87.20	94.97	102.45	109.39	115.88	121.54

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001.
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Bound
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
100m 0 100m — Horizontal
10m 0 10m — Vertical

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	10/12/10	ISSUED FOR DEIS ONLY	J.C.B.	C.F.	D.G.			
0		PRELIMINARY DESIGN	S.C.					

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

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CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE: PERMITTING

AREA: 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NO.: 159952

ACTIVITY NO.:

SCALE: AS SHOWN

PACKAGE CODE:

	BY	DDMMMYY
DSN	M.L	
DRN	S.C.	
CHK	C.F.	10/12/10
APP		

Baffinland Iron Mines Corporation

CANARAIL

PROJECT NUMBER: 07-036

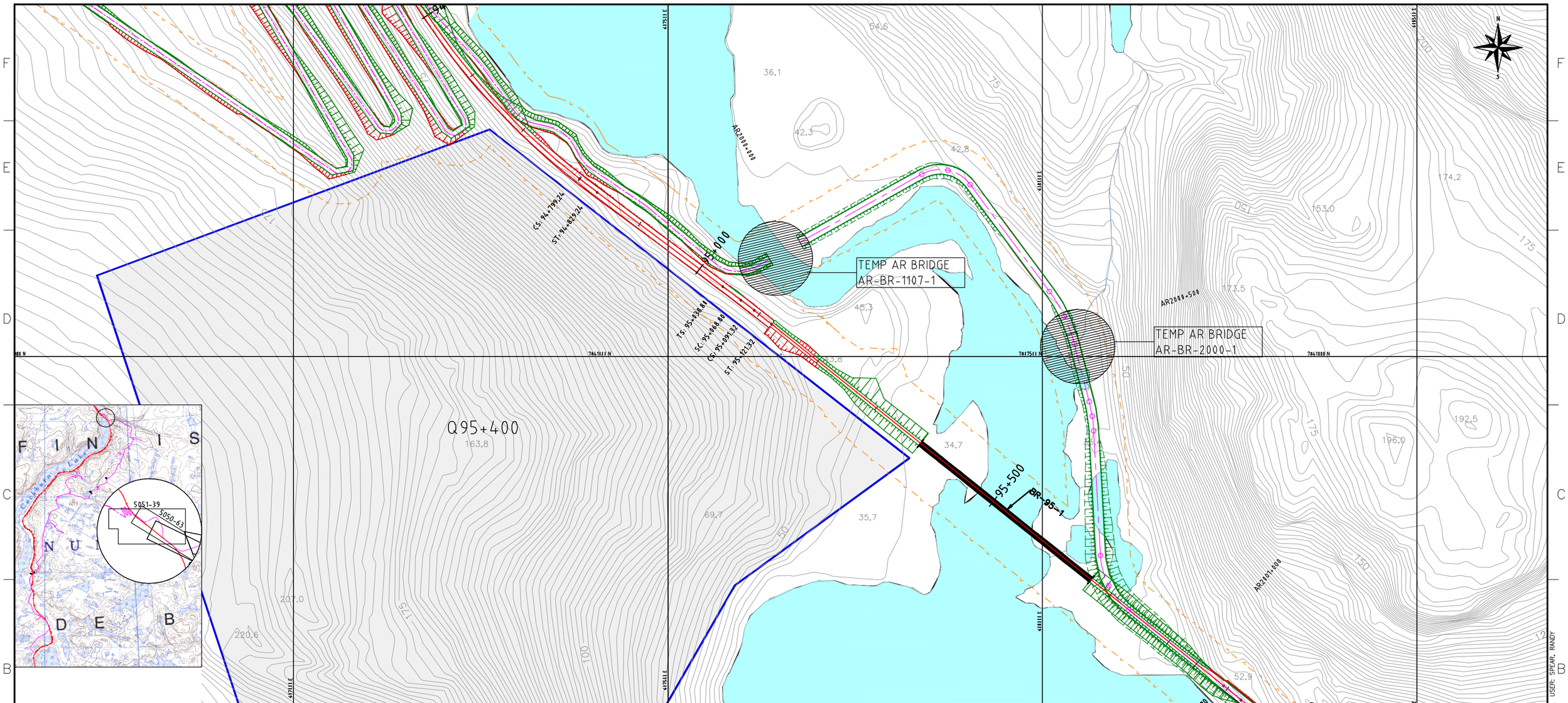
SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY Q92+000

DRAWING NO.: A3-159952-5200-121-5051-38

REV.: 1

CAD FILE:

USER: DARREN REYNOLDS
PLOTTED: 17-Dec-10 8:16 PM
SAVED: 17-Dec-10 5:23 PM



NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES

100m 0 100m — Horizontal

20m 0 20m — Vertical

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.			

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

STAMP/SEAL

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CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE: LAND PERMIT APPLICATION

AREA: 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NO.: 159952

ACTIVITY NO.:

SCALE: AS SHOWN

PACKAGE CODE:

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT NUMBER: 07 – 36

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN QUARRY Q95+400

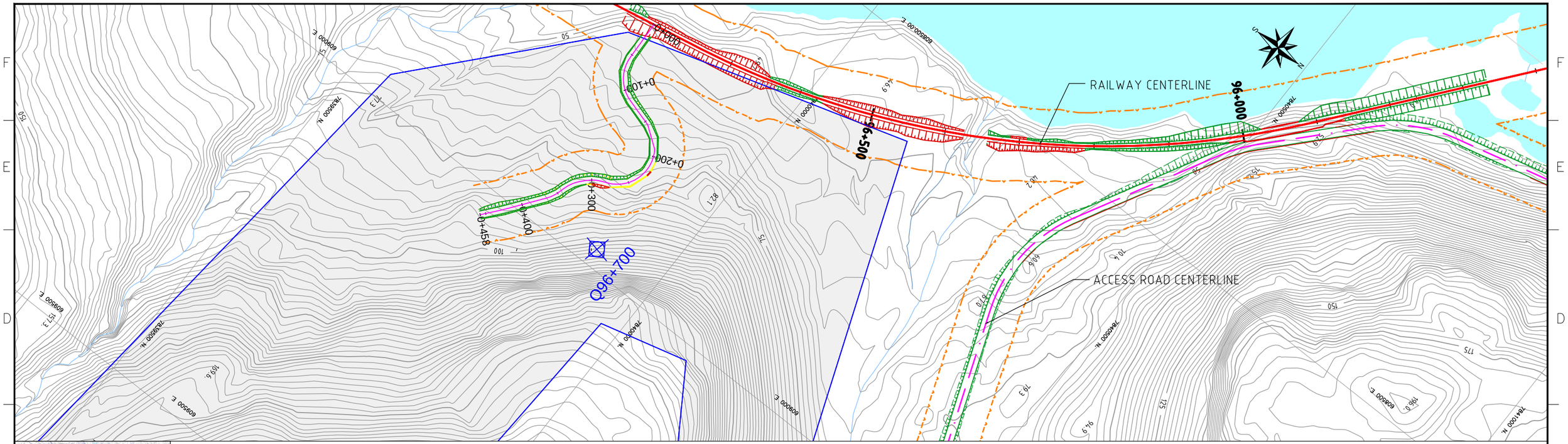
DRAWING NO.: A3-159952-5200-121-5051-039

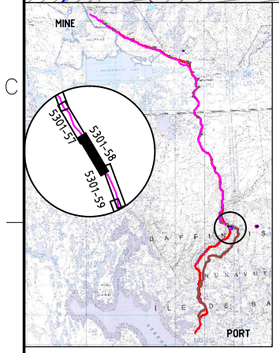
REV.: 1

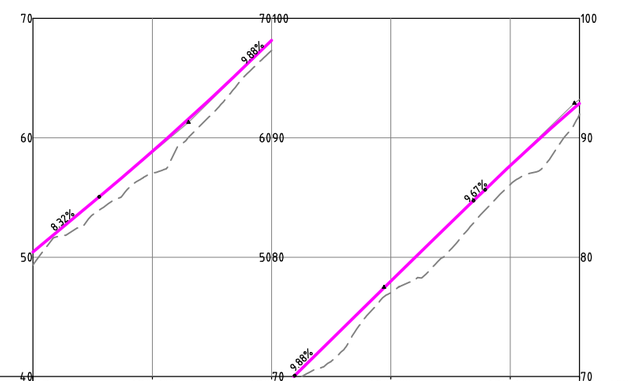
CAD FILE: G:\CAD\103654\02-Civil\02-Sheets\A3-159952-5200-121-5051.dwg

PLOTTED: 16-Dec-10 8:15 PM USER: SPEAR, RANDY

SAVED: 16-Dec-10 7:24 PM







STATIONS (Km)	AR0+000	AR0+100	AR0+200	AR0+300	AR0+400	AR0+458
GROUND ELEVATION (m)	49.33	57.03	67.32	77.03	86.09	
TOP OF SUBGRADE ELEV. (m)	50.44	58.86	68.17	78.00	87.67	

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001.
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Bound
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
Horizontal: 100m 0 100m
Vertical: 10m 0 10m

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	10/12/10	ISSUED FOR DEIS ONLY	J.C.B.	C.F.	D.G.			
0		PRELIMINARY DESIGN	S.C.					

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

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CLIENT PROJECT MGR. | DEPARTMENT MGR. | PROJECT MGR.

PROJECT PHASE: PERMITTING

AREA: 5200 RAILWAY MAIN ALIGNMENT

PROJECT NO.: 159952

ACTIVITY NO.:

SCALE: AS SHOWN

PACKAGE CODE:

	BY	DDMMMYY
DSN	M.L	
DRN	S.C.	
CHK	C.F.	10/12/10
APP		

Baffinland Iron Mines Corporation

CANARAIL

PROJECT NUMBER: 07-036

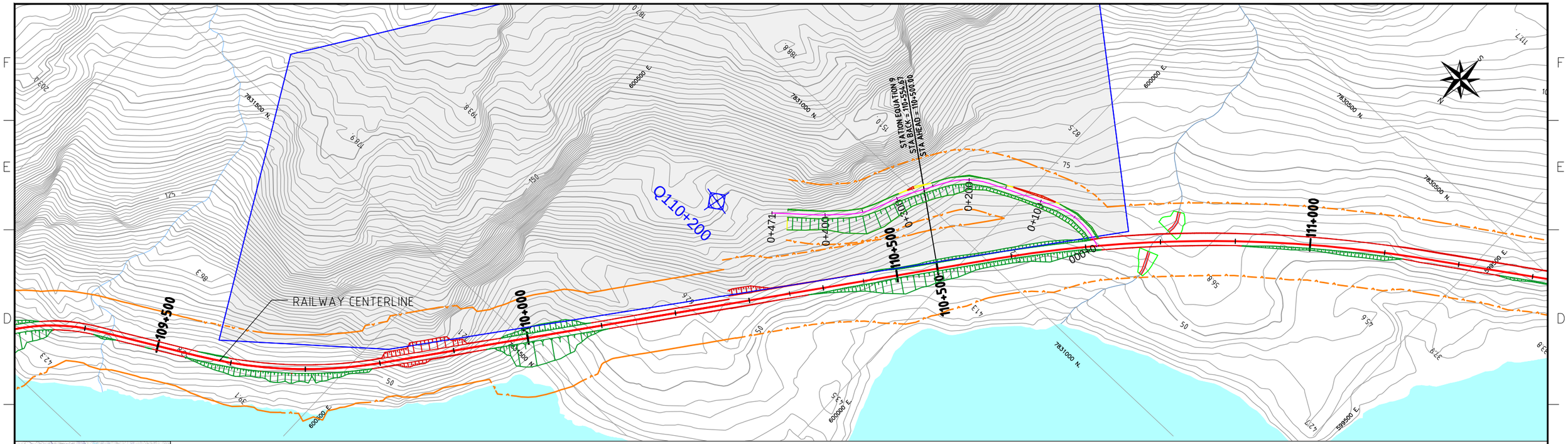
SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY Q96+700

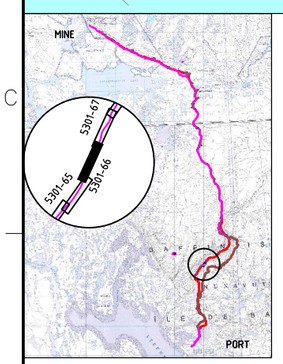
DRAWING NO.: A3-159952-5200-121-5051-40

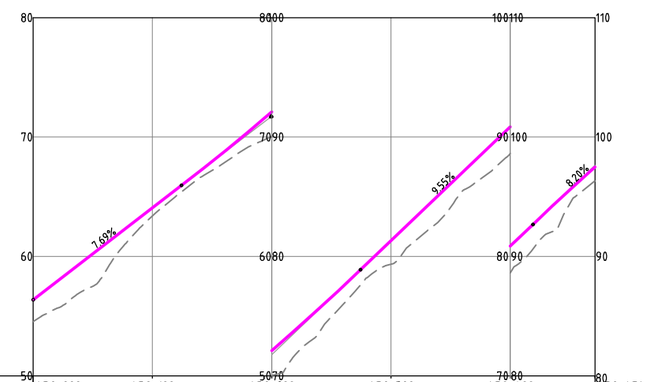
REV.: 1

CAD FILE:

USER: CAROLYN FITZPATRICK
PLOTTED: 20-Dec-10 2:26 PM
SAVED: 20-Dec-10 1:39 PM







STATIONS (Km)	AR0+000	AR0+100	AR0+200	AR0+300	AR0+400	AR0+471
GROUND ELEVATION (m)	54.55	63.39	70.02	79.35	88.63	
TOP OF SUBGRADE ELEV. (m)	56.37	64.06	72.11	81.31	90.86	

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001.
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Bound
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
Horizontal: 100m 0 100m
Vertical: 10m 0 10m

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	10/12/10	ISSUED FOR DEIS ONLY	J.C.B.	C.F.	D.G.			
0		PRELIMINARY DESIGN	S.C.					

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

STAMP/SEAL

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CLIENT PROJECT MGR. | DEPARTMENT MGR. | PROJECT MGR.

