

**APPENDIX G**  
**WATERCOURSE CROSSING FISHERIES SAMPLING DATA TABLES**

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TABLE G.1

BAFFINLAND IRON MINES CORPORATION  
MARY RIVER PROJECT

BULK SAMPLING PROGRAM ENVIRONMENTAL SCREENING DOCUMENT

WATERCOURSE CROSSING FISHERIES SAMPLING RESULTS DATA

Watercourse	Gear Type <sup>1</sup>	Fish Species <sup>2</sup>	Number Captured	Number Observed	Mean Length (mm)	Length Range (mm)	Comments
BG-01	EF	ARCH	4	-	135	84-158	-
	MT	ARCH	4	-	103	90-117	-
BG-16	None	-	-	-	-	-	Not enough water for MT, EF non-functional
BG-17	MT	ARCH	3	-	111	90-137	-
BG-24	MT	ARCH	15	-	109	93-138	-
BG-27	None	-	-	-	-	-	Not enough water for MT, EF non-functional
BG-28	None	-	-	-	-	-	Not enough water for fisheries work
BG-50	MT	ARCH	1	-	114	-	-
CV-040	MT	-	-	-	-	-	-
CV-049	MT	-	-	-	-	-	-
CV-055	None	-	-	-	-	-	Not enough water for MT, EF non-functional
CV-057	MT	ARCH	10	-	118	95-135	-
CV-060	MT	ARCH	25	-	100	75-120	-
CV-078	MT	ARCH	20	-	114	80-150	-
CV-087	None	-	-	-	-	-	Not enough water for MT, EF non-functional
CV-092	None	-	-	-	-	-	Not enough water for fisheries work
CV-093	None	-	-	-	-	-	Not enough water for fisheries work
CV-095	None	-	-	-	-	-	Not enough water for fisheries work
CV-099	MT	ARCH	19	-	97	68-122	-
CV-104	EF	ARCH	-	3	-	-	-
CV-114	EF	ARCH	1	-	63	-	-
CV-128	EF	-	-	-	-	-	-
	MT	ARCH	1	-	84	-	-
CV-146	None	-	-	-	-	-	Site above falls
CV-156	None	-	-	-	-	-	Not enough water for MT
CV-183	EF	ARCH	-	1	-	-	-
	EF	Sculpin	-	1	-	-	-
	MT	-	-	-	-	-	-
CV-187	EF	ARCH	5	-	94	75-110	-
	MT	ARCH	2	-	114	112-115	-
CV-216	None	-	-	-	-	-	Not enough water for MT, EF non-functional
CV-217	MT	NNST	1	-	50	-	-
CV-223	EF	ARCH	-	05-Oct	-	-	-
	MT	-	-	-	-	-	-
CV-224	None	-	-	>10	-	-	-
CV-225	EF	ARCH	11	-	51	35-123	-

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29-Nov-06

Notes:

1. EF = electrofishing, MT = minnow trap, None = Sampling not possible so visual observations along the streams were conducted instead.
2. ARCH = Arctic char, NNST = ninespine stickleback, Sculpin = *Myoxocephalus* spp.

**TABLE G.2**

**BAFFINLAND IRON MINES CORPORATION**  
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**WATERCOURSE CROSSING FISHERIES SAMPLING EFFORT SUMMARY**

