

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 1. Receiving Environment Surface Water Physical and Routine Parameters (2005-2007)

STATION	DATE	Color CU	Conductivity-L µS/cm	Hardnes s mg/L	Ammonia mg/L	pH-F pH unit	Sulfate mg/L	TSS mg/L	Turbidity NTU
P2	27-Sep-07		294	153	< 0.005	7.9	54.5	5	
P2	24-Oct-07		352	176	< 0.005	8	62.9	8	
P2	22-Nov-07		380	214	0.023	7.69	68.2	1	
P2	14-Dec-07		390	213	0.026	8.63	62.6	< 1	
P2	Total # samples		4	4	4	4	4	4	
P2	MEAN		354	189	0.01	8.055	62.05	3.625	
P2	Median		366	194.5	0.01	7.95	62.75	3	
P2	STD		43.11	29.81	0.01	0.40	5.65	3.54	
P2	MINIMUM		294	153	< 0.005	7.69	54.5	< 1	
P2	MAXIMUM		390	214	0.026	8.63	68.2	8	
P2	# samples < MDL		0	0	2	0	0	1	
P2	% samples < MDL		0	0	50	0	0	25	
P2	Maximum MDL				< 0.005			< 1	
P2	25th Percentile		337.5	170.25	0.002	7.847500014	60.58	0.875	
P2	75th Percentile		382.5	213.25	0.024	8.1575	64.23	5.75	
P3	26-Sep-07		293	156	< 0.005	7.47	53.3	8	
P3	24-Oct-07		349	173	< 0.005	7.46	59.8	3	
P3	22-Nov-07		360	200	0.006	7.17	57.4	3	
P3	14-Dec-07		380	200	0.007	8.16	58.4	< 1	
P3	Total # samples		4	4	4	4	4	4	
P3	MEAN		345.5	182.25	0.0045	7.57	57.23	3.625	
P3	Median		354.5	186.5	0.00	7.47	57.9	3	
P3	STD		37.28	21.639	0.0023	0.42	2.80	3.1458	
P3	MINIMUM		293	156	< 0.005	7.17	53.3	< 1	
P3	MAXIMUM		380	200	0.007	8.16	59.8	8	
P3	# samples < MDL		0	0	2	0	0	1	
P3	% samples < MDL		0	0	50	0	0	25	
P3	Maximum MDL				< 0.005			< 1	
P3	25th Percentile		335	168.75	0.002	7.387500019	56.37499981	2.375	
P3	75th Percentile		365	200	0.006	7.642499843	58.75000114	4.25	
P4	26-Sep-07		271	142	< 0.005	8.01	45.4	4	
P4	24-Oct-07		351	173	< 0.005	8.41	60.1	7	
P4	22-Nov-07		370	187	0.025	7.16	61.2	1	
P4	14-Dec-07		390	209	0.008	8.07	61.1	< 1	
P4	Total # samples		4	4	4	4	4	4	
P4	MEAN		345.5	177.75	0.0095	7.9125	56.95	3.125	
P4	Median		360.5	180	0.00525	8.04	60.6	2.5	
P4	STD		52.1568	28.0639	0.0107	0.5317	7.716	3.0104	
P4	MINIMUM		271	142	< 0.005	7.16	45.4	< 1	
P4	MAXIMUM		390	209	0.025	8.41	61.2	7	
P4	# samples < MDL		0	0	2	0	0	1	
P4	% samples < MDL		0	0	50	0	0	25	

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STATION	DATE	Color CU	Conductivity-L µS/cm	Hardnes s mg/L	Ammonia mg/L	pH-F pH unit	Sulfate mg/L	TSS mg/L	Turbidity NTU
P4	Maximum MDL				< 0.005			< 1	
P4	25th Percentile		331	165.25	0.002	7.797499962	56.42500038	0.875	
P4	75th Percentile		375	192.5	0.012	8.154999771	61.12499886	4.75	
R4	29-Mar-05	< 5	386	258	< 0.01	7.6	81.6	1	0.34
R4	17-Aug-05	5	302	184	0.02	7.9	77.6	3	0.67
R4	21-Feb-06	< 5	489	250	0.01	7.7	127	< 1	0.26
R4	7-Aug-06	7	330	150	0.02	8	74.9	< 1	0.45
R4	20-Feb-07	< 5	514	262	0.02	8.4	126	< 1	0.19
R4	17-Aug-07	< 5	380	180	0.04	8	113	< 1	0.43
R4	26-Sep-07		238	117	< 0.005	8.15	26.4	1	
R4	24-Oct-07		497	233	0.042	8.21	125	< 1	
R4	22-Nov-07		370	181	0.014	7.3	69.6	< 1	
R4	14-Dec-07		420	213	0.016	7.27	77.6	1	
R4	Total # samples	6	10	10	10	10	10	10	6
R4	Median	2.5	383	199	0.018	7.95	79.6	0.5	0.385
R4	MEAN	3.67	393	203	0.0190	7.85	89.9	0.9	0.39
R4	STD	1.91	89.7	48.6	0.0131	0.38	32.5	0.775	0.169
R4	MINIMUM	< 5	238	117	< 0.005	7.27	26.4	< 1	0.19
R4	MAXIMUM	7	514	262	0.042	8.4	127	3	0.67
R4	# samples < MDL	4	0	0	2	0	0	6	0
R4	% samples < MDL	67	0	0	20	0	0	60	0
R4	Maximum MDL	< 5			< 0.01			< 1	
R4	25th Percentile	2.5	340	180	0.011	7.62	75.6	0.5	0.28
R4	75th Percentile	4.38	472	246	0.02	8.11	122	1	0.45
R5	29-Mar-05	< 5	383	272	< 0.01	7.5	80.3	< 1	0.47
R5	17-Aug-05	5	252	159	< 0.01	8.3	27.9	3	0.46
R5	7-Aug-06	< 5	279	141	< 0.01	8.1	21.7	< 1	0.46
R5	17-Aug-07	7	270	135	< 0.01	8.1	25.2	< 1	0.4
R5	Total # samples	4	4	4	4	4	4	4	4
R5	Median	3.75	275	150	0.005	8.1	26.6	0.5	0.46
R5	MEAN	4.25	296	177	0.005	8.0	38.8	1.13	0.448
R5	STD	2.18	59.1	64.3	0	0.35	27.8	1.25	0.032
R5	MINIMUM	< 5	252	135	< 0.01	7.5	21.7	< 1	0.4
R5	MAXIMUM	7	383	272	< 0.01	8.3	80.3	3	0.47
R5	# samples < MDL	2	0	0	4	0	0	3	0
R5	% samples < MDL	50	0	0	100	0	0	75	0
R5	Maximum MDL	< 5			< 0.01			< 1	
R5	25th Percentile	2.5	266	140	0.005	7.95	24.3	0.5	0.445
R5	75th Percentile	5.5	305	187	0.005	8.15	41.0	1.125	0.463
R11	29-Mar-05	< 5	383	290	< 0.01	7.4	81.9	< 1	0.27
R11	17-Aug-05	5	245	147	0.02	7.5	38.6	4	2.1
R11	21-Feb-06	< 5	355	182	0.02	7.9	48.7	< 1	0.3

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STATION	DATE	Color CU	Conductivity-L µS/cm	Hardnes s mg/L	Ammonia mg/L	pH-F pH unit	Sulfate mg/L	TSS mg/L	Turbidity NTU
R11	7-Aug-06	< 5	283	137	< 0.01	8	40.7	2	1.5
R11	20-Feb-07	< 5	337	185	0.03	8.2	47.9	< 1	0.3
R11	17-Aug-07	7	285	135	< 0.01	8	50.4	< 1	0.67
R11	Total # samples	6	6	6	6	6	6	6	6
R11	Median	2.5	311	165	0.0125	7.95	48.3	0.5	0.485
R11	MEAN	3.67	315	179	0.0142	7.83	51.4	1.33	0.857
R11	STD	1.91	52.0	58.5	0.0107	0.31	15.7	1.44	0.769
R11	MINIMUM	< 5	245	135	< 0.01	7.4	38.6	< 1	0.27
R11	MAXIMUM	7	383	290	0.03	8.2	81.9	4	2.1
R11	# samples < MDL	4	0	0	3	0	0	4	0
R11	% samples < MDL	67	0	0	50	0	0	67	0
R11	Maximum MDL	< 5			< 0.01			< 1	
R11	25th Percentile	2.5	284	140	0.005	7.6	42.5	0.5	0.30
R11	75th Percentile	4.38	351	184	0.02	8	50.0	1.63	1.29

Notes:

Statistics calculated for stations with 3 or more values in a dataset.

DL: Method Detection Limit

Method Detection Limit set to 1/2 method detection limit for statistical calculations

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Table 2. Receiving Environment Total Metals (2005-2007)

STATION	DATE	AG-T mg/L	AL-T mg/L	AS-T mg/L	BA-T mg/L	BE-T mg/L	BI-T mg/L	B-T mg/L	CA-T mg/L	CD-T mg/L	CN-T mg/L	CO-T mg/L	CR-T mg/L	CU-T mg/L	FE-T mg/L
P2	27-Sep-07	< 0.000005	0.131	0.0002	0.0753	< 0.00001	< 0.000005	< 0.005	39.5	0.00015		0.00014	0.0003	0.0013	0.247
P2	24-Oct-07	< 0.000005	0.051	0.00054	0.0797	< 0.00001	< 0.000005	< 0.005	45.8	0.000204		0.000112	0.0001	0.00101	0.21
P2	22-Nov-07	< 0.000005	0.0315	0.00042	0.0894	< 0.00001	< 0.000005	< 0.005	55.2	0.000179		0.00004	0.0002	0.00108	0.076
P2	14-Dec-07	< 0.000005	0.0093	0.00031	0.0906	< 0.00001	< 0.000005	< 0.005	55.6	0.000179		0.000038	< 0.0001	0.00088	0.041
P2	Total # samples	4	4	4	4	4	4	4	4	4		4	4	4	4
P2	MEAN	0.0000025	0.0557	0.0003675	0.08375	0.000005	0.0000025	0.0025	49.025	0.000178		0.00008	0.0001625	0.0010675	0.1435
P2	Median	0.0000025	0.04125	0.000365	0.08455	0.000005	0.0000025	0.0025	50.5	0.000179		0.000076	0.00015	0.001045	0.143
P2	STD	0	0.053	0.0001	0.0075	0	0	0	7.7993	0		0.0001	0.0001	0.0002	0.1003
P2	MINIMUM	< 0.000005	0.0093	0.0002	0.0753	< 0.00001	< 0.000005	< 0.005	39.5	0.00015		0.000038	< 0.0001	0.00088	0.041
P2	MAXIMUM	< 0.000005	0.131	0.00054	0.0906	< 0.00001	< 0.000005	< 0.005	55.6	0.000204		0.00014	0.0003	0.0013	0.247
P2	# samples < MDL	4	0	0	0	4	4	4	0	0		0	1	0	0
P2	% samples < MDL	100	0	0	0	100	100	100	0	0		0	25	0	0
P2	Maximum MDL	< 0.000005				< 0.00001	< 0.000005	< 0.005					< 0.0001		
P2	25th Percentile	0.000002	0.0260	0.00028	0.0786	0.000005	0.000002	0.00250	44.225	0.00017		0.000039	0.000087	0.00098	6.73E-02
P2	75th Percentile	0.000002	0.0710	0.00045	0.0897	0.000005	0.000002	0.00250	55.30000057	0.00019		0.00012	0.00022	0.0011	0.219249995
P3	26-Sep-07	< 0.000005	0.177	0.0002	0.0787	< 0.00001	< 0.000005	< 0.005	40.9	0.00011		0.00019	0.0023	0.0014	0.261
P3	24-Oct-07	< 0.000005	0.0461	0.00049	0.0782	< 0.00001	< 0.000005	< 0.005	45.4	0.000145		0.00007	< 0.0001	0.0008	0.145
P3	22-Nov-07	< 0.000005	0.0131	0.00042	0.0974	< 0.00001	< 0.000005	< 0.005	55.8	0.000082		0.000039	0.0001	0.00079	0.05
P3	14-Dec-07	< 0.000005	0.0069	0.00033	0.0904	< 0.00001	< 0.000005	< 0.005	54.4	0.000129		0.000032	0.0001	0.00121	0.027
P3	Total # samples	4	4	4	4	4	4	4	4	4		4	4	4	4
P3	MEAN	0.0000025	0.060775	0.00036	0.086175	0.000005	0.0000025	0.0025	49.125	0.0001165		0.000083	0.0006375	0.00105	0.12075
P3	Median	0.0000025	0.0296	0.000375	0.08455	0.000005	0.0000025	0.0025	49.9	0.0001195		0.000055	0.0001	0.001005	0.0975
P3	STD	0	0.0794	0.0001	0.0094	0	0	0	7.1626	0		0.0001	0.0011	0.0003	0.1065
P3	MINIMUM	< 0.000005	0.0069	0.0002	0.0782	< 0.00001	< 0.000005	< 0.005	40.9	0.000082		0.000032	< 0.0001	0.00079	0.027
P3	MAXIMUM	< 0.000005	0.177	0.00049	0.0974	< 0.00001	< 0.000005	< 0.005	55.8	0.000145		0.00019	0.0023	0.0014	0.261
P3	# samples < MDL	4	0	0	0	4	4	4	0	0		0	1	0	0
P3	% samples < MDL	100	0	0	0	100	100	100	0	0		0	25	0	0
P3	Maximum MDL	< 0.000005				< 0.00001	< 0.000005	< 0.005					< 0.0001		
P3	25th Percentile	0.000002	0.0115	0.00030	0.0786	0.000005	0.000002	0.0025	44.27500038	0.00010		0.000037	0.000087	0.00080	0.0443
P3	75th Percentile	0.000002	0.0788	0.00044	0.0922	0.000005	0.000002	0.0025	54.75000114	0.00013		0.00010	0.00065	0.0013	0.173999997
P4	26-Sep-07	< 0.000005	0.097	0.0002	0.0681	< 0.00001	< 0.000005	< 0.005	38.2	0.00009		0.0001	0.0007	0.0013	0.199
P4	24-Oct-07	< 0.000005	0.0456	0.00053	0.0795	< 0.00001	< 0.000005	< 0.005	45.8	0.000177		0.000096	0.0001	0.00096	0.181
P4	22-Nov-07	< 0.000005	0.0174	0.00044	0.0925	< 0.00001	< 0.000005	< 0.005	51.8	0.000099		0.000033	< 0.0001	0.00085	0.057
P4	14-Dec-07	< 0.000005	0.0103	0.00036	0.0923	< 0.00001	< 0.000005	< 0.005	56	0.000147		0.000033	< 0.0001	0.00096	0.036
P4	Total # samples	4	4	4	4	4	4	4	4	4		4	4	4	4
P4	MEAN	0.0000025	0.042575	0.0003825	0.0831	0.000005	0.0000025	0.0025	47.95	0.00012825		0.000066	0.000225	0.0010175	0.11825
P4	Median	0.0000025	0.0315	0.0004	0.0859	0.000005	0.0000025	0.0025	48.8	0.000123		0.000065	0.000075	0.00096	0.119
P4	STD	0	0.0394	0.0001	0.0117	0	0	0	7.7311	0		0	0.0003	0.0002	0.0836
P4	MINIMUM	< 0.000005	0.0103	0.0002	0.0681	< 0.00001	< 0.000005	< 0.005	38.2	0.00009		0.000033	< 0.0001	0.00085	0.036

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STATION	DATE	HG-T mg/L	K-T mg/L	LI-T mg/L	MG-T mg/L	MN-T mg/L	MO-T mg/L	NA-T mg/L	NI-T mg/L	PB-T mg/L	P-T mg/L	SB-T mg/L	SE-T mg/L	SI-T mg/L
P2	27-Sep-07		0.664	0.0026	13.1	0.0196	0.00119	1.69	0.0049	0.00018	0.007	0.00037	0.0008	3.04
P2	24-Oct-07		0.69	0.0036	14.9	0.0267	0.00127	2.05	0.00479	0.000189	0.013	0.00018	0.00094	2.81
P2	22-Nov-07		0.91	0.0041	18.5	0.0114	0.00134	2.46	0.00469	0.000162	0.008	0.00022	0.00119	4.3
P2	14-Dec-07		0.86	0.0046	17.9	0.013	0.00119	2.41	0.00419	0.000106	0.006	0.0002	0.00118	3.84
P2	Total # samples		4	4	4	4	4	4	4	4	4	4	4	4
P2	MEAN		0.781	0.003725	16.1	0.017675	0.0012475	2.1525	0.0046425	0.00015925	0.0085	0.0002425	0.0010275	3.4975
P2	Median		0.775	0.00385	16.4	0.0163	0.00123	2.23	0.00474	0.000171	0.0075	0.00021	0.00106	3.44
P2	STD		0.1223	0.0009	2.5456	0.007	0.0001	0.3584	0.0003	0	0.0031	0.0001	0.0002	0.6936
P2	MINIMUM		0.664	0.0026	13.1	0.0114	0.00119	1.69	0.00419	0.000106	0.006	0.00018	0.0008	2.81
P2	MAXIMUM		0.91	0.0046	18.5	0.0267	0.00134	2.46	0.0049	0.000189	0.013	0.00037	0.00119	4.3
P2	# samples < MDL		0	0	0	0	0	0	0	0	0	0	0	0
P2	% samples < MDL		0	0	0	0	0	0	0	0	0	0	0	0
P2	Maximum MDL													
P2	25th Percentile		0.683499994	0.0034	14.4500001	0.0126	0.00119	1.960000014	0.0046	0.0001	0.0068	0.0002	0.0009	2.982499986
P2	75th Percentile		0.872500011	0.0042	18.04999971	0.0214	0.0013	2.422500064	0.0048	0.0002	0.0093	0.0003	0.0012	3.954999936
P3	26-Sep-07		0.769	0.0027	13	0.0201	0.00123	2.43	0.0046	0.00023	0.009	0.00016	0.0008	3.34
P3	24-Oct-07		0.73	0.0036	14.4	0.0189	0.00131	2.13	0.0039	0.000087	0.008	0.00019	0.00088	2.91
P3	22-Nov-07		1.3	0.0035	14.8	0.0095	0.00126	2.98	0.00233	0.000073	< 0.005	0.0002	0.00089	4.97
P3	14-Dec-07		1.13	0.0039	15.7	0.0122	0.00111	2.65	0.00302	0.000074	< 0.005	0.00021	0.00098	4
P3	Total # samples		4	4	4	4	4	4	4	4	4	4	4	4
P3	MEAN		0.98225	0.003425	14.475	0.015175	0.0012275	2.5475	0.0034625	0.000116	0.0055	0.00019	0.0008875	3.805
P3	Median		0.9495	0.00355	14.6	0.01555	0.001245	2.54	0.00346	0.000081	0.00525	0.000195	0.000885	3.67
P3	STD		0.278	0.0005	1.1236	0.0051	0.0001	0.3586	0.001	0.0001	0.0035	0	0.0001	0.8968
P3	MINIMUM		0.73	0.0027	13	0.0095	0.00111	2.13	0.00233	0.000073	< 0.005	0.00016	0.0008	2.91
P3	MAXIMUM		1.3	0.0039	15.7	0.0201	0.00131	2.98	0.0046	0.00023	0.009	0.00021	0.00098	4.97
P3	# samples < MDL		0	0	0	0	0	0	0	0	2	0	0	0
P3	% samples < MDL		0	0	0	0	0	0	0	0	50	0	0	0
P3	Maximum MDL										< 0.005			
P3	25th Percentile		0.759250005	0.0033	14.05	0.0115	0.0012	2.355000029	0.0028	0.000074	0.0025	0.0002	0.0009	3.232500021
P3	75th Percentile		1.172499996	0.0037	15.02500014	0.0192	0.0013	2.732500072	0.0041	0.000123	0.0083	0.0002	0.0009	4.2425
P4	26-Sep-07		0.78	0.0025	11.3	0.0226	0.00109	2.52	0.0031	0.00026	0.006	0.00013	0.0007	3.4
P4	24-Oct-07		0.78	0.0037	14.3	0.0267	0.00129	2.23	0.00383	0.000217	0.008	0.00018	0.0009	3.02
P4	22-Nov-07		1.07	0.0037	14.1	0.0111	0.00126	2.3	0.00268	0.000168	< 0.005	0.00021	0.0009	3.72
P4	14-Dec-07		0.99	0.0041	16.9	0.0145	0.00119	2.61	0.00358	0.000187	< 0.005	0.00022	0.00108	4.01
P4	Total # samples		4	4	4	4	4	4	4	4	4	4	4	4
P4	MEAN		0.905	0.0035	14.15	0.018725	0.0012075	2.415	0.0032975	0.000208	0.00475	0.000185	0.000895	3.5375
P4	Median		0.885	0.0037	14.2	0.01855	0.001225	2.41	0.00334	0.000202	0.00425	0.000195	0.0009	3.56
P4	STD		0.148	0.0007	2.2884	0.0072	0.0001	0.1794	0.0005	0	0.0027	0	0.0002	0.4255
P4	MINIMUM		0.78	0.0025	11.3	0.0111	0.00109	2.23	0.00268	0.000168	< 0.005	0.00013	0.0007	3.02

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 2. Receiving Environment Total Metals (2005-2007)

STATION	DATE	SN-T mg/L	SR-T mg/L	TI-T mg/L	TL-T mg/L	U-T mg/L	V-T mg/L	ZN-T mg/L	ZR-T mg/L
P2	27-Sep-07	0.00007	0.165	0.0022	< 0.000002	0.00123	0.00067	0.0179	0.00035
P2	24-Oct-07	< 0.00001	0.201	0.0016	0.000004	0.00169	< 0.0002	0.0149	0.0001
P2	22-Nov-07	0.00002	0.228	0.0009	0.000004	0.00191	< 0.0002	0.0174	< 0.0001
P2	14-Dec-07	0.00002	0.234	< 0.0005	0.000004	0.00189	< 0.0002	0.0238	< 0.0001
P2	Total # samples	4	4	4	4	4	4	4	4
P2	MEAN	0.000029	0.207	0.0012375	0.00000325	0.00168	0.0002425	0.0185	0.0001375
P2	Median	0.00002	0.2145	0.00125	0.000004	0.00179	0.0001	0.01765	0.000075
P2	STD	0	0.0315	0.0008	0	0.0003	0.0003	0.0038	0.0001
P2	MINIMUM	< 0.00001	0.165	< 0.0005	< 0.000002	0.00123	< 0.0002	0.0149	< 0.0001
P2	MAXIMUM	0.00007	0.234	0.0022	0.000004	0.00191	0.00067	0.0238	0.00035
P2	# samples < MDL	1	0	1	1	0	3	0	2
P2	% samples < MDL	25	0	25	25	0	75	0	50
P2	Maximum MDL	< 0.00001		< 0.0005	< 0.000002		< 0.0002		< 0.0001
P2	25th Percentile	0.000016	0.192000002	0.0007	0.000003	0.0016	0.000100	0.0168	0.000050
P2	75th Percentile	0.000032	0.2295	0.0017	0.000004	0.0019	0.000242	0.0194	0.000162
P3	26-Sep-07	< 0.00001	0.171	0.0077	< 0.000002	0.00133	0.00066	0.0144	0.0002
P3	24-Oct-07	< 0.00001	0.196	0.0015	0.000003	0.00171	< 0.0002	0.0101	< 0.0001
P3	22-Nov-07	0.00001	0.198	< 0.0005	0.000004	0.00188	< 0.0002	0.0063	< 0.0001
P3	14-Dec-07	0.00002	0.209	< 0.0005	0.000003	0.00189	< 0.0002	0.0145	< 0.0001
P3	Total # samples	4	4	4	4	4	4	4	4
P3	MEAN	0.00001	0.1935	0.002425	0.00000275	0.0017025	0.00024	0.011325	0.000088
P3	Median	0.000008	0.197	0.000875	0.000003	0.001795	0.0001	0.01225	0.00005
P3	STD	0	0.0161	0.0036	0	0.0003	0.0003	0.0039	0.0001
P3	MINIMUM	< 0.00001	0.171	< 0.0005	< 0.000002	0.00133	< 0.0002	0.0063	< 0.0001
P3	MAXIMUM	0.00002	0.209	0.0077	0.000004	0.00189	0.00066	0.0145	0.0002
P3	# samples < MDL	2	0	2	1	0	3	0	3
P3	% samples < MDL	50	0	50	25	0	75	0	75
P3	Maximum MDL	< 0.00001		< 0.0005	< 0.000002		< 0.0002		< 0.0001
P3	25th Percentile	0.000005	0.189750001	0.0003	0.000002	0.0016	0.0001	0.0092	0.000050
P3	75th Percentile	0.000012	0.200749999	0.0031	0.000003	0.0019	0.0002	0.0144	0.000087
P4	26-Sep-07	< 0.00001	0.145	0.002	< 0.000002	0.00136	0.0005	0.014	0.00018
P4	24-Oct-07	< 0.00001	0.196	0.0011	0.000004	0.00175	< 0.0002	0.0107	< 0.0001
P4	22-Nov-07	< 0.00001	0.208	< 0.0005	0.000003	0.00196	0.0003	0.0078	< 0.0001
P4	14-Dec-07	0.00002	0.222	< 0.0005	0.000004	0.00203	< 0.0002	0.0175	< 0.0001
P4	Total # samples	4	4	4	4	4	4	4	4
P4	MEAN	0.000009	0.19275	0.0009	0.000003	0.001775	0.00025	0.0125	0.000083
P4	Median	0.000005	0.202	0.000675	0.0000035	0.001855	0.0002	0.01235	0.000050
P4	STD	0	0.0336	0.0008	0	0.0003	0.0002	0.0042	0.0001
P4	MINIMUM	< 0.00001	0.145	< 0.0005	< 0.000002	0.00136	< 0.0002	0.0078	< 0.0001

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 2. Receiving Environment Total Metals (2005-2007)