Baffinland Iron Mines Corporation

CANARAIL

PROJECT PHASE: PERMITTING
AREA: 5200 RAILWAY MAIN ALIGNMENT
PROJECT NUMBER: 07-036

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
159952		DSN	M.L	
		DRN	S.C.	
SCALE: AS SHOWN	PACKAGE CODE	CHK	C.F.	10/12/10
		APP		

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY Q110+200

DRAWING NO.: A3-159952-5200-121-5051-41
REV.: 1

CAD FILE:

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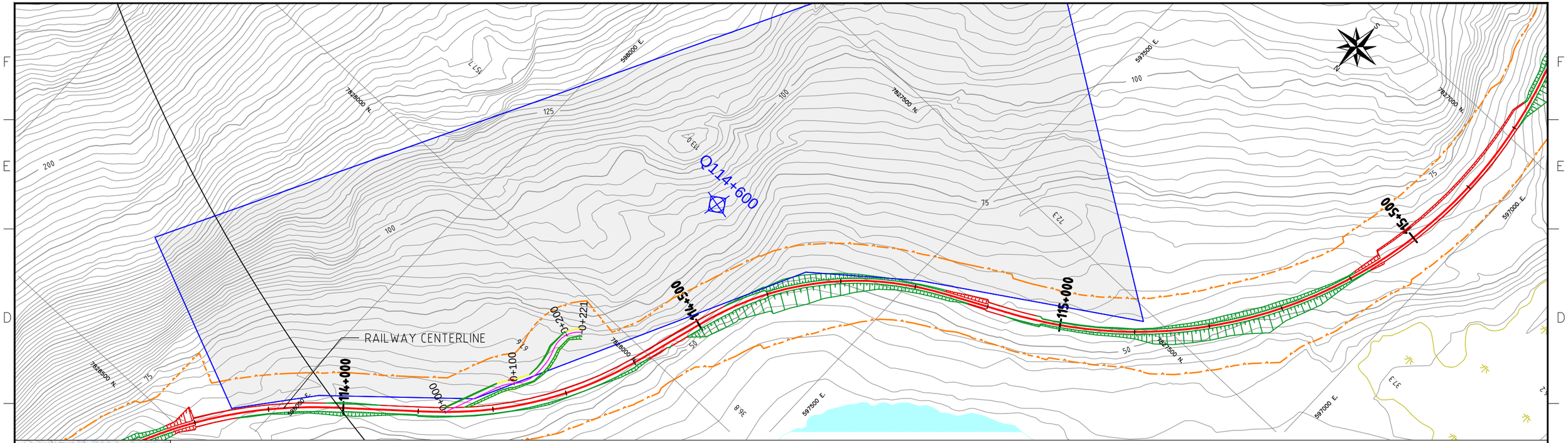
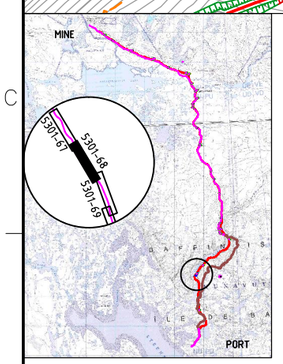
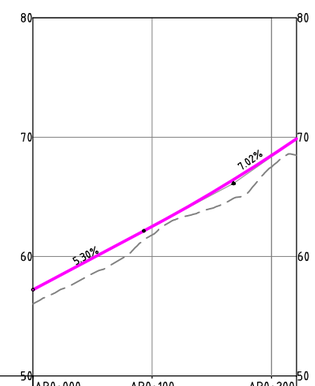
SAVED: 20-Dec-10 1:44 PM







STATIONS (Km)	AR0+000	AR0+100	AR0+200
GROUND ELEVATION (m)	56.03	61.81	67.50
TOP OF SUBGRADE ELEV. (m)	57.20	62.51	68.46

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001.
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Bound
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
Horizontal: 100m 0 100m
Vertical: 10m 0 10m

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	10/12/10	ISSUED FOR DEIS ONLY	J.C.B.	C.F.	D.G.			
0		PRELIMINARY DESIGN	S.C.					

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

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CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE: PERMITTING

AREA: 5200 RAILWAY MAIN ALIGNMENT

PROJECT NO.: 159952

ACTIVITY NO.:

SCALE: AS SHOWN

PACKAGE CODE:

	BY	DDMMMYY
DSN	M.L	
DRN	S.C.	
CHK	C.F.	10/12/10
APP		

Baffinland Iron Mines Corporation

CANARAIL

PROJECT NUMBER: 07-036

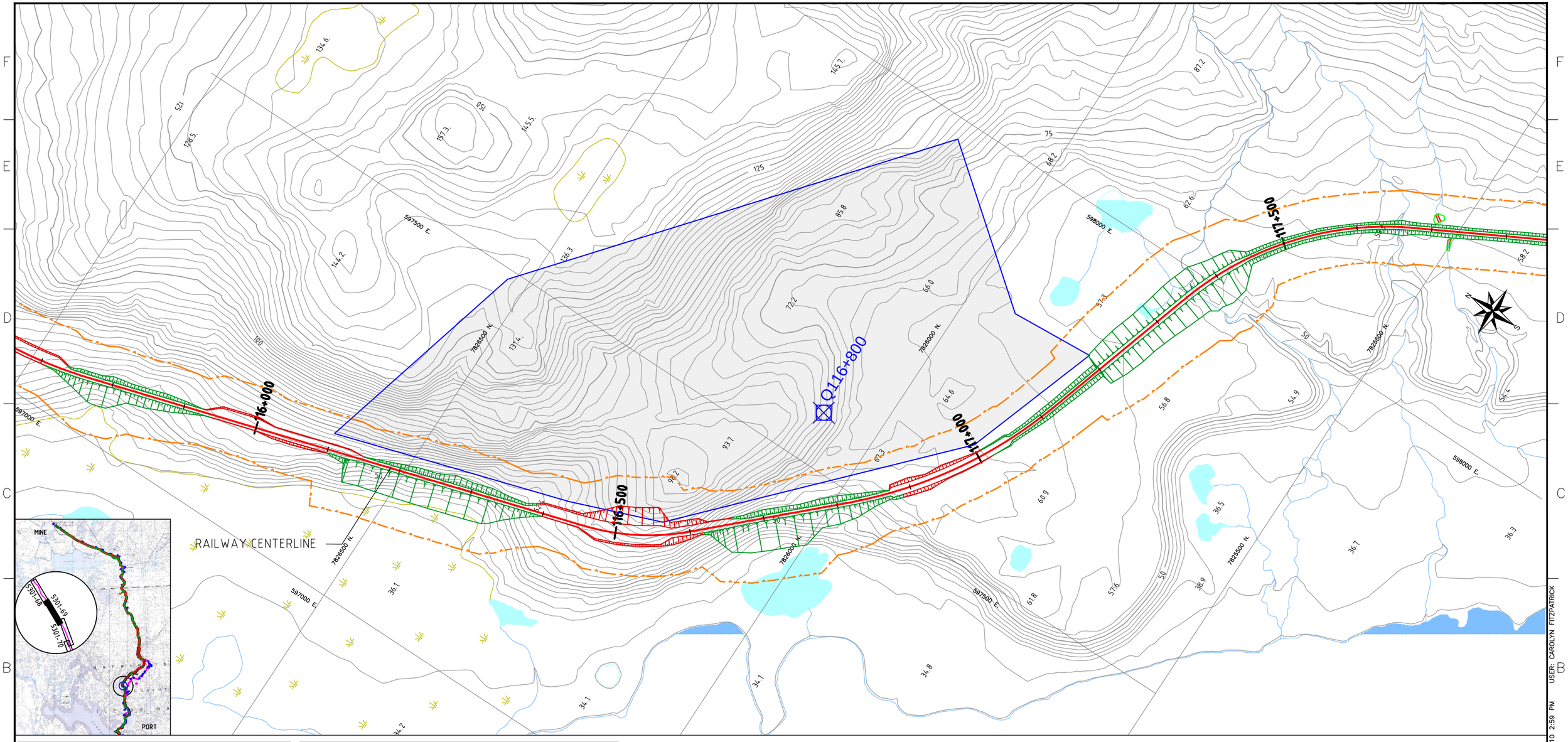
SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY Q114+600

DRAWING NO.: A3-159952-5200-121-5051-42

REV.: 1

CAD FILE:

USER: CAROLYN FITZPATRICK
PLOTTED: 20-Dec-10 2:47 PM
SAVED: 20-Dec-10 1:48 PM



NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001.
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Bound
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
100m 0 100m
Horizontal

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP	APP
1	10/12/10	ISSUED FOR DEIS ONLY	J.C.B.	C.F.	D.G.				
0		PRELIMINARY DESIGN	S.C.						

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

STAMP/SEAL

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CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

Baffinland Iron Mines Corporation

CANARAIL

PROJECT PHASE: PERMITTING

AREA: 5200 RAILWAY MAIN ALIGNMENT

PROJECT NUMBER: 07-036

PROJECT NO.: 159952

ACTIVITY NO.:

SCALE: AS SHOWN

PACKAGE CODE:

	BY	DDMMMYY
DSN	M.L	
DRN	S.C.	
CHK	C.F.	10/12/10
APP		

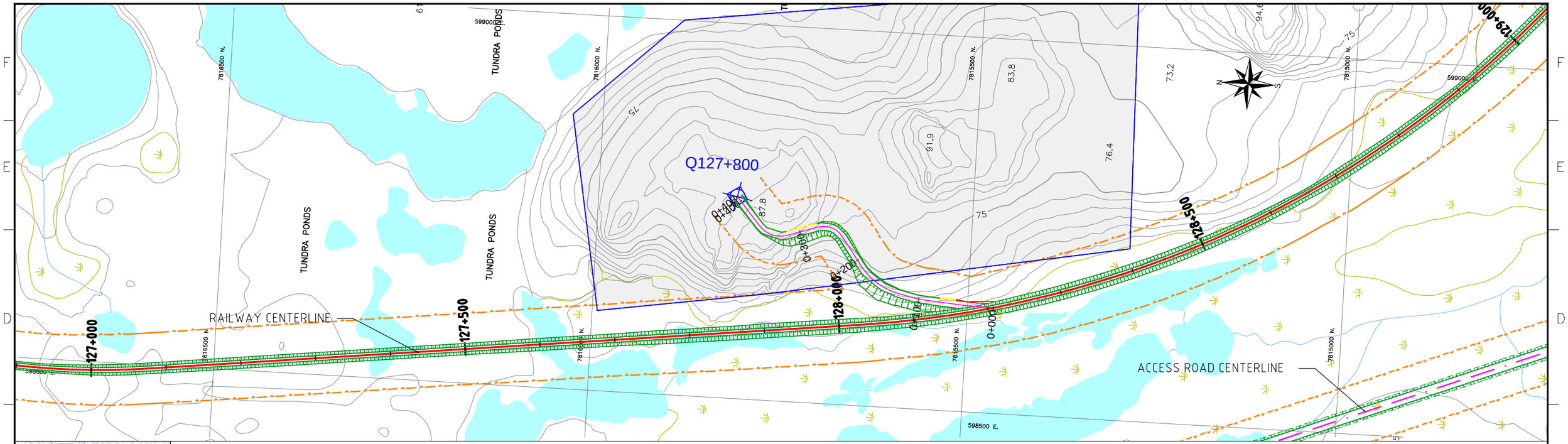
SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN QUARRY Q116+800

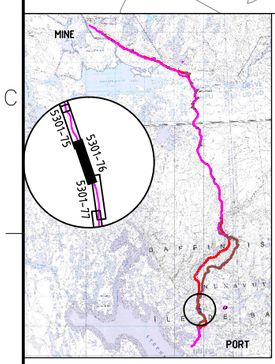
DRAWING NO.: A3-159952-5200-121-5051-43

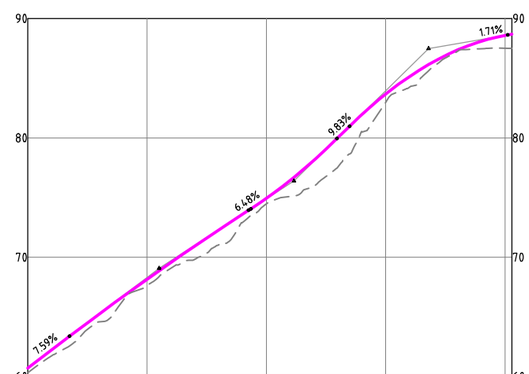
REV.: 1

CAD FILE:

USER: CAROLYN FITZPATRICK
PLOTTED: 20-Dec-10 2:59 PM
SAVED: 20-Dec-10 2:52 PM







STATIONS (Km)	AR0+000	AR0+100	AR0+200	AR0+300	AR0+400	AR0+405.70
GROUND ELEVATION (m)	60.34	67.63	74.48	82.99	87.51	87.50
TOP OF SUBGRADE ELEV. (m)	60.72	68.15	74.94	83.68	88.59	88.69

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001.
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Bound
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
100m 0 100m — Horizontal
10m 0 10m — Vertical

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	10/12/10	ISSUED FOR DEIS ONLY	J.C.B.	C.F.	D.G.			
0		PRELIMINARY DESIGN	S.C.					

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

STAMP/SEAL

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CLIENT PROJECT MGR. | DEPARTMENT MGR. | PROJECT MGR.

PROJECT PHASE: PERMITTING

AREA: 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NO.: 159952

ACTIVITY NO.:

SCALE: AS SHOWN

PACKAGE CODE:

	BY	DDMMMYY
DSN	M.L	
DRN	S.C.	
CHK	C.F.	10/12/10
APP		

Baffinland Iron Mines Corporation

CANARAIL

PROJECT NUMBER: 07-036

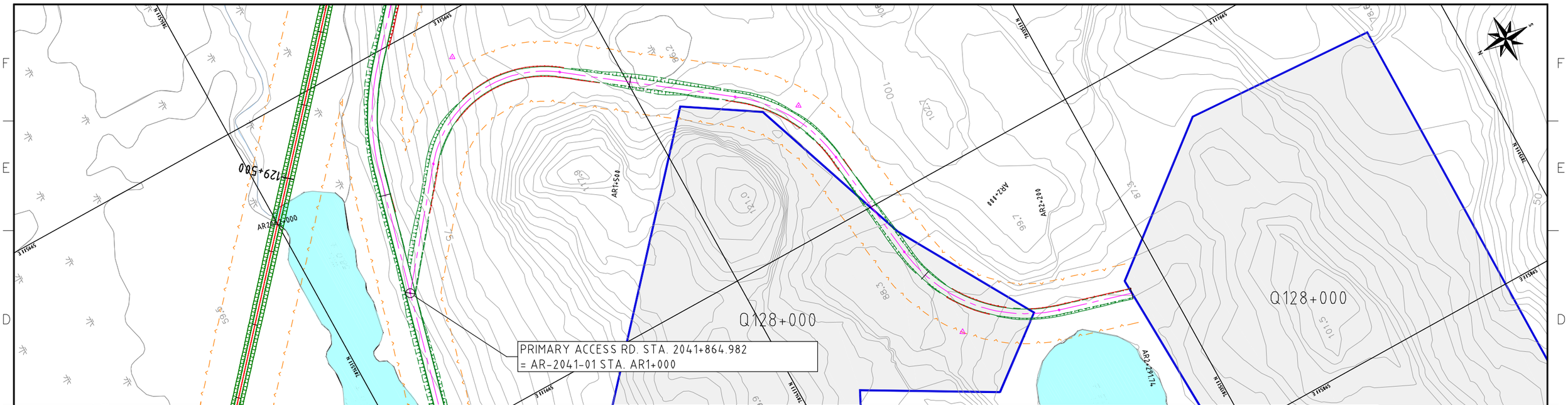
SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY Q127+800

DRAWING NO.: A3-159952-5200-121-5051-44

REV.: 1

CAD FILE:

USER: CAROLYN FITZPATRICK
PLOTTED: 20-Dec-10 3:20 PM
SAVED: 20-Dec-10 2:00 PM


Q128+000
Q128+000
PRIMARY ACCESS RD. STA. 2041+864.982
= AR-2041-01 STA. AR1+000
AR1+560
AR2+000
AR2+100
AR2+200
AR2+291.74
AR129+580
AR2041+000
N 1175782
E 3115645
N 1175782
E 3115645
N 1175782
E 3115645

RAILWAY CENTERLINE

ACCESS ROAD CENTERLINE

130+000

130+500

131+000

131+500

132+000

Q131+100

600000 E.

600500 E.

7814000 N.

7813500 N.

7813000 N.

7812500 N.

MINE

PORT

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001.
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Bound
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
100m 0 100m
Horizontal

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	10/12/10	ISSUED FOR DEIS ONLY	J.C.B.	C.F.	D.G.			
0		PRELIMINARY DESIGN	S.C.					

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

REFERENCES

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CLIENT PROJECT MGR. | DEPARTMENT MGR. | PROJECT MGR.