Watercourse	Sample Site ID <sup>1</sup>	Set/Sample Date <sup>2</sup>	Pull Date	Start UTM Easting <sup>3</sup>	Start UTM Northing	End UTM Easting	End UTM Northing	Set Duration (dec.hrs)	Pass Duration (s)
CV-183	MT-16	07-Aug-06	12-Aug-06	504670	7976542	-	-	119.17	-
CV-128	MT-17	07-Aug-06	12-Aug-06	513543	7965881	-	-	117	-
CV-099	MT-18	07-Aug-06	12-Aug-06	521768	7948828	-	-	114.83	-
CV-099	MT-19	07-Aug-06	12-Aug-06	521763	7948825	-	-	114.58	-
CV-078	MT-20	07-Aug-06	12-Aug-06	525804	7936798	-	-	113	-
CV-060	MT-21	07-Aug-06	12-Aug-06	527606	7930343	-	-	112.08	-
CV-057	MT-22	07-Aug-06	12-Aug-06	528361	7928671	-	-	111.42	-
BG-50	MT-23	08-Aug-06	12-Aug-06	529301	7926824	-	-	95.83	-
CV-049	MT-24	08-Aug-06	12-Aug-06	529657	7926548	-	-	95.08	-
CV-040	MT-25	08-Aug-06	12-Aug-06	535210	7920293	-	-	94.58	-
CV-217	MT-26	08-Aug-06	12-Aug-06	542214	7922238	-	-	93.08	-
CV-217	MT-27	08-Aug-06	12-Aug-06	542119	7922164	-	-	92.92	-
BG-24	MT-28	08-Aug-06	12-Aug-06	548794	7918897	-	-	90.33	-
BG-17	MT-29	10-Aug-06	12-Aug-06	550677	7917683	-	-	43.75	-
BG-01	MT-6	27-Jul-06	03-Aug-06	559143	7914404	-	-	161.42	-
CV-187	MT-9	28-Jul-06	03-Aug-06	560920	7913461	-	-	139.08	-
CV-223	MT-5	27-Jul-06	28-Jul-06	555697	7915146	-	-	19.25	-
CV-183	EF-27	07-Aug-06	-	504695	7976404	504688	7976439	-	510
CV-128	EF-28	07-Aug-06	-	513565	7965857	513551	7965885	-	655
CV-114	EF-29	07-Aug-06	-	520291	7956538	520278	7956527	-	170
CV-104	EF-30	07-Aug-06	-	521748	7952783	521735	7952791	-	345
BG-01	EF-5	27-Jul-06	-	559229	7914348	559198	7914363	-	495
CV-187	EF-9	28-Jul-06	-	561388	7913557	561376	7913564	-	660
CV-223	EF-3&4	27-Jul-06	-	555691	7915003	-	-	-	1125
CV-225	EF-6	28-Jul-06	-	556237	7915033	556234	7915048	-	755

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**Notes:**

1. MT = minnow trap, EF = electrofishing.
2. Date minnow traps were set or electrofishing runs were conducted.
3. Using NAD 83, 17 W.

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**TABLE G.3**

**BAFFINLAND IRON MINES CORPORATION**  
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**BULK SAMPLING PROGRAM ENVIRONMENTAL SCREENING DOCUMENT**

**FISH HABITAT RANKINGS AT WATERCOURSE CROSSINGS**

<b>Crossing ID</b>	<b>Road Chainage (km)</b>	<b>Size Category</b>	<b>Area (m<sup>2</sup>)</b>	<b>Habitat Description</b>	<b>Fish Habitat Ranking</b>
CV-183	0.145	Extra-Large	59.90	Spawning and rearing habitat present, accessible to sea-run char	Important
CV-182	0.480	Extra-Small	0.08	None, appears to have little or no water even in spring	None
CV-181	0.583	Medium	3.30	Important with riffle-pool habitat, relatively low gradient, great subs and close distance to larger waterbody, water a little low though	Important
CV-180	0.796	Extra-Small	0.16	Marginal, nice-riffle-pool but low water	Marginal
CV-179	1.507	Extra-Small	0.05	Marginal in spring nice pool habitat, but water a little low	Marginal
CV-178	1.776	Extra-Small	0.02	None, possibly marginal unknown distance to large waterbody and has little water even in spring	None
CV-177	2.427	Extra-Small	0.02	None, possibly marginal gradient is pretty high though	None
CV-176	2.637	Small	0.52	Marginal, nice-riffle-pool but gradient a little high, barriers unknown and low water	Marginal
CV-175	2.867	Extra-Small	0.25	Marginal, nice-riffle-pool but gradient a little high, barriers unknown and low water	Marginal
CV-174	3.734	Extra-Small	0.22	Marginal at best and only during spring in lower reaches high gradient, nice habitat but little water	None
CV-173	4.425	Extra-Small	0.35	Important in spring nice pool habitat, depends largely on accessibility	Important
CV-172	4.722	Extra-Small	0.01	None, possibly marginal unknown distance to large waterbody and has little water even in spring	None
CV-171	4.867	Extra-Small	0.04	None, possibly marginal unknown distance to large waterbody, high gradient and has little water even in spring	None
CV-170	5.268	Small	0.52	Marginal in spring, nice-riffle-pool but gradient a little high and low water	Marginal
CV-169	5.427	Extra-Small	0.13	None, possibly marginal unknown distance to large waterbody, high gradient and has little water even in spring	None
CV-168	5.882	Extra-Small	0.01	None, possibly marginal unknown distance to large waterbody and has little water even in spring	None
CV-167	5.960	Extra-Small	0.31	Important in spring, nice-riffle-pool but gradient a little high and low water	Important
CV-166	6.055	Small	0.82	Marginal possibly important in spring nice pool habitat but low water	Marginal
CV-165	7.038	Small	1.13	Marginal but may have barriers d/s, nice habitat though	Marginal
CV-164	7.299	Extra-Small	0.07	None, possibly marginal, probably impassable gradient and has little water even in spring	None
CV-163	7.832	Extra-Small	0.17	None, possibly marginal, probably impassable drop and has little water even in spring	None

