

APPENDIX D
EXTRA-LARGE DRAINAGE CROSSINGS DATA SHEETS

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TABLE D.1

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

BULK SAMPLING PROGRAM ENVIRONMENTAL SCREENING DOCUMENT

EXTRA-LARGE DRAINAGE CROSSINGS
DATA SHEET (CV183)

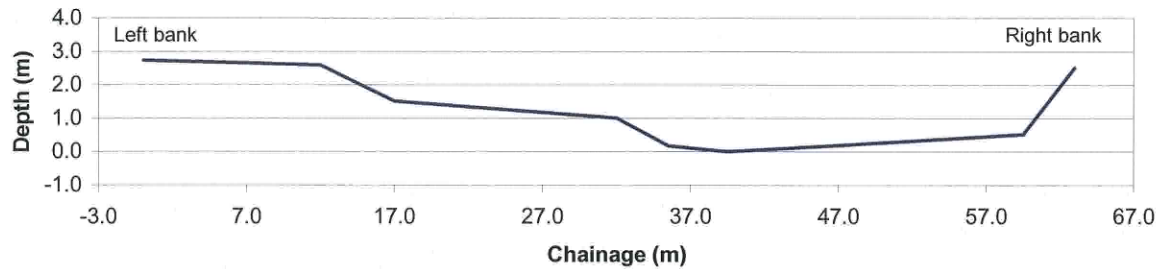
Channel X-Section Data

Length (m)	Chainage (m)	Level height (m)	Relative Depth (m)
	0.0	0.24	2.74
	12.0	0.39	2.59
	17.0	1.47	1.51
	32.0	1.97	1.01
	35.5	2.80	0.18
	39.5	2.98	0.00
	50.0	2.71	0.27
	59.5	2.46	0.52
	63.0	0.46	2.52

Main Channel Grade

Chainage (m)	Level height (m)	slope
0	1.85	
50	2.12	0.5%
100	2.38	0.5%

Typical Channel X-Section at Crossing CV183 - looking downstream



Aerial View of Crossing - looking downstream



Panoramic View of Road Crossing - looking downstream

TABLE D.2

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

BULK SAMPLING PROGRAM ENVIRONMENTAL SCREENING DOCUMENT

EXTRA-LARGE DRAINAGE CROSSINGS
DATA SHEET CV128

Channel X-Section Data

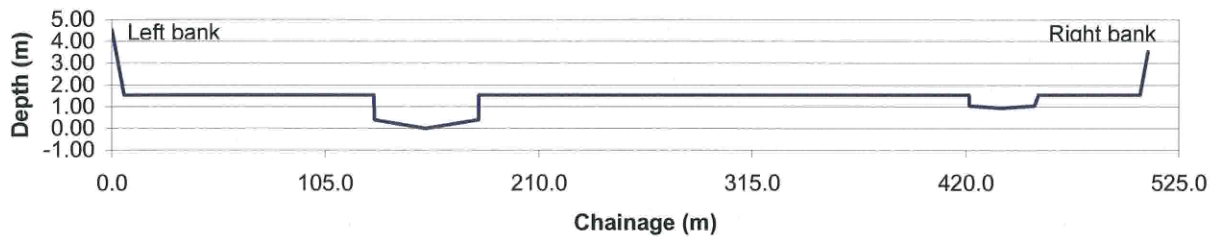
Length (m)	Chainage (m)	Level height (m)	Relative Depth (m)
6.0	0.0	0.00	4.54
123.0	6.0	3.00	1.54
0.3	129.0	3.00	1.54
25.0	129.3	4.15	0.39
26.0	154.3	4.54	0.00
0.3	180.3	4.15	0.39
241.0	180.5	3.00	1.54
0.3	421.5	3.00	1.54
16.0	421.8	3.50	1.04
16.0	437.8	3.60	0.94
2.0	453.8	3.50	1.04
50.0	455.8	3.00	1.54
4.0	505.8	3.00	1.54
	509.8	1.00	3.54

Main Channel Grade

Chainage (m)	Level height (m)	slope
0	2.44	
50	2.63	0.4%
100	2.84	0.4%

Note: This x-section was done without a level, but rather with a tape used to make chainage and depth measurements.

Typical Channel X-Section at Crossing CV128 - looking downstream



Arial View of Crossing - looking downstream



Panoramic View of Road Crossing - looking downstream

TABLE D.3

**BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT**

BULK SAMPLING PROGRAM ENVIRONMENTAL SCREENING DOCUMENT

**EXTR- LARGE DRAINAGE CROSSINGS
DATA SHEET (BG50)**

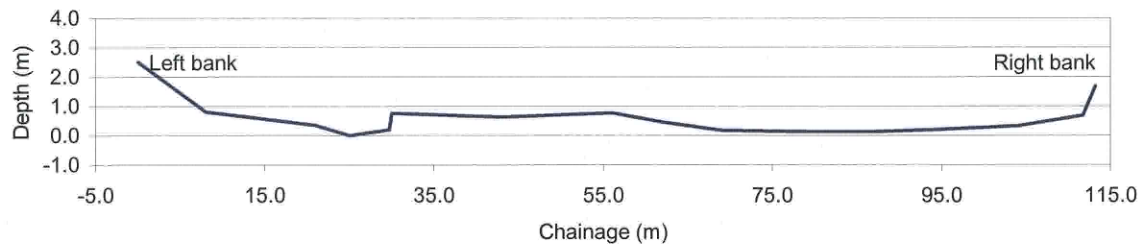
Channel X-Section Data

Length (m)	Chainage (m)	Level height (m)	Relative Depth (m)
	0.0	0.05	2.51
	8.0	1.76	0.80
	21.0	2.21	0.35
	25.0	2.56	0.00
	29.7	2.36	0.20
	30.0	1.80	0.76
	43.0	1.93	0.63
	56.0	1.79	0.77
	62.0	2.10	0.46
	69.0	2.39	0.17
	79.0	2.43	0.13
	87.0	2.43	0.13
	94.0	2.36	0.20
	104.0	2.23	0.33
	111.7	1.88	0.68
	113.2	0.88	1.68