PROJECT PHASE: PERMITTING

AREA: 5200 RAILWAY MAIN ALIGNMENT

Baffinland Iron Mines Corporation

CANARAIL

PROJECT NUMBER: 07-036

PROJECT NO.: 159952

ACTIVITY NO.:

SCALE: AS SHOWN

PACKAGE CODE:

	BY	DDMMMYY
DSN	M.L	
DRN	S.C.	
CHK	C.F.	10/12/10
APP		

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN QUARRY Q131+100

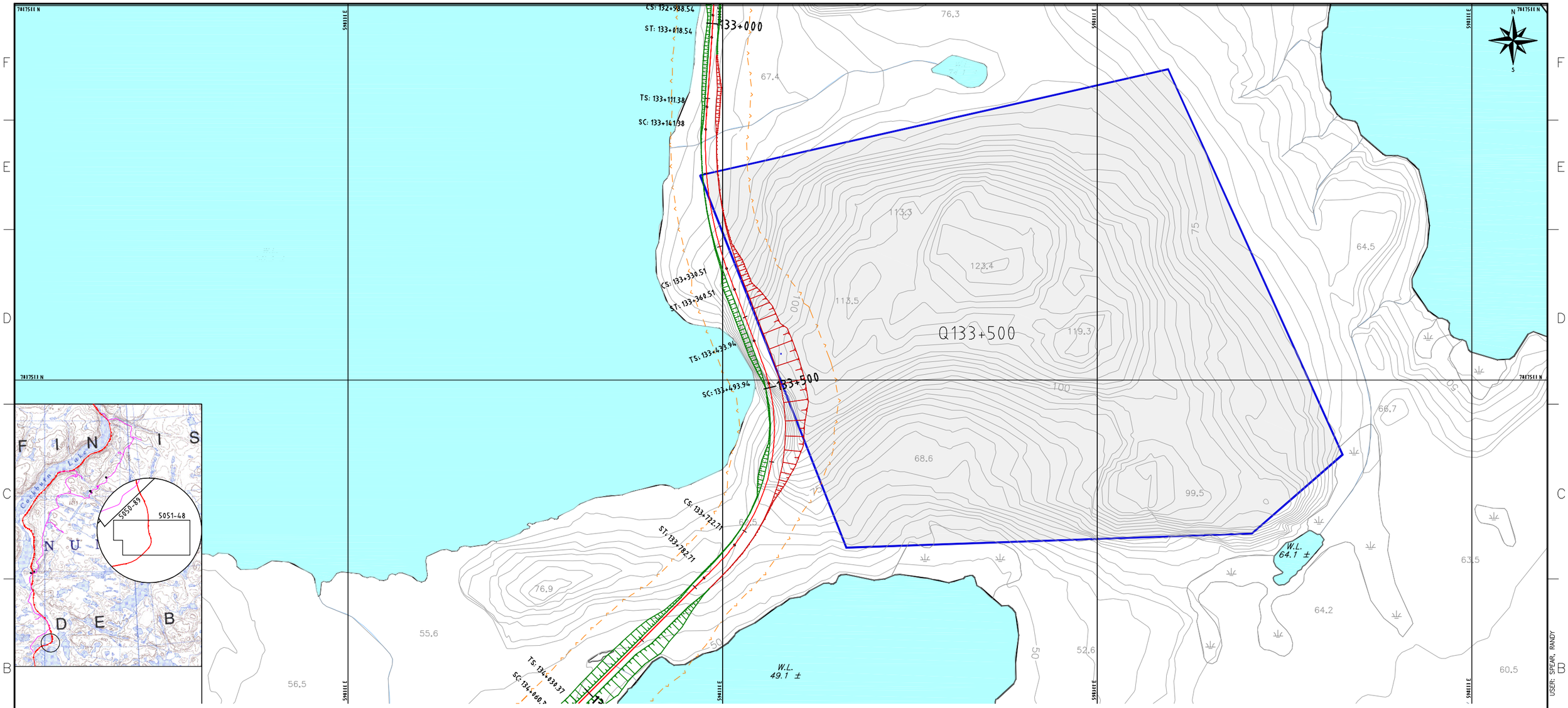
DRAWING NO.: A3-159952-5200-121-5051-47

REV.: 1

CAD FILE:

PLOTTED: 20-Dec-10 3:08 PM USER: CAROLYN FITZPATRICK

SAVED: 20-Dec-10 3:04 PM



NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
Horizontal: 100m 0 100m
Vertical: 20m 0 20m

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.			

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

REFERENCES

STAMP/SEAL

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CLIENT PROJECT MGR. | DEPARTMENT MGR. | PROJECT MGR.

Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT PHASE: LAND PERMIT APPLICATION

AREA: 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NUMBER: 07 – 36

PROJECT NO.: 159952

ACTIVITY NO.:

SCALE: AS SHOWN

PACKAGE CODE:

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN QUARRY Q133+500

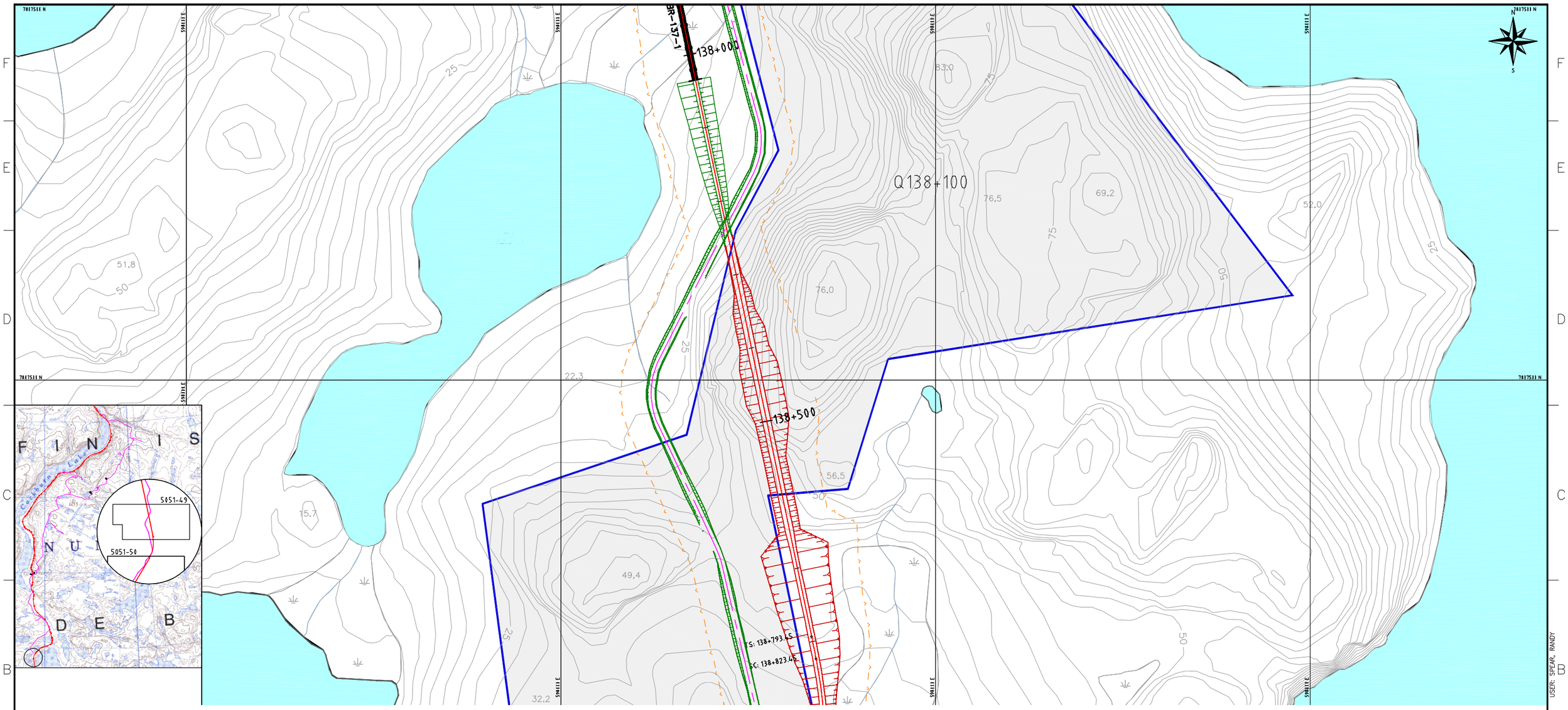
DRAWING NO.: A3-159952-5200-121-5051-048

REV.: 1

CAD FILE: G:\CAD\103654\02-Civil\02-Sheets\A3-159952-5200-121-5051.dwg

PLOTTED: 16-Dec-10 8:17 PM USER: SPEAR, RANDY

SAVED: 16-Dec-10 7:24 PM



NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES

100m 0 100m — Horizontal

20m 0 20m — Vertical

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.			

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

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PROJECT PHASE: LAND PERMIT APPLICATION

AREA: 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NO.: 159952

ACTIVITY NO.:

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

SCALE: AS SHOWN

PACKAGE CODE:

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN QUARRY Q138+100

Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT NUMBER: 07 – 36

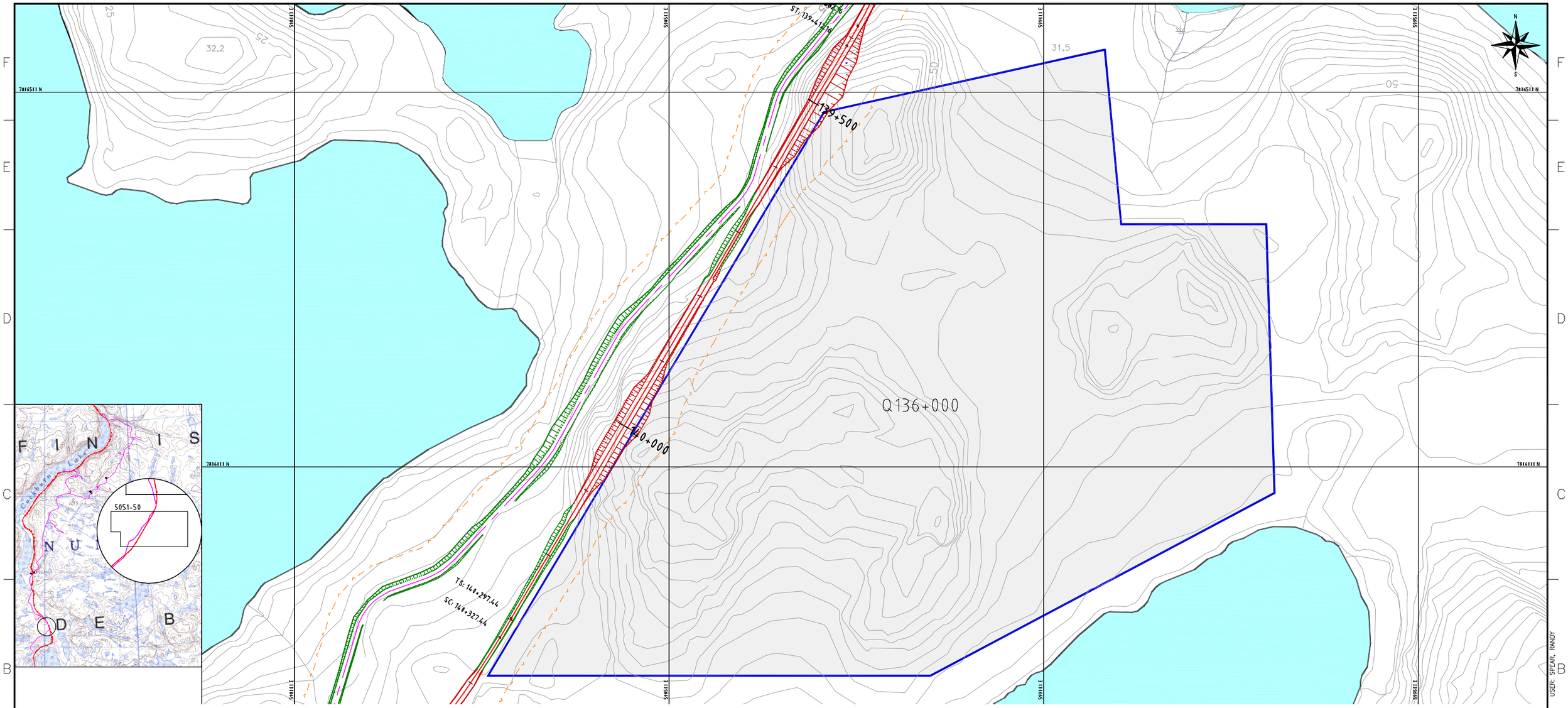
DRAWING NO.: A3-159952-5200-121-5051-049

REV.: 1

CAD FILE: G:\CAD\103654\02-Civil\02-Sheets\A3-159952-5200-121-5051.dwg

PLOTTED: 16-Dec-10 8:18 PM USER: SPEAR, RANDY

SAVED: 16-Dec-10 7:24 PM



NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES

Horizontal: 100m 0 100m

Vertical: 20m 0 20m

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REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.			

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

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Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT PHASE: LAND PERMIT APPLICATION

AREA: 5200

RAILWAY MAIN ALIGNMENT

PROJECT NUMBER: 07 – 36

PROJECT NO.: 159952

ACTIVITY NO.

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

SCALE: AS SHOWN

PACKAGE CODE

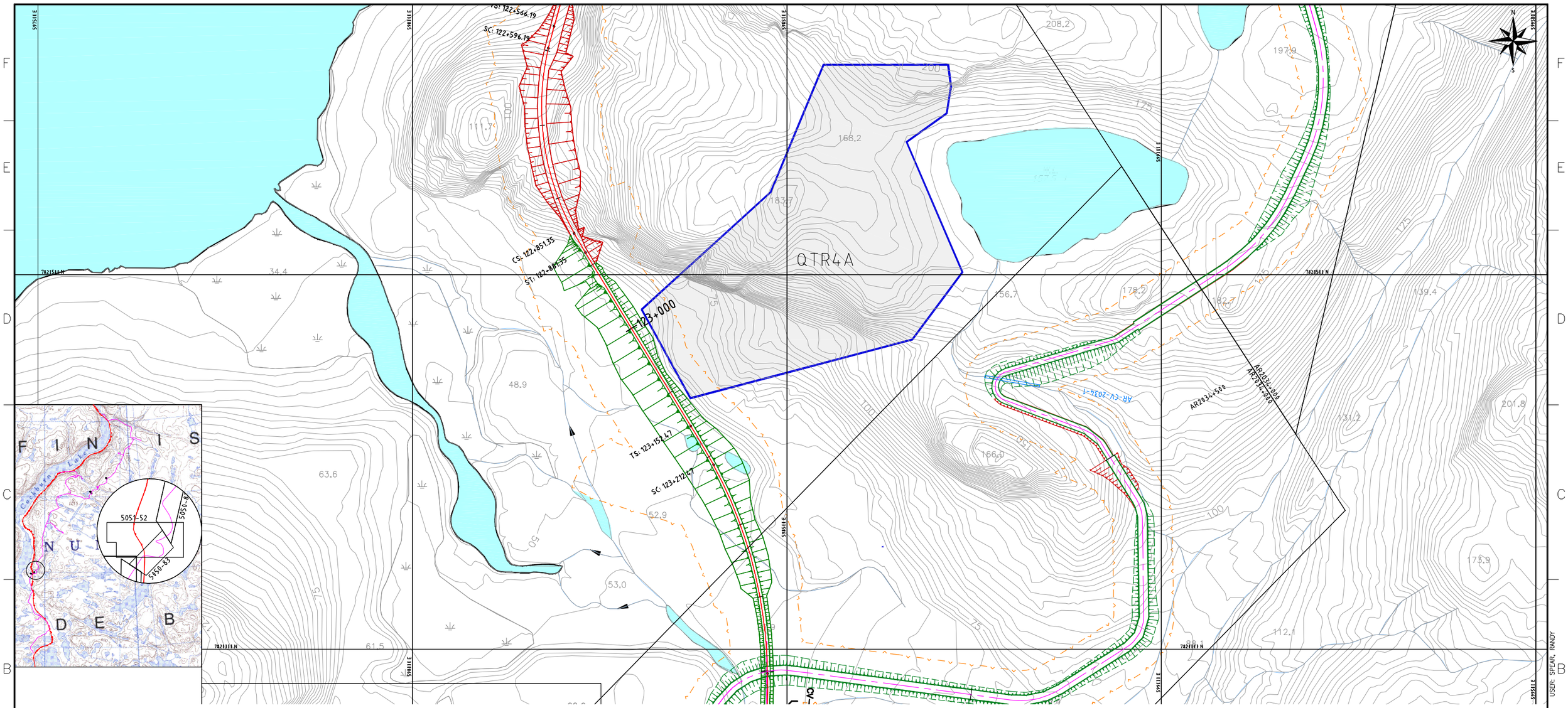
SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN QUARRY Q139+600

DRAWING NO.: A3-159952-5200-121-5051-050

REV.: 1

CAD FILE: G:\CAD\103654\02-Civil\02-Sheets\A3-159952-5200-121-5051.dwg

SAVED: 16-Dec-10 7:24 PM PLOTTED: 16-Dec-10 8:19 PM USER: SPEAR, RANDY



NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES

100m 0 100m — Horizontal

20m 0 20m — Vertical

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REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.			