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**FISH HABITAT RANKINGS AT WATERCOURSE CROSSINGS**

Crossing ID	Road Chainage (km)	Size Category	Area (m <sup>2</sup> )	Habitat Description	Fish Habitat Ranking
CV-162	7.922	Extra-Small	0.12	None, possibly marginal unknown distance to large waterbody, may have impassable drop and has little water even in spring	None
CV-161	8.230	Extra-Small	0.04	Marginal in spring, nice-riffle-pool but gradient a little high and low water	Marginal
CV-159	8.407	Extra-Small	0.36	Important in spring in lower reaches, nice-riffle-pool and close to large waterbody but low water	Important
CV-158	8.648	Extra-Small	0.05	Marginal in spring, nice-riffle-pool but gradient a little high and low water	Marginal
CV-157	8.960	Small	1.47	Marginal possibly important in spring nice riffle-pool but low water and potential barriers d/s especially during low water	Marginal
CV-156	9.223	Extra-Small	0.07	See Appendix F	None
CV-155	9.328	Extra-Small	0.14	Marginal at best and only during spring in lower reaches, little water	None
CV-154	9.570	Small	1.36	Important with riffle-pool habitat, relatively low gradient, great subs and close distance to larger waterbody, water a little low though	Important
CV-153	10.219	Small	1.06	Marginal possibly important in spring nice riffle-pool but low water and potential barriers unknown	Marginal
CV-152	10.282	Small	1.05	Marginal in spring, mostly poolish but unknown barriers to large waterbody and low water	Marginal
CV-151	10.460	Small	0.59	Marginal possibly important in spring nice riffle-pool but low water and	Marginal
CV-150	10.507	Extra-Small	0.02	Marginal at best and only during spring in lower reaches, has nice pools and	None
CV-149	10.954	Extra-Small	0.03	None, possibly marginal unknown distance to large waterbody, may have	None
CV-148	11.180	Extra-Small	0.38	Marginal at best and only during spring in lower reaches, has nice pools and	None
CV-147	11.208	Extra-Small	0.02	None, possibly marginal unknown distance to large waterbody, may have	None
CV-146	11.347	Small	1.02	See Appendix F	None
CV-145	11.832	Extra-Small	0.03	None, possibly marginal unknown distance to large waterbody, may have	None
CV-144	12.205	Extra-Small	0.01	None, possibly marginal unknown distance to large waterbody, may have	None
CV-143	12.236	Extra-Small	0.02	None, possibly marginal unknown distance to large waterbody, may have	None
CV-142	12.266	Extra-Small	0.03	None, possibly marginal unknown distance to large waterbody, may have	None
CV-141	12.453	Extra-Small	0.04	None, possibly marginal unknown distance to large waterbody, may have	None
CV-140	12.501	Extra-Small	0.06	None, possibly marginal difficult to tell but drop may be too steep to be	None
CV-139	12.679	Extra-Small	0.04	Marginal at best and only during spring in lower reaches, little water	None
CV-138	12.784	Extra-Small	0.06	None, possibly marginal difficult to tell but drop may be too steep to be	None