STATION	DATE	AG-T mg/L	AL-T mg/L	AS-T mg/L	BA-T mg/L	BE-T mg/L	BI-T mg/L	B-T mg/L	CA-T mg/L	CD-T mg/L	CN-T mg/L	CO-T mg/L	CR-T mg/L	CU-T mg/L	FE-T mg/L
P4	MAXIMUM	< 0.000005	0.097	0.00053	0.0925	< 0.00001	< 0.000005	< 0.005	56	0.000177		0.0001	0.0007	0.0013	0.199
P4	# samples < MDL	4	0	0	0	4	4	4	0	0		0	2	0	0
P4	% samples < MDL	100	0	0	0	100	100	100	0	0		0	50	0	0
P4	Maximum MDL	< 0.000005				< 0.00001	< 0.000005	< 0.005					< 0.0001		
P4	25th Percentile	0.000002	0.0156	0.00032	0.0766	0.000005	0.000002	0.0025	43.90000019	0.000097		0.000033	0.000050	0.00093	0.0517
P4	75th Percentile	0.000002	0.0585	0.00046	0.0923	0.000005	0.000002	0.0025	52.84999943	0.00015		0.000097	0.00025	1.04E-03	0.185499996
R4	29-Mar-05	0.0006	0.018	< 0.001	0.1	< 0.001	< 0.001	< 0.05	77.4	< 0.0002		< 0.001	< 0.001	< 0.001	0.1
R4	17-Aug-05	< 0.00025	0.018	0.001	0.066	< 0.001	< 0.001	< 0.05	53.6	< 0.0002		< 0.001	< 0.001	< 0.001	0.11
R4	21-Feb-06	< 0.00025	< 0.005	< 0.001	0.086	< 0.001	< 0.001	< 0.05	73.6	< 0.0002		< 0.001	< 0.001	< 0.001	< 0.05
R4	7-Aug-06	< 0.00025	0.019	< 0.001	0.05	< 0.001	< 0.001	< 0.05	45.2	< 0.0002		< 0.001	< 0.001	< 0.001	0.11
R4	20-Feb-07	< 0.00025	0.006	< 0.001	0.089	< 0.001	< 0.001	< 0.05	77.6	< 0.0002		< 0.001	< 0.001	< 0.001	< 0.05
R4	17-Aug-07	< 0.00025	0.008	< 0.001	0.064	< 0.001	< 0.001	< 0.05	52.5	< 0.0002		< 0.001	< 0.001	< 0.001	0.17
R4	26-Sep-07	< 0.000005	0.0209	< 0.00002	0.0529	< 0.00001	< 0.000005	< 0.005	34.6	0.00001		0.00011	0.0006	0.0008	0.15
R4	24-Oct-07	< 0.000005	0.0054	0.00029	0.076	< 0.00001	< 0.000005	< 0.005	69.6	0.00006		0.00064	0.0005	0.00103	0.081
R4	22-Nov-07	0.000019	0.005	0.00019	0.0743	< 0.00001	< 0.000005	< 0.005	55.4	0.000022		0.000045	0.0001	0.0005	0.048
R4	14-Dec-07	< 0.000005	0.0046	0.00022	0.0808	< 0.00001	< 0.000005	< 0.005	63.7	0.00002		0.000057	0.0001	0.00061	0.047
R4	Total # samples	10	10	10	10	10	10	10	10	10		10	10	10	10
R4	Median	0.000125	0.007	0.0005	0.0752	0.0005	0.0005	0.025	59.6	0.0001		0.0005	0.0005	0.0005	0.0905
R4	MEAN	0.000125	0.0107	0.000421	0.0739	0.000302	0.000301	0.016	60.3	0.000071		0.000385	0.00043	0.000594	0.0866
R4	STD	0.0002	0.0073	0.0003	0.0159	0.0003	0.0003	0.0116	14.5	0		0.0002	0.0002	0.0002	0.0505
R4	MINIMUM	< 0.000005	0.0046	< 0.00002	0.05	< 0.00001	< 0.000005	< 0.005	34.6	0.00001		0.000045	0.0001	0.0005	0.047
R4	MAXIMUM	0.0006	0.0209	< 0.001	0.1	< 0.001	< 0.001	< 0.05	77.6	< 0.0002		< 0.001	< 0.001	0.00103	0.17
R4	# samples < MDL	8	1	6	0	10	10	10	0	6		6	6	6	2
R4	% samples < MDL	80	10	60	0	100	100	100	0	60		60	60	60	20
R4	Maximum MDL	< 0.00025	< 0.005	< 0.001		< 0.001	< 0.001	< 0.05		< 0.0002		< 0.001	< 0.001	< 0.001	< 0.05
R4	25th Percentile	0.000007	0.0051	0.000238	0.064500002	0.000005	0.000002	0.0025	52.8	0.000032		0.000208	0.0005	0.0005	0.0472
R4	75th Percentile	0.000125	0.018	0.0005	0.084699999	0.0005	0.0005	0.025	72.6	0.0001		0.0005	0.0005	0.000583	0.11
R5	29-Mar-05	0.0006	0.017	< 0.001	0.1	< 0.001	< 0.001	< 0.05	81.5	< 0.0002		< 0.001	< 0.001	< 0.001	0.11
R5	17-Aug-05	< 0.00025	0.03	< 0.001	0.066	< 0.001	< 0.001	< 0.05	44.5	< 0.0002		< 0.001	< 0.001	< 0.001	< 0.05
R5	7-Aug-06	< 0.00025	0.019	< 0.001	0.063	< 0.001	< 0.001	< 0.05	39.3	< 0.0002		< 0.001	< 0.001	< 0.001	0.11
R5	17-Aug-07	< 0.00025	0.017	< 0.001	0.077	< 0.001	< 0.001	< 0.05	36.3	< 0.0002		< 0.001	< 0.001	0.001	0.17
R5	Total # samples	4	4	4	4	4	4	4	4	4		4	4	4	4
R5	Median	0.000125	0.018	0.0005	0.0715	0.0005	0.0005	0.025	41.9	0.0001		0.0005	0.0005	0.0005	0.11
R5	MEAN	0.000244	0.0208	0.0005	0.0765	0.0005	0.0005	0.025	50.4	0.0001		0.0005	0.0005	0.000625	0.104
R5	STD	0.0002	0.0062	0	0.0168	0	0	0	21.0	0		0	0	0.0002	0.0596
R5	MINIMUM	< 0.00025	0.017	< 0.001	0.063	< 0.001	< 0.001	< 0.05	36.3	< 0.0002		< 0.001	< 0.001	< 0.001	< 0.05
R5	MAXIMUM	0.0006	0.03	< 0.001	0.1	< 0.001	< 0.001	< 0.05	81.5	< 0.0002		< 0.001	< 0.001	< 0.001	0.17
R5	# samples < MDL	3	0	4	0	4	4	4	0	4		4	4	3	1
R5	% samples < MDL	75	0	100	0	100	100	100	0	100		100	100	75	25

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 2. Receiving Environment Total Metals (2005-2007)

STATION	DATE	HG-T mg/L	K-T mg/L	LI-T mg/L	MG-T mg/L	MN-T mg/L	MO-T mg/L	NA-T mg/L	NI-T mg/L	PB-T mg/L	P-T mg/L	SB-T mg/L	SE-T mg/L	SI-T mg/L
P4	MAXIMUM		1.07	0.0041	16.9	0.0267	0.00129	2.61	0.00383	0.00026	0.008	0.00022	0.00108	4.01
P4	# samples < MDL		0	0	0	0	0	0	0	0	2	0	0	0
P4	% samples < MDL		0	0	0	0	0	0	0	0	50	0	0	0
P4	Maximum MDL										< 0.005			
P4	25th Percentile		0.779999993	0.0034	13.40000005	0.0136	0.0012	2.282500005	0.0030	0.0002	0.0025	0.0002	0.0008	3.304999995
P4	75th Percentile		1.010000007	0.0038	14.95000014	0.0236	0.0013	2.542499986	0.0036	0.0002	0.0065	0.0002	0.0009	3.792500021
R4	29-Mar-05	< 0.00002	1.9	0.004	15.7	0.017	0.0012	5.48	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	11.9
R4	17-Aug-05	0.00002	1.4	0.005	12.1	0.41	0.0007	3.95	0.001	< 0.001	< 0.15	< 0.001	0.002	8.4
R4	21-Feb-06	< 0.00002	1.7	0.004	15.9	0.03	0.0006	6.16	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	5.5
R4	7-Aug-06	< 0.00002	1.1	0.004	8.94	0.17	0.0005	3.53	0.001	< 0.001	< 0.15	< 0.001	< 0.001	4.1
R4	20-Feb-07	< 0.00002	1.8	0.004	16.4	0.026	0.0006	5.91	0.001	< 0.001	< 0.15	< 0.001	< 0.001	4.9
R4	17-Aug-07	< 0.00002	1.6	0.005	12	0.47	0.0005	4.94	0.002	< 0.001	< 0.15	< 0.001	< 0.001	3.5
R4	26-Sep-07	0.00001	0.899	0.0019	7.43	0.124	0.00054	2.79	0.0005	0.00038	< 0.005	0.00009	< 0.00004	4.08
R4	24-Oct-07		1.56	0.0051	14.4	0.938	0.00071	6.03	0.00203	0.000416	< 0.005	0.00013	0.00049	4.27
R4	22-Nov-07		1.31	0.0037	10.5	0.0949	0.00059	3.38	0.00079	0.000129	< 0.005	0.00011	0.00044	4.59
R4	14-Dec-07		1.45	0.004	13	0.109	0.00053	4.45	0.00082	0.000177	< 0.005	0.00011	0.00055	5.46
R4	Total # samples	7	10	10	10	10	10	10	10	10	10	10	10	10
R4	Median	0.00001	1.51	0.004	12.6	0.117	0.000595	4.70	0.00091	0.0005	0.075	0.0005	0.0005	4.75
R4	MEAN	0.000011	1.47	0.00407	12.6	0.239	0.000647	4.66	0.00101	0.000410	0.046	0.000344	0.0006	5.67
R4	STD	0	0.310	0.0009	3.05	0.292	0.0002	1.22	0.0006	0.0001	0.0374	0.0002	0.0005	2.58
R4	MINIMUM	0.00001	0.899	0.0019	7.43	0.017	0.0005	2.79	0.0005	0.000129	< 0.005	0.00009	< 0.00004	3.5
R4	MAXIMUM	< 0.00002	1.9	0.0051	16.4	0.938	0.0012	6.16	0.00203	< 0.001	< 0.15	< 0.001	0.002	11.9
R4	# samples < MDL	5	0	0	0	0	0	0	2	6	10	6	6	0
R4	% samples < MDL	71	0	0	0	0	0	0	20	60	100	60	60	0
R4	Maximum MDL	< 0.00002							< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	
R4	25th Percentile	0.000010	1.33	0.004	10.9	0.0462	0.00053	3.63	0.000573	0.000389	0.0025	0.000115	0.000493	4.14
R4	75th Percentile	0.000010	1.68	0.00475	15.4	0.35	0.000675	5.80	0.001	0.0005	0.075000001	0.0005	0.0005	5.49
R5	29-Mar-05	< 0.00002	2	0.004	16.7	0.019	0.0013	5.75	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	12.4
R5	17-Aug-05	< 0.00002	1	0.002	11.7	0.077	0.0009	1.78	< 0.001	< 0.001	< 0.15	< 0.001	0.001	8.6
R5	7-Aug-06	< 0.00002	0.9	0.002	10.5	0.016	0.001	1.67	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4.2
R5	17-Aug-07	< 0.00002	1	< 0.005	10.8	0.037	0.001	1.87	< 0.001	< 0.001	< 0.15	< 0.001	0.001	3.4
R5	Total # samples	4	4	4	4	4	4	4	4	4	4	4	4	4
R5	Median	0.00001	1	0.00225	11.3	0.028	0.001	1.83	0.0005	0.0005	0.075	0.0005	0.00075	6.4
R5	MEAN	0.00001	1.23	0.00263	12.4	0.0373	0.00105	2.77	0.0005	0.0005	0.075	0.0005	0.00075	7.15
R5	STD	0	0.519	0.0009	2.90	0.0281	0.0002	1.99	0	0	0	0	0.0003	4.18
R5	MINIMUM	< 0.00002	0.9	0.002	10.5	0.016	0.0009	1.67	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	3.4
R5	MAXIMUM	< 0.00002	2	< 0.005	16.7	0.077	0.0013	5.75	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	12.4
R5	# samples < MDL	4	0	1	0	0	0	0	4	4	4	4	2	0
R5	% samples < MDL	100	0	25	0	0	0	0	100	100	100	100	50	0

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 2. Receiving Environment Total Metals (2005-2007)

STATION	DATE	SN-T mg/L	SR-T mg/L	TI-T mg/L	TL-T mg/L	U-T mg/L	V-T mg/L	ZN-T mg/L	ZR-T mg/L
P4	MAXIMUM	0.00002	0.222	0.002	0.000004	0.00203	0.0005	0.0175	0.00018
P4	# samples < MDL	3	0	2	1	0	2	0	3
P4	% samples < MDL	75	0	50	25	0	50	0	75
P4	Maximum MDL	< 0.00001		< 0.0005	< 0.000002		< 0.0002		< 0.0001
P4	25th Percentile	0.000005	0.183249999	0.0003	0.000002	0.0017	0.000100	0.0100	0.000050
P4	75th Percentile	0.000009	0.211500003	0.0013	0.000004	0.0020	0.000350	0.0149	0.000082
R4	29-Mar-05	< 0.001	0.24	< 0.001	< 0.0001	0.003	< 0.001	< 0.005	< 0.01
R4	17-Aug-05	< 0.001	0.2	< 0.001	< 0.0001	0.0014	< 0.001	0.025	< 0.01
R4	21-Feb-06	< 0.001	0.24	< 0.001	< 0.0001	0.0024	< 0.001	0.005	< 0.01
R4	7-Aug-06	< 0.001	0.15	< 0.001	< 0.0001	0.0009	< 0.001	0.011	< 0.01
R4	20-Feb-07	< 0.001	0.26	< 0.001	< 0.0001	0.0024	< 0.001	< 0.005	< 0.01
R4	17-Aug-07	< 0.001	0.19	< 0.001	< 0.0001	0.0015	< 0.001	0.012	< 0.01
R4	26-Sep-07	< 0.00001	0.125	< 0.0005	< 0.000002	0.00111	0.0001	0.0156	0.00011
R4	24-Oct-07	0.00018	0.245	< 0.0005	0.000009	0.00204	< 0.0002	0.0244	< 0.0001
R4	22-Nov-07	< 0.00001	0.194	< 0.0005	0.000006	0.0018	< 0.0002	0.0147	< 0.0001
R4	14-Dec-07	< 0.00001	0.216	< 0.0005	0.000005	0.00221	< 0.0002	0.0131	< 0.0001
R4	Total # samples	10	10	10	10	10	10	10	10
R4	Median	0.0005	0.208	0.0005	0.00005	0.00192	0.0005	0.01255	0.005
R4	MEAN	0.000320	0.206	0.0004	0.0000321	0.00188	0.00034	0.0126	0.00303
R4	STD	0.0002	0.0434	0.0001	0	0.0007	0.0002	0.008	0.0025
R4	MINIMUM	< 0.00001	0.125	< 0.0005	< 0.000002	0.0009	0.0001	< 0.005	< 0.0001
R4	MAXIMUM	< 0.001	0.26	< 0.001	< 0.0001	0.003	< 0.001	0.025	< 0.01
R4	# samples < MDL	9	0	10	7	0	9	2	9
R4	% samples < MDL	90	0	100	70	0	90	20	90
R4	Maximum MDL	< 0.001		< 0.001	< 0.0001		< 0.001	< 0.005	< 0.01
R4	25th Percentile	0.000049	0.190999998	0.00025	0.000007	0.00142	0.000100	0.0065	0.000065
R4	75th Percentile	0.0005	0.239999999	0.0005	0.000050	0.00235	0.0005	0.0154	0.005
R5	29-Mar-05	< 0.001	0.26	< 0.001	< 0.0001	0.0032	< 0.001	0.007	< 0.01
R5	17-Aug-05	< 0.001	0.13	< 0.001	< 0.0001	0.0016	< 0.001	< 0.005	< 0.01
R5	7-Aug-06	< 0.001	0.11	< 0.001	< 0.0001	0.0014	< 0.001	< 0.005	< 0.01
R5	17-Aug-07	< 0.001	0.11	< 0.001	< 0.0001	0.0018	< 0.001	< 0.005	< 0.01
R5	Total # samples	4	4	4	4	4	4	4	4
R5	Median	0.0005	0.12	0.0005	0.00005	0.0017	0.0005	0.0025	0.005
R5	MEAN	0.0005	0.153	0.0005	0.00005	0.002	0.0005	0.00363	0.005
R5	STD	0	0.0723	0	0	0.0008	0	0.0023	0
R5	MINIMUM	< 0.001	0.11	< 0.001	< 0.0001	0.0014	< 0.001	< 0.005	< 0.01
R5	MAXIMUM	< 0.001	0.26	< 0.001	< 0.0001	0.0032	< 0.001	0.007	< 0.01
R5	# samples < MDL	4	0	4	4	0	4	3	4
R5	% samples < MDL	100	0	100	100	0	100	75	100

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 2. Receiving Environment Total Metals (2005-2007)

STATION	DATE	AG-T mg/L	AL-T mg/L	AS-T mg/L	BA-T mg/L	BE-T mg/L	BI-T mg/L	B-T mg/L	CA-T mg/L	CD-T mg/L	CN-T mg/L	CO-T mg/L	CR-T mg/L	CU-T mg/L	FE-T mg/L
R5	Maximum MDL	< 0.00025		< 0.001		< 0.001	< 0.001	< 0.05		< 0.0002		< 0.001	< 0.001	< 0.001	< 0.05
R5	25th Percentile	0.000125	0.017	0.0005	0.0653	0.0005	0.0005	0.025	38.5	0.00010		0.0005	0.0005	0.0005	0.0888
R5	75th Percentile	0.000244	0.0217	0.0005	0.0827	0.0005	0.0005	0.025	53.8	0.00010		0.0005	0.0005	0.00063	0.125
R11	29-Mar-05	0.0009	0.023	0.001	0.1	< 0.001	< 0.001	< 0.05	85.9	< 0.0002		< 0.001	< 0.001	< 0.001	0.12
R11	17-Aug-05	< 0.00025	0.061	0.001	0.064	< 0.001	< 0.001	< 0.05	42.7	< 0.0002		< 0.001	< 0.001	< 0.001	0.07
R11	21-Feb-06	< 0.00025	0.007	< 0.001	0.081	< 0.001	< 0.001	< 0.05	53.6	< 0.0002		< 0.001	< 0.001	< 0.001	< 0.05
R11	7-Aug-06	< 0.00025	0.038	< 0.001	0.056	< 0.001	< 0.001	< 0.05	40.2	< 0.0002		< 0.001	< 0.001	< 0.001	0.09
R11	20-Feb-07	< 0.00025	0.009	< 0.001	0.08	< 0.001	< 0.001	< 0.05	54.6	< 0.0002		< 0.001	< 0.001	< 0.001	< 0.05
R11	17-Aug-07	< 0.00025	0.019	< 0.001	0.07	< 0.001	< 0.001	< 0.05	38.3	< 0.0002		< 0.001	< 0.001	< 0.001	0.12
R11	Total # samples	6	6	6	6	6	6	6	6	6		6	6	6	6
R11	Median	0.000125	0.021	0.0005	0.075	0.0005	0.0005	0.025	48.2	0.0001		0.0005	0.0005	0.0005	0.08
R11	MEAN	0.00025	0.0262	0.00067	0.0752	0.0005	0.0005	0.025	52.6	0.0001		0.0005	0.0005	0.0005	0.075
R11	STD	0.0003	0.0204	0.0003	0.0154	0	0	0	17.7	0		0	0	0	0.0431
R11	MINIMUM	< 0.00025	0.007	< 0.001	0.056	< 0.001	< 0.001	< 0.05	38.3	< 0.0002		< 0.001	< 0.001	< 0.001	< 0.05
R11	MAXIMUM	0.0009	0.061	< 0.001	0.1	< 0.001	< 0.001	< 0.05	85.9	< 0.0002		< 0.001	< 0.001	< 0.001	0.12
R11	# samples < MDL	5	0	4	0	6	6	6	0	6		6	6	6	2
R11	% samples < MDL	83	0	67	0	100	100	100	0	100		100	100	100	33
R11	Maximum MDL	< 0.00025		< 0.001		< 0.001	< 0.001	< 0.05		< 0.0002		< 0.001	< 0.001	< 0.001	< 0.05
R11	25th Percentile	0.000125	0.0115	0.0005	0.065500002	0.0005	0.0005	0.025	40.8	0.00010		0.0005	0.0005	0.0005	0.0363
R11	75th Percentile	0.000125	0.0343	0.000875	0.0807	0.0005	0.0005	0.025	54.3	0.00010		0.0005	0.0005	0.0005	0.113

Notes:

Statistics calculated for stations with 3 or more values in a dataset.

DL: Method Detection Limit

Method Detection Limit set to 1/2 method detection limit for statistical calculations

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 2. Receiving Environment Total Metals (2005-2007)

STATION	DATE	HG-T mg/L	K-T mg/L	LI-T mg/L	MG-T mg/L	MN-T mg/L	MO-T mg/L	NA-T mg/L	NI-T mg/L	PB-T mg/L	P-T mg/L	SB-T mg/L	SE-T mg/L	SI-T mg/L
R5	Maximum MDL	< 0.00002		< 0.005					< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	
R5	25th Percentile	0.000010	0.975	0.002	10.7	0.0183	0.000975	1.75	0.0005	0.0005	0.075000001	0.0005	0.0005	4.00
R5	75th Percentile	0.000010	1.25	0.00287	12.9	0.047	0.00108	2.840000004	0.0005	0.0005	0.075000002	0.0005	0.001	9.55
R11	29-Mar-05	< 0.00002	2.3	0.005	18.1	0.02	0.0013	6.34	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	13.8
R11	17-Aug-05	< 0.00002	1.2	0.003	9.82	0.059	0.0009	2.33	< 0.001	< 0.001	< 0.15	< 0.001	0.002	7.8
R11	21-Feb-06	< 0.00002	1.6	0.004	11.7	0.006	0.001	3.86	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	5.5
R11	7-Aug-06	< 0.00002	1.2	0.003	8.74	0.019	0.0008	2.64	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4.2
R11	20-Feb-07	< 0.00002	1.6	0.003	11.7	0.005	0.001	3.69	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	5
R11	17-Aug-07	< 0.00002	1.3	< 0.005	9.61	0.035	0.0009	2.99	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	3.2
R11	Total # samples	6	6	6	6	6	6	6	6	6	6	6	6	6
R11	Median	0.00001	1.45	0.003	10.8	0.0195	0.00095	3.34	0.0005	0.0005	0.075	0.0005	0.0005	5.25
R11	MEAN	0.00001	1.53	0.00342	11.6	0.024	0.000983	3.64	0.0005	0.0005	0.075	0.0005	0.00075	6.58
R11	STD	0	0.418	0.0009	3.39	0.0204	0.0002	1.45	0	0	0	0	0.0006	3.86
R11	MINIMUM	< 0.00002	1.2	0.003	8.74	0.005	0.0008	2.33	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	3.2
R11	MAXIMUM	< 0.00002	2.3	< 0.005	18.1	0.059	0.0013	6.34	< 0.001	< 0.001	< 0.15	< 0.001	0.002	13.8
R11	# samples < MDL	6	0	1	0	0	0	0	6	6	6	6	5	0
R11	% samples < MDL	100	0	17	0	0	0	0	100	100	100	100	83	0
R11	Maximum MDL	< 0.00002		< 0.005					< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	
R11	25th Percentile	0.00001	1.23	0.003	9.66	0.00925	0.0009	2.73	0.0005	0.0005	0.075000002	0.0005	0.0005	4.40
R11	75th Percentile	0.00001	1.60	0.00375	11.69999995	0.0312	0.001	3.82	0.0005	0.0005	0.075000001	0.0005	0.0005	7.23

Notes:

Statistics calculated for stations with 3 or more values in a dataset.

DL: Method Detection Limit

Method Detection Limit set to 1/2 method detection limit for statistical calculations

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 2. Receiving Environment Total Metals (2005-2007)

STATION	DATE	SN-T mg/L	SR-T mg/L	TI-T mg/L	TL-T mg/L	U-T mg/L	V-T mg/L	ZN-T mg/L	ZR-T mg/L
R5	Maximum MDL	< 0.001		< 0.001	< 0.0001		< 0.001	< 0.005	< 0.01
R5	25th Percentile	0.0005	0.11	0.0005	0.000050	0.00155	0.0005	0.0025	0.005
R5	75th Percentile	0.0005	0.162	0.0005	0.000050	0.00215	0.0005	0.00362	0.005
R11	29-Mar-05	< 0.001	0.28	0.001	< 0.0001	0.0032	< 0.001	0.008	< 0.01
R11	17-Aug-05	< 0.001	0.14	0.002	< 0.0001	0.0015	< 0.001	0.006	< 0.01
R11	21-Feb-06	< 0.001	0.16	< 0.001	< 0.0001	0.0023	< 0.001	< 0.005	< 0.01
R11	7-Aug-06	< 0.001	0.12	0.001	< 0.0001	0.0012	< 0.001	< 0.005	< 0.01
R11	20-Feb-07	< 0.001	0.17	< 0.001	< 0.0001	0.0022	< 0.001	< 0.005	< 0.01
R11	17-Aug-07	< 0.001	0.13	< 0.001	< 0.0001	0.0016	< 0.001	< 0.005	< 0.01
R11	Total # samples	6	6	6	6	6	6	6	6
R11	Median	0.0005	0.15	0.00075	0.00005	0.0019	0.0005	0.0025	0.005
R11	MEAN	0.0005	0.167	0.000917	0.00005	0.002	0.0005	0.004	0.005
R11	STD	0	0.0585	0.0006	0	0.0007	0	0.0024	0
R11	MINIMUM	< 0.001	0.12	< 0.001	< 0.0001	0.0012	< 0.001	< 0.005	< 0.01
R11	MAXIMUM	< 0.001	0.28	0.002	< 0.0001	0.0032	< 0.001	0.008	< 0.01
R11	# samples < MDL	6	0	3	6	0	6	4	6
R11	% samples < MDL	100	0	50	100	0	100	67	100
R11	Maximum MDL	< 0.001		< 0.001	< 0.0001		< 0.001	< 0.005	< 0.01
R11	25th Percentile	0.0005	0.132	0.0005	0.000050	0.00153	0.0005	0.0025	0.005
R11	75th Percentile	0.0005	0.167	0.001	0.000050	0.00227	0.0005	0.00512	0.005

Notes:

Statistics calculated for stations with 3 or more values in a dataset.