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

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Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT PHASE: LAND PERMIT APPLICATION

AREA: 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NUMBER: 07 – 36

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
159952		DSN	KRW	
		DRN	RSS	
		CHK	BGH	
		APP		

SCALE: AS SHOWN

PACKAGE CODE:

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN QUARRY QTR4A

DRAWING NO.: A3-159952-5200-121-5051-052

REV.: 1

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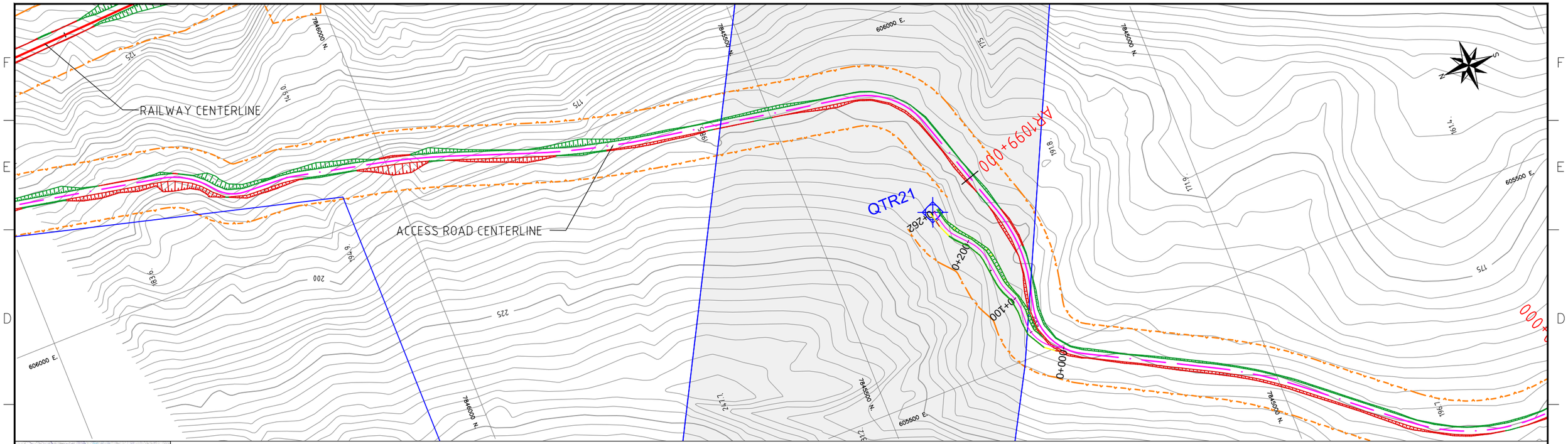
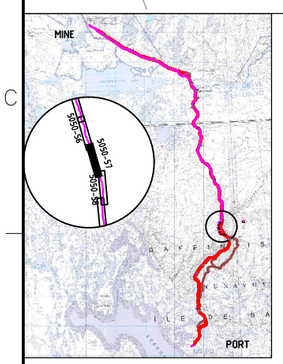
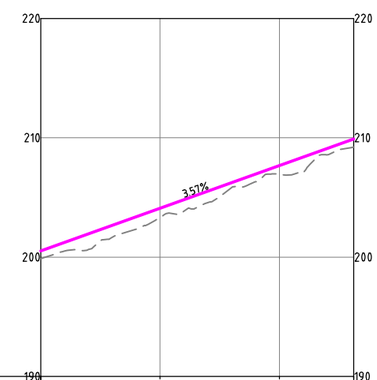
PLOTTED: 16-Dec-10 8:20 PM USER: SPEAR, RANDY

SAVED: 16-Dec-10 7:24 PM







STATIONS (Km)	AR0+000	AR0+100	AR0+200	AR0+262.23
GROUND ELEVATION (m)	199.87	203.33	206.93	209.21
TOP OF SUBGRADE ELEV. (m)	200.52	204.10	207.67	209.89

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001.
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Bound
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
Horizontal: 100m 0 100m
Vertical: 10m 0 10m

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	10/12/10	ISSUED FOR DEIS ONLY	J.C.B.	C.F.	D.G.			
0		PRELIMINARY DESIGN	S.C.					

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

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CLIENT PROJECT MGR. | DEPARTMENT MGR. | PROJECT MGR.

PROJECT PHASE: PERMITTING

AREA: 5200 RAILWAY MAIN ALIGNMENT

PROJECT NO.: 159952

ACTIVITY NO.:

SCALE: AS SHOWN

PACKAGE CODE:

	BY	DDMMMYY
DSN	M.L	
DRN	S.C.	
CHK	C.F.	10/12/10
APP		

Baffinland Iron Mines Corporation

CANARAIL

PROJECT NUMBER: 07-036

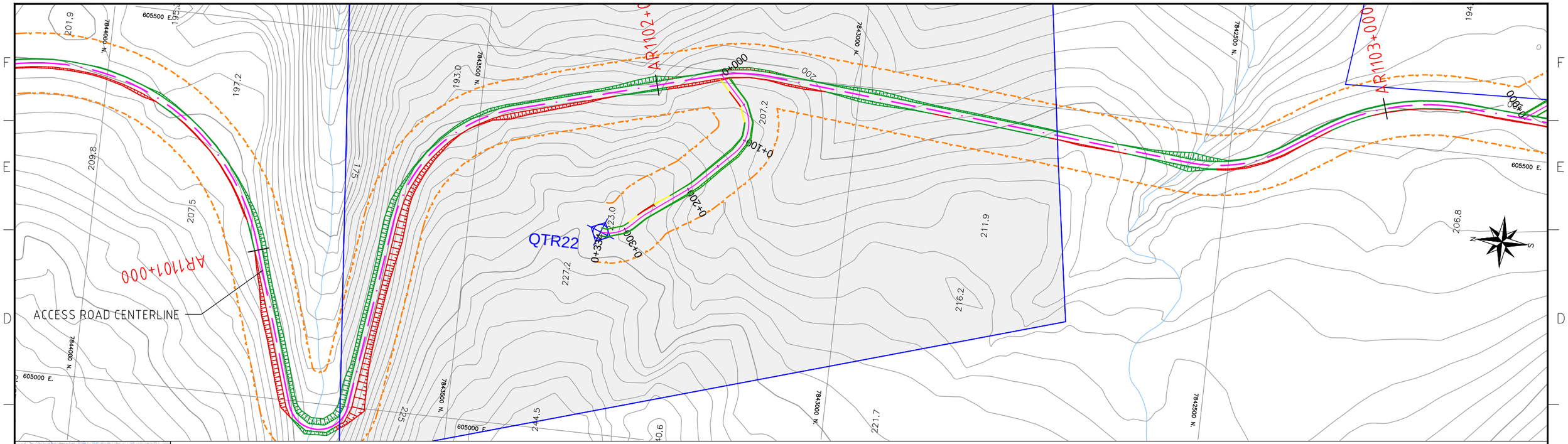
SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY QTR21

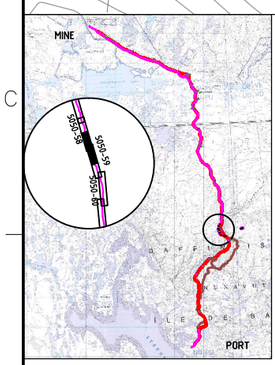
DRAWING NO.: A3-159952-5200-121-5051-53

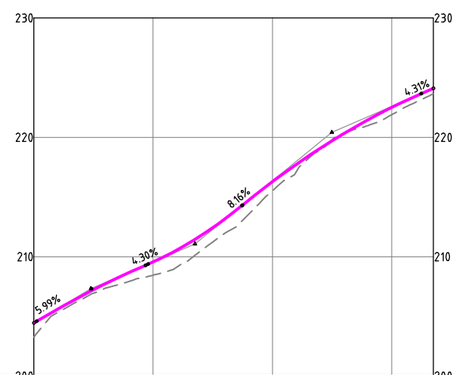
REV.: 1

CAD FILE:

USER: LI ZENG
PLOTTED: 17-Dec-10 7:19 PM
SAVED: 17-Dec-10 6:37 PM







STATIONS (Km)	AR0+000	AR0+100	AR0+200	AR0+300	AR0+334.97
GROUND ELEVATION (m)	203.27	208.45	215.52	221.89	223.66
TOP OF SUBGRADE ELEV. (m)	204.44	209.56	216.28	222.51	224.10

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001.
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Bound
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
Horizontal: 100m 0 100m
Vertical: 10m 0 10m

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	10/12/10	ISSUED FOR DEIS ONLY	J.C.B.	C.F.	D.G.			
0		PRELIMINARY DESIGN	S.C.					

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

STAMP/SEAL

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CLIENT PROJECT MGR. | DEPARTMENT MGR. | PROJECT MGR.

PROJECT PHASE: PERMITTING

AREA: 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NO.: 159952

ACTIVITY NO.:

SCALE: AS SHOWN

PACKAGE CODE:

	BY	DDMMMYY
DSN	M.L	
DRN	S.C.	
CHK	C.F.	10/12/10
APP		

Baffinland Iron Mines Corporation

CANARAIL

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY QTR22

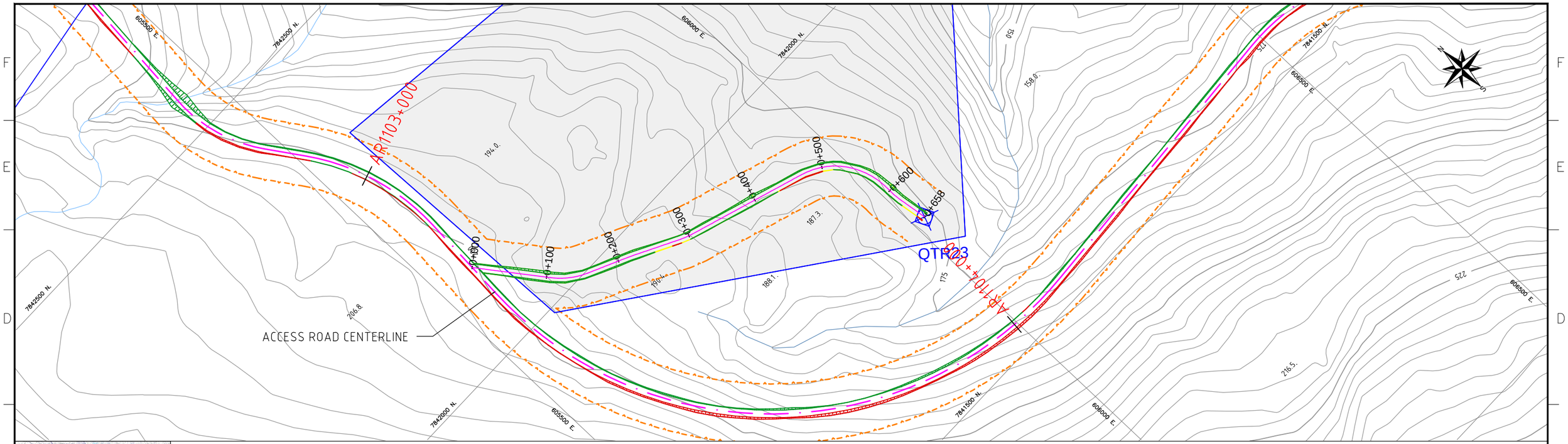
PROJECT NUMBER: 07-036

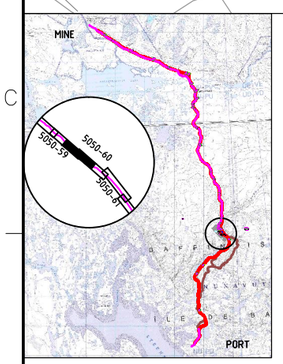
DRAWING NO.: A3-159952-5200-121-5051-54

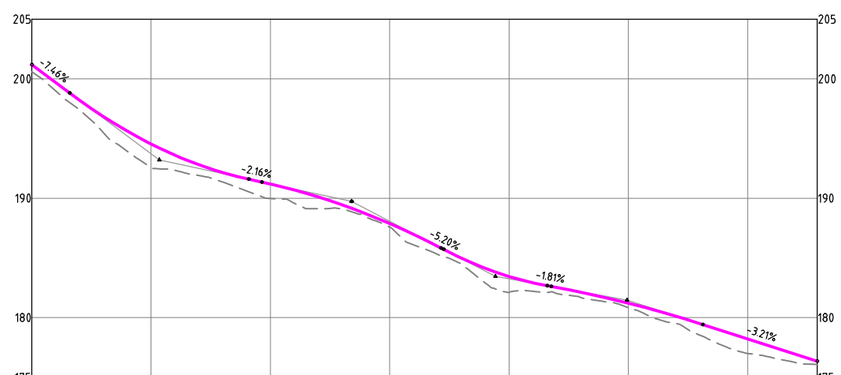
REV.: 1

CAD FILE:

SAVED: 17-Dec-10 6:41 PM PLOTTED: 17-Dec-10 7:11 PM USER: LI ZENG







STATIONS (Km)	AR0+000	AR0+100	AR0+200	AR0+300	AR0+400	AR0+500	AR0+600	AR0+658.24
GROUND ELEVATION (m)	200.59	192.57	189.98	187.58	182.13	180.83	176.99	176.05
TOP OF SUBGRADE ELEV. (m)	201.19	194.55	191.20	187.88	183.45	181.21	178.22	176.35

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001.
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Bound
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
Horizontal: 100m 0 100m
Vertical: 10m 0 10m

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	10/12/10	ISSUED FOR DEIS ONLY	J.C.B.	C.F.	D.G.			
0		PRELIMINARY DESIGN	S.C.					

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

STAMP/SEAL

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CLIENT PROJECT MGR. | DEPARTMENT MGR. | PROJECT MGR.

Baffinland Iron Mines Corporation

CANARAIL

PROJECT PHASE: PERMITTING

AREA: 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NUMBER: 07-036

PROJECT NO.: 159952

ACTIVITY NO.:

	BY	DDMMMYY
DSN	M.L	
DRN	S.C.	
CHK	C.F.	10/12/10
APP		

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY QTR23

DRAWING NO.: A3-159952-5200-121-5051-55

REV.: 1

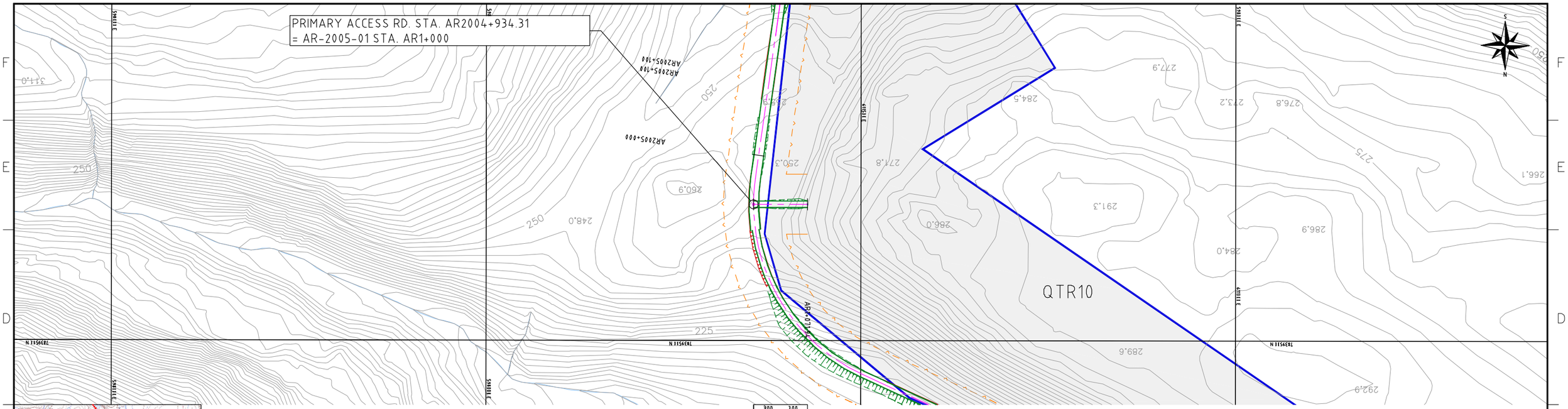
SCALE: AS SHOWN

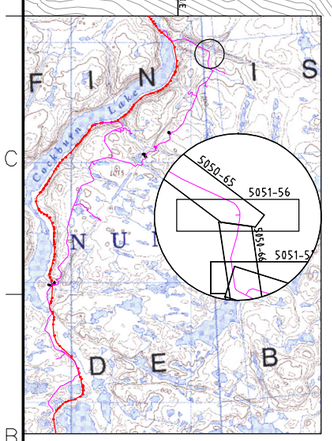
PACKAGE CODE:

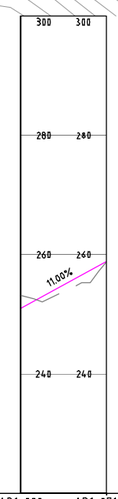
CAD FILE:

PLOTTED: 17-Dec-10 7:01 PM USER: LI ZENG

SAVED: 17-Dec-10 6:47 PM







STATIONS (km)	AR1+000	AR1+071.940
GROUND ELEVATION (m)	253.20	258.76
FINISHED ELEVATION	250.97	258.89

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
100m 0 100m — Horizontal
20m 0 20m — Vertical

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.				
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.				