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Crossing ID	Road Chainage (km)	Size Category	Area (m <sup>2</sup> )	Habitat Description	Fish Habitat Ranking
CV-137	13.042	Extra-Small	0.03	None, possibly marginal has little water even in spring	None
CV-136	13.425	Extra-Small	0.22	Marginal at best and only during spring in lower reaches, little water	None
CV-135	13.675	Extra-Small	0.07	None, appears to have little or no water even in spring and high gradient	None
CV-134	14.014	Extra-Small	0.33	None, appears to have little or no water even in spring and high gradient	None
CV-133	14.201	Extra-Small	0.09	None, possibly marginal difficult to tell but drop may be too steep (very	None
CV-132	14.625	Extra-Small	0.42	Marginal at best and only during spring in lower reaches, little water	None
CV-131	14.709	Extra-Small	0.05	Marginal in spring, mostly poolish but unknown distance to large waterbody	Marginal
CV-195	15.008	Extra-Small	0.11	None, possibly marginal but very little water	None
CV-130	15.202	Extra-Small	0.13	Marginal mostly pool and close to large waterbody but low water	Marginal
CV-129	15.651	Large	10.62	Important with riffle-pool habitat, great subs and close distance to larger	Important
CV-196	15.839	Extra-Small	0.18	None, possibly marginal but very little water	None
CV-128	17.683	Extra-Large	473.40	See Appendix F	Important
CV-127	18.279	Extra-Small	0.06	Marginal but sure doesn't look xsmall from photos unless the entire extent	Marginal
CV-126	19.243	Extra-Small	0.02	Marginal but sure doesn't look xsmall from photos unless the entire extent	Marginal
CV-125	20.448	Small	1.19	Marginal possibly important, with cobble/gravel subs and excellent riffle-	Marginal
CV-124	20.626	Extra-Small	0.03	Marginal in spring, riffle-pool and close to large waterbody but low water	Marginal
CV-123	21.399	Extra-Small	0.13	Marginal at best and only during spring in lower reaches, little water	None
CV-122	21.949	Extra-Small	0.13	Marginal at best and only during spring in lower reaches, little water	None
CV-121	23.199	Extra-Small	0.04	None, appears to have little or no water even in spring and high gradient	None
CV-120	23.510	Small	1.89	Marginal possibly important, with habitat seen in other fishbearing streams,	Marginal
CV-119	24.264	Small	1.17	Marginal in spring, riffle-pool but low water	Marginal
CV-197	25.633	Extra-Small	0.20	Marginal at best and only during spring in lower reaches, little water and	None
CV-118	25.878	Extra-Small	0.13	Marginal to important with riffle-pool habitat, great subs and unknown	Marginal
CV-198	26.444	Extra-Small	0.21	Marginal at best and only during spring in lower reaches, little water and	Marginal
CV-199	26.658	Extra-Small	0.38	Marginal at best and only during spring in lower reaches, little water and	Marginal
CV-117	27.074	Small	1.27	Marginal at best and only during spring in lower reaches, little water and	None
CV-116	27.388	Extra-Small	0.07	Marginal with riffle-pool habitat, relatively low gradient, gravel, and close to	Marginal
CV-115	27.686	Small	1.41	Important in spring possibly marginal later, mostly riffle-pool habitat, should	Important
CV-200	28.938	Extra-Small	0.33	Marginal at best and only during spring in lower reaches, little water and	Marginal
CV-114	29.648	Medium	3.14	See Appendix F	Marginal

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Crossing ID	Road Chainage (km)	Size Category	Area (m <sup>2</sup> )	Habitat Description	Fish Habitat Ranking
CV-201	30.483	Extra-Small	0.31	Marginal at best and only during spring in lower reaches, little water and	Marginal
CV-113	30.656	Small	0.77	Marginal possibly important, with cobble/gravel subs and excellent riffle-	Marginal
CV-112	31.446	Small	2.28	Marginal possibly important, with cobble/gravel subs and riffle-pool, water	Marginal
CV-111	31.991	Medium	3.12	Important with riffle-pool habitat, great subs and close to larger waterbody,	Important
CV-110	32.220	Extra-Small	0.03	None, possibly marginal difficult to tell but drop may be too steep (very	None
CV-109	32.441	Extra-Small	0.11	None, possibly marginal difficult to tell but drop may be too steep (very	None
CV-108	32.513	Extra-Small	0.03	Marginal at best and only during spring in lower reaches, little water	None
CV-202	32.825	Small	0.67	Important with riffle-pool habitat, close distance to larger waterbody	Important
CV-107	33.091	Extra-Small	0.10	Marginal with riffle-pool habitat, relatively low gradient, gravel, and close to	Marginal
CV-106	33.170	Small	0.75	Marginal with riffle-pool habitat, relatively low gradient, gravel, and close to	Marginal
CV-105	33.307	Extra-Small	0.13	Marginal in spring, abundant pools but little water	Marginal
CV-104	33.794	Medium	5.20	See Appendix F	Marginal
CV-203	34.150	Small	0.65	Important with riffle-pool habitat, close distance to larger waterbody	Important
CV-204	35.154	Extra-Small	0.31	Marginal in spring, mostly cascade-riffle though, close to large waterbody	Marginal
CV-103	35.885	Extra-Small	0.10	Marginal in spring, mostly cascade-riffle though, close to large waterbody	Marginal
CV-102	36.029	Small	1.93	Important in spring possibly marginal later, mostly riffle-pool habitat, should	Important
CV-101	36.954	Extra-Small	0.20	Marginal in spring, abundant pools and close to large waterbody but little	Marginal
CV-100	37.052	Extra-Small	0.14	Marginal at best and only during spring in lower reaches, little water	None
CV-099	37.840	Large	28.56	See Appendix F	Important
CV-098	38.525	Medium	2.84	Marginal borderline important in spring, mostly pool habitat with some	Marginal
CV-097	39.028	Extra-Small	0.02	Marginal in spring, cobble/gravel/veg, with abundant pools but little water	Marginal
CV-096	40.967	Extra-Small	0.18	Marginal at best and only during spring in lower reaches, little water	None
CV-094	41.613	Large	10.01	Marginal, possibly important, high gradient but with cobble/gravel subs and	Marginal
CV-093	42.215	Small	0.88	See Appendix F	None
CV-092	42.949	Medium	3.45	See Appendix F	None
CV-091	42.962	Medium	3.45	Marginal, possibly important in spring in lower reaches, lowish gradient with	Marginal
CV-205	43.871	Extra-Small	0.06	None, possibly marginal difficult to tell but drop may be too steep (very	None
CV-095	43.871	Extra-Small	0.12	See Appendix F	None
CV-090	44.832	Small	0.86	None, possibly marginal difficult to tell but drop may be too steep (very	None
CV-089	45.016	Extra-Small	0.24	None, possibly marginal difficult to tell but drop may be too steep (very	None