DL: Method Detection Limit

Method Detection Limit set to 1/2 method detection limit for statistical calculations

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 3. Receiving Environment Dissolved Metals (2005-2007)

STATION	DATE	AG-D mg/L	AL-D mg/L	AS-D mg/L	BA-D mg/L	B-D mg/L	BE-D mg/L	BI-D mg/L	CA-D mg/L	CD-D mg/L	CO-D mg/L	CR-D mg/L	CU-D mg/L	FE-D mg/L	HG-D mg/L
P2	27-Sep-07	< 0.000005	0.0312	0.0003	0.0706	< 0.005	< 0.00001	< 0.000005	42.1	0.00013	0.00011	< 0.0001	0.001	0.064	
P2	24-Oct-07	< 0.000005	0.017	0.00041	0.0768	< 0.005	< 0.00001	< 0.000005	46.7	0.000144	0.000035	0.0001	0.00079	0.065	
P2	22-Nov-07	< 0.000005	0.011	0.00037	0.088	< 0.005	< 0.00001	< 0.000005	55.3	0.000183	0.000023	0.0001	0.00127	0.036	
P2	14-Dec-07	< 0.000005	0.0045	0.00028	0.0887	< 0.005	< 0.00001	< 0.000005	52.7	0.000174	0.000022	0.0001	0.00099	0.014	
P2	Total # samples	4	4	4	4	4	4	4	4.0	4	4	4	4	4	
P2	MEAN	0.0000025	0.015925	0.00034	0.081025	0.0025	0.000005	0.0000025	49.2	0.00015775	0.000048	0.000088	0.0010125	0.04475	
P2	Median	0.0000025	0.014	0.000335	0.0824	0.0025	0.000005	0.0000025	49.7	0.000159	0.000029	0.0001	0.000995	0.05	
P2	STD	0	0.0114	0.0001	0.0088	0	0	0	5.9	0	0	0	0.0002	0.0245	
P2	MINIMUM	< 0.000005	0.0045	0.00028	0.0706	< 0.005	< 0.00001	< 0.000005	42.1	0.00013	0.000022	< 0.0001	0.00079	0.014	
P2	MAXIMUM	< 0.000005	0.0312	0.00041	0.0887	< 0.005	< 0.00001	< 0.000005	55.3	0.000183	0.00011	< 0.0001	0.00127	0.065	
P2	# samples < MDL	4	0	0	0	4	4	4	0.0	0	0	1	0	0	
P2	% samples < MDL	100	0	0	0	100	100	100	0.0	0	0	25	0	0	
P2	Maximum MDL	< 0.000005				< 0.005	< 0.00001	< 0.000005				< 0.0001			
P2	25th Percentile	0.000002	0.0094	0.0003	0.08	0.0025	0.000005	0.000002	45.5	0.0001	0.000023	0.000087	0.0009	0.03	
P2	75th Percentile	0.000002	0.020550001	0.0004	0.09	0.0025	0.000005	0.000002	53.4	0.0002	0.000054	0.0001	0.0011	0.06	
P3	26-Sep-07	< 0.000005	0.0245	0.0003	0.0778	< 0.005	< 0.00001	< 0.000005	44.1	0.00008	0.00012	0.0007	0.0011	0.041	
P3	24-Oct-07	0.000007	0.0133	0.00045	0.0765	< 0.005	< 0.00001	< 0.000005	47.3	0.000129	0.000029	< 0.0001	0.00078	0.05	
P3	22-Nov-07	< 0.000005	0.0084	0.00039	0.0989	< 0.005	< 0.00001	< 0.000005	55.9	0.000103	0.000028	0.0002	0.00124	0.015	
P3	14-Dec-07	< 0.000005	0.006	0.00032	0.094	< 0.005	< 0.00001	< 0.000005	53.9	0.000124	0.000028	0.0001	0.00086	0.018	
P3	Total # samples	4	4	4	4	4	4	4	4.0	4	4	4	4	4	
P3	MEAN	0.000004	0.01305	0.000365	0.0868	0.0025	0.000005	0.0000025	50.3	0.000109	0.000051	0.0002625	0.000995	0.031	
P3	Median	0.0000025	0.01085	0.000355	0.0859	0.0025	0.000005	0.0000025	50.6	0.0001135	0.000029	0.00015	0.00098	0.0295	
P3	STD	0	0.0082	0.0001	0.0113	0	0	0	5.5	0	0	0.0003	0.0002	0.0172	
P3	MINIMUM	< 0.000005	0.006	0.0003	0.0765	< 0.005	< 0.00001	< 0.000005	44.1	0.00008	0.000028	< 0.0001	0.00078	0.015	
P3	MAXIMUM	0.000007	0.0245	0.00045	0.0989	< 0.005	< 0.00001	< 0.000005	55.9	0.000129	0.00012	0.0007	0.00124	0.05	
P3	# samples < MDL	3	0	0	0	4	4	4	0.0	0	0	1	0	0	
P3	% samples < MDL	75	0	0	0	100	100	100	0.0	0	0	25	0	0	
P3	Maximum MDL	< 0.000005				< 0.005	< 0.00001	< 0.000005				< 0.0001			
P3	25th Percentile	0.000002	0.0078	0.0003	0.077	0.0025	0.000005	0.000002	46.5	0.000097	0.000028	0.000087	0.0008	0.01725	
P3	75th Percentile	0.000004	0.02	0.0004	0.095	0.0025	0.000005	0.000002	54.4	0.0001	0.0001	0.0003	0.001	0.043	
P4	26-Sep-07	< 0.000005	0.0332	0.0003	0.0656	< 0.005	< 0.00001	< 0.000005	39.8	0.00009	0.00013	0.0004	0.0012	0.072	
P4	24-Oct-07	< 0.000005	0.0128	0.00042	0.0761	< 0.005	< 0.00001	< 0.000005	47.0	0.000131	0.00003	0.0001	0.00073	0.055	
P4	22-Nov-07	< 0.000005	0.0125	0.00045	0.0847	< 0.005	< 0.00001	< 0.000005	54.9	0.000103	0.000029	0.0002	0.00124	0.031	
P4	14-Dec-07	< 0.000005	0.0049	0.00033	0.0913	< 0.005	< 0.00001	< 0.000005	53.7	0.000129	0.000022	< 0.0001	0.00081	0.021	
P4	Total # samples	4	4	4	4	4	4	4	4.0	4	4	4	4	4	
P4	MEAN	0.0000025	0.01585	0.000375	0.079425	0.0025	0.000005	0.0000025	48.9	0.00011325	0.000053	0.0001875	0.000995	0.04475	
P4	Median	0.0000025	0.01265	0.000375	0.0804	0.0025	0.000005	0.0000025	50.35	0.000116	0.000030	0.00015	0.001005	0.043	
P4	STD	0	0.0121	0.0001	0.0111	0	0	0	6.963	0	0.0001	0.0002	0.0003	0.0231	
P4	MINIMUM	< 0.000005	0.0049	0.0003	0.0656	< 0.005	< 0.00001	< 0.000005	39.8	0.00009	0.000022	< 0.0001	0.00073	0.021	
P4	MAXIMUM	< 0.000005	0.0332	0.00045	0.0913	< 0.005	< 0.00001	< 0.000005	54.9	0.000131	0.00013	0.0004	0.00124	0.072	

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 3. Receiving Environment Dissolved Metals (2005-2007)

STATION	DATE	K-D mg/L	LI-D mg/L	MG-D mg/L	MN-D mg/L	MO-D mg/L	NA-D mg/L	NI-D mg/L	PB-D mg/L	P-D mg/L	SB-D mg/L	SE-D mg/L	SI-D mg/L	SN-D mg/L
P2	27-Sep-07	0.626	0.003	13.7	0.00615	0.00114	1.79	0.0041	0.00005		0.00101	0.001	3.03	< 0.00001
P2	24-Oct-07	0.7	0.0035	15	0.0133	0.00133	2.14	0.00427	0.000034		0.00018	0.00095	2.97	0.00001
P2	22-Nov-07	1.16	0.0041	18.5	0.00927	0.00133	2.52	0.00459	0.000141		0.00023	0.00118	4.14	0.00003
P2	14-Dec-07	0.88	0.0039	17	0.011	0.00112	2.39	0.00415	0.000096		0.00018	0.00125	2.97	0.00003
P2	Total # samples	4	4	4	4	4	4	4	4		4	4	4	4
P2	MEAN	0.8415	0.003625	16.05	0.00993	0.00123	2.21	0.0042775	0.000080		0.0004	0.001095	3.2775	0.0000
P2	Median	0.79	0.0037	16	0.010135	0.001235	2.265	0.00421	0.000073		0.000205	0.00109	3	0.00002
P2	STD	0.2376	0.0005	2.1237	0.003	0.0001	0.3214	0.0002	0		0.0004	0.0001	0.5757	0
P2	MINIMUM	0.626	0.003	13.7	0.00615	0.00112	1.79	0.0041	0.000034		0.00018	0.00095	2.97	< 0.00001
P2	MAXIMUM	1.16	0.0041	18.5	0.0133	0.00133	2.52	0.00459	0.000141		0.00101	0.00125	4.14	0.00003
P2	# samples < MDL	0	0	0	0	0	0	0	0		0	0	0	1
P2	% samples < MDL	0	0	0	0	0	0	0	0		0	0	0	25
P2	Maximum MDL													< 0.00001
P2	25th Percentile	0.681499997	0.0034	14.67499995	0.0085	0.0011	2.05249999	0.0041	0.000046		0.0002	0.0010	2.970000007	0.000009
P2	75th Percentile	0.949999996	0.0039	17.375	0.0116	0.0013	2.422500079	0.0043	0.000107		0.0004	0.0012	3.307499979	0.000030
P3	26-Sep-07	0.852	0.0029	12.9	0.00475	0.00115	2.83	0.0029	0.00012		0.00106	0.0009	3.39	< 0.00001
P3	24-Oct-07	0.76	0.0035	14.9	0.0139	0.00132	2.14	0.00378	0.000063		0.00018	0.00087	2.99	0.00002
P3	22-Nov-07	1.42	0.0033	14	0.00674	0.00121	3.15	0.00193	0.000145		0.00021	0.00083	4.95	0.00002
P3	14-Dec-07	1.07	0.0038	15.5	0.0116	0.00111	2.63	0.00311	0.000067		0.00021	0.00104	3.25	0.00001
P3	Total # samples	4	4	4	4	4	4	4	4		4	4	4	4
P3	MEAN	1.0255	0.003375	14.325	0.0092475	0.0011975	2.6875	0.00293	0.000099		0.000415	0.00091	3.645	0.00001
P3	Median	0.961	0.0034	14.45	0.00917	0.00118	2.73	0.003005	0.000094		0.00021	0.000885	3.32	0.000015
P3	STD	0.2934	0.0004	1.1325	0.0042	0.0001	0.4232	0.0008	0		0.0004	0.0001	0.8856	0
P3	MINIMUM	0.76	0.0029	12.9	0.00475	0.00111	2.14	0.00193	0.000063		0.00018	0.00083	2.99	< 0.00001
P3	MAXIMUM	1.42	0.0038	15.5	0.0139	0.00132	3.15	0.00378	0.000145		0.00106	0.00104	4.95	0.00002
P3	# samples < MDL	0	0	0	0	0	0	0	0		0	0	0	1
P3	% samples < MDL	0	0	0	0	0	0	0	0		0	0	0	25
P3	Maximum MDL													< 0.00001
P3	25th Percentile	0.828999998	0.0032	13.7249999	0.0062	0.0011	2.507500026	0.0027	0.000066		0.0002	0.0009	3.185000002	0.000009
P3	75th Percentile	1.157500039	0.0036	15.04999971	0.0122	0.0012	2.909999943	0.0033	0.000126		0.0004	0.0009	3.780000079	0.000020
P4	26-Sep-07	0.775	0.0026	11.7	0.00993	0.00108	2.38	0.0026	0.00037		0.00111	0.0005	3.44	< 0.00001
P4	24-Oct-07	0.79	0.0034	14.2	0.0156	0.00129	2.21	0.00348	0.000065		0.00017	0.00092	3.39	0.00001
P4	22-Nov-07	1.19	0.0039	16.6	0.00998	0.00125	2.79	0.00307	0.000132		0.00021	0.00105	4.98	0.00002
P4	14-Dec-07	0.93	0.0039	16.6	0.0131	0.00117	2.52	0.0034	0.000053		0.00018	0.00126	3.6	< 0.00001
P4	Total # samples	4	4	4	4	4	4	4	4		4	4	4	4
P4	MEAN	0.92125	0.00345	14.775	0.0121525	0.0011975	2.475	0.0031375	0.000155		0.0004175	0.0009325	3.8525	0.00001
P4	Median	0.86	0.00365	15.4	0.01154	0.00121	2.45	0.003235	0.000099		0.000195	0.000985	3.52	0.000008
P4	STD	0.1923	0.0006	2.3415	0.0027	0.0001	0.2453	0.0004	0.0001		0.0005	0.0003	0.757	0
P4	MINIMUM	0.775	0.0026	11.7	0.00993	0.00108	2.21	0.0026	0.000053		0.00017	0.0005	3.39	< 0.00001
P4	MAXIMUM	1.19	0.0039	16.6	0.0156	0.00129	2.79	0.00348	0.00037		0.00111	0.00126	4.98	0.00002

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 3. Receiving Environment Dissolved Metals (2005-2007)

STATION	DATE	SR-D mg/L	TI-D mg/L	TL-D mg/L	U-D mg/L	V-D mg/L	ZN-D mg/L	ZR-D mg/L
P2	27-Sep-07	0.179	< 0.0005	< 0.000002	0.00133	0.00021	0.0091	0.00012
P2	24-Oct-07	0.2	< 0.0005	0.000003	0.00163	< 0.0002	0.0107	< 0.0001
P2	22-Nov-07	0.227	< 0.0005	0.000004	0.00191	< 0.0002	0.0188	< 0.0001
P2	14-Dec-07	0.219	< 0.0005	0.000004	0.00192	< 0.0002	0.0247	< 0.0001
P2	Total # samples	4	4	4	4	4	4	4
P2	MEAN	0.20625	0.00025	0.000003	0.0016975	0.0001275	0.015825	0.000068
P2	Median	0.2095	0.00025	0.0000035	0.00177	0.0001	0.01475	0.00005
P2	STD	0.0214	0	0	0.0003	0.0001	0.0073	0
P2	MINIMUM	0.179	< 0.0005	< 0.000002	0.00133	< 0.0002	0.0091	< 0.0001
P2	MAXIMUM	0.227	< 0.0005	0.000004	0.00192	0.00021	0.0247	0.00012
P2	# samples < MDL	0	4	1	0	3	0	3
P2	% samples < MDL	0	100	25	0	75	0	75
P2	Maximum MDL		< 0.0005	< 0.000002		< 0.0002		< 0.0001
P2	25th Percentile	0.194750001	0.0003	0.000002	0.0016	0.0001	0.0103	0.000050
P2	75th Percentile	0.220999998	0.0003	0.000004	0.0019	0.0001	0.0203	0.000067
P3	26-Sep-07	0.173	< 0.0005	< 0.000002	0.0014	0.00019	0.0079	0.00007
P3	24-Oct-07	0.196	< 0.0005	0.000003	0.00164	< 0.0002	0.0084	< 0.0001
P3	22-Nov-07	0.189	< 0.0005	< 0.000002	0.00184	< 0.0002	0.0055	< 0.0001
P3	14-Dec-07	0.211	< 0.0005	0.000002	0.00195	< 0.0002	0.0154	< 0.0001
P3	Total # samples	4	4	4	4	4	4	4
P3	MEAN	0.19225	0.00025	0.000002	0.0017075	0.0001225	0.0093	0.000055
P3	Median	0.1925	0.00025	0.0000015	0.00174	0.0001	0.00815	0.00005
P3	STD	0.0158	0	0	0.0002	0	0.0043	0
P3	MINIMUM	0.173	< 0.0005	< 0.000002	0.0014	0.00019	0.0055	0.00007
P3	MAXIMUM	0.211	< 0.0005	0.000003	0.00195	< 0.0002	0.0154	< 0.0001
P3	# samples < MDL	0	4	2	0	3	0	3
P3	% samples < MDL	0	100	50	0	75	0	75
P3	Maximum MDL		< 0.0005	< 0.000002		< 0.0002		< 0.0001
P3	25th Percentile	0.184999998	0.0003	0.000001	0.0016	0.0001	0.0073	0.000050
P3	75th Percentile	0.199749996	0.0003	0.000002	0.0019	0.0001	0.01015	0.000055
P4	26-Sep-07	0.154	0.0012	< 0.000002	0.00134	0.0002	0.0079	0.00017
P4	24-Oct-07	0.196	0.0006	0.000003	0.00167	< 0.0002	0.0075	< 0.0001
P4	22-Nov-07	0.21	< 0.0005	0.000003	0.00199	< 0.0002	0.0088	< 0.0001
P4	14-Dec-07	0.222	< 0.0005	0.000003	0.00208	< 0.0002	0.0164	< 0.0001
P4	Total # samples	4	4	4	4	4	4	4
P4	MEAN	0.1955	0.000575	0.0000025	0.00177	0.000125	0.01015	0.00008
P4	Median	0.203	0.000425	0.000003	0.00183	0.0001	0.00835	0.00005
P4	STD	0.0296	0.0004	0	0.0003	0	0.0042	0.0001
P4	MINIMUM	0.154	< 0.0005	< 0.000002	0.00134	< 0.0002	0.0075	< 0.0001
P4	MAXIMUM	0.222	0.0012	0.000003	0.00208	< 0.0002	0.0164	0.00017

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 3. Receiving Environment Dissolved Metals (2005-2007)

STATION	DATE	AG-D mg/L	AL-D mg/L	AS-D mg/L	BA-D mg/L	B-D mg/L	BE-D mg/L	BI-D mg/L	CA-D mg/L	CD-D mg/L	CO-D mg/L	CR-D mg/L	CU-D mg/L	FE-D mg/L	HG-D mg/L
P4	# samples < MDL	4	0	0	0	4	4	4	0	0	0	1	0	0	
P4	% samples < MDL	100	0	0	0	100	100	100	0	0	0	25	0	0	
P4	Maximum MDL	< 0.000005				< 0.005	< 0.000001	< 0.000005				< 0.0001			
P4	25th Percentile	0.000002	0.01	0.0003	0.07	0.0025	0.000005	0.000002	45.19999981	0.000100	0.000027	0.000087	0.0008	0.03	
P4	75th Percentile	0.000002	0.02	0.0004	0.09	0.0025	0.000005	0.000002	54.00000057	0.0001	0.0001	0.0002	0.0012	0.06	
R4	29-Mar-05	< 0.00025	< 0.005	< 0.001	0.081	< 0.05	< 0.001	< 0.001	65.6	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05	
R4	17-Aug-05	< 0.00025	< 0.005	< 0.001	0.049	< 0.05	< 0.001	< 0.001	40.4	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05	
R4	21-Feb-06	< 0.00025	< 0.005	< 0.001	0.076	< 0.05	< 0.001	< 0.001	63.8	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05	
R4	7-Aug-06	< 0.00025	0.01	< 0.001	0.045	< 0.05	< 0.001	< 0.001	41.6	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05	
R4	20-Feb-07	< 0.00025	0.005	< 0.001	0.083	< 0.05	< 0.001	< 0.001	71.3	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05	
R4	17-Aug-07	< 0.00025	< 0.005	< 0.001	0.063	< 0.05	< 0.001	< 0.001	52	< 0.0002	< 0.001	< 0.001	< 0.001	0.06	
R4	26-Sep-07	< 0.000005	0.0092	0.0002	0.0535	< 0.005	< 0.000001	< 0.000005	37.2	0.00002	0.00014	< 0.0001	0.0008	0.108	
R4	24-Oct-07	< 0.000005	0.003	0.00029	0.078	< 0.005	< 0.000001	< 0.000005	73.3	0.000037	0.000665	0.0005	0.00062	0.024	
R4	22-Nov-07	< 0.000005	0.002	0.00021	0.0705	< 0.005	< 0.000001	< 0.000005	59.5	0.000029	0.000036	0.0001	0.00068	0.021	
R4	14-Dec-07	< 0.000005	0.0023	0.0002	0.0805	< 0.005	< 0.000001	< 0.000005	66.2	0.000045	0.000049	0.0002	0.00125	0.016	
R4	Total # samples	10	10	10	10	10	10	10	10	10	10	10	10	10	
R4	Median	0.000125	0.0025	0.0005	0.0733	0.025	0.0005	0.0005	61.7	0.0001	0.0005	0.0005	0.0005	0.025	
R4	MEAN	0.000076	0.00415	0.00039	0.0680	0.016	0.000302	0.000301	57.1	0.000073	0.000389	0.000385	0.000635	0.0354	
R4	STD	0.0001	0.003	0.0001	0.0143	0.0116	0.0003	0.0003	13.4	0	0.0002	0.0002	0.0002	0.0281	
R4	MINIMUM	< 0.000005	0.002	0.0002	0.045	< 0.005	< 0.000001	< 0.000005	37.2	0.00002	0.000036	< 0.0001	0.00062	0.016	
R4	MAXIMUM	< 0.00025	0.01	< 0.001	0.083	< 0.05	< 0.001	< 0.001	73.3	< 0.0002	< 0.001	< 0.001	0.00125	0.108	
R4	# samples < MDL	10	4	6	0	10	10	10	0	6	6	7	6	5	
R4	% samples < MDL	100	40	60	0	100	100	100	0	60	60	70	60	50	
R4	Maximum MDL	< 0.00025	< 0.005	< 0.001		< 0.05	< 0.001	< 0.001		< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05	
R4	25th Percentile	0.000002	0.0025	0.00023	0.0559	0.0025	0.000005	0.000002	44.2	0.0000	0.00023	0.000275	0.0005	0.0243	
R4	75th Percentile	0.000125	0.0045	0.0005	0.0799	0.025	0.0005	0.0005	66.0	0.0001	0.0005	0.0005	0.000665	0.025	
R5	29-Mar-05	< 0.00025	< 0.005	< 0.001	0.089	< 0.05	< 0.001	< 0.001	71.2	< 0.0002	< 0.001	< 0.001	< 0.001	0.05	
R5	17-Aug-05	< 0.00025	< 0.005	< 0.001	0.051	< 0.05	< 0.001	< 0.001	34.2	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05	
R5	7-Aug-06	< 0.00025	0.009	< 0.001	0.056	< 0.05	< 0.001	< 0.001	36.5	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05	
R5	17-Aug-07	< 0.00025	< 0.005	< 0.001	0.071	< 0.05	< 0.001	< 0.001	34.9	< 0.0002	< 0.001	< 0.001	< 0.001	0.08	
R5	Total # samples	4	4	4	4	4	4	4	4	4	4	4	4	4	
R5	Median	0.000125	0.0025	0.0005	0.0635	0.025	0.0005	0.0005	35.7	0.0001	0.0005	0.0005	0.0005	0.0375	
R5	MEAN	0.000125	0.00413	0.0005	0.0668	0.025	0.0005	0.0005	44.2	0.0001	0.0005	0.0005	0.0005	0.045	
R5	STD	0	0.0033	0	0.0171	0	0	0	18.0	0	0	0	0	0.0261	
R5	MINIMUM	< 0.00025	< 0.005	< 0.001	0.051	< 0.05	< 0.001	< 0.001	34.2	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05	
R5	MAXIMUM	< 0.00025	0.009	< 0.001	0.089	< 0.05	< 0.001	< 0.001	71.2	< 0.0002	< 0.001	< 0.001	< 0.001	0.08	
R5	# samples < MDL	4	3	4	0	4	4	4	0	4	4	4	4	2	
R5	% samples < MDL	100	75	100	0	100	100	100	0	100	100	100	100	50	
R5	Maximum MDL	< 0.00025	< 0.005	< 0.001		< 0.05	< 0.001	< 0.001		< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05	
R5	25th Percentile	0.000125	0.0025	0.0005	0.0547	0.025	0.0005	0.0005	34.7	0.0001	0.0005	0.0005	0.0005	0.025	

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 3. Receiving Environment Dissolved Metals (2005-2007)