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

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Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT PHASE: LAND PERMIT APPLICATION

AREA: 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NUMBER: 07 – 36

PROJECT NO.: 159952

ACTIVITY NO.:

SCALE: AS SHOWN

PACKAGE CODE:

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

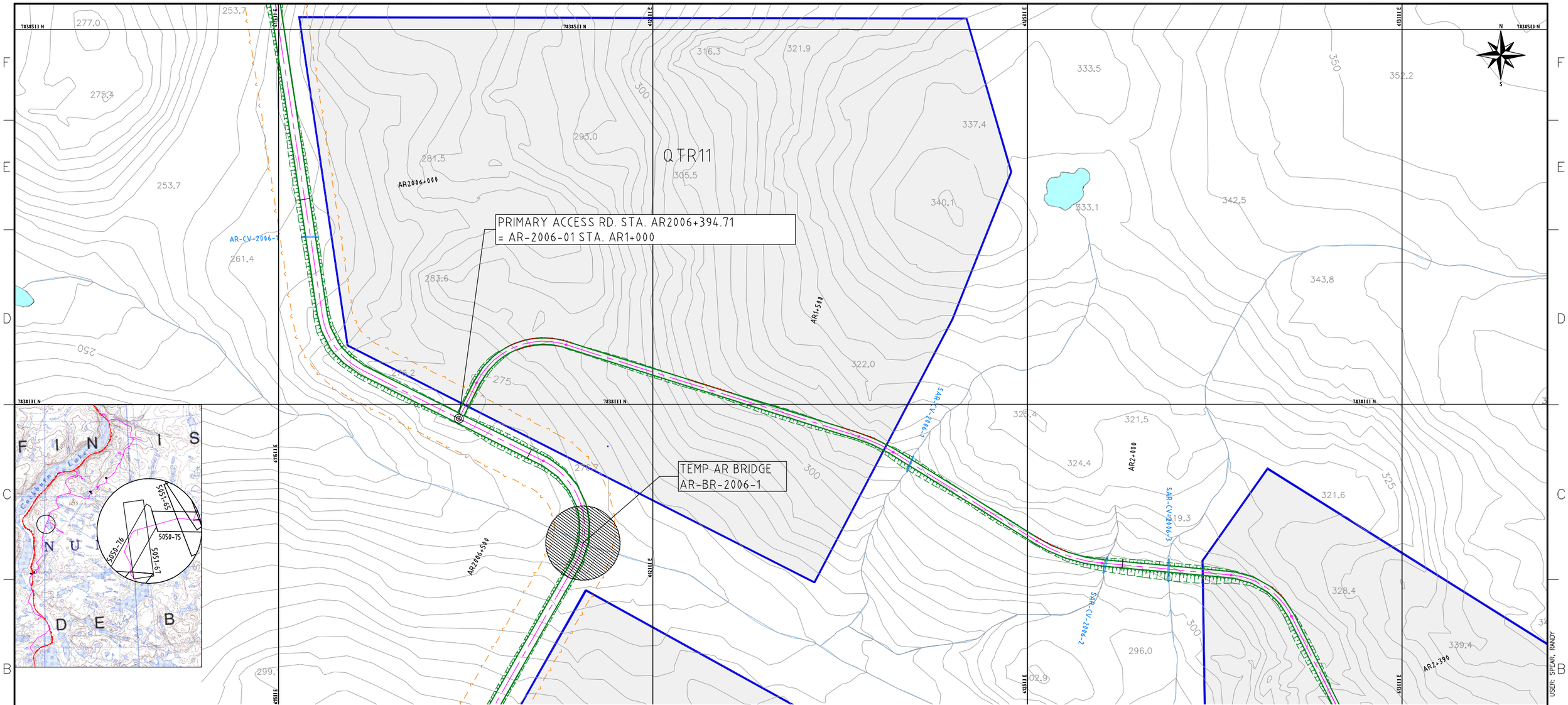
SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY QTR10

DRAWING NO.: A3-159952-5200-121-5051-056

REV.: 1

CAD FILE: G:\CAD\103654\02-Civil\02-Sheets\A3-159952-5200-121-5051.dwg

SAVED: 16-Dec-10 7:24 PM PLOTTED: 16-Dec-10 8:21 PM USER: SPEAR, RANDY



NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES

100m 0 100m — Horizontal

20m 0 20m — Vertical

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.			

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

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Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT PHASE: LAND PERMIT APPLICATION

AREA: 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NUMBER: 07 – 36

PROJECT NO.: 159952

ACTIVITY NO.:

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

SCALE: AS SHOWN

PACKAGE CODE:

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN QUARRY QTR11

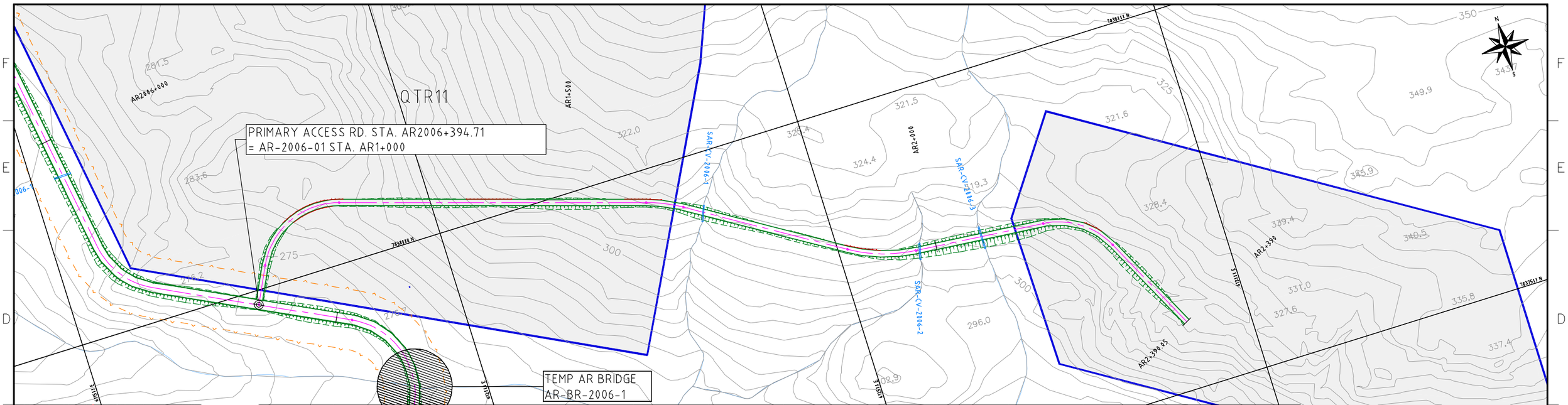
DRAWING NO.: A3-159952-5200-121-5051-057

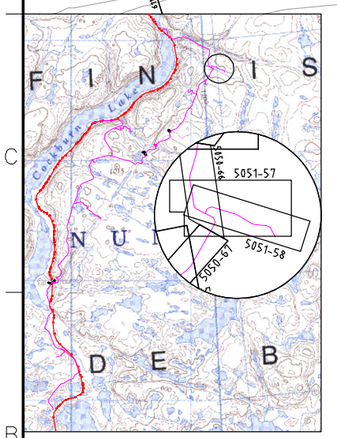
REV.: 1

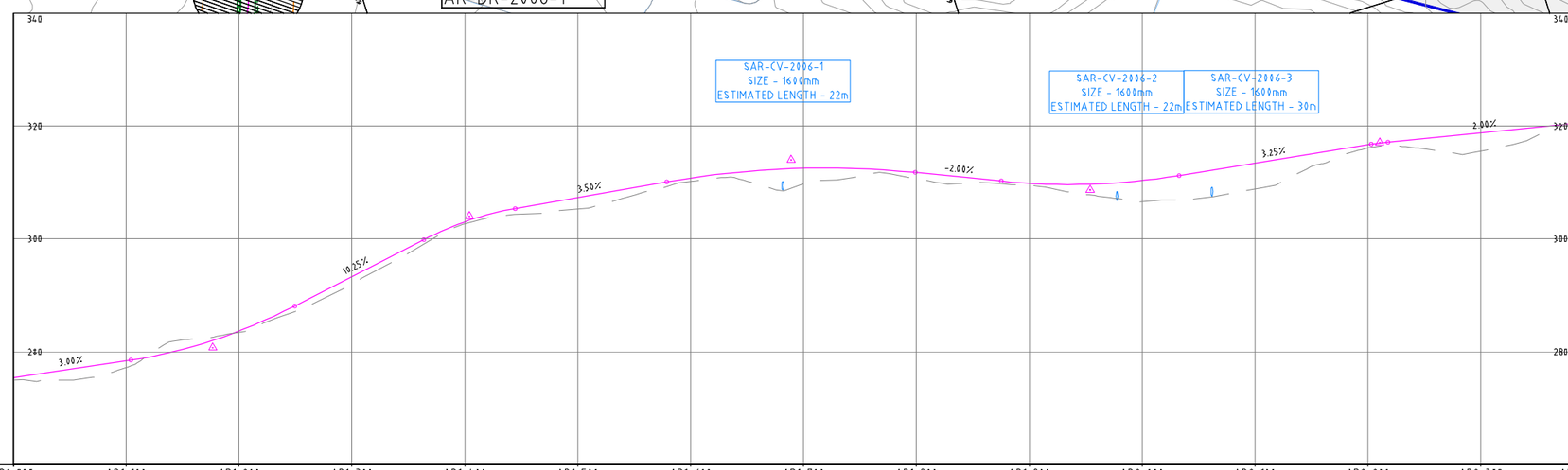
CAD FILE: G:\CAD\103654\02-Civil\02-Sheets\A3-159952-5200-121-5051.dwg

PLOTTED: 16-Dec-10 8:22 PM USER: SPEAR, RANDY

SAVED: 16-Dec-10 7:24 PM







STATIONS (km)	AR1+000	AR1+100	AR1+200	AR1+300	AR1+400	AR1+500	AR1+600	AR1+700	AR1+800	AR1+900	AR2+000	AR2+100	AR2+200	AR2+300	AR2+390.047
GROUND ELEVATION (m)	274.95	277.21	283.43	291.96	302.67	305.27	310.16	309.76	310.66	309.44	306.61	308.83	316.12	315.57	319.93
FINISHED ELEVATION	275.39	278.39	283.68	293.32	303.02	307.35	310.79	312.52	311.75	309.85	310.35	313.42	316.68	318.81	320.61

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
Horizontal: 100m 0 100m
Vertical: 20m 0 20m

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REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.			

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

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CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE: LAND PERMIT APPLICATION

AREA: 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NO.: 159952

ACTIVITY NO.:

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

SCALE: AS SHOWN

PACKAGE CODE:

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY QTR5A

Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT NUMBER: 07 – 36

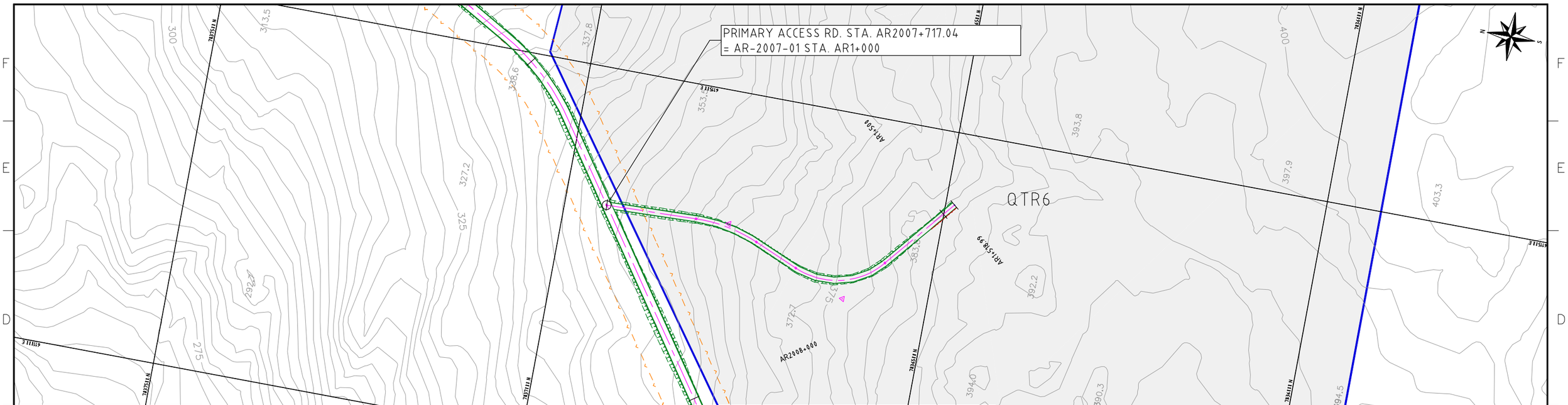
DRAWING NO.: A3-159952-5200-121-5051-058

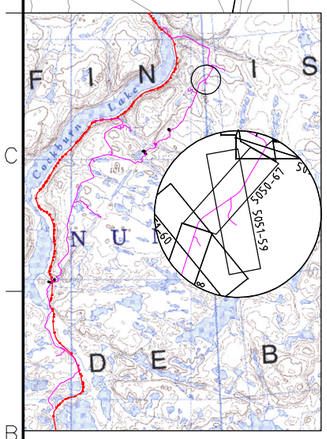
REV.: 1

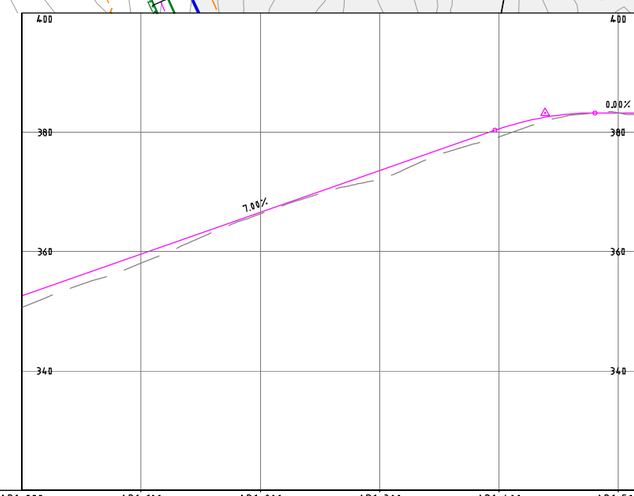
CAD FILE: G:\CAD\103654\02-Civil\02-Sheets\A3-159952-5200-121-5051.dwg

PLOTTED: 16-Dec-10 8:22 PM USER: SPEAR, RANDY

SAVED: 16-Dec-10 7:24 PM







STATIONS (km)	AR1+000	AR1+100	AR1+200	AR1+300	AR1+400	AR1+500	AR1+518.988
GROUND ELEVATION (m)	350.64	358.11	366.35	372.20	379.25	383.26	382.97
FINISHED ELEVATION	352.57	359.57	366.57	373.57	380.56	383.27	383.27

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES

100m 0 100m — Horizontal

20m 0 20m — Vertical

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REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.			