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Crossing ID	Road Chainage (km)	Size Category	Area (m <sup>2</sup> )	Habitat Description	Fish Habitat Ranking
CV-088	45.991	Extra-Small	0.09	Marginal in spring, cobble/gravel subs, little water though so pool habitat	Marginal
CV-087	46.225	Large	9.87	See Appendix F	Important
CV-086	46.300	Small	0.59	Marginal in spring, cobble/gravel subs, little water though so pool habitat	Marginal
CV-085	46.424	Small	0.88	Marginal at best and only during spring in lower reaches, mostly riffle habitat	None
CV-084	47.045	Extra-Small	0.47	None, possibly marginal difficult to tell but drop may be too steep (very	None
CV-083	47.644	Small	0.96	Marginal at best and only during spring in lower reaches, mostly riffle habitat	None
CV-206	49.031	Extra-Small	0.37	Marginal at best and only during spring in lower reaches, habitat suitable for	None
CV-082	49.656	Small	0.53	Marginal in spring, cobble/gravel/veg, riffle-pool, little water though so pool	Marginal
CV-081	49.792	Extra-Small	0.42	Marginal in spring, cobble/gravel subs, little water though so pool habitat	Marginal
CV-080	49.929	Extra-Small	0.43	Marginal at best and only during spring in lower reaches, habitat suitable for	None
CV-079	50.599	Large	13.50	Important with riffle-pool habitat, low gradient, great subs and close to larger	Important
CV-207	50.762	Extra-Small	0.27	Marginal at best and only during spring in lower reaches, habitat suitable for	None
CV-078	51.172	Large	19.44	See Appendix F	Important
CV-077	52.091	Extra-Small	0.43	Marginal at best and only during spring in lower reaches, close to waterbody	None
CV-076	53.028	Small	1.19	Marginal possibly important in spring, low gradient with cobble/gravel subs,	Marginal
CV-075	53.336	Small	1.06	Marginal in spring, low gradient with cobble/gravel subs, little water though	Marginal
CV-074	53.764	Extra-Small	0.04	Marginal in spring, low gradient with cobble/gravel subs, little water though	Marginal
CV-073	53.842	Extra-Small	0.03	Marginal in spring, low gradient with cobble/gravel subs, little water though	Marginal
CV-072	53.878	Large	13.50	Important with riffle-pool habitat, low gradient, great subs and close to larger	Important
CV-071	54.144	Extra-Small	0.12	Marginal at best and only during spring in lower reaches, close to waterbody	None
CV-070	54.173	Extra-Small	0.15	None, appears to have little or no water even in spring	None
CV-069	54.669	Extra-Small	0.09	None, appears to have little or no water even in spring	None
CV-068	54.861	Extra-Small	0.21	None, appears to have little or no water even in spring and relatively steep	None
CV-067	55.197	Extra-Small	0.05	Marginal at best and only during spring in lower reaches, close to waterbody	None
CV-066	55.383	Extra-Small	0.04	None, appears to have little or no water even in spring and relatively steep	None
CV-065	55.401	Extra-Small	0.04	Marginal at best and only during spring in lower reaches, close to waterbody	None
CV-064	55.469	Extra-Small	0.20	Marginal at best and only during spring in lower reaches, close to waterbody	None
CV-063	55.524	Extra-Small	0.05	Marginal in spring similar habitat to other fishbearing sites, low gradient,	Marginal
CV-062	55.692	Extra-Small	0.47	Marginal at best and only during spring in lower reaches, substrate cobble,	None
CV-061	57.761	Extra-Small	0.19	Marginal in spring similar habitat to other fishbearing sites, low gradient,	Marginal