STATION	DATE	K-D mg/L	LI-D mg/L	MG-D mg/L	MN-D mg/L	MO-D mg/L	NA-D mg/L	NI-D mg/L	PB-D mg/L	P-D mg/L	SB-D mg/L	SE-D mg/L	SI-D mg/L	SN-D mg/L
P4	# samples < MDL	0	0	0	0	0	0	0	0		0	0	0	2
P4	% samples < MDL	0	0	0	0	0	0	0	0		0	0	0	50
P4	Maximum MDL													< 0.00001
P4	25th Percentile	0.786249994	0.0032	13.57499995	0.0100	0.0011	2.33750001	0.0030	0.00006		0.00018	0.00082	3.427500026	0.000005
P4	75th Percentile	0.995000005	0.0039	16.60000029	0.0137	0.0013	2.587499986	0.0034	0.00019		0.00043	0.0011	3.944999928	0.000012
R4	29-Mar-05	1.5	0.003	13.6	< 0.001	0.001	4.64	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	10.3	< 0.001
R4	17-Aug-05	0.9	0.003	9.18	0.3	0.0005	2.84	< 0.001	< 0.001	< 0.15	< 0.001	0.002	7	< 0.001
R4	21-Feb-06	1.4	0.004	13.8	0.023	0.0005	5.32	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	5.2	< 0.001
R4	7-Aug-06	1	0.003	8.31	0.14	0.0005	3.24	0.001	< 0.001	< 0.15	< 0.001	< 0.001	3.7	< 0.001
R4	20-Feb-07	1.5	0.004	14.8	0.014	0.0005	5.31	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4.8	< 0.001
R4	17-Aug-07	1.5	0.005	12	0.45	0.0005	4.89	0.002	< 0.001	< 0.15	< 0.001	< 0.001	3.4	< 0.001
R4	26-Sep-07	0.847	0.0025	7.77	0.0988	0.00055	3.31	< 0.00002	0.00023		0.00091	< 0.00004	4.33	< 0.00001
R4	24-Oct-07	1.63	0.005	14.9	0.973	0.00074	6.3	0.00216	0.000127		0.00014	0.00053	4.83	0.00001
R4	22-Nov-07	1.43	0.004	12.5	0.0948	0.00061	4.08	0.00096	0.00005		0.00011	0.00052	5.91	< 0.00001
R4	14-Dec-07	1.61	0.0041	13.5	0.0961	0.00057	4.69	0.00107	0.000064		0.00016	0.00061	4.48	0.00011
R4	Total # samples	10	10	10	10	10	10	10	10	6	10	10	10	10
R4	Median	1.47	0.004	13	0.09745	0.00053	4.67	0.00073	0.0005	0.075	0.0005	0.0005	4.82	0.0005
R4	MEAN	1.33	0.00376	12.0	0.21902	0.00060	4.46	0.00092	0.000347	0.075	0.000432	0.000618	5.40	0.00031
R4	STD	0.298	0.0009	2.67	0.2996	0.0002	1.09	0.0007	0.0002	0	0.0002	0.0005	2.01	0.0002
R4	MINIMUM	0.847	0.0025	7.77	< 0.001	0.0005	2.84	< 0.00002	0.00005	< 0.15	0.00011	< 0.00004	3.4	< 0.00001
R4	MAXIMUM	1.63	0.005	14.9	0.973	0.001	6.3	0.00216	< 0.001	< 0.15	< 0.001	0.002	10.3	< 0.001
R4	# samples < MDL	0	0	0	1	0	0	5	6	6	6	6	0	8
R4	% samples < MDL	0	0	0	10	0	0	50	60	100	60	60	0	80
R4	Maximum MDL				< 0.001			< 0.001	< 0.001	< 0.15	< 0.001	< 0.001		< 0.001
R4	25th Percentile	1.1	0.003	9.89	0.0410	0.0005	3.50	0.0005	0.000153	0.075000002	0.000245	0.0005	4.37	0.00003
R4	75th Percentile	1.5	0.00408	13.8	0.26	0.0006	5.20	0.00105	0.0005	0.075000001	0.0005	0.000528	5.73	0.0005
R5	29-Mar-05	1.6	0.004	14.7	0.001	0.001	4.95	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	11.3	< 0.001
R5	17-Aug-05	0.7	0.001	8.91	0.052	0.0008	1.27	< 0.001	< 0.001	< 0.15	< 0.001	0.001	7.3	< 0.001
R5	7-Aug-06	0.7	0.002	9.82	0.01	0.0009	1.56	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4	< 0.001
R5	17-Aug-07	0.9	< 0.005	10.6	0.034	0.001	1.83	< 0.001	< 0.001	< 0.15	< 0.001	0.001	3.3	< 0.001
R5	Total # samples	4	4	4	4	4	4	4	4	4	4	4	4	4
R5	Median	0.8	0.00225	10.2	0.022	0.00095	1.70	0.0005	0.0005	0.075	0.0005	0.00075	5.65	0.0005
R5	MEAN	0.975	0.00238	11.0	0.02425	0.00093	2.40	0.0005	0.0005	0.075	0.0005	0.00075	6.48	0.0005
R5	STD	0.427	0.0012	2.56	0.0232	0.0001	1.71	0	0	0	0	0.0003	3.66	0
R5	MINIMUM	0.7	0.001	8.91	0.001	0.0008	1.27	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	3.3	< 0.001
R5	MAXIMUM	1.6	< 0.005	14.7	0.052	0.001	4.95	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	11.3	< 0.001
R5	# samples < MDL	0	1	0	0	0	0	4	4	4	4	2	0	4
R5	% samples < MDL	0	25	0	0	0	0	100	100	100	100	50	0	100
R5	Maximum MDL		< 0.005					< 0.001	< 0.001	< 0.15	< 0.001	< 0.001		< 0.001
R5	25th Percentile	0.699999997	0.00175	9.59	0.00775	0.00087	1.49	0.0005	0.0005	0.075000001	0.0005	0.0005	3.82	0.0005

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 3. Receiving Environment Dissolved Metals (2005-2007)

STATION	DATE	SR-D mg/L	TI-D mg/L	TL-D mg/L	U-D mg/L	V-D mg/L	ZN-D mg/L	ZR-D mg/L
P4	# samples < MDL	0	2	1	0	3	0	3
P4	% samples < MDL	0	50	25	0	75	0	75
P4	Maximum MDL		< 0.0005	< 0.000002		< 0.0002		< 0.0001
P4	25th Percentile	0.1855	0.0003	0.000002	0.0016	0.00010	0.0078	0.000050
P4	75th Percentile	0.212999995	0.0008	0.000003	0.0020	0.00012	0.0107	0.000080
R4	29-Mar-05	0.2	< 0.001	< 0.0001	0.0026	< 0.001	< 0.005	< 0.01
R4	17-Aug-05	0.15	< 0.001	< 0.0001	0.001	< 0.001	0.014	< 0.01
R4	21-Feb-06	0.19	< 0.001	< 0.0001	0.0021	< 0.001	< 0.005	< 0.01
R4	7-Aug-06	0.14	< 0.001	< 0.0001	0.0008	< 0.001	0.007	< 0.01
R4	20-Feb-07	0.23	< 0.001	< 0.0001	0.0022	< 0.001	< 0.005	< 0.01
R4	17-Aug-07	0.19	< 0.001	< 0.0001	0.0014	< 0.001	< 0.005	< 0.01
R4	26-Sep-07	0.133	< 0.0005	< 0.000002	0.00107	0.00005	0.0119	0.00008
R4	24-Oct-07	0.242	< 0.0005	0.000009	0.00199	< 0.0002	0.0246	< 0.0001
R4	22-Nov-07	0.2	< 0.0005	0.000006	0.00185	< 0.0002	0.0163	< 0.0001
R4	14-Dec-07	0.216	< 0.0005	0.000005	0.00221	< 0.0002	0.0155	< 0.0001
R4	Total # samples	10	10	10	10	10	10	10
R4	Median	0.195	0.0005	0.00005	0.00192	0.0005	0.00945	0.005
R4	MEAN	0.1891	0.0004	0.000032	0.0017	0.000335	0.00993	0.00302
R4	STD	0.0373	0.0001	0	0.0006	0.0002	0.0077	0.0026
R4	MINIMUM	0.133	< 0.0005	< 0.000002	0.0008	0.00005	< 0.005	0.00008
R4	MAXIMUM	0.242	< 0.001	< 0.0001	0.0026	< 0.001	0.0246	< 0.01
R4	# samples < MDL	0	10	7	0	9	4	9
R4	% samples < MDL	0	100	70	0	90	40	90
R4	Maximum MDL		< 0.001	< 0.0001		< 0.001	< 0.005	< 0.01
R4	25th Percentile	0.160000004	0.00025	0.000007	0.00115	0.0001	0.0025	0.000057
R4	75th Percentile	0.212000001	0.0005	0.000050	0.00217	0.0005	0.0151	0.005
R5	29-Mar-05	0.22	< 0.001	< 0.0001	0.0027	< 0.001	< 0.005	< 0.01
R5	17-Aug-05	0.1	< 0.001	< 0.0001	0.0012	< 0.001	< 0.005	< 0.01
R5	7-Aug-06	0.098	< 0.001	< 0.0001	0.0012	< 0.001	< 0.005	< 0.01
R5	17-Aug-07	0.11	< 0.001	< 0.0001	0.0018	< 0.001	< 0.005	< 0.01
R5	Total # samples	4	4	4	4	4	4	4
R5	Median	0.105	0.0005	0.00005	0.0015	0.0005	0.0025	0.005
R5	MEAN	0.132	0.0005	0.00005	0.00173	0.0005	0.0025	0.005
R5	STD	0.0589	0	0	0.0007	0	0	0
R5	MINIMUM	0.098	< 0.001	< 0.0001	0.0012	< 0.001	< 0.005	< 0.01
R5	MAXIMUM	0.22	< 0.001	< 0.0001	0.0027	< 0.001	< 0.005	< 0.01
R5	# samples < MDL	0	4	4	0	4	4	4
R5	% samples < MDL	0	100	100	0	100	100	100
R5	Maximum MDL		< 0.001	< 0.0001		< 0.001	< 0.005	< 0.01
R5	25th Percentile	0.099499999	0.0005	0.00005	0.0012	0.0005	0.0025	0.005

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 3. Receiving Environment Dissolved Metals (2005-2007)

STATION	DATE	AG-D mg/L	AL-D mg/L	AS-D mg/L	BA-D mg/L	B-D mg/L	BE-D mg/L	BI-D mg/L	CA-D mg/L	CD-D mg/L	CO-D mg/L	CR-D mg/L	CU-D mg/L	FE-D mg/L	HG-D mg/L
R5	75th Percentile	0.000125	0.00412	0.0005	0.0755	0.025	0.0005	0.0005	45.2	0.0001	0.0005	0.0005	0.0005	0.057500001	
R11	29-Mar-05	< 0.00025	< 0.005	< 0.001	0.087	< 0.05	< 0.001	< 0.001	72.8	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05	
R11	17-Aug-05	< 0.00025	< 0.005	< 0.001	0.049	< 0.05	< 0.001	< 0.001	34.9	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05	
R11	21-Feb-06	< 0.00025	< 0.005	< 0.001	0.069	< 0.05	< 0.001	< 0.001	47.8	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05	
R11	7-Aug-06	< 0.00025	0.006	< 0.001	0.053	< 0.05	< 0.001	< 0.001	38.3	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05	
R11	20-Feb-07	< 0.00025	< 0.005	< 0.001	0.074	< 0.05	< 0.001	< 0.001	49.7	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05	
R11	17-Aug-07	< 0.00025	< 0.005	< 0.001	0.064	< 0.05	< 0.001	< 0.001	37.2	< 0.0002	< 0.001	< 0.001	< 0.001	0.07	
R11	Total # samples	6	6	6	6	6	6	6	6	6	6	6	6	6	
R11	Median	0.000125	0.0025	0.0005	0.0665	0.025	0.0005	0.0005	43.1	0.0001	0.0005	0.0005	0.0005	0.025	
R11	MEAN	0.000125	0.00308	0.0005	0.066	0.025	0.0005	0.0005	46.8	0.0001	0.0005	0.0005	0.0005	0.0325	
R11	STD	0	0.0014	0	0.014	0	0	0	14.1	0	0	0	0	0.0184	
R11	MINIMUM	< 0.00025	< 0.005	< 0.001	0.049	< 0.05	< 0.001	< 0.001	34.9	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05	
R11	MAXIMUM	< 0.00025	0.006	< 0.001	0.087	< 0.05	< 0.001	< 0.001	72.8	< 0.0002	< 0.001	< 0.001	< 0.001	0.07	
R11	# samples < MDL	6	5	6	0	6	6	6	0	6	6	6	6	5	
R11	% samples < MDL	100	83	100	0	100	100	100	0	100	100	100	100	83	
R11	Maximum MDL	< 0.00025	< 0.005	< 0.001		< 0.05	< 0.001	< 0.001		< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05	
R11	25th Percentile	0.000125	0.0025	0.0005	0.0557	0.025	0.0005	0.0005	37.5	0.0001	0.0005	0.0005	0.0005	0.025	
R11	75th Percentile	0.000125	0.0025	0.0005	0.0727	0.025	0.0005	0.0005	49.2	0.0001	0.0005	0.0005	0.0005	0.025	

Notes:

Statistics calculated for stations with 3 or more values in a dataset.

DL: Method Detection Limit

Method Detection Limit set to 1/2 method detection limit for statistical calculations

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 3. Receiving Environment Dissolved Metals (2005-2007)

STATION	DATE	K-D mg/L	LI-D mg/L	MG-D mg/L	MN-D mg/L	MO-D mg/L	NA-D mg/L	NI-D mg/L	PB-D mg/L	P-D mg/L	SB-D mg/L	SE-D mg/L	SI-D mg/L	SN-D mg/L
R5	75th Percentile	1.07	0.00287	11.6	0.038500001	0.001	2.61	0.0005	0.0005	0.075000002	0.0005	0.001	8.30	0.0005
R11	29-Mar-05	1.7	0.004	15.3	0.004	0.0011	5.33	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	12	< 0.001
R11	17-Aug-05	0.9	0.002	8.07	0.038	0.0007	1.84	< 0.001	< 0.001	< 0.15	< 0.001	0.001	6.6	< 0.001
R11	21-Feb-06	1.4	0.003	10.5	0.002	0.0009	3.41	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	5.2	< 0.001
R11	7-Aug-06	1	0.003	8.14	0.006	0.0007	2.48	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4	< 0.001
R11	20-Feb-07	1.4	0.003	10.7	0.001	0.001	3.36	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4.8	< 0.001
R11	17-Aug-07	1.2	< 0.005	9.35	0.026	0.0008	2.81	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	3.1	< 0.001
R11	Total # samples	6	6	6	6	6	6	6	6	6	6	6	6	6
R11	Median	1.3	0.003	9.93	0.005	0.00085	3.09	0.0005	0.0005	0.075	0.0005	0.0005	5	0.0005
R11	MEAN	1.27	0.00292	10.3	0.0128	0.000867	3.21	0.0005	0.0005	0.075	0.0005	0.000583	5.95	0.0005
R11	STD	0.294	0.0007	2.67	0.0154	0.0002	1.19	0	0	0	0	0.0002	3.19	0
R11	MINIMUM	0.9	0.002	8.07	0.001	0.0007	1.84	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	3.1	< 0.001
R11	MAXIMUM	1.7	< 0.005	15.3	0.038	0.0011	5.33	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	12	< 0.001
R11	# samples < MDL	0	1	0	0	0	0	6	6	6	6	5	0	6
R11	% samples < MDL	0	17	0	0	0	0	100	100	100	100	83	0	100
R11	Maximum MDL		< 0.005					< 0.001	< 0.001	< 0.15	< 0.001	< 0.001		< 0.001
R11	25th Percentile	1.05	0.00262	8.44	0.0025	0.000725	2.56	0.0005	0.0005	0.075000002	0.0005	0.0005	4.2	0.0005
R11	75th Percentile	1.40	0.003	10.65	0.021	0.000975	3.40	0.0005	0.0005	0.075000001	0.0005	0.0005	6.25	0.0005

Notes:

Statistics calculated for stations with 3 or more values in a dataset.

DL: Method Detection Limit

Method Detection Limit set to 1/2 method detection limit for statistical calculations

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 3. Receiving Environment Dissolved Metals (2005-2007)

STATION	DATE	SR-D mg/L	TI-D mg/L	TL-D mg/L	U-D mg/L	V-D mg/L	ZN-D mg/L	ZR-D mg/L
R5	75th Percentile	0.137	0.0005	0.00005	0.00202	0.0005	0.0025	0.005
R11	29-Mar-05	0.23	< 0.001	< 0.0001	0.0027	< 0.001	< 0.005	< 0.01
R11	17-Aug-05	0.11	< 0.001	< 0.0001	0.0012	< 0.001	< 0.005	< 0.01
R11	21-Feb-06	0.14	< 0.001	< 0.0001	0.002	< 0.001	< 0.005	< 0.01
R11	7-Aug-06	0.12	< 0.001	< 0.0001	0.0011	< 0.001	< 0.005	< 0.01
R11	20-Feb-07	0.15	< 0.001	< 0.0001	0.0021	< 0.001	< 0.005	< 0.01
R11	17-Aug-07	0.13	< 0.001	< 0.0001	0.0015	< 0.001	< 0.005	< 0.01
R11	Total # samples	6	6	6	6	6	6	6
R11	Median	0.135	0.0005	0.00005	0.00175	0.0005	0.0025	0.005
R11	MEAN	0.147	0.0005	0.00005	0.00177	0.0005	0.0025	0.005
R11	STD	0.0432	0	0	0.0006	0	0	0
R11	MINIMUM	0.11	< 0.001	< 0.0001	0.0011	< 0.001	< 0.005	< 0.01
R11	MAXIMUM	0.23	< 0.001	< 0.0001	0.0027	< 0.001	< 0.005	< 0.01
R11	# samples < MDL	0	6	6	0	6	6	6
R11	% samples < MDL	0	100	100	0	100	100	100
R11	Maximum MDL		< 0.001	< 0.0001		< 0.001	< 0.005	< 0.01
R11	25th Percentile	0.122	0.0005	0.00005	0.00128	0.0005	0.0025	0.005
R11	75th Percentile	0.148	0.0005	0.00005	0.00208	0.0005	0.0025	0.005

Notes:

Statistics calculated for stations with 3 or more values in a dataset.

DL: Method Detection Limit

Method Detection Limit set to 1/2 method detection limit for statistical calculations

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 4. Receiving Environment Surface Water Physical and Routine Parameters (1998-2007)

STATION	DATE	Color CU	Conductivity-L µS/cm	Hardnes s mg/L	Ammonia mg/L	pH-F pH unit	Sulfate mg/L	TSS mg/L	Turbidity NTU
P2	27-Sep-07		294	153	< 0.005	7.9	54.5	5	
P2	24-Oct-07		352	176	< 0.005	8.0	62.9	8	
P2	22-Nov-07		380	214	0.023	7.7	68.2	1	
P2	14-Dec-07		390	213	0.026	8.6	62.6	< 1	
P2	Total # samples		4	4	4	4.0	4	4	
P2	MEAN		354	189	0.01	8.1	62.05	3.625	
P2	Median		366	194.5	0.01	8.0	62.75	3	
P2	STD		43.11	29.81	0.01	0.4	5.65	3.54	
P2	MINIMUM		294	153	< 0.005	7.7	54.5	< 1	
P2	MAXIMUM		390	214	0.026	8.6	68.2	8	
P2	# samples < MDL		0	0	2	0.0	0	1	
P2	% samples < MDL		0	0	50	0.0	0	25	
P2	Maximum MDL				< 0.005			< 1	
P2	25th Percentile		337.5	170.25	0.002	7.8	60.58	0.875	
P2	75th Percentile		382.5	213.25	0.024	8.2	64.23	5.75	
P3	26-Sep-07		293	156	< 0.005	7.5	53.3	8	
P3	24-Oct-07		349	173	< 0.005	7.5	59.8	3	
P3	22-Nov-07		360	200	0.006	7.2	57.4	3	
P3	14-Dec-07		380	200	0.007	8.2	58.4	< 1	
P3	Total # samples		4	4	4	4.0	4	4	
P3	MEAN		345.5	182.25	0.0045	7.6	57.23	3.625	
P3	Median		354.5	186.5	0.00	7.5	57.9	3	
P3	STD		37.28	21.639	0.0023	0.4	2.80	3.1458	
P3	MINIMUM		293	156	< 0.005	7.2	53.3	< 1	
P3	MAXIMUM		380	200	0.007	8.2	59.8	8	
P3	# samples < MDL		0	0	2	0.0	0	1	
P3	% samples < MDL		0	0	50	0.0	0	25	
P3	Maximum MDL				< 0.005			< 1	
P3	25th Percentile		335	168.75	0.002	7.4	56.37499981	2.375	
P3	75th Percentile		365	200	0.006	7.6	58.75000114	4.25	
P4	26-Sep-07		271	142	< 0.005	8.0	45.4	4	
P4	24-Oct-07		351	173	< 0.005	8.4	60.1	7	
P4	22-Nov-07		370	187	0.025	7.2	61.2	1	
P4	14-Dec-07		390	209	0.008	8.1	61.1	< 1	
P4	Total # samples		4	4	4	4.0	4	4	
P4	MEAN		345.5	177.75	0.0095	7.9	56.95	3.125	
P4	Median		360.5	180	0.00525	8.0	60.6	2.5	
P4	STD		52.1568	28.0639	0.0107	0.5	7.716	3.0104	
P4	MINIMUM		271	142	< 0.005	7.2	45.4	< 1	
P4	MAXIMUM		390	209	0.025	8.4	61.2	7	

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 4. Receiving Environment Surface Water Physical and Routine Parameters (1998-2007)

STATION	DATE	Color CU	Conductivity-L µS/cm	Hardnes s mg/L	Ammonia mg/L	pH-F pH unit	Sulfate mg/L	TSS mg/L	Turbidity NTU
P4	# samples < MDL		0	0	2	0.0	0	1	
P4	% samples < MDL		0	0	50	0.0	0	25	
P4	Maximum MDL				< 0.005			< 1	
P4	25th Percentile		331	165.25	0.002	7.8	56.42500038	0.875	
P4	75th Percentile		375	192.5	0.012	8.2	61.12499886	4.75	
R4	5-Aug-98			196	< 0.05	8.2	24	3	
R4	9-Sep-98			172	< 0.05		93	3	
R4	10-Sep-98					8.3			
R4	17-Mar-99		565	262	< 0.05		149	3	
R4	01-Aug-00		315	118	< 0.05		69	1	
R4	20-Jul-04	7	251	164	0.01	8.2	54.1	< 1	0.5
R4	23-Aug-04	< 5	489	233	0.03	8.3	148	< 1	1.1
R4	29-Mar-05	< 5	386	258	< 0.01	7.6	81.6	1	0.34
R4	17-Aug-05	5	302	184	0.02	7.9	77.6	3	0.67
R4	21-Feb-06	< 5	489	250	0.01	7.7	127	< 1	0.26
R4	7-Aug-06	7	330	150	0.02	8.0	74.9	< 1	0.45
R4	20-Feb-07	< 5	514	262	0.02	8.4	126	< 1	0.19
R4	17-Aug-07	< 5	380	180	0.04	8.0	113	< 1	0.43
R4	26-Sep-07		238	117	< 0.005	8.2	26.4	1	
R4	24-Oct-07		497	233	0.042	8.2	125	< 1	
R4	22-Nov-07		370	181	0.014	7.3	69.6	< 1	
R4	14-Dec-07		420	213	0.016	7.3	77.6	1	
R4	Total # samples	8	14	16	16	14.0	16	16	8
R4	Median	2.5	383	190	0.02	8.1	79.6	0.75	0.44
R4	MEAN	3.94	396	198	0.0206	8.0	89.7	1.25	0.493
R4	STD	2.08	103	48.4	0.0111	0.4	38.7	1.06	0.287
R4	MINIMUM	< 5	238	117	< 0.005	7.3	24	< 1	0.19
R4	MAXIMUM	7	565	262	< 0.05	8.4	149	3	1.1
R4	# samples < MDL	5	0	0	6	0.0	0	8	0
R4	% samples < MDL	62	0	0	38	0.0	0	50	0
R4	Maximum MDL	< 5			< 0.05			< 1	
R4	25th Percentile	2.5	319	170	0.013	7.7	69.5	0.5	0.320
R4	75th Percentile	5.5	489	237	0.025	8.2	125	1.5	0.543
R5	5-Aug-98			161	< 0.05	8.3	9	3	
R5	9-Sep-98			145	< 0.05		31	2	
R5	10-Sep-98					8.4			
R5	01-Aug-00		250	101	< 0.05	8.4	20	2	
R5	06-Sep-00		257	107	< 0.05	8.4	18	3	
R5	20-Jul-04	5	223	142	0.01	8.4	21.4	< 1	0.3
R5	23-Aug-04	< 5	299	159	< 0.01	8.5	26.7	3	1.3
R5	29-Mar-05	< 5	383	272	< 0.01	7.5	80.3	< 1	0.47
R5	17-Aug-05	5	252	159	< 0.01	8.3	27.9	3	0.46

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 4. Receiving Environment Surface Water Physical and Routine Parameters (1998-2007)

STATION	DATE	Color CU	Conductivity-L µS/cm	Hardnes s mg/L	Ammonia mg/L	pH-F pH unit	Sulfate mg/L	TSS mg/L	Turbidity NTU
R5	7-Aug-06	< 5	279	141	< 0.01	8.1	21.7	< 1	0.46
R5	17-Aug-07	7	270	135	< 0.01	8.1	25.2	< 1	0.4
R5	Total # samples	6	8	10	10	10.0	10	10	6
R5	Median	3.75	264	144	0.0075	8.3	23.5	2	0.46
R5	MEAN	4.08	277	152	0.0135	8.2	28.1	1.8	0.565
R5	STD	1.88	48	46.9	0.01	0.3	19.3	1.18	0.366
R5	MINIMUM	< 5	223	101	< 0.01	7.5	9	< 1	0.3
R5	MAXIMUM	7	383	272	< 0.05	8.5	80.3	3	1.3
R5	# samples < MDL	3	0	0	9	0.0	0	4	0
R5	% samples < MDL	50	0	0	90	0.0	0	40	0
R5	Maximum MDL	< 5			< 0.05			< 1	
R5	25th Percentile	2.5	251.5	137	0.005	8.2	20.4	0.5	0.415
R5	75th Percentile	5	284	159	0.025	8.4	27.6	3	0.468
R11	20-Jul-04	5	248	150	< 0.01	8.4	60	1	0.56
R11	23-Aug-04	5	292	148	< 0.01	8.3	36.3	3	2
R11	29-Mar-05	< 5	383	290	< 0.01	7.4	81.9	< 1	0.27
R11	17-Aug-05	5	245	147	0.02	7.5	38.6	4	2.1
R11	21-Feb-06	< 5	355	182	0.02	7.9	48.7	< 1	0.3
R11	7-Aug-06	< 5	283	137	< 0.01	8.0	40.7	2	1.5
R11	20-Feb-07	< 5	337	185	0.03	8.2	47.9	< 1	0.3
R11	17-Aug-07	7	285	135	< 0.01	8.0	50.4	< 1	0.67
R11	Total # samples	8	8	8	8	8.0	8	8	8
R11	Median	3.75	289	149	0.005	8.0	48.3	0.75	0.615
R11	MEAN	4	304	172	0.0119	8.0	50.6	1.5	0.963
R11	STD	1.73	50.0	51.4	0.01	0.4	14.8	1.3628	0.781
R11	MINIMUM	< 5	245	135	< 0.01	7.4	36.3	< 1	0.27
R11	MAXIMUM	7	383	290	0.03	8.4	81.9	4	2.1
R11	# samples < MDL	4	0	0	5	0.0	0	4	0
R11	% samples < MDL	50	0	0	62	0.0	0	50	0
R11	Maximum MDL	< 5			< 0.01			< 1	
R11	25th Percentile	2.5	274	145	0.005	7.8	40.2	0.5	0.300
R11	75th Percentile	5	342	183	0.02	8.2	52.8	2.25	1.63

Notes:

Statistics calculated for stations with 3 or more values in a dataset.