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

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Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT PHASE: LAND PERMIT APPLICATION

AREA: 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NUMBER: 07 – 36

PROJECT NO.: 159952

ACTIVITY NO.:

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY QTR6

SCALE: AS SHOWN

PACKAGE CODE:

DRAWING NO.: A3-159952-5200-121-5051-059

REV.: 1

CAD FILE: G:\CAD\103654\02-Civil\02-Sheets\A3-159952-5200-121-5051.dwg

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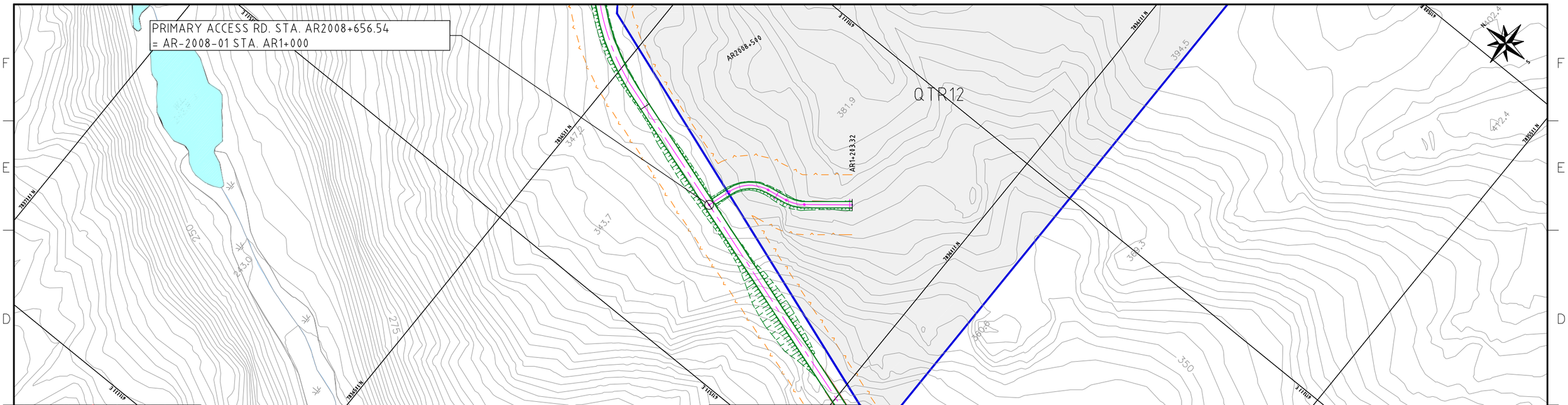
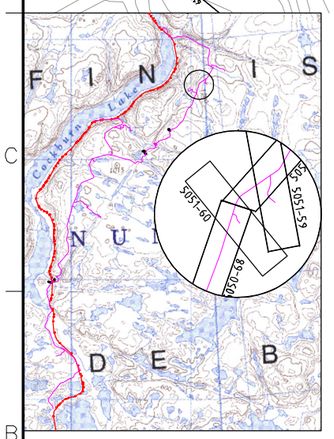
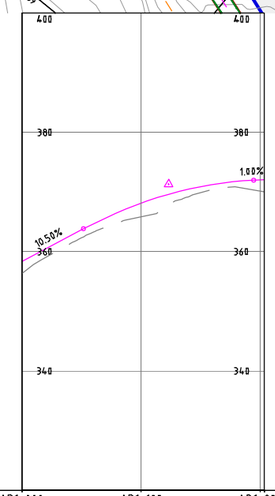
SAVED: 16-Dec-10 7:24 PM







STATIONS (km)	AR1+000	AR1+100	AR1+200	AR1+203.317
GROUND ELEVATION (m)	356.32	365.85	370.12	370.00
FINISHED ELEVATION	358.37	368.10	372.06	372.09

SCALES

100m 0 100m — Horizontal

20m 0 20m — Vertical

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.			

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

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Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT PHASE: LAND PERMIT APPLICATION

AREA: 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NUMBER: 07 – 36

PROJECT NO.: 159952

ACTIVITY NO.:

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY QTR12

SCALE: AS SHOWN

PACKAGE CODE:

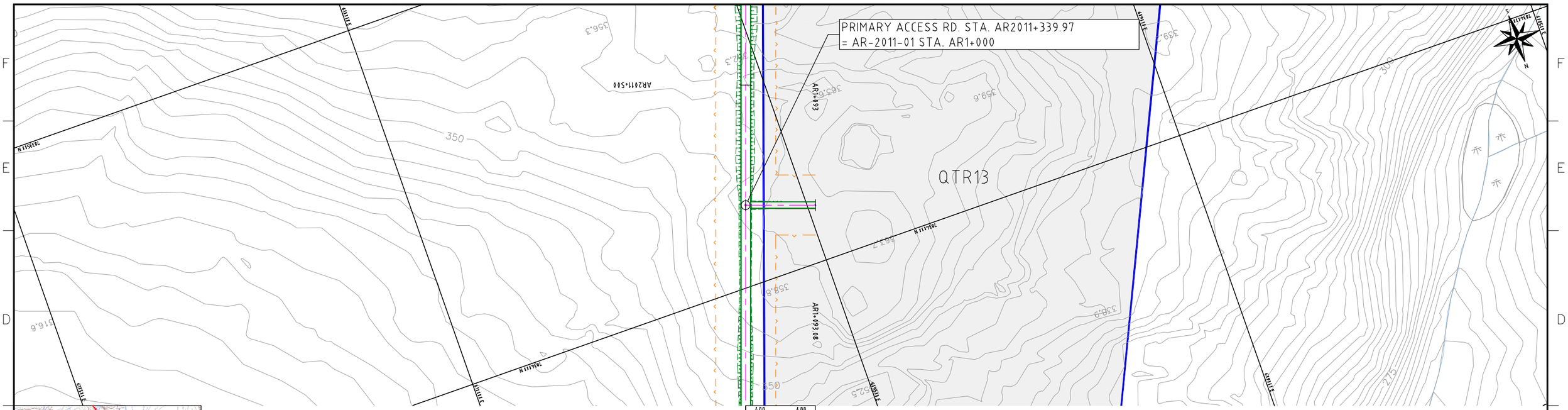
DRAWING NO.: A3-159952-5200-121-5051-060

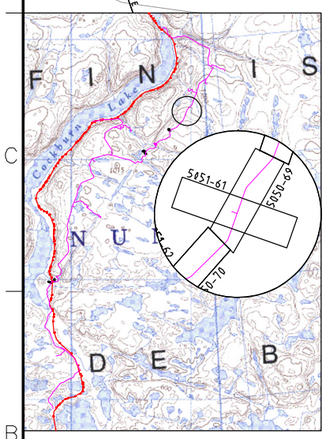
REV.: 1

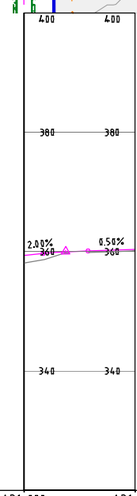
CAD FILE: G:\CAD\103654\02-Civil\02-Sheets\A3-159952-5200-121-5051.dwg

PLOTTED: 16-Dec-10 8:23 PM USER: SPEAR, RANDY

SAVED: 16-Dec-10 7:24 PM







STATIONS (km)	AR1+000	AR1+093.080
GROUND ELEVATION (m)	358.07	360.17
FINISHED ELEVATION	359.35	360.34

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES

100m 0 100m — Horizontal

20m 0 20m — Vertical

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REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.			

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

STAMP/SEAL

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Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT PHASE: LAND PERMIT APPLICATION

AREA 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NUMBER: 07 – 36

PROJECT NO. 159952

ACTIVITY NO.

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY QTR13

SCALE: AS SHOWN

PACKAGE CODE

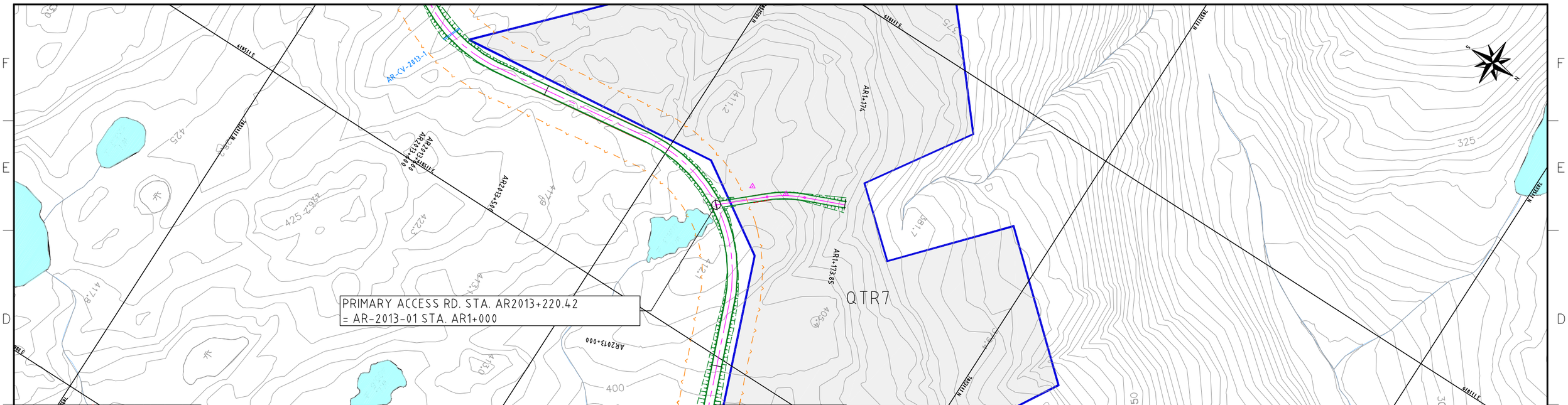
DRAWING NO. A3-159952-5200-121-5051-061

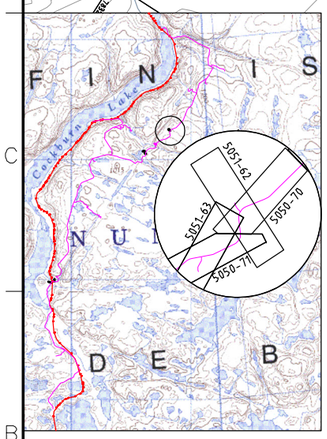
REV. 1

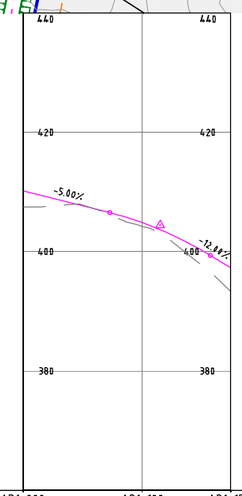
CAD FILE: G:\CAD\103654\02-Civil\02-Sheets\A3-159952-5200-121-5051.dwg

PLOTTED: 16-Dec-10 8:24 PM USER: SPEAR, RANDY

SAVED: 16-Dec-10 7:24 PM







STATIONS (km)	AR1+000	AR1+100	AR1+173.847
GROUND ELEVATION (m)	407.48	404.24	393.32
FINISHED ELEVATION	410.18	404.87	

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
100m 0 100m — Horizontal
20m 0 20m — Vertical

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REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.			

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

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Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT PHASE: LAND PERMIT APPLICATION

AREA: 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NUMBER: 07 – 36

PROJECT NO.: 159952

ACTIVITY NO.:

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY QTR7

DRAWING NO.: A3-159952-5200-121-5051-062

REV.: 1

SCALE: AS SHOWN

PACKAGE CODE:

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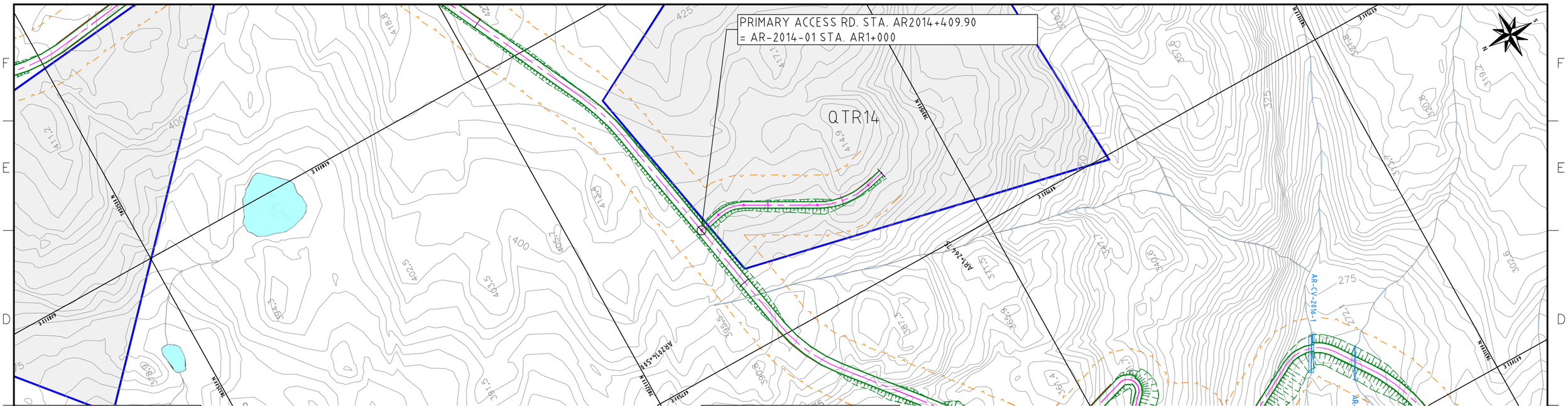

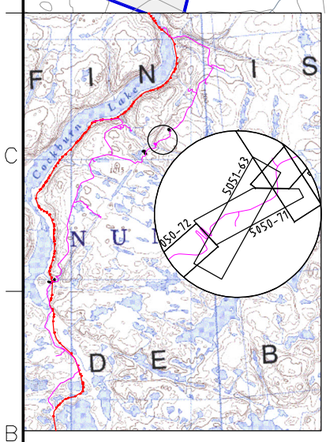

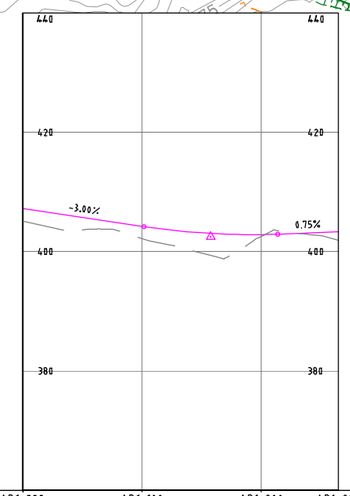

STATIONS (km)	AR1+000	AR1+100	AR1+200	AR1+264.749
GROUND ELEVATION (m)	405.12	402.23	402.56	401.87
FINISHED ELEVATION	407.25	404.25	402.87	403.32

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES

100m 0 100m — Horizontal

20m 0 20m — Vertical

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.			

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

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Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT PHASE: LAND PERMIT APPLICATION

AREA 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NUMBER: 07 – 36

PROJECT NO. 159952

ACTIVITY NO.