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Crossing ID	Road Chainage (km)	Size Category	Area (m <sup>2</sup> )	Habitat Description	Fish Habitat Ranking
CV-060	58.853	Medium	5.26	See Appendix F	Important
CV-059	59.960	Small	0.75	Marginal in spring similar habitat to other fishbearing sites, low gradient,	Marginal
CV-058	60.523	Small	2.42	Marginal in spring similar habitat to other fishbearing sites, low gradient,	Marginal
CV-057	60.714	Small	0.56	See Appendix F	Important
CV-056	61.810	Extra-Small	0.06	None, appears to have little or no water even in spring and steep drop d/s of	None
CV-055	61.904	Extra-Small	0.04	See Appendix F	None
CV-054	62.018	Extra-Small	0.07	Marginal at best and only during spring in lower reaches, substrate cobble,	None
CV-053	62.117	Extra-Small	0.11	None, appears to have little or no water even in spring and steep drop d/s of	None
CV-052	62.332	Extra-Small	0.19	None, appears to have little or no water even in spring and steep drop d/s of	None
CV-051	62.390	Extra-Small	0.10	None, appears to have little or no water even in spring and steep drop d/s of	None
CV-050	62.495	Extra-Small	0.05	None, appears to have little or no water even in spring and steep drop d/s of	None
BG-50	62.836	Extra-Large	197.80	See Appendix F	Important
CV-049	63.303	Large	11.98	See Appendix F	Important
CV-048	64.312	Large	8.54	Important with riffle-pool habitat, low gradient, though relatively few large-	Important
CV-208	64.672	Extra-Small	0.03	None, possibly marginal difficult to tell but drop may be too steep to be	None
CV-209	64.847	Extra-Small	0.03	None, possibly marginal difficult to tell but drop may be too steep to be	None
CV-047	66.427	Medium	4.11	Marginal borderline important in spring, riffle-pool habitat with some boggy	Marginal
CV-046	66.489	Small	2.29	Marginal possibly important at least in spring with mostly cobble/boulder	Marginal
CV-045	66.873	Extra-Small	0.02	None, possibly marginal difficult to tell but drop may be too steep to be	None
CV-044	67.036	Extra-Small	0.17	None, possibly marginal difficult to tell but drop may be too steep to be	None
CV-043	67.472	Small	1.52	Marginal at best and only during spring in lower reaches, substrate cobble,	None
CV-042	69.294	Extra-Small	0.05	Marginal at best and only during spring in lower reaches, substrate cobble,	None
CV-041	69.369	Extra-Small	0.08	Marginal at best and only during spring in lower reaches, apparently low	None
CV-210	71.871	Extra-Small	0.02	Marginal at best and only during spring in lower reaches, apparently low	None
CV-040	72.263	Large	12.02	See Appendix F	Marginal
CV-039	72.845	Extra-Small	0.20	Marginal in spring, riffle-pool habitat, probably dries by summer, unknown	Marginal
CV-038	72.943	Extra-Small	0.01	Marginal in spring, riffle-pool habitat, probably dries by summer, unknown	Marginal
CV-037	73.105	Extra-Small	0.12	Marginal in spring, riffle-pool habitat, probably dries by summer, unknown	Marginal
CV-036	73.351	Extra-Small	0.13	Marginal in spring, riffle-pool habitat, probably dries by summer, unknown	Marginal
CV-211	73.779	Extra-Small	0.12	Marginal in spring, pool habitat but little water so probably dries up,	None