DL: Method Detection Limit

Method Detection Limit set to 1/2 method detection limit for statistical calculations

Table 5. Receiving Environment Total Metals (1998-2007)

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

STATION	DATE	AG-T mg/L	AL-T mg/L	AS-T mg/L	BA-T mg/L	BE-T mg/L	BI-T mg/L	B-T mg/L	CA-T mg/L	CD-T mg/L	CN-T mg/L	CO-T mg/L	CR-T mg/L
P2	27-Sep-07	< 0.000005	0.131	0.0002	0.0753	< 0.00001	< 0.000005	< 0.005	39.5	0.00015		0.00014	0.0003
P2	24-Oct-07	< 0.000005	0.051	0.00054	0.0797	< 0.00001	< 0.000005	< 0.005	45.8	0.000204		0.000112	0.0001
P2	22-Nov-07	< 0.000005	0.0315	0.00042	0.0894	< 0.00001	< 0.000005	< 0.005	55.2	0.000179		0.00004	0.0002
P2	14-Dec-07	< 0.000005	0.0093	0.00031	0.0906	< 0.00001	< 0.000005	< 0.005	55.6	0.000179		0.000038	< 0.0001
P2	Total # samples	4	4	4	4	4	4	4	4	4		4	4
P2	MEAN	0.0000025	0.0557	0.0003675	0.08375	0.000005	0.0000025	0.0025	49.025	0.000178		0.0000825	0.0001625
P2	Median	0.0000025	0.04125	0.000365	0.08455	0.000005	0.0000025	0.0025	50.5	0.000179		0.000076	0.00015
P2	STD	0	0.053	0.0001	0.0075	0	0	0	7.7993	0		0.0001	0.0001
P2	MINIMUM	< 0.000005	0.0093	0.0002	0.0753	< 0.00001	< 0.000005	< 0.005	39.5	0.00015		0.000038	< 0.0001
P2	MAXIMUM	< 0.000005	0.131	0.00054	0.0906	< 0.00001	< 0.000005	< 0.005	55.6	0.000204		0.00014	0.0003
P2	# samples < MDL	4	0	0	0	4	4	4	0	0		0	1
P2	% samples < MDL	100	0	0	0	100	100	100	0	0		0	25
P2	Maximum MDL	< 0.000005				< 0.00001	< 0.000005	< 0.005					< 0.0001
P2	25th Percentile	0.000002	0.026	0.000282	0.079	0.000005	0.000002	0.002	44.225	0.000172		0.000039	0.000087
P2	75th Percentile	0.000002	0.071	0.000450	0.090	0.000005	0.000002	0.002	55.300	0.000185		0.000119	0.000225
P3	26-Sep-07	< 0.000005	0.177	0.0002	0.0787	< 0.00001	< 0.000005	< 0.005	40.9	0.00011		0.00019	0.0023
P3	24-Oct-07	< 0.000005	0.0461	0.00049	0.0782	< 0.00001	< 0.000005	< 0.005	45.4	0.000145		0.00007	< 0.0001
P3	22-Nov-07	< 0.000005	0.0131	0.00042	0.0974	< 0.00001	< 0.000005	< 0.005	55.8	0.000082		0.000039	0.0001
P3	14-Dec-07	< 0.000005	0.0069	0.00033	0.0904	< 0.00001	< 0.000005	< 0.005	54.4	0.000129		0.000032	0.0001
P3	Total # samples	4	4	4	4	4	4	4	4	4		4	4
P3	MEAN	0.0000025	0.060775	0.00036	0.086175	0.000005	0.0000025	0.0025	49.125	0.0001165		0.00008	0.0006375
P3	Median	0.0000025	0.0296	0.000375	0.08455	0.000005	0.0000025	0.0025	49.9	0.0001195		0.0000545	0.0001
P3	STD	0	0.0794	0.0001	0.0094	0	0	0	7.1626	0		0.0001	0.0011
P3	MINIMUM	< 0.000005	0.0069	0.0002	0.0782	< 0.00001	< 0.000005	< 0.005	40.9	0.000082		0.000032	< 0.0001
P3	MAXIMUM	< 0.000005	0.177	0.00049	0.0974	< 0.00001	< 0.000005	< 0.005	55.8	0.000145		0.00019	0.0023
P3	# samples < MDL	4	0	0	0	4	4	4	0	0		0	1
P3	% samples < MDL	100	0	0	0	100	100	100	0	0		0	25
P3	Maximum MDL	< 0.000005				< 0.00001	< 0.000005	< 0.005					< 0.0001
P3	25th Percentile	0.000002	0.012	0.00030	0.079	0.000005	0.000002	0.00250	44.275	0.00010		0.00004	0.000087
P3	75th Percentile	0.000002	0.079	0.00044	0.092	0.000005	0.000002	0.00250	54.750	0.00013		0.00010	0.000650
P4	26-Sep-07	< 0.000005	0.097	0.0002	0.0681	< 0.00001	< 0.000005	< 0.005	38.2	0.00009		0.0001	0.0007
P4	24-Oct-07	< 0.000005	0.0456	0.00053	0.0795	< 0.00001	< 0.000005	< 0.005	45.8	0.000177		0.000096	0.0001
P4	22-Nov-07	< 0.000005	0.0174	0.00044	0.0925	< 0.00001	< 0.000005	< 0.005	51.8	0.000099		0.000033	< 0.0001
P4	14-Dec-07	< 0.000005	0.0103	0.00036	0.0923	< 0.00001	< 0.000005	< 0.005	56	0.000147		0.000033	< 0.0001
P4	Total # samples	4	4	4	4	4	4	4	4	4		4	4
P4	MEAN	0.0000025	0.042575	0.0003825	0.0831	0.000005	0.0000025	0.0025	47.95	0.00012825		0.0000655	0.000225
P4	Median	0.0000025	0.0315	0.0004	0.0859	0.000005	0.0000025	0.0025	48.8	0.000123		0.0000645	0.000075
P4	STD	0	0.0394	0.0001	0.0117	0	0	0	7.7311	0		0	0.0003
P4	MINIMUM	< 0.000005	0.0103	0.0002	0.0681	< 0.00001	< 0.000005	< 0.005	38.2	0.00009		0.000033	< 0.0001
P4	MAXIMUM	< 0.000005	0.097	0.00053	0.0925	< 0.00001	< 0.000005	< 0.005	56	0.000177		0.0001	0.0007
P4	# samples < MDL	4	0	0	0	4	4	4	0	0		0	2

Table 5. Receiving Environment Total Metals (1998-2007)

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

STATION	DATE	CU-T mg/L	FE-T mg/L	HG-T mg/L	K-T mg/L	LI-T mg/L	MG-T mg/L	MN-T mg/L	MO-T mg/L	NA-T mg/L	NI-T mg/L	PB-T mg/L
P2	27-Sep-07	0.0013	0.247		0.664	0.0026	13.1	0.0196	0.00119	1.69	0.0049	0.00018
P2	24-Oct-07	0.00101	0.21		0.69	0.0036	14.9	0.0267	0.00127	2.05	0.00479	0.000189
P2	22-Nov-07	0.00108	0.076		0.91	0.0041	18.5	0.0114	0.00134	2.46	0.00469	0.000162
P2	14-Dec-07	0.00088	0.041		0.86	0.0046	17.9	0.013	0.00119	2.41	0.00419	0.000106
P2	Total # samples	4	4		4	4	4	4	4	4	4	4
P2	MEAN	0.0010675	0.1435		0.781	0.003725	16.1	0.017675	0.0012475	2.1525	0.0046425	0.00015925
P2	Median	0.001045	0.143		0.775	0.00385	16.4	0.0163	0.00123	2.23	0.00474	0.000171
P2	STD	0.0002	0.1003		0.1223	0.0009	2.5456	0.007	0.0001	0.3584	0.0003	0
P2	MINIMUM	0.00088	0.041		0.664	0.0026	13.1	0.0114	0.00119	1.69	0.00419	0.000106
P2	MAXIMUM	0.0013	0.247		0.91	0.0046	18.5	0.0267	0.00134	2.46	0.0049	0.000189
P2	# samples < MDL	0	0		0	0	0	0	0	0	0	0
P2	% samples < MDL	0	0		0	0	0	0	0	0	0	0
P2	Maximum MDL											
P2	25th Percentile	0.000978	0.067		0.683499994	0.0034	14.4500001	0.0126	0.00119	1.960000014	0.0046	0.0001
P2	75th Percentile	0.001	0.219249995		0.872500011	0.0042	18.04999971	0.0214	0.0013	2.422500064	0.0048	0.0002
P3	26-Sep-07	0.0014	0.261		0.769	0.0027	13	0.0201	0.00123	2.43	0.0046	0.00023
P3	24-Oct-07	0.0008	0.145		0.73	0.0036	14.4	0.0189	0.00131	2.13	0.0039	0.000087
P3	22-Nov-07	0.00079	0.05		1.3	0.0035	14.8	0.0095	0.00126	2.98	0.00233	0.000073
P3	14-Dec-07	0.00121	0.027		1.13	0.0039	15.7	0.0122	0.00111	2.65	0.00302	0.000074
P3	Total # samples	4	4		4	4	4	4	4	4	4	4
P3	MEAN	0.00105	0.12075		0.98225	0.003425	14.475	0.015175	0.0012275	2.5475	0.0034625	0.000116
P3	Median	0.001005	0.0975		0.9495	0.00355	14.6	0.01555	0.001245	2.54	0.00346	0.000081
P3	STD	0.0003	0.1065		0.278	0.0005	1.1236	0.0051	0.0001	0.3586	0.001	0.0001
P3	MINIMUM	0.00079	0.027		0.73	0.0027	13	0.0095	0.00111	2.13	0.00233	0.000073
P3	MAXIMUM	0.0014	0.261		1.3	0.0039	15.7	0.0201	0.00131	2.98	0.0046	0.00023
P3	# samples < MDL	0	0		0	0	0	0	0	0	0	0
P3	% samples < MDL	0	0		0	0	0	0	0	0	0	0
P3	Maximum MDL											
P3	25th Percentile	0.00080	0.044		0.759250005	0.0033	14.05	0.0115	0.0012	2.355000029	0.0028	0.000074
P3	75th Percentile	0.00126	0.173999997		1.172499996	0.0037	15.02500014	0.0192	0.0013	2.732500072	0.0041	0.000123
P4	26-Sep-07	0.0013	0.199		0.78	0.0025	11.3	0.0226	0.00109	2.52	0.0031	0.00026
P4	24-Oct-07	0.00096	0.181		0.78	0.0037	14.3	0.0267	0.00129	2.23	0.00383	0.000217
P4	22-Nov-07	0.00085	0.057		1.07	0.0037	14.1	0.0111	0.00126	2.3	0.00268	0.000168
P4	14-Dec-07	0.00096	0.036		0.99	0.0041	16.9	0.0145	0.00119	2.61	0.00358	0.000187
P4	Total # samples	4	4		4	4	4	4	4	4	4	4
P4	MEAN	0.0010175	0.11825		0.905	0.0035	14.15	0.018725	0.0012075	2.415	0.0032975	0.000208
P4	Median	0.00096	0.119		0.885	0.0037	14.2	0.01855	0.001225	2.41	0.00334	0.000202
P4	STD	0.0002	0.0836		0.148	0.0007	2.2884	0.0072	0.0001	0.1794	0.0005	0
P4	MINIMUM	0.00085	0.036		0.78	0.0025	11.3	0.0111	0.00109	2.23	0.00268	0.000168
P4	MAXIMUM	0.0013	0.199		1.07	0.0041	16.9	0.0267	0.00129	2.61	0.00383	0.00026
P4	# samples < MDL	0	0		0	0	0	0	0	0	0	0

Table 5. Receiving Environment Total Metals (1998-2007)

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

STATION	DATE	P-T mg/L	SB-T mg/L	SE-T mg/L	SI-T mg/L	SN-T mg/L	SR-T mg/L	TI-T mg/L	TL-T mg/L	U-T mg/L	V-T mg/L	ZN-T mg/L	ZR-T mg/L
P2	27-Sep-07	0.007	0.00037	0.0008	3.04	0.00007	0.165	0.0022	< 0.000002	0.00123	0.00067	0.0179	0.00035
P2	24-Oct-07	0.013	0.00018	0.00094	2.81	< 0.00001	0.201	0.0016	0.000004	0.00169	< 0.0002	0.0149	0.0001
P2	22-Nov-07	0.008	0.00022	0.00119	4.3	0.00002	0.228	0.0009	0.000004	0.00191	< 0.0002	0.0174	< 0.0001
P2	14-Dec-07	0.006	0.0002	0.00118	3.84	0.00002	0.234	< 0.0005	0.000004	0.00189	< 0.0002	0.0238	< 0.0001
P2	Total # samples	4	4	4	4	4	4	4	4	4	4	4	4
P2	MEAN	0.0085	0.0002425	0.0010275	3.4975	0.000029	0.207	0.0012375	0.000003	0.00168	0.0002425	0.0185	0.0001375
P2	Median	0.0075	0.00021	0.00106	3.44	0.00002	0.2145	0.00125	0.000004	0.00179	0.0001	0.01765	0.000075
P2	STD	0.0031	0.0001	0.0002	0.6936	0	0.0315	0.0008	0	0.0003	0.0003	0.0038	0.0001
P2	MINIMUM	0.006	0.00018	0.0008	2.81	< 0.00001	0.165	< 0.0005	< 0.000002	0.00123	< 0.0002	0.0149	< 0.0001
P2	MAXIMUM	0.013	0.00037	0.00119	4.3	0.00007	0.234	0.0022	0.000004	0.00191	0.00067	0.0238	0.00035
P2	# samples < MDL	0	0	0	0	1	0	1	1	0	3	0	2
P2	% samples < MDL	0	0	0	0	25	0	25	25	0	75	0	50
P2	Maximum MDL					< 0.00001		< 0.0005	< 0.000002		< 0.0002		< 0.0001
P2	25th Percentile	0.0068	0.0002	0.0009	2.982499986	0.000016	0.192000002	0.0007	0.000003	0.0016	0.000100	0.0168	0.000050
P2	75th Percentile	0.0093	0.0003	0.0012	3.954999936	0.000032	0.2295	0.0017	0.000004	0.0019	0.000242	0.0194	0.000162
P3	26-Sep-07	0.009	0.00016	0.0008	3.34	< 0.00001	0.171	0.0077	< 0.000002	0.00133	0.00066	0.0144	0.0002
P3	24-Oct-07	0.008	0.00019	0.00088	2.91	< 0.00001	0.196	0.0015	0.000003	0.00171	< 0.0002	0.0101	< 0.0001
P3	22-Nov-07	< 0.005	0.0002	0.00089	4.97	0.00001	0.198	< 0.0005	0.000004	0.00188	< 0.0002	0.0063	< 0.0001
P3	14-Dec-07	< 0.005	0.00021	0.00098	4	0.00002	0.209	< 0.0005	0.000003	0.00189	< 0.0002	0.0145	< 0.0001
P3	Total # samples	4	4	4	4	4	4	4	4	4	4	4	4
P3	MEAN	0.0055	0.00019	0.0008875	3.805	0.00001	0.1935	0.002425	0.000003	0.0017025	0.00024	0.011325	0.000088
P3	Median	0.00525	0.000195	0.000885	3.67	0.0000075	0.197	0.000875	0.000003	0.001795	0.0001	0.01225	0.00005
P3	STD	0.0035	0	0.0001	0.8968	0	0.0161	0.0036	0	0.0003	0.0003	0.0039	0.0001
P3	MINIMUM	< 0.005	0.00016	0.0008	2.91	< 0.00001	0.171	< 0.0005	< 0.000002	0.00133	< 0.0002	0.0063	< 0.0001
P3	MAXIMUM	0.009	0.00021	0.00098	4.97	0.00002	0.209	0.0077	0.000004	0.00189	0.00066	0.0145	0.0002
P3	# samples < MDL	2	0	0	0	2	0	2	1	0	3	0	3
P3	% samples < MDL	50	0	0	0	50	0	50	25	0	75	0	75
P3	Maximum MDL	< 0.005				< 0.00001		< 0.0005	< 0.000002		< 0.0002		< 0.0001
P3	25th Percentile	0.0025	0.0002	0.0009	3.232500021	0.000005	0.189750001	0.0003	0.000002	0.0016	0.0001	0.0092	0.000050
P3	75th Percentile	0.0083	0.0002	0.0009	4.2425	0.000012	0.200749999	0.0031	0.000003	0.0019	0.0002	0.0144	0.000087
P4	26-Sep-07	0.006	0.00013	0.0007	3.4	< 0.00001	0.145	0.002	< 0.000002	0.00136	0.0005	0.014	0.00018
P4	24-Oct-07	0.008	0.00018	0.0009	3.02	< 0.00001	0.196	0.0011	0.000004	0.00175	< 0.0002	0.0107	< 0.0001
P4	22-Nov-07	< 0.005	0.00021	0.0009	3.72	< 0.00001	0.208	< 0.0005	0.000003	0.00196	0.0003	0.0078	< 0.0001
P4	14-Dec-07	< 0.005	0.00022	0.00108	4.01	0.00002	0.222	< 0.0005	0.000004	0.00203	< 0.0002	0.0175	< 0.0001
P4	Total # samples	4	4	4	4	4	4	4	4	4	4	4	4
P4	MEAN	0.00475	0.000185	0.000895	3.5375	0.000009	0.19275	0.0009	0.000003	0.001775	0.00025	0.0125	0.000083
P4	Median	0.00425	0.000195	0.0009	3.56	0.000005	0.202	0.000675	0.0000035	0.001855	0.0002	0.01235	0.00005
P4	STD	0.0027	0	0.0002	0.4255	0	0.0336	0.0008	0	0.0003	0.0002	0.0042	0.0001
P4	MINIMUM	< 0.005	0.00013	0.0007	3.02	< 0.00001	0.145	< 0.0005	< 0.000002	0.00136	< 0.0002	0.0078	< 0.0001
P4	MAXIMUM	0.008	0.00022	0.00108	4.01	0.00002	0.222	0.002	0.000004	0.00203	0.0005	0.0175	0.00018
P4	# samples < MDL	2	0	0	0	3	0	2	1	0	2	0	3

Table 5. Receiving Environment Total Metals (1998-2007)

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

STATION	DATE	AG-T mg/L	AL-T mg/L	AS-T mg/L	BA-T mg/L	BE-T mg/L	BI-T mg/L	B-T mg/L	CA-T mg/L	CD-T mg/L	CN-T mg/L	CO-T mg/L	CR-T mg/L
P4	% samples < MDL	100	0	0	0	100	100	100	0	0		0	50
P4	Maximum MDL	< 0.000005				< 0.00001	< 0.000005	< 0.005					< 0.0001
P4	25th Percentile	0.000002	0.016	0.00032	0.077	0.000005	0.000002	0.00250	43.90000019	0.00010		0.00003	0.00005
P4	75th Percentile	0.000002	0.058	0.00046	0.092	0.000005	0.000002	0.00250	52.84999943	0.00015		0.00010	0.00025
R4	5-Aug-98	< 0.0006	0.06	< 0.004	0.0676	0.0002	< 0.008	0.07	57.47	0.0006	0.01	< 0.001	< 0.001
R4	9-Sep-98	0.001	0.1	< 0.005	0.159	< 0.001	< 0.04	< 0.05	52	0.001	< 0.01	< 0.005	0.037
R4	17-Mar-99	< 0.003	0.23	< 0.005	0.092	< 0.001	< 0.04	0.17	81.3	< 0.001		< 0.005	0.207
R4	01-Aug-00	< 0.0001	0.085	< 0.001	0.0598	0.0003	< 0.001	0.036	39.1	< 0.0001	< 0.01	< 0.0002	< 0.0002
R4	20-Jul-04	< 0.00025	0.012	< 0.001	0.064	< 0.001	< 0.001	< 0.05	48	< 0.0002		< 0.001	< 0.001
R4	23-Aug-04	< 0.00025	< 0.005	< 0.001	0.074	< 0.001	< 0.001	< 0.05	67.7	0.0006		< 0.001	< 0.001
R4	29-Mar-05	0.0006	0.018	< 0.001	0.1	< 0.001	< 0.001	< 0.05	77.4	< 0.0002		< 0.001	< 0.001
R4	17-Aug-05	< 0.00025	0.018	0.001	0.066	< 0.001	< 0.001	< 0.05	53.6	< 0.0002		< 0.001	< 0.001
R4	21-Feb-06	< 0.00025	< 0.005	< 0.001	0.086	< 0.001	< 0.001	< 0.05	73.6	< 0.0002		< 0.001	< 0.001
R4	7-Aug-06	< 0.00025	0.019	< 0.001	0.05	< 0.001	< 0.001	< 0.05	45.2	< 0.0002		< 0.001	< 0.001
R4	20-Feb-07	< 0.00025	0.006	< 0.001	0.089	< 0.001	< 0.001	< 0.05	77.6	< 0.0002		< 0.001	< 0.001
R4	17-Aug-07	< 0.00025	0.008	< 0.001	0.064	< 0.001	< 0.001	< 0.05	52.5	< 0.0002		< 0.001	< 0.001
R4	26-Sep-07	< 0.000005	0.0209	< 0.00002	0.0529	< 0.00001	< 0.000005	< 0.005	34.6	0.00001		0.00011	0.0006
R4	24-Oct-07	< 0.000005	0.0054	0.00029	0.076	< 0.00001	< 0.000005	< 0.005	69.6	0.00006		0.00064	0.0005
R4	22-Nov-07	0.000019	0.005	0.00019	0.0743	< 0.00001	< 0.000005	< 0.005	55.4	0.000022		0.000045	0.0001
R4	14-Dec-07	< 0.000005	0.0046	0.00022	0.0808	< 0.00001	< 0.000005	< 0.005	63.7	0.00002		0.000057	0.0001
R4	Total # samples	16	16	16	16	16	16	16	16	16	3	16	16
R4	Median	0.000125	0.015	0.0005	0.07415	0.0005	0.0005	0.025	56.4	0.0001	0.005	0.0005	0.0005
R4	MEAN	0.000272	0.0373	0.000794	0.0785	0.000345	0.00303	0.0319	59.3	0.000223	0.00667	0.000653	0.0156
R4	STD	0.0004	0.0596	0.0008	0.0256	0.0002	0.0067	0.0404	14.2	0.0003	0.0029	0.0007	0.0518
R4	MINIMUM	< 0.000005	0.0046	< 0.00002	0.05	< 0.00001	< 0.000005	< 0.005	34.6	0.00001	< 0.01	0.000045	0.0001
R4	MAXIMUM	< 0.003	0.23	< 0.005	0.159	< 0.001	< 0.04	0.17	81.3	< 0.001	< 0.01	< 0.005	0.207
R4	# samples < MDL	13	2	12	0	14	16	13	0	9	2	12	10
R4	% samples < MDL	81	12	75	0	88	100	81	0	56	67	75	62
R4	Maximum MDL	< 0.003	< 0.005	< 0.005		< 0.001	< 0.04	< 0.05		< 0.001	< 0.01	< 0.005	< 0.001
R4	25th Percentile	0.00004	0.0053	0.000447	0.064000001	0.000151	0.000376	0.0194	51	0.00006	0.005	0.000403	0.0005
R4	75th Percentile	0.000169	0.0307	0.000625	0.08675	0.0005	0.0005	0.025	70.6	0.0002	0.0075	0.0005	0.0005
R5	5-Aug-98	< 0.0006	0.05	< 0.004	0.0762	< 0.0002	< 0.008	0.05	44.84	< 0.0004	< 0.01	< 0.001	0.002
R5	9-Sep-98	< 0.001	0.08	< 0.005	0.155	< 0.001	< 0.04	< 0.05	41.9	< 0.001		< 0.005	0.022
R5	01-Aug-00	< 0.0001	0.08	< 0.001	0.0631	0.0002	< 0.001	0.034	32.5	< 0.0001		< 0.0002	< 0.0002
R5	06-Sep-00	< 0.0001	0.109	< 0.001	0.0827	0.0003	< 0.001	0.055	31.201	< 0.0001		0.0012	< 0.0002
R5	20-Jul-04	< 0.00025	0.014	< 0.001	0.064	< 0.001	< 0.001	< 0.05	39.4	< 0.0002		< 0.001	< 0.001
R5	23-Aug-04	< 0.00025	0.01	< 0.001	0.074	< 0.001	< 0.001	< 0.05	44.8	0.0005		< 0.001	< 0.001
R5	29-Mar-05	0.0006	0.017	< 0.001	0.1	< 0.001	< 0.001	< 0.05	81.5	< 0.0002		< 0.001	< 0.001
R5	17-Aug-05	< 0.00025	0.03	< 0.001	0.066	< 0.001	< 0.001	< 0.05	44.5	< 0.0002		< 0.001	< 0.001
R5	7-Aug-06	< 0.00025	0.019	< 0.001	0.063	< 0.001	< 0.001	< 0.05	39.3	< 0.0002		< 0.001	< 0.001
R5	17-Aug-07	< 0.00025	0.017	< 0.001	0.077	< 0.001	< 0.001	< 0.05	36.3	< 0.0002		< 0.001	< 0.001
R5	Total # samples	10	10	10	10	10	10	10	10	10	1	10	10
R5	Median	0.000125	0.0245	0.0005	0.0751	0.0005	0.0005	0.025	40.7	0.0001	0.005	0.0005	0.0005
R5	MEAN	0.000213	0.0426	0.00085	0.0821	0.00041	0.0028	0.0314	43.6	0.00018	0.005	0.00073	0.00272
R5	STD	0.0002	0.0352	0.0007	0.028	0.0002	0.0061	0.0115	14.2	0.0002		0.0007	0.0068

Table 5. Receiving Environment Total Metals (1998-2007)