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY QTR14

SCALE: AS SHOWN

PACKAGE CODE

DRAWING NO. A3-159952-5200-121-5051-063

REV. 1

CAD FILE: G:\CAD\103654\02-Civil\02-Sheets\A3-159952-5200-121-5051.dwg

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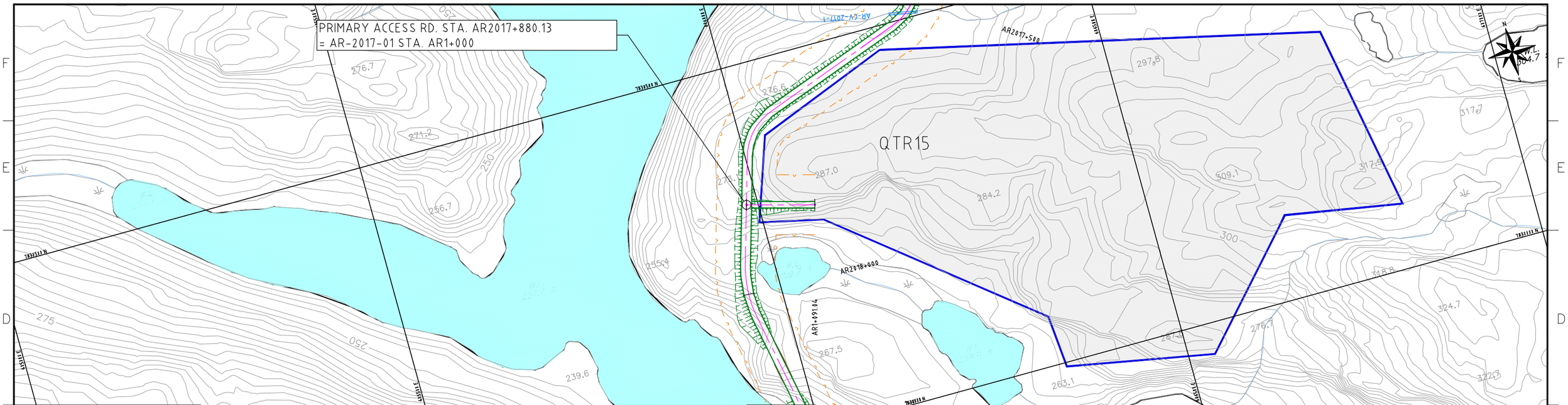

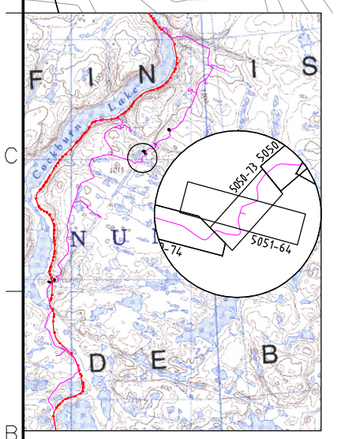

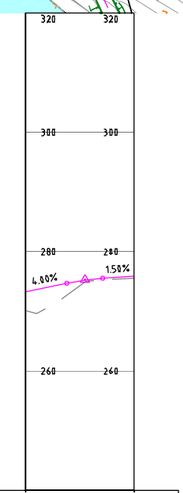

STATIONS (km)	AR1+000	AR1+091.040
GROUND ELEVATION (m)	270.13	275.58
FINISHED ELEVATION	273.29	275.90

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
100m 0 100m — Horizontal
20m 0 20m — Vertical

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.			

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

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Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT PHASE: LAND PERMIT APPLICATION

AREA: 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NUMBER: 07 – 36

PROJECT NO.: 159952

ACTIVITY NO.:

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY QTR15

SCALE: AS SHOWN

PACKAGE CODE:

DRAWING NO.: A3-159952-5200-121-5051-064

REV.: 1

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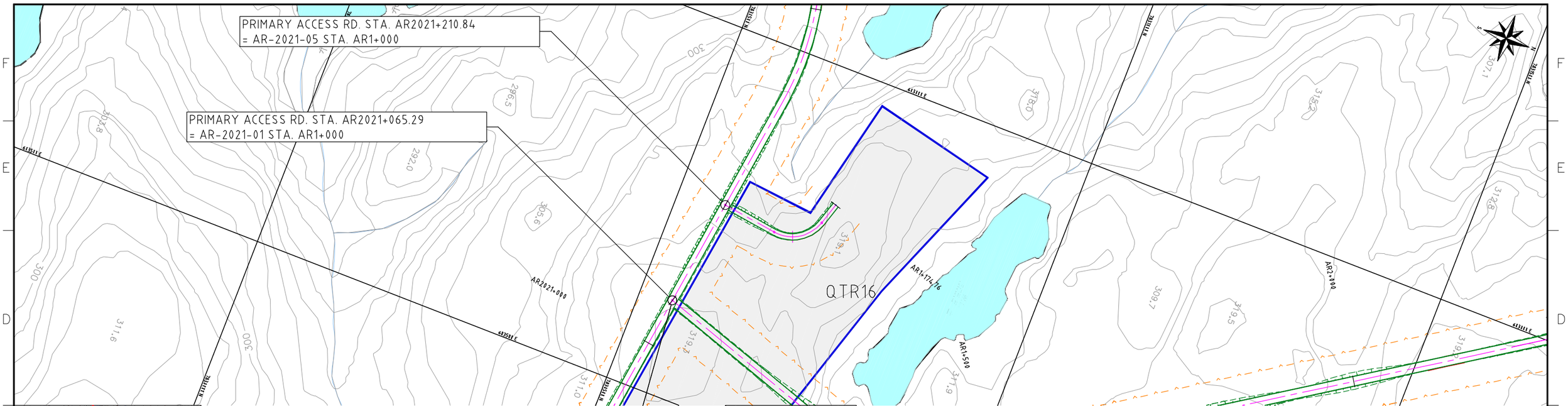
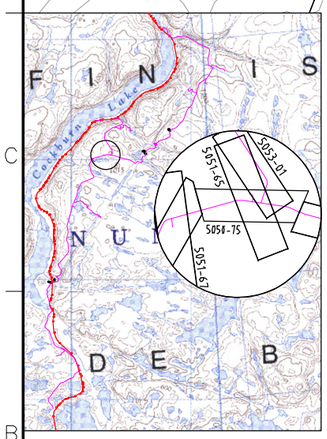
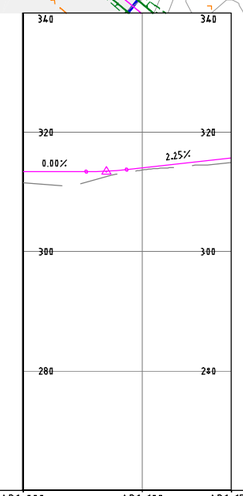
SAVED: 16-Dec-10 7:24 PM







STATIONS (km)	AR1+000	AR1+100	AR1+174.761
GROUND ELEVATION (m)	311.53	313.68	314.93
FINISHED ELEVATION	313.38	314.06	315.74

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
100m 0 100m — Horizontal
20m 0 20m — Vertical

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REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
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REF	NUMBER	TITLE

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Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT PHASE: LAND PERMIT APPLICATION

AREA 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NUMBER: 07 – 36

PROJECT NO. 159952

ACTIVITY NO.

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY QTR16

SCALE: AS SHOWN

PACKAGE CODE

DRAWING NO. A3-159952-5200-121-5051-065

REV. 1

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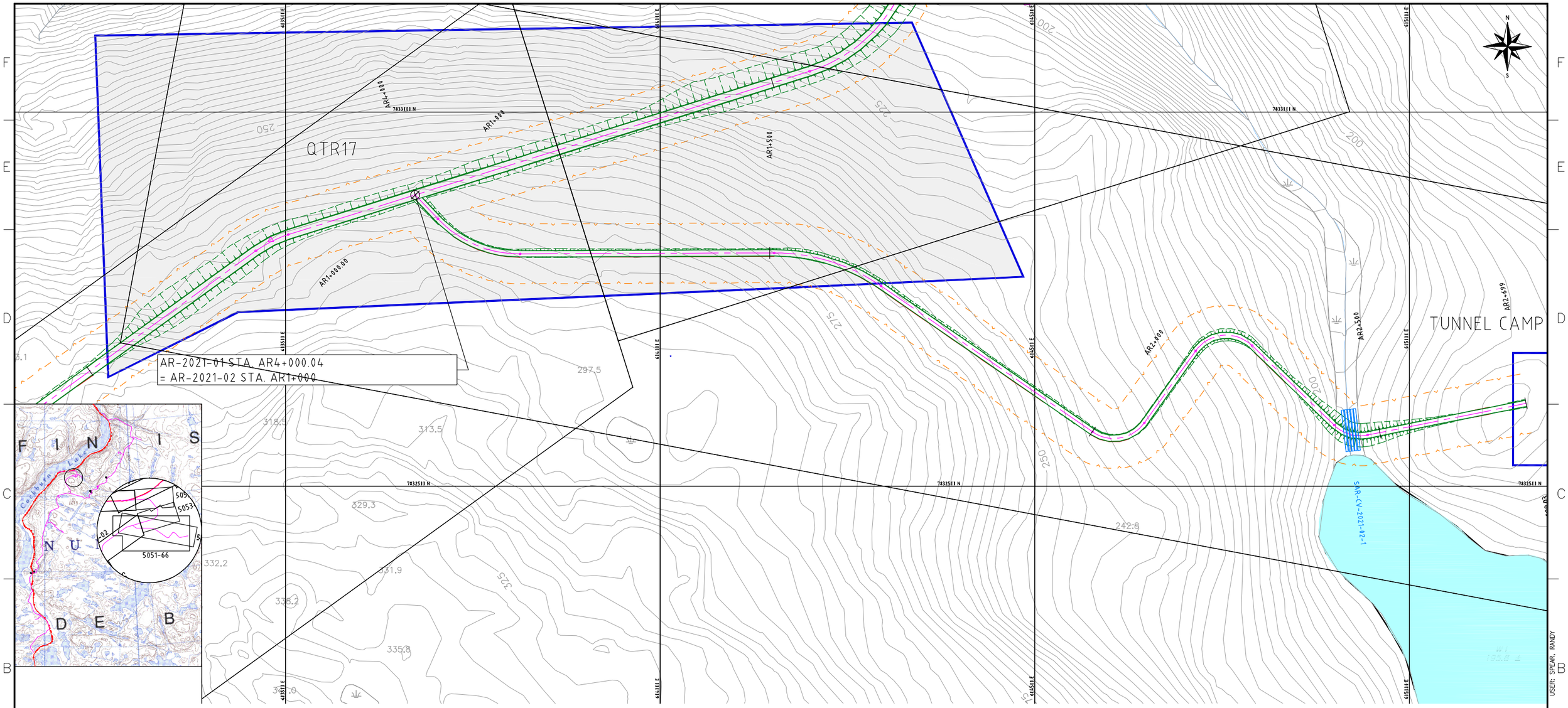

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES

100m 0 100m — Horizontal

20m 0 20m — Vertical

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.			

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REF	NUMBER	TITLE

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PROJECT PHASE: LAND PERMIT APPLICATION

AREA: 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NO.: 159952

ACTIVITY NO.:

SCALE: AS SHOWN

PACKAGE CODE:

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT NUMBER: 07 – 36

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN QUARRY QTR17

DRAWING NO.: A3-159952-5200-121-5051-066

REV.: 1

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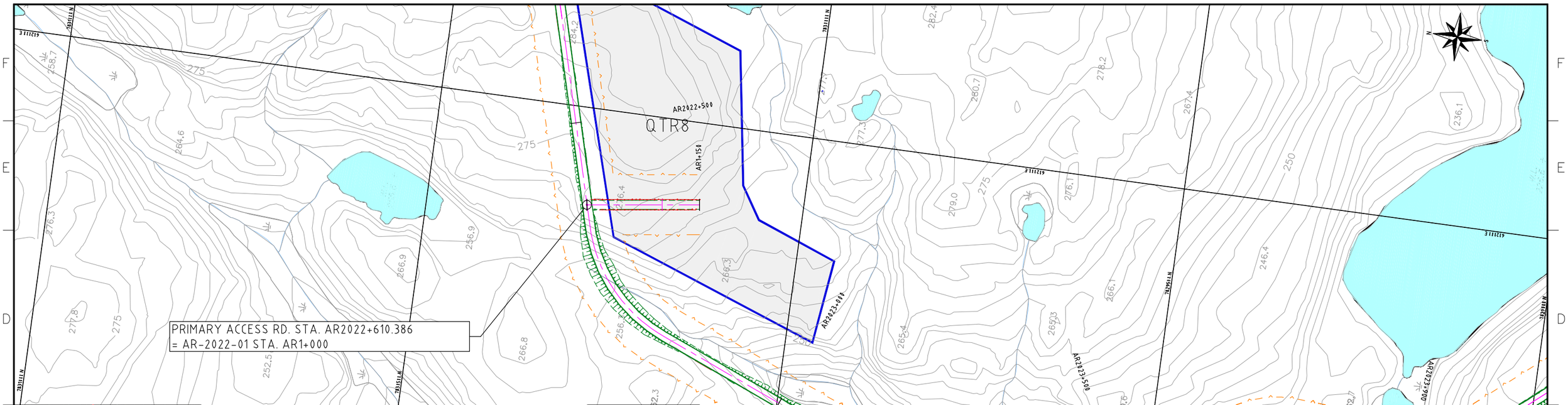

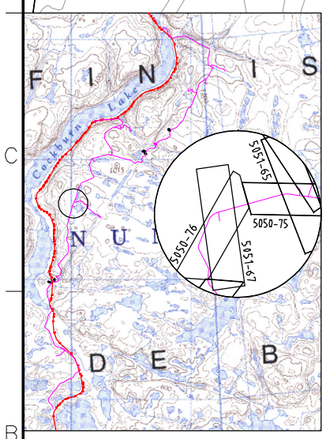

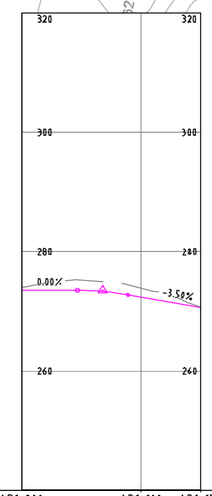

STATIONS (km)	AR1+000	AR1+100	AR1+150
GROUND ELEVATION (m)	273.96	273.87	270.76
FINISHED ELEVATION	273.52	272.39	270.64

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
100m 0 100m — Horizontal
20m 0 20m — Vertical

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REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.			

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

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Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT PHASE: LAND PERMIT APPLICATION

AREA 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NUMBER: 07 – 36

PROJECT NO. 159952

ACTIVITY NO.