**TABLE G.3**

**BAFFINLAND IRON MINES CORPORATION  
MARY RIVER PROJECT**

**BULK SAMPLING PROGRAM ENVIRONMENTAL SCREENING DOCUMENT**

**FISH HABITAT RANKINGS AT WATERCOURSE CROSSINGS**

Crossing ID	Road Chainage (km)	Size Category	Area (m <sup>2</sup> )	Habitat Description	Fish Habitat Ranking
CV-212	74.410	Extra-Small	0.19	Marginal in spring, pool habitat but little water so probably dries up,	None
CV-033	75.783	Extra-Small	0.04	None, appears to have little or no water even in spring	None
BG-33	77.025	Extra-Small	0.14	Marginal possibly important in spring and into summer, water levels	Marginal
CV-031	77.219	Extra-Small	0.02	Marginal in spring, pool habitat but little water so probably dries up,	None
CV-032	77.343	Extra-Small	0.23	None, appears to have little or no water even in spring	None
CV-030	77.503	Small	1.27	Marginal possibly important, abundant pool habitat, low gradient, and	Marginal
BG-32	78.163	Large	11.47	Important with riffle-pool habitat, low gradient, though relatively few large-	Important
CV-213	78.401	Extra-Small	0.30	Marginal at best and only during spring, substrate unknown, higher gradient,	None
CV-214	78.877	Extra-Small	0.51	Marginal at best and only during spring, substrate unknown, higher gradient,	None
CV-215	79.575	Small	0.76	Marginal at best and only during spring, substrate unknown, higher gradient,	None
CV-217	79.824	Extra-Large	194.10	See Appendix F	Important
CV-216	80.647	Large	13.32	See Appendix F	Important
BG-31	82.076	Extra-Small	0.11	Marginal at best in spring, lower reaches only, high gradient, water levels	None
CV-023	83.169	Small	1.10	Marginal in spring, pool habitat but little water so probably dries up	None
BG-30	84.636	Small	1.06	Marginal in spring, may not have sufficient pool habitat for significant	None
BG-29	84.805	Small	0.98	Marginal at best in spring, lower reaches only, low gradient, some pools but	None
CV-022	85.062	Extra-Small	0.07	None, possibly marginal difficult to tell (because of snow cover) if drop is too	None
CV-021	85.079	Extra-Small	0.16	Marginal, abundant pool habitat, low gradient, and vegetation resemble	None
CV-020	85.614	Extra-Small	0.01	None, possibly marginal in spring though relatively little water already	None
CV-019	85.763	Extra-Small	0.03	Marginal at best and only during spring in lower reaches, apparently low	None
CV-018	85.813	Extra-Small	0.02	None, possibly marginal in spring though relatively little water already and	None
CV-017	85.891	Extra-Small	0.02	Marginal at best and only during spring in lower reaches, apparently low	None
BG-28	86.263	Extra-Small	0.17	See Appendix F	None
CV-016	86.434	Extra-Small	0.13	None, possibly marginal in spring though relatively little water already	None
BG-27	86.606	Small	0.55	See Appendix F	Marginal
CV-015	86.765	Extra-Small	0.05	Marginal at best and only during spring, close to major waterbody, low	None
CV-014	86.834	Extra-Small	0.07	Marginal at best and only during spring, close to major waterbody, low	None
CV-013	86.934	Extra-Small	0.03	None, seems to have impassable steep rocky barrier d/s of crossing	None
BG-26	86.978	Extra-Small	0.01	Marginal at best in spring, lower reaches only, habitat seems similar to	None
BG-25	87.054	Extra-Small	0.01	Marginal at best in spring, lower reaches only, habitat seems similar to	None