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

STATION	DATE	CU-T mg/L	FE-T mg/L	HG-T mg/L	K-T mg/L	LI-T mg/L	MG-T mg/L	MN-T mg/L	MO-T mg/L	NA-T mg/L	NI-T mg/L	PB-T mg/L
P4	% samples < MDL	0	0		0	0	0	0	0	0	0	0
P4	Maximum MDL											
P4	25th Percentile	0.00093	0.052		0.779999993	0.0034	13.40000005	0.0136	0.0012	2.282500005	0.0030	0.0002
P4	75th Percentile	0.00104	0.185499996		1.010000007	0.0038	14.95000014	0.0236	0.0013	2.542499986	0.0036	0.0002
R4	5-Aug-98	0.0032	0.144	< 0.1	1.9		12.08	0.271	0.0047	7.5	0.007	< 0.004
R4	9-Sep-98	0.035	0.17	< 0.1	1.3		10.8	0.48	< 0.002	7	0.007	< 0.01
R4	17-Mar-99	0.025	0.06		1		14.2	0.08	< 0.002	10	< 0.005	< 0.01
R4	01-Aug-00	0.0073	0.169		1.38		7.989	0.263	0.0034	4.04	0.0093	0.003
R4	20-Jul-04	0.002	0.14	< 0.00002	1.4	0.004	10.6	0.13	0.0007	4.22	0.001	< 0.001
R4	23-Aug-04	< 0.001	0.2	< 0.00002	2	0.006	15.5	0.47	0.0007	6.73	0.002	0.001
R4	29-Mar-05	< 0.001	0.1	< 0.00002	1.9	0.004	15.7	0.017	0.0012	5.48	< 0.001	< 0.001
R4	17-Aug-05	< 0.001	0.11	0.00002	1.4	0.005	12.1	0.41	0.0007	3.95	0.001	< 0.001
R4	21-Feb-06	< 0.001	< 0.05	< 0.00002	1.7	0.004	15.9	0.03	0.0006	6.16	< 0.001	< 0.001
R4	7-Aug-06	< 0.001	0.11	< 0.00002	1.1	0.004	8.94	0.17	0.0005	3.53	0.001	< 0.001
R4	20-Feb-07	< 0.001	< 0.05	< 0.00002	1.8	0.004	16.4	0.026	0.0006	5.91	0.001	< 0.001
R4	17-Aug-07	< 0.001	0.17	< 0.00002	1.6	0.005	12	0.47	0.0005	4.94	0.002	< 0.001
R4	26-Sep-07	0.0008	0.15	0.00001	0.899	0.0019	7.43	0.124	0.00054	2.79	0.0005	0.00038
R4	24-Oct-07	0.00103	0.081		1.56	0.0051	14.4	0.938	0.00071	6.03	0.00203	0.000416
R4	22-Nov-07	0.0005	0.048		1.31	0.0037	10.5	0.0949	0.00059	3.38	0.00079	0.000129
R4	14-Dec-07	0.00061	0.047		1.45	0.004	13	0.109	0.00053	4.45	0.00082	0.000177
R4	Total # samples	16	16	11	16	12	16	16	16	16	16	16
R4	Median	0.000555	0.11	0.00001	1.43	0.004	12.1	0.15	0.0007	5.21	0.001	0.0005
R4	MEAN	0.00493	0.1093	0.0091	1.48	0.00423	12.3	0.255	0.00112	5.38	0.00243	0.00129
R4	STD	0.0101	0.0566	0.0202	0.326	0.001	2.85	0.247	0.0012	1.86	0.0028	0.0016
R4	MINIMUM	0.0005	0.047	0.00001	0.899	0.0019	7.43	0.017	0.0005	2.79	0.0005	0.000129
R4	MAXIMUM	0.035	0.2	< 0.1	2	0.006	16.4	0.938	0.0047	10	0.0093	< 0.01
R4	# samples < MDL	7	2	9	0	0	0	0	2	0	3	10
R4	% samples < MDL	44	12	82	0	0	0	0	12	0	19	62
R4	Maximum MDL	< 0.001	< 0.05	< 0.1					< 0.002		< 0.005	< 0.01
R4	25th Percentile	0.0005	0.057	0.00001	1.31	0.004	10.6	0.0912	0.00058	4.02	0.00081	0.000479
R4	75th Percentile	0.0023	0.155	0.00001	1.73	0.005	14.7	0.424999997	0.001	6.30	0.00215	0.00125
R5	5-Aug-98	0.0033	0.102	< 0.1	1.1		11.29	0.057	0.0048	3.2	0.004	< 0.004
R5	9-Sep-98	0.036	0.11	< 0.1	< 1		10	0.06	< 0.002	3	0.011	< 0.01
R5	01-Aug-00	0.0041	0.118		1.05		8.263	0.0359	0.0051	1.66	0.0021	< 0.001
R5	06-Sep-00	0.0139	0.293		1.15		8.425	0.0177	0.0032	2.43	0.0007	< 0.001
R5	20-Jul-04	< 0.001	0.07	< 0.00002	1.2	0.002	10.6	0.014	0.0012	2.05	< 0.001	< 0.001
R5	23-Aug-04	0.001	0.2	< 0.00002	1.3	0.002	11.5	0.032	0.0014	2.14	< 0.001	< 0.001
R5	29-Mar-05	< 0.001	0.11	< 0.00002	2	0.004	16.7	0.019	0.0013	5.75	< 0.001	< 0.001
R5	17-Aug-05	< 0.001	< 0.05	< 0.00002	1	0.002	11.7	0.077	0.0009	1.78	< 0.001	< 0.001
R5	7-Aug-06	< 0.001	0.11	< 0.00002	0.9	0.002	10.5	0.016	0.001	1.67	< 0.001	< 0.001
R5	17-Aug-07	0.001	0.17	< 0.00002	1	< 0.005	10.8	0.037	0.001	1.87	< 0.001	< 0.001
R5	Total # samples	10	10	8	10	6	10	10	10	10	10	10
R5	Median	0.001	0.11	0.00001	1.08	0.002	10.7	0.0340	0.00125	2.10	0.0005	0.0005
R5	MEAN	0.00613	0.131	0.0125	1.12	0.00242	11.0	0.0366	0.00209	2.56	0.00208	0.0011
R5	STD	0.0113	0.0744	0.0231	0.377	0.0008	2.33	0.0217	0.0017	1.24	0.0033	0.0014

Table 5. Receiving Environment Total Metals (1998-2007)

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

STATION	DATE	P-T mg/L	SB-T mg/L	SE-T mg/L	SI-T mg/L	SN-T mg/L	SR-T mg/L	TI-T mg/L	TL-T mg/L	U-T mg/L	V-T mg/L	ZN-T mg/L	ZR-T mg/L
P4	% samples < MDL	50	0	0	0	75	0	50	25	0	50	0	75
P4	Maximum MDL	< 0.005				< 0.00001		< 0.0005	< 0.000002		< 0.0002		< 0.0001
P4	25th Percentile	0.0025	0.0002	0.0008	3.304999995	0.000005	0.183249999	0.0003	0.000002	0.0017	0.0001	0.0100	0.000050
P4	75th Percentile	0.0065	0.0002	0.0009	3.792500021	0.000009	0.211500003	0.0013	0.000004	0.0020	0.0004	0.0149	0.000082
R4	5-Aug-98	0.624	0.009	< 0.001	4.034	< 0.002	0.2086	0.004			< 0.001	0.023	
R4	9-Sep-98	0.06	< 0.03	< 0.005	3.14	< 0.01	0.199	0.017			< 0.005	0.12	
R4	17-Mar-99	0.59	< 0.03	< 0.03	3.9	< 0.01	0.256	0.007			< 0.005	0.05	
R4	01-Aug-00	0.2	< 0.001	< 0.001	4.32	< 0.0004	0.1498	0.012			0.0014	0.0288	
R4	20-Jul-04	< 0.15	< 0.001	< 0.001	9	< 0.001	0.18	< 0.001	< 0.0001	0.0014	< 0.001	0.008	< 0.01
R4	23-Aug-04	< 0.15	< 0.001	< 0.001	8.7	< 0.001	0.24	< 0.001	< 0.0001	0.0015	< 0.001	0.013	< 0.01
R4	29-Mar-05	< 0.15	< 0.001	< 0.001	11.9	< 0.001	0.24	< 0.001	< 0.0001	0.003	< 0.001	< 0.005	< 0.01
R4	17-Aug-05	< 0.15	< 0.001	0.002	8.4	< 0.001	0.2	< 0.001	< 0.0001	0.0014	< 0.001	0.025	< 0.01
R4	21-Feb-06	< 0.15	< 0.001	< 0.001	5.5	< 0.001	0.24	< 0.001	< 0.0001	0.0024	< 0.001	0.005	< 0.01
R4	7-Aug-06	< 0.15	< 0.001	< 0.001	4.1	< 0.001	0.15	< 0.001	< 0.0001	0.0009	< 0.001	0.011	< 0.01
R4	20-Feb-07	< 0.15	< 0.001	< 0.001	4.9	< 0.001	0.26	< 0.001	< 0.0001	0.0024	< 0.001	< 0.005	< 0.01
R4	17-Aug-07	< 0.15	< 0.001	< 0.001	3.5	< 0.001	0.19	< 0.001	< 0.0001	0.0015	< 0.001	0.012	< 0.01
R4	26-Sep-07	< 0.005	0.00009	< 0.00004	4.08	< 0.00001	0.125	< 0.0005	< 0.000002	0.00111	0.0001	0.0156	0.00011
R4	24-Oct-07	< 0.005	0.00013	0.00049	4.27	0.00018	0.245	< 0.0005	0.000009	0.00204	< 0.0002	0.0244	< 0.0001
R4	22-Nov-07	< 0.005	0.00011	0.00044	4.59	< 0.00001	0.194	< 0.0005	0.000006	0.0018	< 0.0002	0.0147	< 0.0001
R4	14-Dec-07	< 0.005	0.00011	0.00055	5.46	< 0.00001	0.216	< 0.0005	0.000005	0.00221	< 0.0002	0.0131	< 0.0001
R4	Total # samples	16	16	16	16	16	16	16	12	12	16	16	12
R4	Median	0.075	0.0005	0.0005	4.46	0.0005	0.204	0.0005	0.00005	0.00165	0.0005	0.0139	0.005
R4	MEAN	0.130	0.00275	0.00159	5.61	0.000962	0.206	0.00281	0.000035	0.00181	0.00071	0.0230	0.00336
R4	STD	0.192	0.0052	0.0036	2.50	0.0016	0.0404	0.005	0	0.0006	0.0008	0.0285	0.0024
R4	MINIMUM	< 0.005	0.00009	< 0.00004	3.14	< 0.00001	0.125	< 0.0005	< 0.000002	0.0009	0.0001	< 0.005	< 0.0001
R4	MAXIMUM	0.624	< 0.03	< 0.03	11.9	< 0.01	0.26	0.017	< 0.0001	0.003	< 0.005	0.12	< 0.01
R4	# samples < MDL	12	11	12	0	15	0	12	9	0	14	2	11
R4	% samples < MDL	75	69	75	0	94	0	75	75	0	88	12	92
R4	Maximum MDL	< 0.15	< 0.03	< 0.03		< 0.01		< 0.001	< 0.0001		< 0.005	< 0.005	< 0.01
R4	25th Percentile	0.0456	0.0004	0.0005	4.07	0.000195	0.188	0.00044	0.000008	0.0014	0.0004	0.0103	0.000095
R4	75th Percentile	0.075000002	0.0005	0.00051	6.23	0.0005	0.239999996	0.00138	0.000050	0.00226	0.0005	0.0245	0.005000
R5	5-Aug-98	1.631	0.007	< 0.001	3.953	< 0.002	0.1515	0.003			< 0.001	0.01	
R5	9-Sep-98	0.25	< 0.03	< 0.005	2.83	< 0.01	0.138	0.011			< 0.005	0.07	
R5	01-Aug-00	0.8	< 0.001	< 0.001	4.03	< 0.0004	0.1067	0.0093			0.0013	0.007	
R5	06-Sep-00	< 0.2	< 0.001	< 0.001	5.597	< 0.0004	0.1073	0.0216			< 0.0002	0.0202	
R5	20-Jul-04	< 0.15	< 0.001	< 0.001	9.8	< 0.001	0.11	< 0.001	< 0.0001	0.0015	< 0.001	< 0.005	< 0.01
R5	23-Aug-04	< 0.15	< 0.001	< 0.001	9.7	< 0.001	0.13	< 0.001	< 0.0001	0.0017	< 0.001	0.008	< 0.01
R5	29-Mar-05	< 0.15	< 0.001	< 0.001	12.4	< 0.001	0.26	< 0.001	< 0.0001	0.0032	< 0.001	0.007	< 0.01
R5	17-Aug-05	< 0.15	< 0.001	0.001	8.6	< 0.001	0.13	< 0.001	< 0.0001	0.0016	< 0.001	< 0.005	< 0.01
R5	7-Aug-06	< 0.15	< 0.001	< 0.001	4.2	< 0.001	0.11	< 0.001	< 0.0001	0.0014	< 0.001	< 0.005	< 0.01
R5	17-Aug-07	< 0.15	< 0.001	0.001	3.4	< 0.001	0.11	< 0.001	< 0.0001	0.0018	< 0.001	< 0.005	< 0.01
R5	Total # samples	10	10	10	10	10	10	10	6	6	10	10	6
R5	Median	0.075	0.0005	0.0005	4.90	0.0005	0.12	0.0005	0.00005	0.00165	0.0005	0.007	0.005
R5	MEAN	0.323	0.0026	0.0008	6.45	0.00094	0.135	0.00479	0.00005	0.00187	0.00074	0.0132	0.005
R5	STD	0.512	0.0048	0.0006	3.37	0.0014	0.0464	0.0071	0	0.0007	0.0007	0.0207	0

Table 5. Receiving Environment Total Metals (1998-2007)

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

STATION	DATE	AG-T mg/L	AL-T mg/L	AS-T mg/L	BA-T mg/L	BE-T mg/L	BI-T mg/L	B-T mg/L	CA-T mg/L	CD-T mg/L	CN-T mg/L	CO-T mg/L	CR-T mg/L
R5	MINIMUM	< 0.0001	0.01	< 0.001	0.063	< 0.0002	< 0.001	0.034	31.2	< 0.0001	< 0.01	< 0.0002	< 0.0002
R5	MAXIMUM	< 0.001	0.109	< 0.005	0.155	< 0.001	< 0.04	0.055	81.5	< 0.001	< 0.01	< 0.005	0.022
R5	# samples < MDL	9	0	10	0	8	10	7	0	9	1	9	8
R5	% samples < MDL	90	0	100	0	80	100	70	0	90	100	90	80
R5	Maximum MDL	< 0.001		< 0.005		< 0.001	< 0.04	< 0.05		< 0.001	< 0.01	< 0.005	< 0.001
R5	25th Percentile	0.000125	0.017000001	0.0005	0.064500002	0.00035	0.0005	0.025	37.0	0.00010	0.005	0.0005	0.0005
R5	75th Percentile	0.000256	0.0725	0.0005	0.0813	0.0005	0.0005	0.0318	44.7	0.000175	0.005	0.0005	0.0005
R11	20-Jul-04	< 0.00025	0.035	< 0.001	0.064	< 0.001	< 0.001	< 0.05	43.2	< 0.0002		< 0.001	< 0.001
R11	23-Aug-04	< 0.00025	0.042	< 0.001	0.069	< 0.001	< 0.001	< 0.05	43.2	< 0.0002		< 0.001	< 0.001
R11	29-Mar-05	0.0009	0.023	0.001	0.1	< 0.001	< 0.001	< 0.05	85.9	< 0.0002		< 0.001	< 0.001
R11	17-Aug-05	< 0.00025	0.061	0.001	0.064	< 0.001	< 0.001	< 0.05	42.7	< 0.0002		< 0.001	< 0.001
R11	21-Feb-06	< 0.00025	0.007	< 0.001	0.081	< 0.001	< 0.001	< 0.05	53.6	< 0.0002		< 0.001	< 0.001
R11	7-Aug-06	< 0.00025	0.038	< 0.001	0.056	< 0.001	< 0.001	< 0.05	40.2	< 0.0002		< 0.001	< 0.001
R11	20-Feb-07	< 0.00025	0.009	< 0.001	0.08	< 0.001	< 0.001	< 0.05	54.6	< 0.0002		< 0.001	< 0.001
R11	17-Aug-07	< 0.00025	0.019	< 0.001	0.07	< 0.001	< 0.001	< 0.05	38.3	< 0.0002		< 0.001	< 0.001
R11	Total # samples	8	8	8	8	8	8	8	8	8		8	8
R11	Median	0.000125	0.029	0.0005	0.0695	0.0005	0.0005	0.025	43.2	0.0001		0.0005	0.0005
R11	MEAN	0.000222	0.02925	0.000625	0.073	0.0005	0.0005	0.025	50.2	0.0001		0.0005	0.0005
R11	STD	0.0003	0.0182	0.0002	0.0137	0	0	0	15.6	0		0	0
R11	MINIMUM	< 0.00025	0.007	< 0.001	0.056	< 0.001	< 0.001	< 0.05	38.3	< 0.0002		< 0.001	< 0.001
R11	MAXIMUM	0.0009	0.061	< 0.001	0.1	< 0.001	< 0.001	< 0.05	85.9	< 0.0002		< 0.001	< 0.001
R11	# samples < MDL	7	0	6	0	8	8	8	0	8		8	8
R11	% samples < MDL	88	0	75	0	100	100	100	0	100		100	100
R11	Maximum MDL	< 0.00025		< 0.001		< 0.001	< 0.001	< 0.05		< 0.0002		< 0.001	< 0.001
R11	25th Percentile	0.000125	0.0165	0.0005	0.064000001	0.0005	0.0005	0.025	42.1	0.00010		0.0005	0.0005
R11	75th Percentile	0.000125	0.038999999	0.000625	0.0802	0.0005	0.0005	0.025	53.8	0.00010		0.0005	0.0005

Notes:

Statistics calculated for stations with 3 or more values in a dataset.

DL: Method Detection Limit

Method Detection Limit set to 1/2 method detection limit for statistical calculations

Table 5. Receiving Environment Total Metals (1998-2007)

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

STATION	DATE	CU-T mg/L	FE-T mg/L	HG-T mg/L	K-T mg/L	LI-T mg/L	MG-T mg/L	MN-T mg/L	MO-T mg/L	NA-T mg/L	NI-T mg/L	PB-T mg/L
R5	MINIMUM	< 0.001	< 0.05	< 0.00002	0.9	0.002	8.26	0.014	0.0009	1.66	0.0007	< 0.001
R5	MAXIMUM	0.036	0.293	< 0.1	2	< 0.005	16.7	0.077	0.0051	5.75	0.011	< 0.01
R5	# samples < MDL	4	1	8	1	1	0	0	1	0	6	10
R5	% samples < MDL	40	10	100	10	17	0	0	10	0	60	100
R5	Maximum MDL	< 0.001	< 0.05	< 0.1	< 1	< 0.005			< 0.002		< 0.001	< 0.01
R5	25th Percentile	0.0005	0.103999999	0.00001	1	0.002	10.13	0.0180	0.001	1.80	0.0005	0.0005
R5	75th Percentile	0.0039	0.157	0.0125	1.19	0.00238	11.45	0.052	0.00275	2.86	0.00175	0.0005
R11	20-Jul-04	0.001	0.06	< 0.00002	1.7	0.004	10.2	0.021	0.0012	3.59	0.001	< 0.001
R11	23-Aug-04	< 0.001	0.15	< 0.00002	1.5	0.003	9.69	0.011	0.001	3.21	< 0.001	< 0.001
R11	29-Mar-05	< 0.001	0.12	< 0.00002	2.3	0.005	18.1	0.02	0.0013	6.34	< 0.001	< 0.001
R11	17-Aug-05	< 0.001	0.07	< 0.00002	1.2	0.003	9.82	0.059	0.0009	2.33	< 0.001	< 0.001
R11	21-Feb-06	< 0.001	< 0.05	< 0.00002	1.6	0.004	11.7	0.006	0.001	3.86	< 0.001	< 0.001
R11	7-Aug-06	< 0.001	0.09	< 0.00002	1.2	0.003	8.74	0.019	0.0008	2.64	< 0.001	< 0.001
R11	20-Feb-07	< 0.001	< 0.05	< 0.00002	1.6	0.003	11.7	0.005	0.001	3.69	< 0.001	< 0.001
R11	17-Aug-07	< 0.001	0.12	< 0.00002	1.3	< 0.005	9.61	0.035	0.0009	2.99	< 0.001	< 0.001
R11	Total # samples	8	8	8	8	8	8	8	8	8	8	8
R11	Median	0.0005	0.08	0.00001	1.55	0.003	10.01	0.0195	0.001	3.4	0.0005	0.0005
R11	MEAN	0.00056	0.0825	0.00001	1.55	0.00344	11.195	0.022	0.00101	3.58	0.000563	0.0005
R11	STD	0.0002	0.0458	0	0.3586	0.0008	2.97	0.0178	0.0002	1.23	0.0002	0
R11	MINIMUM	< 0.001	< 0.05	< 0.00002	1.2	0.003	8.74	0.005	0.0008	2.33	< 0.001	< 0.001
R11	MAXIMUM	< 0.001	0.15	< 0.00002	2.3	< 0.005	18.1	0.059	0.0013	6.34	< 0.001	< 0.001
R11	# samples < MDL	7	2	8	0	1	0	0	0	0	7	8
R11	% samples < MDL	88	25	100	0	12	0	0	0	0	88	100
R11	Maximum MDL	< 0.001	< 0.05	< 0.00002		< 0.005					< 0.001	< 0.001
R11	25th Percentile	0.0005	0.0513	0.00001	1.28	0.003	9.67	0.00975	0.0009	2.90	0.0005	0.0005
R11	75th Percentile	0.0005	0.119999998	0.00001	1.63	0.004	11.70	0.0245	0.00105	3.73	0.0005	0.0005

Notes:

Statistics calculated for stations with 3 or more values in a dataset.

DL: Method Detection Limit

Method Detection Limit set to 1/2 method detection limit for statistical calculations

Table 5. Receiving Environment Total Metals (1998-2007)

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

STATION	DATE	P-T mg/L	SB-T mg/L	SE-T mg/L	SI-T mg/L	SN-T mg/L	SR-T mg/L	TI-T mg/L	TL-T mg/L	U-T mg/L	V-T mg/L	ZN-T mg/L	ZR-T mg/L
R5	MINIMUM	< 0.15	< 0.001	< 0.001	2.83	< 0.0004	0.107	< 0.001	< 0.0001	0.0014	< 0.0002	< 0.005	< 0.01
R5	MAXIMUM	1.63	< 0.03	< 0.005	12.4	< 0.01	0.26	0.0216	< 0.0001	0.0032	< 0.005	0.07	< 0.01
R5	# samples < MDL	7	9	8	0	10	0	6	6	0	9	4	6
R5	% samples < MDL	70	90	80	0	100	0	60	100	0	90	40	100
R5	Maximum MDL	< 0.2	< 0.03	< 0.005		< 0.01		< 0.001	< 0.0001		< 0.005	< 0.005	< 0.01
R5	25th Percentile	0.075000002	0.0005	0.0005	3.97	0.0005	0.11	0.0005	0.000050	0.00153	0.0005	0.0025	0.005
R5	75th Percentile	0.213	0.0005	0.00088	9.43	0.0005	0.135999999	0.00773	0.000050	0.00178	0.0005	0.0095	0.005
R11	20-Jul-04	< 0.15	< 0.001	< 0.001	8.8	< 0.001	0.14	0.002	< 0.0001	0.0014	< 0.001	< 0.005	< 0.01
R11	23-Aug-04	< 0.15	< 0.001	< 0.001	9.1	< 0.001	0.14	0.002	< 0.0001	0.0016	< 0.001	< 0.005	< 0.01
R11	29-Mar-05	< 0.15	< 0.001	< 0.001	13.8	< 0.001	0.28	0.001	< 0.0001	0.0032	< 0.001	0.008	< 0.01
R11	17-Aug-05	< 0.15	< 0.001	0.002	7.8	< 0.001	0.14	0.002	< 0.0001	0.0015	< 0.001	0.006	< 0.01
R11	21-Feb-06	< 0.15	< 0.001	< 0.001	5.5	< 0.001	0.16	< 0.001	< 0.0001	0.0023	< 0.001	< 0.005	< 0.01
R11	7-Aug-06	< 0.15	< 0.001	< 0.001	4.2	< 0.001	0.12	0.001	< 0.0001	0.0012	< 0.001	< 0.005	< 0.01
R11	20-Feb-07	< 0.15	< 0.001	< 0.001	5	< 0.001	0.17	< 0.001	< 0.0001	0.0022	< 0.001	< 0.005	< 0.01
R11	17-Aug-07	< 0.15	< 0.001	< 0.001	3.2	< 0.001	0.13	< 0.001	< 0.0001	0.0016	< 0.001	< 0.005	< 0.01
R11	Total # samples	8	8	8	8	8	8	8	8	8	8	8	8
R11	Median	0.075	0.0005	0.0005	6.65	0.0005	0.14	0.001	0.00005	0.0016	0.0005	0.0025	0.005
R11	MEAN	0.075	0.0005	0.000688	7.18	0.0005	0.16	0.00119	0.00005	0.00188	0.0005	0.00363	0.005
R11	STD	0	0	0.0005	3.44	0	0.051	0.0007	0	0.0007	0	0.0022	0
R11	MINIMUM	< 0.15	< 0.001	< 0.001	3.2	< 0.001	0.12	< 0.001	< 0.0001	0.0012	< 0.001	< 0.005	< 0.01
R11	MAXIMUM	< 0.15	< 0.001	0.002	13.8	< 0.001	0.28	0.002	< 0.0001	0.0032	< 0.001	0.008	< 0.01
R11	# samples < MDL	8	8	7	0	8	0	3	8	0	8	6	8
R11	% samples < MDL	100	100	88	0	100	0	38	100	0	100	75	100
R11	Maximum MDL	< 0.15	< 0.001	< 0.001		< 0.001		< 0.001	< 0.0001		< 0.001	< 0.005	< 0.01
R11	25th Percentile	0.075000001	0.0005	0.0005	4.80	0.0005	0.137	0.0005	0.000050	0.00147	0.0005	0.0025	0.005
R11	75th Percentile	0.075000002	0.0005	0.0005	8.88	0.0005	0.162	0.002	0.000050	0.00222	0.0005	0.00337	0.005

Notes:

Statistics calculated for stations with 3 or more values in a dataset.