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY QTR8

SCALE: AS SHOWN

PACKAGE CODE

DRAWING NO. A3-159952-5200-121-5051-067

REV. 1

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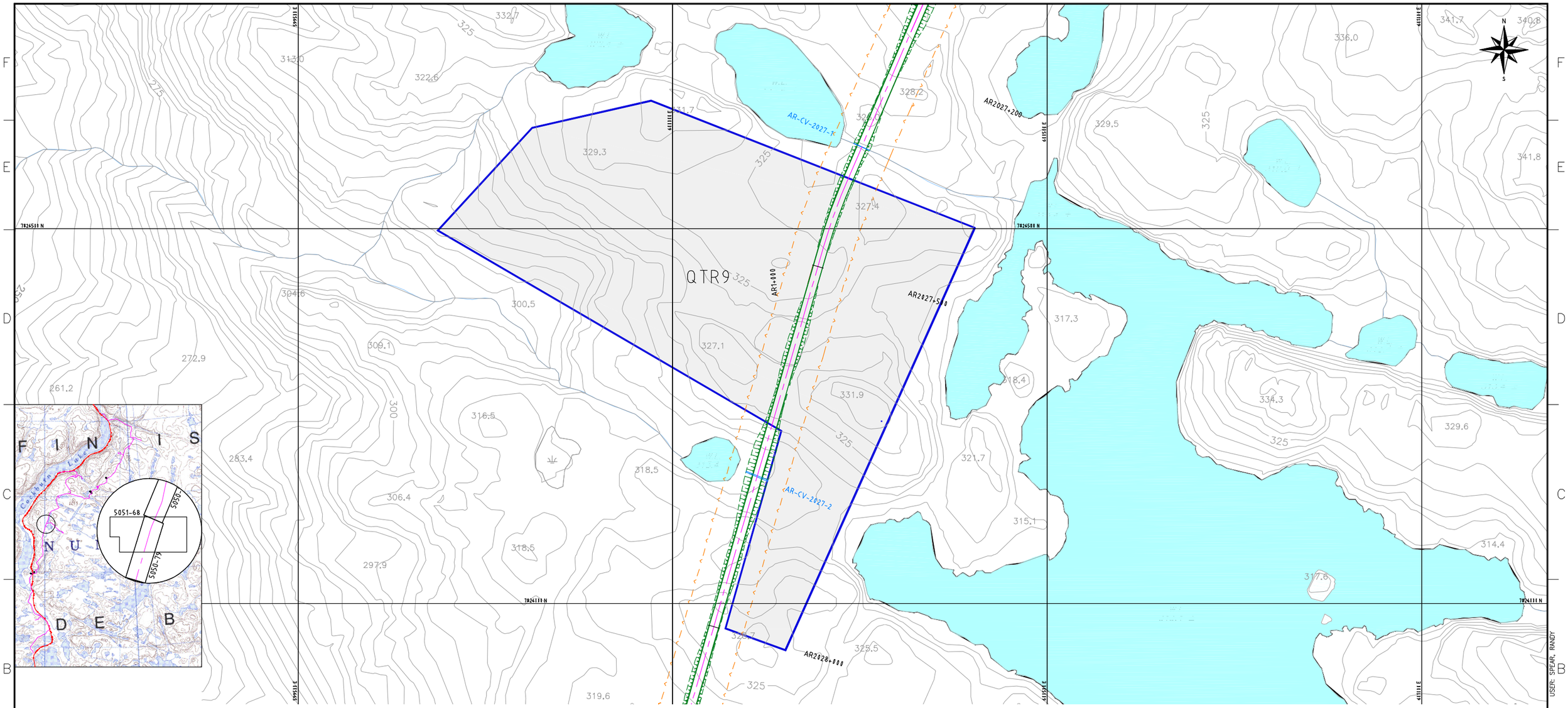

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
100m 0 100m — Horizontal
20m 0 20m — Vertical

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.			

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

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PROJECT PHASE: LAND PERMIT APPLICATION

AREA: 5200 — RAILWAY MAIN ALIGNMENT

Baffinland Iron Mines Corporation

CANARAIL — DILLON CONSULTING

PROJECT NUMBER: 07 – 36

PROJECT NO.: 159952

ACTIVITY NO.:

SCALE: AS SHOWN

PACKAGE CODE:

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN QUARRY QTR9

DRAWING NO.: A3-159952-5200-121-5051-068

REV.: 1

CAD FILE: G:\CAD\103654\02-Civil\02-Sheets\A3-159952-5200-121-5051.dwg

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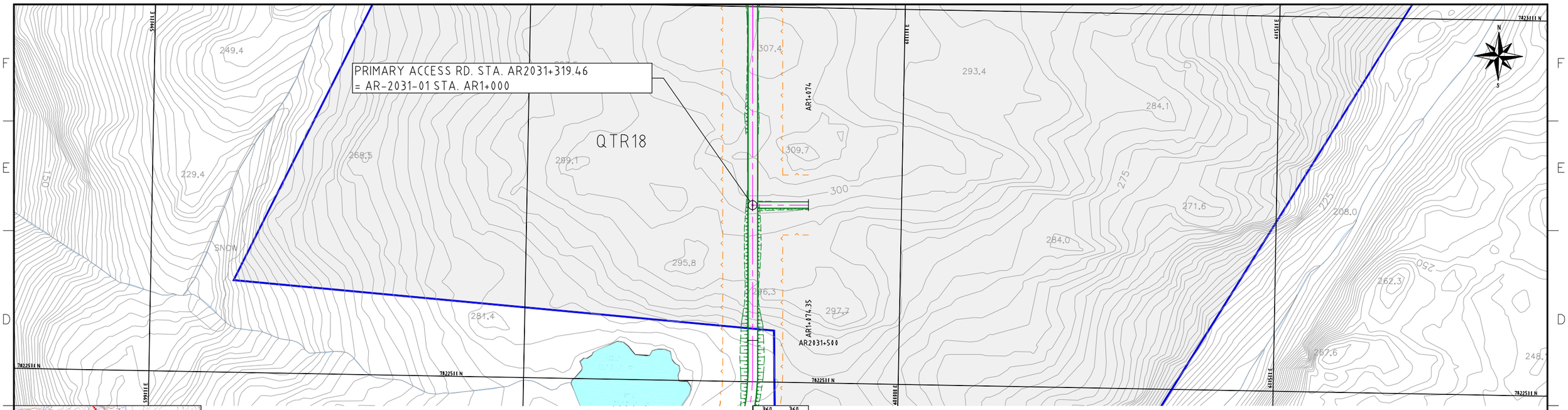

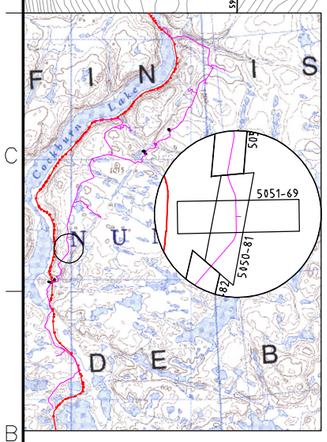

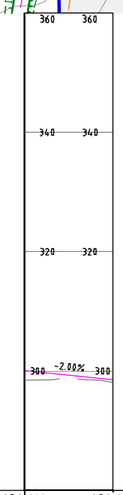

STATIONS (km)	AR1+000	AR1+074.349
GROUND ELEVATION (m)	298.44	298.10
FINISHED ELEVATION	300.03	298.54

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
100m 0 100m — Horizontal
20m 0 20m — Vertical

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.			

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

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Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT PHASE: LAND PERMIT APPLICATION

AREA 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NUMBER 07 – 36

PROJECT NO. 159952

ACTIVITY NO.

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY QTR18

SCALE: AS SHOWN

PACKAGE CODE

DRAWING NO. A3-159952-5200-121-5051-069

REV. 1

CAD FILE: G:\CAD\103654\02-Civil\02-Sheets\A3-159952-5200-121-5051.dwg

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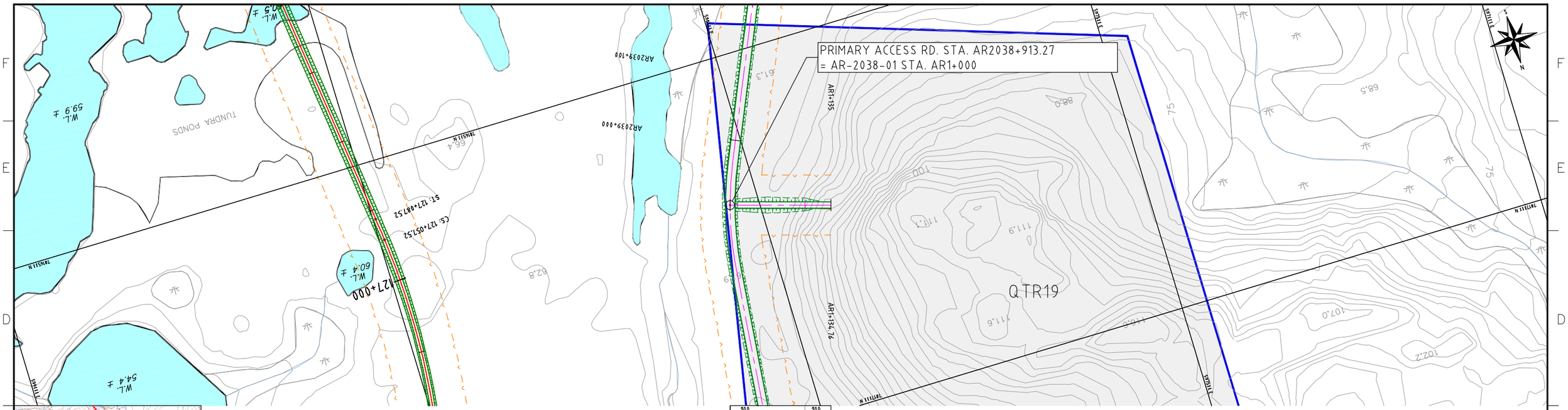
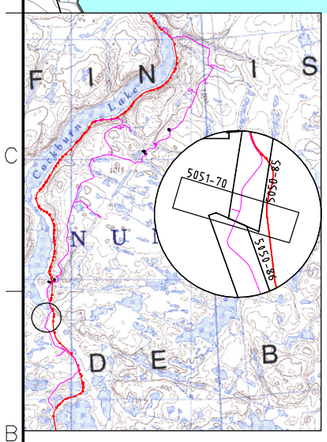
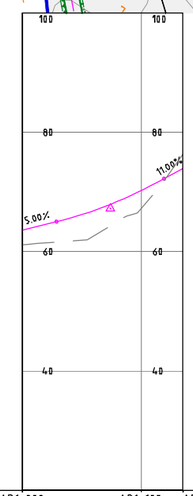
SAVED: 16-Dec-10 7:24 PM







STATIONS (km)	AR1+000	AR1+100	AR1+134
GROUND ELEVATION (m)	61.11	67.27	76.26
FINISHED ELEVATION	63.57	70.26	73.96

NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
- Access Road Centerline
- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

DEVELOPMENT OF THIS DRAWING IS BASED ON PRELIMINARY TOPOGRAPHICAL AND GEOTECHNICAL INFORMATION ADEQUATE FOR PRELIMINARY DESIGN ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES.

REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.			
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.			

ISS	DDMMMYY	APP	ISSUED FOR

REF	NUMBER	TITLE

REFERENCES

STAMP/SEAL

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CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT PHASE: LAND PERMIT APPLICATION

AREA 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NUMBER: 07 – 36

PROJECT NO. 159952

ACTIVITY NO.

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN AND PROFILE QUARRY QTR19

DRAWING NO. A3-159952-5200-121-5051-070

REV. 1

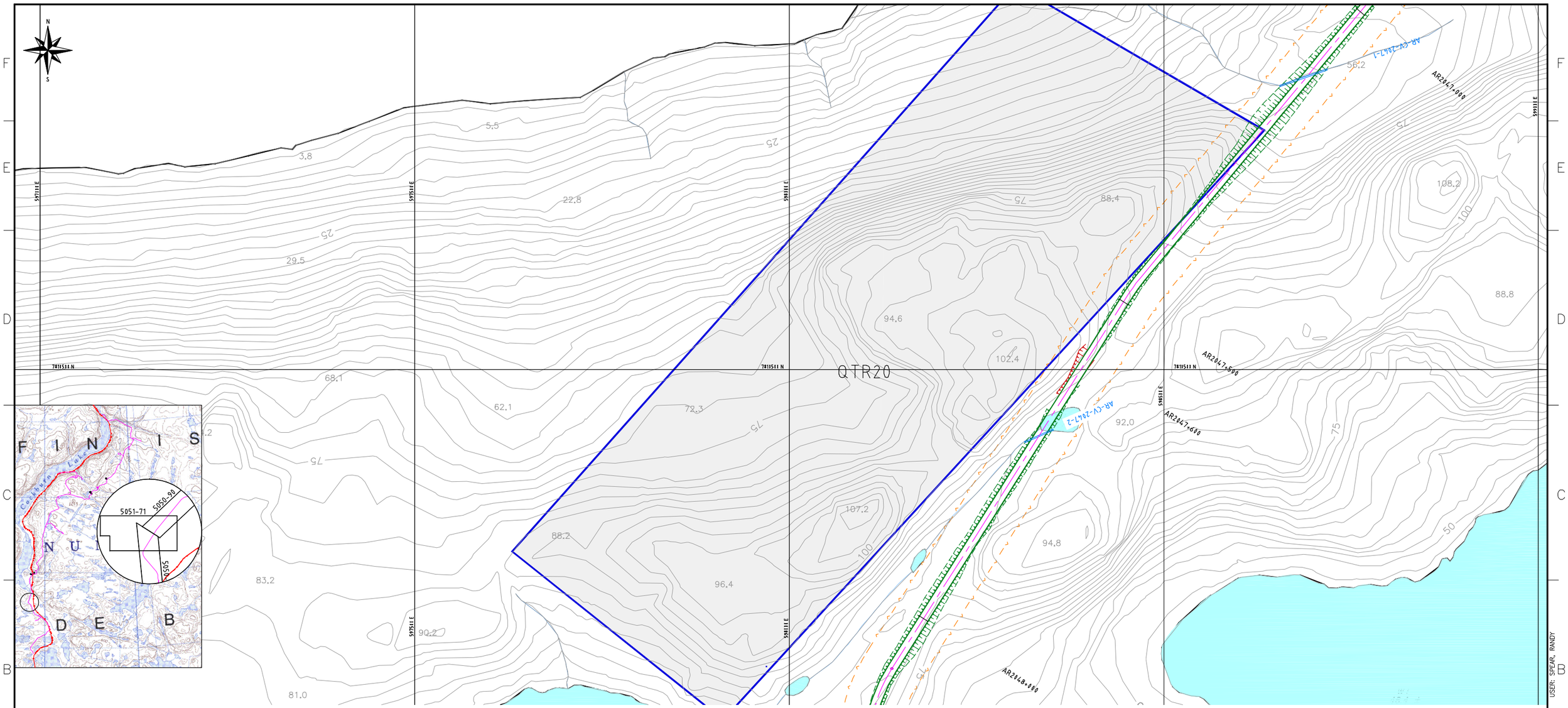
SCALE: AS SHOWN

PACKAGE CODE

CAD FILE: G:\CAD\103654\02-Civil\02-Sheets\A3-159952-5200-121-5051.dwg

PLOTTED: 16-Dec-10 8:35 PM USER: SPEAR, RANDY

SAVED: 16-Dec-10 7:24 PM



NOTES:
- SYMBOL AND R.O.W. DEFINITIONS CAN BE FOUND ON DRAWING A3-159952-5200-121-5001
- SYSTEM METRIC
- PROJECTION: UTM ZONE 17
- HORIZONTAL DATUM: NAD83

LEGEND:
- Approximate Construction Right-of-Way
- Railway Centerline
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- Quarry Potential Development Area
- Quarry Access Road
- Access Road Design Profile
- Access Road Ground Profile

SCALES
Horizontal: 100m 0 100m
Vertical: 20m 0 20m

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REV	DDMMMYY	REVISION	DR	CHK	APP	APP	APP	APP	APP
1	12 DEC 10	ISSUED FOR DEIS ONLY	R.S.S.	K.R.W.	B.G.H.				
0		PRELIMINARY DESIGN	R.S.S.	K.R.W.	B.G.H.				

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Baffinland Iron Mines Corporation

CANARAIL

DILLON CONSULTING

PROJECT PHASE: LAND PERMIT APPLICATION

AREA: 5200 — RAILWAY MAIN ALIGNMENT

PROJECT NUMBER: 07 – 36

PROJECT NO.: 159952

ACTIVITY NO.:

SCALE: AS SHOWN

PACKAGE CODE:

	BY	DDMMMYY
DSN	KRW	
DRN	RSS	
CHK	BGH	
APP		

SUBJECT: RAILWAY CONSTRUCTION ACCESS ROAD PLAN QUARRY QTR20

DRAWING NO.: A3-159952-5200-121-5051-071

REV.: 1

CAD FILE: G:\CAD\103654\02-Civil\02-Sheets\A3-159952-5200-121-5051.dwg

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