**TABLE G.3**

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**FISH HABITAT RANKINGS AT WATERCOURSE CROSSINGS**

Crossing ID	Road Chainage (km)	Size Category	Area (m <sup>2</sup> )	Habitat Description	Fish Habitat Ranking
CV-218	87.617	Extra-Small	0.08	Marginal at best in spring, lower reaches only, habitat seems similar to	None
BG-24	87.710	Medium	5.51	See Appendix F	Important
BG-23	87.784	Extra-Small	0.02	Marginal in spring though still frozen at the end of June, lower reaches only,	None
CV-012	88.171	Extra-Small	0.03	None, seems to have impassable steep rocky barrier d/s of crossing	None
CV-011	88.232	Extra-Small	0.05	None, seems to have impassable steep rocky barrier d/s of crossing	None
CV-010	88.316	Extra-Small	0.07	None, seems to have impassable steep rocky barrier d/s of crossing	None
CV-009	88.896	Extra-Small	0.17	Marginal at best and only during spring, close to major waterbody, low	None
BG-22	89.275	Extra-Small	0.14	Marginal at best and only during spring, close to major waterbody, low	None
BG-21	89.415	Extra-Small	0.04	Marginal at best and only during spring, close to major waterbody, low	None
BG-20	89.512	Extra-Small	0.02	Marginal at best and only during spring, close to major waterbody but may	None
CV-008	89.696	Extra-Small	0.07	Marginal at best and only during spring, close to major waterbody, low	None
BG-19	89.815	Extra-Small	0.19	Marginal at best and only during spring, close to major waterbody, low	None
BG-18	90.092	Extra-Small	0.04	Marginal at best and only during spring, close to major waterbody, low	None
BG-17	90.168	Large	13.77	See Appendix F	Important
BG-16	90.218	Extra-Small	0.06	See Appendix F	None
BG-15	90.331	Extra-Small	0.02	Marginal at best and only during spring, substrate unknown, higher gradient,	None
BG-14	90.389	Extra-Small	0.01	Marginal at best and only during spring, substrate unknown, higher gradient,	None
CV-007	90.670	Extra-Small	0.03	None, possibly marginal in spring though relatively little water already with	None
BG-13	90.995	Extra-Small	0.03	Marginal in spring, lower reaches only, sand-gravel, riffle-pool habitat,	Marginal
CV-006	91.092	Extra-Small	0.06	Marginal in spring possibly into summer, lower reaches only, habitat similar	Marginal
BG-12	91.394	Extra-Small	0.05	Marginal at best and only during spring, substrate mostly sand it seems,	None
CV-005	91.513	Extra-Small	0.06	Marginal at best and only during spring, close to major waterbody, higher	None
BG-11	91.601	Extra-Small	0.05	Marginal in spring though still frozen at the end of June, lower reaches only,	None
BG-10	91.705	Extra-Small	0.04	None, possibly marginal in spring though gradient is relatively steep and	None
BG-09	91.890	Extra-Small	0.05	Marginal in spring though still frozen at the end of June, lower reaches only,	None
CV-219	92.093	Extra-Small	0.05	None, possibly marginal in spring though gradient is relatively steep and	None
CV-220	92.207	Extra-Small	0.05	None, possibly marginal in spring though gradient is relatively steep and	None
CV-221	92.288	Extra-Small	0.04	None, possibly marginal in spring though gradient is relatively steep and	None
BG-08	92.514	Extra-Small	0.08	Marginal in spring though still frozen at the end of June, lower reaches only,	None
CV-004	92.660	Extra-Small	0.09	Marginal at best and only during spring in lower reaches, close to major	None



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**FISH HABITAT RANKINGS AT WATERCOURSE CROSSINGS**

Crossing ID	Road Chainage (km)	Size Category	Area (m <sup>2</sup> )	Habitat Description	Fish Habitat Ranking
CV-003	92.908	Extra-Small	0.07	None, appears to have relatively steep drop d/s from xing and almost no	None
BG-07	93.123	Extra-Small	0.08	Marginal at best and only during spring, close to major waterbody, low	None
CV-002	93.199	Extra-Small	0.09	Marginal at best and only during spring, close to major waterbody, low	None
BG-04	94.148	Medium	6.85	Important unless there are downstream barriers, gravel-cobble, riffle-pool	Important
CV-001	94.728	Small	1.64	Important in spring and into summer, water levels relatively high, riffle-pool	Important
CV-222	95.216	Extra-Small	0.02	None, possibly marginal in spring	None
BG-03	95.735	Extra-Small	0.44	Marginal in spring, very little water, likely dries up by mid-late summer,	None
BG-02	96.041	Extra-Small	0.07	None, possibly marginal in spring	None
CV-223	97.230	Extra-Large	244.10	See Appendix F	Important
CV-224	97.758	Medium	2.83	See Appendix F	Important
CV-225	99.033	Large	12.18	See Appendix F	Important
BG-01	99.676	Medium	5.61	See Appendix F	Important
CV-184	101.557	Extra-Small	0.01	None, appears to have little or no water even in spring	None
CV-185	101.764	Extra-Small	0.01	None, appears to have little or no water even in spring	None
CV-226	102.569	Small	1.55	Marginal possibly important, low gradient	Marginal
CV-186	102.812	Extra-Small	0.10	Marginal at best and only during spring unknown distance to large	None
CV-187	103.078	Small	0.91	Important with riffle-pool habitat, close distance to larger waterbody	Important
CV-188	104.701	Extra-Small	0.13	Marginal nice pool habitat, but water a little low and unknown distance to	Marginal
CV-189	105.342	Extra-Small	0.01	Marginal in spring nice pool habitat, but water a little low and unknown	Marginal
CV-190	105.454	Extra-Small	0.01	None, possibly marginal but very little water	None
CV-191	106.047	Extra-Small	0.04	None, appears to have little or no water even in spring	None
CV-192	106.189	Extra-Small	0.04	None, appears to have little or no water even in spring	None
CV-193	106.216	Extra-Small	0.02	Marginal at best and only during spring unknown distance to large	None
CV-194	106.430	Extra-Small	0.03	Marginal at best and only during spring unknown distance to large	None

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29-Nov-06