DL: Method Detection Limit

Method Detection Limit set to 1/2 method detection limit for statistical calculations

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 6. Receiving Environment Dissolved Metals

STATION	DATE	AG-D mg/L	AL-D mg/L	AS-D mg/L	BA-D mg/L	B-D mg/L	BE-D mg/L	BI-D mg/L	CA-D mg/L	CD-D mg/L	CO-D mg/L	CR-D mg/L	CU-D mg/L	FE-D mg/L
R4	5-Aug-98	< 0.0006	< 0.01	< 0.004	0.0567	0.05	0.0003	< 0.008	54.4	< 0.0004	< 0.001	0.002	0.0037	0.028
R4	9-Sep-98	< 0.001	< 0.05	< 0.005	0.041	< 0.05	< 0.001	< 0.04	50.6	< 0.001	< 0.005	< 0.005	< 0.002	< 0.01
R4	17-Mar-99	< 0.003	0.07	< 0.005	0.022	0.07	< 0.001	< 0.04	81.3	< 0.001	< 0.005	0.531	0.014	< 0.01
R4	01-Aug-00	< 0.0001	0.041	< 0.001	0.0322	< 0.002	0.0002	< 0.001	37	< 0.0001	< 0.0002	< 0.0002	0.0053	0.059
R4	20-Jul-04	< 0.00025	0.008	< 0.001	0.06	< 0.05	< 0.001	< 0.001	44.7	< 0.0002	< 0.001	< 0.001	< 0.001	0.11
R4	23-Aug-04	< 0.00025	< 0.005	< 0.001	0.072	< 0.05	< 0.001	< 0.001	65	< 0.0002	< 0.001	< 0.001	< 0.001	0.17
R4	29-Mar-05	< 0.00025	< 0.005	< 0.001	0.081	< 0.05	< 0.001	< 0.001	65.6	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R4	17-Aug-05	< 0.00025	< 0.005	< 0.001	0.049	< 0.05	< 0.001	< 0.001	40.4	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R4	21-Feb-06	< 0.00025	< 0.005	< 0.001	0.076	< 0.05	< 0.001	< 0.001	63.8	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R4	7-Aug-06	< 0.00025	0.01	< 0.001	0.045	< 0.05	< 0.001	< 0.001	41.6	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R4	20-Feb-07	< 0.00025	0.005	< 0.001	0.083	< 0.05	< 0.001	< 0.001	71.3	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R4	17-Aug-07	< 0.00025	< 0.005	< 0.001	0.063	< 0.05	< 0.001	< 0.001	52	< 0.0002	< 0.001	< 0.001	< 0.001	0.06
R4	26-Sep-07	< 0.000005	0.0092	0.0002	0.0535	< 0.005	< 0.00001	< 0.000005	37.2	0.00002	0.00014	< 0.0001	0.0008	0.108
R4	24-Oct-07	< 0.000005	0.003	0.00029	0.078	< 0.005	< 0.00001	< 0.000005	73.3	0.000037	0.000665	0.0005	0.00062	0.024
R4	22-Nov-07	< 0.000005	0.002	0.00021	0.0705	< 0.005	< 0.00001	< 0.000005	59.5	0.000029	0.000036	0.0001	0.00068	0.021
R4	14-Dec-07	< 0.000005	0.0023	0.0002	0.0805	< 0.005	< 0.00001	< 0.000005	66.2	0.000045	0.000049	0.0002	0.00125	0.016
R4	Total # samples	16	16	16	16	16	16	16	16	16	16	16	16	16
R4	Median	0.000125	0.004	0.0005	0.0615	0.025	0.0005	0.0005	56.9	0.0001	0.0005	0.0005	0.00056	0.025
R4	MEAN	0.00021	0.0121	0.000775	0.0602	0.0223	0.000345	0.00303	56.5	0.000136	0.00066	0.0338	0.00196	0.0457
R4	STD	0.0004	0.0187	0.0008	0.0186	0.0185	0.0002	0.0067	13.8	0.0001	0.0007	0.133	0.0035	0.0459
R4	MINIMUM	< 0.000005	0.002	0.0002	0.022	< 0.002	< 0.00001	< 0.000005	37	0.00002	0.000036	< 0.0001	0.00062	< 0.01
R4	MAXIMUM	< 0.003	0.07	< 0.005	0.083	0.07	< 0.001	< 0.04	81.3	< 0.001	< 0.005	0.531	0.014	0.17
R4	# samples < MDL	16	7	12	0	14	14	16	0	12	12	11	9	7
R4	% samples < MDL	100	44	75	0	88	88	100	0	75	75	69	56	44
R4	Maximum MDL	< 0.003	< 0.05	< 0.005		< 0.05	< 0.001	< 0.04		< 0.001	< 0.005	< 0.005	< 0.002	< 0.05
R4	25th Percentile	0.000038	0.0025	0.000447	0.048	0.0025	0.000151	0.000376	43.9	0.000049	0.00041	0.000425	0.0005	0.0232
R4	75th Percentile	0.000125	0.0094	0.0005	0.076499998	0.025	0.0005	0.0005	65.7	0.0001	0.0005	0.0005	0.00106	0.0593
R5	5-Aug-98	< 0.0006	< 0.01	< 0.004	0.0582	0.03	0.0003	< 0.008	39.52	< 0.0004	< 0.001	0.001	0.0028	0.012
R5	9-Sep-98	< 0.001	< 0.05	< 0.005	0.04	< 0.05	< 0.001	< 0.04	40.5	< 0.001	< 0.005	< 0.005	< 0.002	< 0.01
R5	01-Aug-00	< 0.0001	0.035	< 0.001	0.0866	< 0.002	0.0002	< 0.001	31.9	< 0.0001	< 0.0002	< 0.0002	0.0039	0.053
R5	06-Sep-00	< 0.0001	0.031	< 0.001	0.0616	0.009	0.0003	< 0.001	29.72	< 0.0001	0.0002	< 0.0002	0.0015	0.028
R5	20-Jul-04	< 0.00025	< 0.005	< 0.001	0.062	< 0.05	< 0.001	< 0.001	37.1	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R5	23-Aug-04	< 0.00025	0.008	< 0.001	0.074	< 0.05	< 0.001	< 0.001	43.8	< 0.0002	< 0.001	< 0.001	< 0.001	0.19
R5	29-Mar-05	< 0.00025	< 0.005	< 0.001	0.089	< 0.05	< 0.001	< 0.001	71.2	< 0.0002	< 0.001	< 0.001	< 0.001	0.05
R5	17-Aug-05	< 0.00025	< 0.005	< 0.001	0.051	< 0.05	< 0.001	< 0.001	34.2	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R5	7-Aug-06	< 0.00025	0.009	< 0.001	0.056	< 0.05	< 0.001	< 0.001	36.5	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R5	17-Aug-07	< 0.00025	< 0.005	< 0.001	0.071	< 0.05	< 0.001	< 0.001	34.9	< 0.0002	< 0.001	< 0.001	< 0.001	0.08
R5	Total # samples	10	10	10	10	10	10	10	10	10	10	10	10	10
R5	Median	0.000125	0.0065	0.0005	0.0618	0.025	0.0005	0.0005	36.8	0.0001	0.0005	0.0005	0.0005	0.0265
R5	MEAN	0.000165	0.0123	0.00085	0.0649	0.0215	0.00043	0.0028	39.9	0.00014	0.00063	0.00067	0.00122	0.0493
R5	STD	0.0001	0.0129	0.0007	0.0154	0.009	0.0001	0.0061	11.7	0.0001	0.0007	0.0007	0.0012	0.0541
R5	MINIMUM	< 0.0001	< 0.005	< 0.001	0.04	< 0.002	0.0002	< 0.001	29.7	< 0.0001	< 0.0002	< 0.0002	< 0.001	< 0.01
R5	MAXIMUM	< 0.001	< 0.05	< 0.005	0.089	< 0.05	< 0.001	< 0.04	71.2	< 0.001	< 0.005	< 0.005	0.0039	0.19
R5	# samples < MDL	10	6	10	0	8	7	10	0	10	9	9	7	4
R5	% samples < MDL	100	60	100	0	80	70	100	0	100	90	90	70	40

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 6. Receiving Environment Dissolved Metals

STATION	DATE	HG-D mg/L	K-D mg/L	LI-D mg/L	MG-D mg/L	MN-D mg/L	MO-D mg/L	NA-D mg/L	NI-D mg/L	PB-D mg/L	P-D mg/L	SB-D mg/L	SE-D mg/L	SI-D mg/L	SN-D mg/L
R4	5-Aug-98	< 0.1	2.2		11.43	0.228	0.0016	7.2	< 0.001	< 0.004	0.46	< 0.006	< 0.001	2.496	< 0.002
R4	9-Sep-98	< 0.1	1.1		10.8	0.39	< 0.002	7	< 0.005	< 0.01	0.04	< 0.03	< 0.005	3.48	< 0.01
R4	17-Mar-99		1		15.6	< 0.01	< 0.002	10	< 0.005	< 0.01	0.29	< 0.03	< 0.03	3.9	< 0.01
R4	01-Aug-00		1.22		7.603	0.2313	0.001	4.13	0.0046	< 0.001	0.5	< 0.001	< 0.001	3.58	< 0.0004
R4	20-Jul-04		1.4	0.003	9.93	0.13	0.0006	3.89	0.001	< 0.001	< 0.15	< 0.001	< 0.001	8.4	< 0.001
R4	23-Aug-04		1.8	0.006	14.5	0.45	0.0007	6.31	0.001	< 0.001	< 0.15	< 0.001	< 0.001	8.7	< 0.001
R4	29-Mar-05		1.5	0.003	13.6	< 0.001	0.001	4.64	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	10.3	< 0.001
R4	17-Aug-05		0.9	0.003	9.18	0.3	0.0005	2.84	< 0.001	< 0.001	< 0.15	< 0.001	0.002	7	< 0.001
R4	21-Feb-06		1.4	0.004	13.8	0.023	0.0005	5.32	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	5.2	< 0.001
R4	7-Aug-06		1	0.003	8.31	0.14	0.0005	3.24	0.001	< 0.001	< 0.15	< 0.001	< 0.001	3.7	< 0.001
R4	20-Feb-07		1.5	0.004	14.8	0.014	0.0005	5.31	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4.8	< 0.001
R4	17-Aug-07		1.5	0.005	12	0.45	0.0005	4.89	0.002	< 0.001	< 0.15	< 0.001	< 0.001	3.4	< 0.001
R4	26-Sep-07		0.847	0.0025	7.77	0.0988	0.00055	3.31	< 0.00002	0.00023		0.00091	< 0.00004	4.33	< 0.00001
R4	24-Oct-07		1.63	0.005	14.9	0.973	0.00074	6.3	0.00216	0.000127		0.00014	0.00053	4.83	0.00001
R4	22-Nov-07		1.43	0.004	12.5	0.0948	0.00061	4.08	0.00096	0.00005		0.00011	0.00052	5.91	< 0.00001
R4	14-Dec-07		1.61	0.0041	13.5	0.0961	0.00057	4.69	0.00107	0.000064		0.00016	0.00061	4.48	0.00011
R4	Total # samples	2	16	12	16	16	16	16	16	16	12	16	16	16	16
R4	Median	0.05	1.42	0.004	12.25	0.135	0.000605	4.79	0.001	0.0005	0.075	0.0005	0.0005	4.64	0.0005
R4	MEAN	0.05	1.38	0.0039	11.9	0.227	0.000742	5.20	0.00133	0.00106	0.158	0.00243	0.00161	5.28	0.000958
R4	STD	0	0.358	0.001	2.69	0.251	0.0003	1.84	0.0012	0.0016	0.164	0.005	0.0036	2.22	0.0016
R4	MINIMUM	< 0.1	0.847	0.0025	7.60	< 0.001	0.0005	2.84	< 0.00002	0.00005	0.04	0.00011	< 0.00004	2.50	< 0.00001
R4	MAXIMUM	< 0.1	2.2	0.006	15.6	0.973	< 0.002	10	< 0.005	< 0.01	0.5	< 0.03	< 0.03	10.3	< 0.01
R4	# samples < MDL	2	0	0	0	2	2	0	8	12	8	12	12	0	14
R4	% samples < MDL	100	0	0	0	12	12	0	50	75	67	75	75	0	88
R4	Maximum MDL	< 0.1				< 0.01	< 0.002		< 0.005	< 0.01	< 0.15	< 0.03	< 0.03		< 0.01
R4	25th Percentile	0.050000001	1.08	0.003	9.74	0.0769	0.0005	4.03	0.0005	0.000433	0.075000001	0.0005	0.0005	3.67	0.000178
R4	75th Percentile	0.05	1.53	0.00433	14.0	0.323	0.001	6.30	0.00204	0.0005	0.129	0.000603	0.00055	6.18	0.0005
R5	5-Aug-98	< 0.1	1.5		10	0.04	0.0024	2.9	< 0.001	< 0.004	< 0.008	< 0.006	< 0.001	2.159	< 0.002
R5	9-Sep-98	< 0.1	< 1		10.5	0.12	< 0.002	3	< 0.005	< 0.01	0.27	< 0.03	< 0.005	3.55	< 0.01
R5	01-Aug-00		0.87		8.3	0.0285	0.0033	2.02	0.0009	< 0.001	0.4	< 0.001	< 0.001	3.69	< 0.0004
R5	06-Sep-00		0.967		8.094	0.013	0.0005	2.006	< 0.0002	< 0.001	< 0.2	< 0.001	< 0.001	4.821	< 0.0004
R5	20-Jul-04		1.1	0.002	10.1	0.01	0.001	1.98	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	9	< 0.001
R5	23-Aug-04		1.2	0.002	11.1	0.029	0.001	2.08	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	9.4	< 0.001
R5	29-Mar-05		1.6	0.004	14.7	0.001	0.001	4.95	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	11.3	< 0.001
R5	17-Aug-05		0.7	0.001	8.91	0.052	0.0008	1.27	< 0.001	< 0.001	< 0.15	< 0.001	0.001	7.3	< 0.001
R5	7-Aug-06		0.7	0.002	9.82	0.01	0.0009	1.56	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4	< 0.001
R5	17-Aug-07		0.9	< 0.005	10.6	0.034	0.001	1.83	< 0.001	< 0.001	< 0.15	< 0.001	0.001	3.3	< 0.001
R5	Total # samples	2	10	6	10	10	10	10	10	10	10	10	10	10	10
R5	Median	0.05	0.934	0.002	10.1	0.0288	0.001	2.01	0.0005	0.0005	0.075	0.0005	0.0005	4.41	0.0005
R5	MEAN	0.05	1.00	0.00225	10.2	0.0338	0.00129	2.36	0.0007	0.0011	0.122	0.0022	0.0008	5.85	0.00094
R5	STD	0	0.352	0.001	1.86	0.0341	0.0009	1.05	0.0007	0.0014	0.119	0.0046	0.0006	3.14	0.0014
R5	MINIMUM	< 0.1	0.7	0.001	8.09	0.001	0.0005	1.27	< 0.0002	< 0.001	< 0.008	< 0.001	< 0.001	2.16	< 0.0004
R5	MAXIMUM	< 0.1	1.6	< 0.005	14.7	0.12	0.0033	4.95	< 0.005	< 0.01	0.4	< 0.03	< 0.005	11.3	< 0.01
R5	# samples < MDL	2	1	1	0	0	1	0	9	10	8	10	8	0	10
R5	% samples < MDL	100	10	17	0	0	10	0	90	100	80	100	80	0	100

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 6. Receiving Environment Dissolved Metals

STATION	DATE	SR-D mg/L	TI-D mg/L	TL-D mg/L	U-D mg/L	V-D mg/L	ZN-D mg/L	ZR-D mg/L
R4	5-Aug-98	0.1877	< 0.001			0.003	0.014	
R4	9-Sep-98	0.19	< 0.005			< 0.005	< 0.01	
R4	17-Mar-99	0.285	< 0.005			< 0.005	< 0.01	
R4	01-Aug-00	0.1344	0.0029			0.0011	0.0233	
R4	20-Jul-04	0.16	< 0.001	< 0.0001	0.0013	< 0.001	0.007	< 0.01
R4	23-Aug-04	0.23	< 0.001	< 0.0001	0.0014	< 0.001	0.01	< 0.01
R4	29-Mar-05	0.2	< 0.001	< 0.0001	0.0026	< 0.001	< 0.005	< 0.01
R4	17-Aug-05	0.15	< 0.001	< 0.0001	0.001	< 0.001	0.014	< 0.01
R4	21-Feb-06	0.19	< 0.001	< 0.0001	0.0021	< 0.001	< 0.005	< 0.01
R4	7-Aug-06	0.14	< 0.001	< 0.0001	0.0008	< 0.001	0.007	< 0.01
R4	20-Feb-07	0.23	< 0.001	< 0.0001	0.0022	< 0.001	< 0.005	< 0.01
R4	17-Aug-07	0.19	< 0.001	< 0.0001	0.0014	< 0.001	< 0.005	< 0.01
R4	26-Sep-07	0.133	< 0.0005	< 0.000002	0.00107	0.00005	0.0119	0.00008
R4	24-Oct-07	0.242	< 0.0005	0.000009	0.00199	< 0.0002	0.0246	< 0.0001
R4	22-Nov-07	0.2	< 0.0005	0.000006	0.00185	< 0.0002	0.0163	< 0.0001
R4	14-Dec-07	0.216	< 0.0005	0.000005	0.00221	< 0.0002	0.0155	< 0.0001
R4	Total # samples	16	16	12	12	16	16	12
R4	Median	0.19	0.0005	0.00005	0.00163	0.0005	0.0085	0.005
R4	MEAN	0.192	0.000838	3.51E-05	0.00166	0.000841	0.0102	0.00335
R4	STD	0.0425	0.0009	0	0.0006	0.0009	0.0072	0.0024
R4	MINIMUM	0.133	< 0.0005	< 0.000002	0.0008	0.00005	< 0.005	0.00008
R4	MAXIMUM	0.285	< 0.005	< 0.0001	0.0026	< 0.005	0.0246	< 0.01
R4	# samples < MDL	0	15	9	0	13	6	11
R4	% samples < MDL	0	94	75	0	81	38	92
R4	Maximum MDL		< 0.005	< 0.0001		< 0.005	< 0.01	< 0.01
R4	25th Percentile	0.158	0.0004375	0.000008	0.00124	0.0004	0.00437	0.00007
R4	75th Percentile	0.220	0.0005	0.000050	0.00212	0.00065	0.0144	0.005
R5	5-Aug-98	0.1254	< 0.001			< 0.001	0.002	
R5	9-Sep-98	0.14	< 0.005			< 0.005	0.03	
R5	01-Aug-00	0.0974	0.0021			0.0011	0.005	
R5	06-Sep-00	0.096	0.006			< 0.0002	< 0.0004	
R5	20-Jul-04	0.11	< 0.001	< 0.0001	0.0014	< 0.001	< 0.005	< 0.01
R5	23-Aug-04	0.13	< 0.001	< 0.0001	0.0017	< 0.001	< 0.005	< 0.01
R5	29-Mar-05	0.22	< 0.001	< 0.0001	0.0027	< 0.001	< 0.005	< 0.01
R5	17-Aug-05	0.1	< 0.001	< 0.0001	0.0012	< 0.001	< 0.005	< 0.01
R5	7-Aug-06	0.098	< 0.001	< 0.0001	0.0012	< 0.001	< 0.005	< 0.01
R5	17-Aug-07	0.11	< 0.001	< 0.0001	0.0018	< 0.001	< 0.005	< 0.01
R5	Total # samples	10	10	6	6	10	10	6
R5	Median	0.11	0.0005	0.00005	0.00155	0.0005	0.0025	0.005
R5	MEAN	0.123	0.00141	0.00005	0.00167	0.00072	0.00522	0.005
R5	STD	0.0375	0.0018	0	0.0006	0.0007	0.0088	0
R5	MINIMUM	0.096	< 0.001	< 0.0001	0.0012	< 0.0002	< 0.0004	< 0.01
R5	MAXIMUM	0.22	0.006	< 0.0001	0.0027	< 0.005	0.03	< 0.01
R5	# samples < MDL	0	8	6	0	9	7	6
R5	% samples < MDL	0	80	100	0	90	70	100

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 6. Receiving Environment Dissolved Metals

STATION	DATE	AG-D mg/L	AL-D mg/L	AS-D mg/L	BA-D mg/L	B-D mg/L	BE-D mg/L	BI-D mg/L	CA-D mg/L	CD-D mg/L	CO-D mg/L	CR-D mg/L	CU-D mg/L	FE-D mg/L
R5	Maximum MDL	< 0.001	< 0.05	< 0.005		< 0.05	< 0.001	< 0.04		< 0.001	< 0.005	< 0.005	< 0.002	< 0.05
R5	25th Percentile	0.000125	0.0025	0.0005	0.0566	0.025	0.00035	0.0005	34.4	0.000100	0.0005	0.0005	0.0005	0.025
R5	75th Percentile	0.000125	0.021	0.0005	0.0733	0.025	0.0005	0.0005	40.3	0.000100	0.0005	0.0005	0.00138	0.0523
R6	5-Aug-98	0.0011	< 0.01	< 0.004	0.0648	0.03	0.0003	< 0.008	39.69	< 0.0004	< 0.001	0.002	0.0024	0.035
R6	9-Sep-98	< 0.001	< 0.05	< 0.005	0.038	< 0.05	< 0.001	< 0.04	39.6	0.001	< 0.005	0.023	0.004	< 0.01
R6	01-Aug-00	< 0.0001	0.027	< 0.001	0.084	< 0.002	0.0002	< 0.001	30.7	< 0.0001	< 0.0002	< 0.0002	0.0038	0.047
R6	06-Sep-00	< 0.0001	0.038	< 0.001	0.0653	0.029	0.0003	< 0.001	30.54	< 0.0001	< 0.0002	< 0.0002	< 0.0001	0.043
R6	20-Jul-04	< 0.00025	< 0.005	< 0.001	0.065	< 0.05	< 0.001	< 0.001	38.4	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R6	23-Aug-04	< 0.00025	0.007	< 0.001	0.075	< 0.05	< 0.001	< 0.001	42.7	< 0.0002	< 0.001	< 0.001	< 0.001	0.18
R6	29-Mar-05	< 0.00025	< 0.005	< 0.001	0.092	< 0.05	< 0.001	< 0.001	71.7	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R6	17-Aug-05	< 0.00025	0.005	< 0.001	0.058	< 0.05	< 0.001	< 0.001	38.1	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R6	21-Feb-06	< 0.00025	0.077	< 0.001	0.081	< 0.05	< 0.001	< 0.001	43.2	< 0.0002	< 0.001	0.002	0.001	0.06
R6	7-Aug-06	< 0.00025	0.006	< 0.001	0.055	< 0.05	< 0.001	< 0.001	35.4	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R6	20-Feb-07	< 0.00025	< 0.005	< 0.001	0.081	< 0.05	< 0.001	< 0.001	44.2	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R6	17-Aug-07	< 0.00025	0.005	< 0.001	0.073	< 0.05	< 0.001	< 0.001	33.7	< 0.0002	< 0.001	< 0.001	< 0.001	0.07
R6	26-Sep-07	< 0.000005	0.0118	0.0003	0.0653	< 0.005	< 0.00001	< 0.000005	41.4	0.00002	0.00013	< 0.0001	0.0008	0.1
R6	24-Oct-07	< 0.000005	0.0068	0.00041	0.0763	< 0.005	< 0.00001	< 0.000005	44.6	0.000077	0.000044	0.001	0.00101	0.071
R6	22-Nov-07	< 0.000005	0.0047	0.00034	0.0814	< 0.005	< 0.00001	< 0.000005	50.5	0.000016	0.000011	0.0001	0.00051	0.03
R6	14-Dec-07	< 0.000005	0.0025	0.00033	0.09	< 0.005	< 0.00001	< 0.000005	49	0.000018	0.00002	< 0.0001	0.00039	0.041
R6	Total # samples	16	16	16	16	16	16	16	16	16	16	16	16	16
R6	Median	0.000125	0.0055	0.0005	0.074	0.025	0.0005	0.0005	40.5	0.0001	0.0005	0.0005	0.0005	0.038
R6	MEAN	0.000169	0.0143	0.00068	0.0716	0.0184	0.00033	0.00181	42.1	0.000139	0.00046	0.00199	0.00109	0.0504
R6	STD	0.0003	0.0198	0.0006	0.0141	0.0114	0.0002	0.0049	9.76	0.0002	0.0006	0.0056	0.0012	0.0418
R6	MINIMUM	< 0.000005	0.0025	0.0003	0.038	< 0.002	< 0.00001	< 0.000005	30.5	0.000016	0.000011	< 0.0001	< 0.0001	< 0.01
R6	MAXIMUM	0.0011	0.077	< 0.005	0.092	< 0.05	< 0.001	< 0.04	71.7	0.001	< 0.005	0.023	0.004	0.18
R6	# samples < MDL	15	5	12	0	14	13	16	0	11	12	11	8	6
R6	% samples < MDL	94	31	75	0	88	81	100	0	69	75	69	50	38
R6	Maximum MDL	< 0.001	< 0.05	< 0.005		< 0.05	< 0.001	< 0.04		< 0.0004	< 0.005	< 0.001	< 0.001	< 0.05
R6	25th Percentile	0.000038	0.00415	0.000478	0.0650	0.0025	0.000151	0.000376	37.4	0.000050	0.000100	0.000100	0.0005	0.025
R6	75th Percentile	0.000125	0.0151	0.0005	0.0811	0.025	0.0005	0.0005	44.3	0.000100	0.0005	0.000625	0.00100	0.062499999
R7	5-Aug-98	< 0.0006	< 0.01	< 0.004	0.0397	0.12	< 0.0002	< 0.008	22.1	< 0.0004	< 0.001	< 0.001	0.0019	0.035
R7	9-Sep-98	< 0.001	< 0.05	< 0.005	0.037	< 0.05	< 0.001	< 0.04	24.4	< 0.001	< 0.005	< 0.005	< 0.002	< 0.01
R7	25-Feb-99	< 0.003	< 0.05	< 0.005	0.017	0.22	< 0.001	< 0.04	41.2	< 0.001	< 0.005	< 0.005	0.008	< 0.01
R7	17-May-99	< 0.003	< 0.05	0.011	0.02	< 0.05	0.002	< 0.04	6.1	0.002	< 0.005	< 0.005	0.081	0.1
R7	4-Jul-99	< 0.003	< 0.05	< 0.005	0.007	0.21	< 0.001	< 0.04	15.7	< 0.001	< 0.005	< 0.005	< 0.002	0.3
R7	30-Oct-99	< 0.003	< 0.05	< 0.005	0.084	< 0.05	< 0.001	< 0.04	27.6	< 0.001	< 0.005	< 0.005	0.006	< 0.01
R7	26-Mar-00	< 0.003	< 0.05	< 0.005	0.156	< 0.05	< 0.001	< 0.05	40.4	< 0.001	< 0.005	< 0.005	< 0.002	< 0.01
R7	03-Jun-00	< 0.003	< 0.05	< 0.005	< 0.002	< 0.05	< 0.001	< 0.05	10	< 0.001	< 0.005	< 0.005	< 0.002	0.08
R7	01-Aug-00	< 0.0001	0.029	< 0.001	0.0795	< 0.002	< 0.0001	< 0.001	16.8	< 0.0001	< 0.0002	< 0.0002	0.0031	0.065
R7	06-Sep-00	< 0.0001	0.015	< 0.001	0.054	0.011	0.0002	< 0.001	18.48	< 0.0001	< 0.0002	< 0.0002	0.0034	0.059
R7	12-Sep-00	< 0.003	< 0.05	< 0.005	0.01	< 0.05	< 0.001	< 0.05	16.2	< 0.001	< 0.005	< 0.005	0.003	< 0.01
R7	5-Mar-01	< 0.003	0.09	< 0.005	0.25	0.07	< 0.001	< 0.05	40	< 0.001	< 0.005	< 0.005	0.005	< 0.01
R7	13-Jun-01	< 0.003	< 0.05	< 0.005	0.112	0.06	< 0.001	< 0.05	9.5	< 0.001	< 0.005	< 0.005	< 0.002	0.17
R7	8-Sep-01	< 0.003	< 0.05	0.033	0.082	< 0.05	< 0.001	< 0.05	24.4	< 0.001	< 0.005	< 0.005	< 0.002	0.14
R7	21-Mar-02	< 0.001	< 0.05	< 0.005	0.204	< 0.05	< 0.001	< 0.05	52.1	< 0.001	< 0.005	< 0.005	0.007	< 0.01