Main Channel Grade

Chainage (m)	Level height (m)	slope
0	1.56	
50	2.43	1.7%
100	3.04	1.2%

Typical Channel X-Section at Crossing BG50 - looking downstream



Arial View of Crossing - looking upstream



Panoramic View of Road Crossing - looking downstream

TABLE D.4

**BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT**

BULK SAMPLING PROGRAM ENVIRONMENTAL SCREENING DOCUMENT

**EXTRA-LARGE DRAINAGE CROSSINGS
DATA SHEET (CV217)**

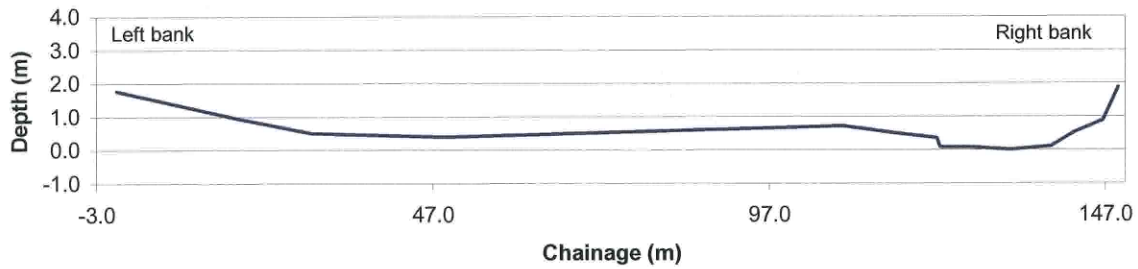
Channel X-Section Data

Length (m)	Chainage (m)	Level height (m)	Relative Depth (m)
	0.0	0.60	1.77
	18.0	1.42	0.95
	29.0	1.86	0.51
	48.7	1.97	0.40
	97.9	1.71	0.66
	107.9	1.65	0.72
	115.9	1.87	0.50
	121.9	2.01	0.36
	122.4	2.28	0.09
	126.9	2.29	0.08
	132.9	2.37	0.00
	138.9	2.26	0.11
	142.4	1.84	0.53
	146.6	1.49	0.88
	148.9	0.49	1.88

Main Channel Grade

Chainage (m)	Level height (m)	slope
0	2.21	
50	2.37	0.3%
100	2.76	0.8%

Typical Channel X-Section at Crossing CV217 - looking downstream



Arial View of Crossing



Panoramic View of Road Crossing - looking downstream

TABLE D.5

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

BULK SAMPLING PROGRAM ENVIRONMENTAL SCREENING DOCUMENT

EXTRA-LARGE DRAINAGE CROSSINGS
DATA SHEET (CV223)

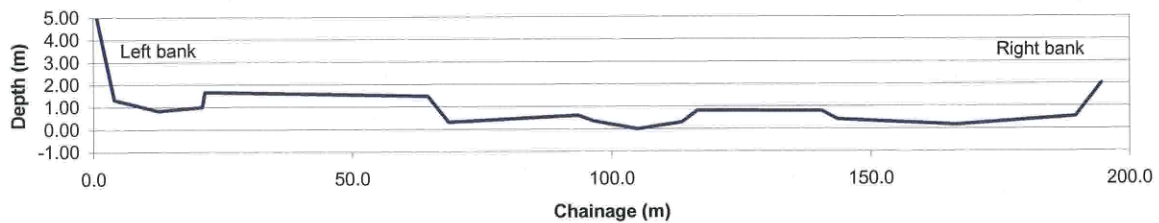
Channel X-Section Data

Length (m)	Chainage (m)	Level height (m)	Relative Depth (m)
4.0	0.0	-3.00	5.69
8.5	4.0	1.36	1.33
8.5	12.5	1.86	0.83
0.5	21.0	1.68	1.01
43.0	21.5	1.02	1.67
4.0	64.5	1.22	1.47
25.0	68.5	2.38	0.31
3.0	93.5	2.08	0.61
8.5	96.5	2.34	0.35
8.5	105.0	2.69	0.00
3.0	113.5	2.40	0.29
24.0	116.5	1.87	0.82
3.0	140.5	1.90	0.79
23.0	143.5	2.27	0.42
23.0	166.5	2.52	0.17
5.0	189.5	2.16	0.53
	194.5	0.68	2.01

Main Channel Grade

Chainage (m)	Level height (m)	slope
0	2.28	
50	2.69	0.8%
100	3.77	2.2%

Typical Channel X-Section at Crossing CV223 - looking downstream



Arial View of Crossing - looking upstream



Panoramic View of Road Crossing - looking downstream