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 6. Receiving Environment Dissolved Metals

STATION	DATE	HG-D mg/L	K-D mg/L	LI-D mg/L	MG-D mg/L	MN-D mg/L	MO-D mg/L	NA-D mg/L	NI-D mg/L	PB-D mg/L	P-D mg/L	SB-D mg/L	SE-D mg/L	SI-D mg/L	SN-D mg/L
R5	Maximum MDL	< 0.1	< 1	< 0.005			< 0.002		< 0.005	< 0.01	< 0.2	< 0.03	< 0.005		< 0.01
R5	25th Percentile	0.050000001	0.742	0.002	9.14	0.0107	0.000925	1.87	0.0005	0.0005	0.075000002	0.0005	0.0005	3.58	0.0005
R5	75th Percentile	0.05	1.18	0.00238	10.6	0.0385	0.001	2.69	0.0005	0.0005	0.0938	0.0005	0.000875	8.58	0.0005
R6	5-Aug-98	< 0.1	1.2		10.63	0.004	0.0011	2.2	< 0.001	< 0.004	0.123	0.012	< 0.001	2.467	< 0.002
R6	9-Sep-98	< 0.1	< 1		10.2	0.04	< 0.002	2	< 0.005	< 0.01	0.22	< 0.03	< 0.005	3.57	< 0.01
R6	01-Aug-00		0.77		8.275	0.0061	0.0023	1.73	0.0007	< 0.001	0.8	< 0.001	< 0.001	3.9	< 0.0004
R6	06-Sep-00		0.9		8.51	0.008	0.0004	2.105	< 0.0002	< 0.001	< 0.2	< 0.001	< 0.001	4.109	< 0.0004
R6	20-Jul-04		1.2	0.002	10.6	0.005	0.001	1.97	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	9.6	< 0.001
R6	23-Aug-04		1.2	0.002	11	0.01	0.001	1.89	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	9.4	< 0.001
R6	29-Mar-05		1.6	0.004	14.7	0.002	0.0011	4.99	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	11.5	< 0.001
R6	17-Aug-05		0.7	< 0.001	10.3	0.01	0.0009	1.17	< 0.001	< 0.001	< 0.15	< 0.001	0.002	8.1	< 0.001
R6	21-Feb-06		1.2	0.002	9.96	0.006	0.0012	2.06	0.002	< 0.001	< 0.15	< 0.001	< 0.001	5.1	0.001
R6	7-Aug-06		0.7	0.001	9.47	0.005	0.0009	1.47	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	3.9	< 0.001
R6	20-Feb-07		1.1	0.002	9.69	0.004	0.0011	1.91	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4.9	< 0.001
R6	17-Aug-07		0.9	< 0.005	10.1	0.006	0.0008	1.57	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	3.2	< 0.001
R6	26-Sep-07		0.985	0.0018	10.6	0.0132	0.00106	2.5	< 0.00002	0.00032		0.00099	0.0007	4.16	< 0.00001
R6	24-Oct-07		1.14	0.0021	10.8	0.0186	0.00123	2.62	0.00043	0.000461		0.00014	0.00074	4.7	0.00012
R6	22-Nov-07		1.28	0.0024	12.6	0.00377	0.00126	2.12	0.00034	0.00005		0.00013	0.00082	5.53	< 0.00001
R6	14-Dec-07		1.25	0.0025	11.7	0.00894	0.00124	2.12	0.00026	0.000016		0.00012	0.00081	4.51	< 0.00001
R6	Total # samples	2	16	12	16	16	16	16	16	16	12	16	16	16	16
R6	Median	0.05	1.12	0.002	10.5	0.00605	0.00108	2.03	0.0005	0.0005	0.075	0.0005	0.0005	4.61	0.0005
R6	MEAN	0.05	1.04	0.00207	10.6	0.00941	0.00110	2.15	0.000646	0.000803	0.154	0.00209	0.000786	5.54	0.000690
R6	STD	0	0.279	0.0008	1.53	0.0091	0.0004	0.838	0.0007	0.0012	0.208	0.0045	0.0006	2.63	0.0012
R6	MINIMUM	< 0.1	0.7	< 0.001	8.28	0.002	0.0004	1.17	< 0.00002	0.000016	0.123	0.00012	0.0007	2.47	< 0.00001
R6	MAXIMUM	< 0.1	1.6	< 0.005	14.7	0.04	0.0023	4.99	< 0.005	< 0.01	0.8	< 0.03	< 0.005	11.5	< 0.01
R6	# samples < MDL	2	1	2	0	0	1	0	11	12	9	11	11	0	14
R6	% samples < MDL	100	6	17	0	0	6	0	69	75	75	69	69	0	88
R6	Maximum MDL	< 0.1	< 1	< 0.005			< 0.002		< 0.005	< 0.01	< 0.2	< 0.03	< 0.005		< 0.01
R6	25th Percentile	0.050000001	0.867	0.00195	9.89	0.00475	0.000975	1.850000005	0.000407	0.000490	0.075000001	0.0005	0.0005	3.90	0.00018
R6	75th Percentile	0.05	1.20	0.00243	10.9	0.01	0.00121	2.14	0.0005	0.0005	0.106	0.0005	0.000757	6.17	0.0005
R7	5-Aug-98	< 0.1	0.5		4.58	0.007	0.0012	2.6	< 0.001	< 0.004	< 0.008	< 0.006	< 0.001	2.86	< 0.002
R7	9-Sep-98	< 0.1	< 1		4.9	0.02	< 0.002	3	< 0.005	< 0.01	0.19	< 0.03	< 0.005	4.18	< 0.01
R7	25-Feb-99		1		8.9	< 0.01	< 0.002	4	< 0.005	< 0.01	< 0.04	< 0.03	< 0.03	5.5	< 0.01
R7	17-May-99		1		1.4	0.12	< 0.002	< 1	0.022	< 0.01	0.54	< 0.03	< 0.03	0.6	< 0.01
R7	4-Jul-99		< 1		3.5	0.4	< 0.002	< 1	< 0.005	< 0.01	< 0.04	< 0.03	< 0.03	3.5	< 0.01
R7	30-Oct-99		3		5.6	0.02	< 0.002	3	< 0.005	< 0.01	0.04	< 0.03	< 0.005	4	< 0.01
R7	26-Mar-00		2		8.2	< 0.01	< 0.002	4	< 0.005	< 0.01	< 1	< 0.03	< 0.005	5.8	< 0.01
R7	03-Jun-00		1		1.8	0.03	< 0.002	1	< 0.005	< 0.01	< 1	< 0.03	< 0.005	2.3	< 0.01
R7	01-Aug-00		0.45		3.207	0.0058	0.0028	1.66	0.0026	< 0.001	0.3	< 0.001	< 0.001	4.05	< 0.0004
R7	06-Sep-00		0.572		3.686	0.009	< 0.0001	1.859	< 0.0002	< 0.001	< 0.2	< 0.001	< 0.001	5.775	< 0.0004
R7	12-Sep-00		< 1		< 0.1	< 0.01	< 0.002	3	< 0.005	< 0.01	7	< 0.03	< 0.005	3.6	< 0.01
R7	5-Mar-01		< 1		8	0.01	< 0.002	7.48	< 0.005	< 0.01	< 1	< 0.03	< 0.005	6.24	< 0.01
R7	13-Jun-01		< 1		2.6	0.39	< 0.002	3	0.013	< 0.01	< 1	< 0.03	0.036	3	< 0.01
R7	8-Sep-01		< 1		5.5	0.32	< 0.002	5	< 0.005	< 0.01	< 1	< 0.03	< 0.005	5.3	< 0.01
R7	21-Mar-02		2		9.6	0.02	< 0.002	6	< 0.005	< 0.01	0.02	< 0.03	< 0.005	6.9	0.01

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 6. Receiving Environment Dissolved Metals

STATION	DATE	SR-D mg/L	TI-D mg/L	TL-D mg/L	U-D mg/L	V-D mg/L	ZN-D mg/L	ZR-D mg/L
R5	Maximum MDL		< 0.005	< 0.0001		< 0.005	< 0.005	< 0.01
R5	25th Percentile	0.098499998	0.0005	0.000050	0.00125	0.0005	0.0025	0.005
R5	75th Percentile	0.129	0.0017	0.000050	0.00178	0.0005	0.0025	0.005
R6	5-Aug-98	0.1245	< 0.001			< 0.001	< 0.002	
R6	9-Sep-98	0.126	< 0.005			< 0.005	0.04	
R6	01-Aug-00	0.0966	0.0014			0.0003	0.0013	
R6	06-Sep-00	0.096	0.007			< 0.0002	< 0.0004	
R6	20-Jul-04	0.11	< 0.001	< 0.0001	0.0016	< 0.001	< 0.005	< 0.01
R6	23-Aug-04	0.13	< 0.001	< 0.0001	0.0017	< 0.001	< 0.005	< 0.01
R6	29-Mar-05	0.22	< 0.001	< 0.0001	0.0028	< 0.001	< 0.005	< 0.01
R6	17-Aug-05	0.11	< 0.001	< 0.0001	0.0015	< 0.001	< 0.005	< 0.01
R6	21-Feb-06	0.12	< 0.001	< 0.0001	0.002	< 0.001	< 0.005	< 0.01
R6	7-Aug-06	0.097	< 0.001	< 0.0001	0.0012	< 0.001	< 0.005	< 0.01
R6	20-Feb-07	0.12	< 0.001	< 0.0001	0.002	< 0.001	< 0.005	< 0.01
R6	17-Aug-07	0.1	< 0.001	< 0.0001	0.0017	< 0.001	< 0.005	< 0.01
R6	26-Sep-07	0.117	< 0.0005	< 0.000002	0.00163	0.0001	0.0022	0.0001
R6	24-Oct-07	0.132	< 0.0005	< 0.000002	0.00209	< 0.0002	0.0051	< 0.0001
R6	22-Nov-07	0.137	< 0.0005	< 0.000002	0.00231	< 0.0002	0.001	< 0.0001
R6	14-Dec-07	0.145	< 0.0005	< 0.000002	0.00242	< 0.0002	0.0009	< 0.0001
R6	Total # samples	16	16	12	12	16	16	12
R6	Median	0.12	0.0005	0.00005	0.00185	0.0005	0.0025	0.005
R6	MEAN	0.124	0.00103	0.000034	0.00191	0.000488	0.00448	0.00335
R6	STD	0.0297	0.0017	0	0.0004	0.0006	0.0095	0.0024
R6	MINIMUM	0.096	< 0.0005	< 0.000002	0.0012	0.0001	< 0.0004	< 0.0001
R6	MAXIMUM	0.22	0.007	< 0.0001	0.0028	< 0.005	0.04	< 0.01
R6	# samples < MDL	0	14	12	0	14	10	11
R6	% samples < MDL	0	88	100	0	88	62	92
R6	Maximum MDL		< 0.005	< 0.0001		< 0.005	< 0.005	< 0.01
R6	25th Percentile	0.108	0.000438	0.000001	0.00162	0.000100	0.00123	0.00009
R6	75th Percentile	0.130	0.0005	0.000050	0.00215	0.0005	0.0025	0.005
R7	5-Aug-98	0.0965	< 0.001			0.003	< 0.002	
R7	9-Sep-98	0.107	< 0.005			< 0.005	0.02	
R7	25-Feb-99	0.191	0.005			< 0.005	< 0.01	
R7	17-May-99	0.039	< 0.005			0.018	0.02	
R7	4-Jul-99	0.023	< 0.005			< 0.005	< 0.01	
R7	30-Oct-99	0.13	< 0.005			< 0.005	0.26	
R7	26-Mar-00	0.207	< 0.005			< 0.005	< 0.01	
R7	03-Jun-00	0.055	< 0.005			< 0.005	< 0.01	
R7	01-Aug-00	0.0743	0.0006			0.002	0.006	
R7	06-Sep-00	0.078	0.008			< 0.0002	0.003	
R7	12-Sep-00	0.003	< 0.005			0.02	0.04	
R7	5-Mar-01	0.19	< 0.005			< 0.005	< 0.01	
R7	13-Jun-01	0.044	< 0.005			< 0.005	< 0.01	
R7	8-Sep-01	0.124	< 0.005			< 0.005	0.69	
R7	21-Mar-02	0.224	< 0.005			< 0.005	< 0.01	

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 6. Receiving Environment Dissolved Metals

STATION	DATE	AG-D mg/L	AL-D mg/L	AS-D mg/L	BA-D mg/L	B-D mg/L	BE-D mg/L	BI-D mg/L	CA-D mg/L	CD-D mg/L	CO-D mg/L	CR-D mg/L	CU-D mg/L	FE-D mg/L
R7	25-Jun-02	< 0.0002	0.052	< 0.003	0.139	0.06	0.0003	< 0.01	21.2	< 0.0002	< 0.001	0.002	0.009	0.05
R7	27-Sep-02	< 0.0002	0.049	< 0.003	0.138	0.1	0.0002	< 0.01	27	< 0.0002	< 0.001	< 0.001	0.019	0.066
R7	17-Jun-03	< 0.0002	0.012	< 0.003	0.034	0.11	< 0.0002	< 0.01	20.9	< 0.0002	< 0.001	< 0.001	0.01	0.287
R7	15-Sep-03	< 0.0002	0.03	< 0.003	0.042	0.05	< 0.0002	< 0.01	28.3	< 0.0002	0.001	< 0.001	0.026	0.107
R7	14-Mar-04	< 0.0002	0.026	< 0.003	0.067	0.07	< 0.0002	< 0.01	27.9	< 0.0002	< 0.001	< 0.001	0.015	0.011
R7	13-Apr-04	< 0.01	< 0.05	< 0.03	0.054	< 0.01	< 0.003		39.5	< 0.01	< 0.02	< 0.01	< 0.02	< 0.01
R7	14-May-04	< 0.00025	0.11	< 0.001	0.025	< 0.05	< 0.001	< 0.001	9.19	< 0.0002	< 0.001	< 0.001	0.003	0.2
R7	14-Jun-04	< 0.00025	0.013	< 0.001	0.024	< 0.05	< 0.001	< 0.001	11.8	< 0.0002	< 0.001	< 0.001	< 0.001	0.09
R7	13-Jul-04	< 0.00025	< 0.005	< 0.001	0.039	< 0.05	< 0.001	< 0.001	20.2	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	20-Jul-04	< 0.00025	0.007	< 0.001	0.047	< 0.05	< 0.001	< 0.001	25.5	< 0.0002	< 0.001	< 0.001	< 0.001	0.07
R7	10-Aug-04	< 0.00025	< 0.005	< 0.001	0.039	< 0.05	< 0.001	< 0.001	21.2	< 0.0002	< 0.001	< 0.001	< 0.001	0.1
R7	23-Aug-04	< 0.00025	0.005	< 0.001	0.043	< 0.05	< 0.001	< 0.001	24.1	< 0.0002	< 0.001	< 0.001	< 0.001	0.12
R7	13-Sep-04	< 0.00025	< 0.005	< 0.001	0.037	< 0.05	< 0.001	< 0.001	23.6	< 0.0002	< 0.001	< 0.001	< 0.001	0.14
R7	12-Oct-04	< 0.00025	< 0.005	< 0.001	0.047	< 0.05	< 0.001	< 0.001	27.2	< 0.0002	< 0.001	< 0.001	< 0.001	0.23
R7	14-Nov-04	< 0.00025	< 0.005	< 0.001	0.06	< 0.05	< 0.001	< 0.001	33	< 0.0002	< 0.001	< 0.001	< 0.001	0.2
R7	22-Jan-05	< 0.00025	< 0.005	< 0.001	0.064	< 0.05	< 0.001	< 0.001	37.6	< 0.0002	< 0.001	< 0.001	< 0.001	0.11
R7	9-Feb-05	< 0.00025	< 0.005	< 0.001	0.062	< 0.05	< 0.001	< 0.001	35.4	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	14-Mar-05	< 0.00025	0.006	< 0.001	0.069	< 0.05	< 0.001	< 0.001	40.7	< 0.0002	< 0.001	< 0.001	< 0.001	0.18
R7	11-Apr-05	< 0.00025	< 0.005	< 0.001	0.061	< 0.05	< 0.001	< 0.001	38.5	< 0.0002	< 0.001	< 0.001	< 0.001	0.06
R7	9-May-05	< 0.00025	0.092	< 0.001	0.022	< 0.05	< 0.001	< 0.001	7.25	< 0.0002	< 0.001	< 0.001	0.001	0.17
R7	20-Jun-05	< 0.00025	0.022	< 0.001	0.034	< 0.05	< 0.001	< 0.001	18	< 0.0002	< 0.001	< 0.001	< 0.001	0.11
R7	26-Jul-05	< 0.00025	0.008	< 0.001	0.044	< 0.05	< 0.001	< 0.001	22.2	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	23-Aug-05	< 0.00025	< 0.005	< 0.001	0.039	< 0.05	< 0.001	< 0.001	26.4	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	6-Sep-05	< 0.00025	< 0.005	< 0.001	0.042	< 0.05	< 0.001	< 0.001	23	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	11-Oct-05	< 0.00025	< 0.005	< 0.001	0.042	< 0.05	< 0.001	< 0.001	23.6	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	2-Nov-05	< 0.00025	< 0.005	< 0.001	0.054	< 0.05	< 0.001	< 0.001	30.4	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	13-Dec-05	< 0.00025	< 0.005	< 0.001	0.065	< 0.05	< 0.001	< 0.001	35.1	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	24-Jan-06	< 0.00025	0.006	< 0.001	0.062	< 0.05	< 0.001	< 0.001	35.1	< 0.0002	< 0.001	< 0.001	< 0.001	0.09
R7	14-Feb-06	< 0.00025	0.006	< 0.001	0.064	< 0.05	< 0.001	< 0.001	35.6	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	25-Mar-06	< 0.00025	< 0.005	< 0.001	0.065	< 0.05	< 0.001	< 0.001	38.3	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	24-Apr-06	< 0.00025	< 0.005	< 0.001	0.062	< 0.05	< 0.001	< 0.001	35.6	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	18-May-06	< 0.00025	0.078	< 0.001	0.027	< 0.05	< 0.001	< 0.001	9.48	< 0.0002	< 0.001	< 0.001	0.002	0.21
R7	19-Jun-06	< 0.00025	0.021	< 0.001	0.032	< 0.05	< 0.001	< 0.001	17	< 0.0002	< 0.001	< 0.001	< 0.001	0.1
R7	17-Jul-06	< 0.00025	0.017	< 0.001	0.034	< 0.05	< 0.001	< 0.001	19.9	< 0.0002	< 0.001	< 0.001	< 0.001	0.1
R7	22-Aug-06	< 0.00025	0.009	< 0.001	0.035	< 0.05	< 0.001	< 0.001	20.3	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	12-Sep-06	< 0.00025	0.01	< 0.001	0.036	< 0.05	< 0.001	< 0.001	21.1	< 0.0002	< 0.001	< 0.001	< 0.001	0.07
R7	16-Oct-06	< 0.00025	0.005	< 0.001	0.047	< 0.05	< 0.001	< 0.001	26.3	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	14-Nov-06	< 0.00025	0.014	< 0.001	0.065	< 0.05	< 0.001	< 0.001	34.3	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	14-Dec-06	< 0.00025	< 0.005	< 0.001	0.071	< 0.05	< 0.001	< 0.001	35.6	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	14-Feb-07	< 0.00025	< 0.005	< 0.001	0.067	< 0.05	< 0.001	< 0.001	37.2	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	12-Mar-07	< 0.00025	< 0.005	< 0.001	0.077	< 0.05	< 0.001	< 0.001	40.8	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	27-Mar-07	< 0.00005	0.001	0.0003	0.079	< 0.01	< 0.0002	< 0.0002	41	0.00001	< 0.0002	< 0.0002	0.0003	0.02
R7	19-Apr-07	< 0.00025	< 0.005	< 0.001	0.072	< 0.05	< 0.001	< 0.001	40.1	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	15-May-07	< 0.00025	0.041	< 0.001	0.032	< 0.05	< 0.001	< 0.001	12.3	< 0.0002	< 0.001	< 0.001	0.002	0.22
R7	19-Jun-07	< 0.00025	0.013	< 0.001	0.033	< 0.05	< 0.001	< 0.001	16.9	< 0.0002	< 0.001	< 0.001	< 0.001	0.07

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 6. Receiving Environment Dissolved Metals

STATION	DATE	HG-D mg/L	K-D mg/L	LI-D mg/L	MG-D mg/L	MN-D mg/L	MO-D mg/L	NA-D mg/L	NI-D mg/L	PB-D mg/L	P-D mg/L	SB-D mg/L	SE-D mg/L	SI-D mg/L	SN-D mg/L
R7	25-Jun-02		0.7		4.4	0.011	< 0.001	1.7	0.002	< 0.002	< 0.01	< 0.002	< 0.005	4.2	0.004
R7	27-Sep-02		0.7		5.3	0.015	< 0.001	2.6	0.002	< 0.002	< 0.01	0.013	< 0.005	4.6	0.024
R7	17-Jun-03		0.6		4.1	< 0.001	0.002	0.7	< 0.001	< 0.002	0.02	0.003	< 0.005		< 0.002
R7	15-Sep-03		0.6		4.7	0.012	0.002	1.6	0.001	0.005	< 0.01	< 0.002	< 0.005		< 0.002
R7	14-Mar-04		0.9		6.3	0.007	0.005	1.8	0.007	< 0.002	< 0.01	0.002	< 0.005		< 0.002
R7	13-Apr-04	< 0.00002	0.8		7.05	0.004	< 0.02	3	< 0.02	< 0.03	< 0.15	< 0.05	< 0.0002	5.14	< 0.03
R7	14-May-04		1.8	0.001	1.93	0.016	< 0.0005	0.81	0.001	< 0.001	0.2	< 0.001	< 0.001	5	< 0.001
R7	14-Jun-04		0.2	< 0.001	2.81	0.003	< 0.0005	1.04	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	6.7	< 0.001
R7	13-Jul-04		0.3	0.003	3.68	0.008	< 0.0005	1.05	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	7.2	< 0.001
R7	20-Jul-04		0.6	0.004	5.59	0.004	< 0.0005	2.22	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	10.2	< 0.001
R7	10-Aug-04		0.4	0.003	4.3	0.009	< 0.0005	1.71	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	8.6	< 0.001
R7	23-Aug-04		0.5	0.004	5.1	0.006	< 0.0005	2.06	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	9.4	< 0.001
R7	13-Sep-04		0.4	0.004	4.99	0.017	< 0.0005	2.17	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	9.2	< 0.001
R7	12-Oct-04		0.7	0.004	5.72	0.025	< 0.0005	2.5	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	11.7	< 0.001
R7	14-Nov-04		1	0.006	7.37	0.017	0.0005	2.76	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	13.5	< 0.001
R7	22-Jan-05		0.9	0.007	7.94	0.017	0.0006	2.77	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	11.5	< 0.001
R7	9-Feb-05		0.8	0.007	6.94	0.011	0.0007	2.89	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	11.6	< 0.001
R7	14-Mar-05		1.1	0.006	7.26	0.01	0.0007	3.41	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	11.2	< 0.001
R7	11-Apr-05		0.9	0.007	7.52	0.004	0.0007	3.24	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	12.4	< 0.001
R7	9-May-05		1	0.001	1.34	0.009	< 0.0005	0.69	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4.3	< 0.001
R7	20-Jun-05		0.4	0.002	4.27	0.015	< 0.0005	1.4	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	9.2	< 0.001
R7	26-Jul-05		0.4	0.003	4.32	0.004	< 0.0005	1.66	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	11.3	< 0.001
R7	23-Aug-05		0.4	0.003	5.4	0.014	< 0.0005	1.87	< 0.001	< 0.001	< 0.15	< 0.001	0.001	8.9	< 0.001
R7	6-Sep-05		0.5	0.003	4.56	0.012	< 0.0005	1.83	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	8.8	< 0.001
R7	11-Oct-05		0.5	0.003	5.03	0.017	< 0.0005	1.72	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	10.7	< 0.001
R7	2-Nov-05		0.6	0.005	6.12	0.01	0.0005	1.81	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	11.1	< 0.001
R7	13-Dec-05		0.8	0.006	7.13	0.007	0.0006	2.55	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	5.5	< 0.001
R7	24-Jan-06		0.6	0.007	7.44	0.007	0.0006	2.74	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	5.9	< 0.001
R7	14-Feb-06		0.9	0.007	7.48	0.008	0.0007	2.87	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	5.8	< 0.001
R7	25-Mar-06		1	0.008	7.81	0.006	0.0008	3.02	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	5.8	< 0.001
R7	24-Apr-06		0.9	0.007	7.06	0.004	0.0008	2.82	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	5	< 0.001
R7	18-May-06		1.4	0.001	1.61	0.003	< 0.0005	0.74	0.001	< 0.001	< 0.15	< 0.001	< 0.001	2.2	< 0.001
R7	19-Jun-06		0.5	0.002	3.64	0.004	< 0.0005	1.38	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	3.6	< 0.001
R7	17-Jul-06		0.3	0.007	4.8	0.008	< 0.0005	1.51	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4.2	< 0.001
R7	22-Aug-06		0.5	0.003	4.04	0.01	< 0.0005	1.72	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4.1	< 0.001
R7	12-Sep-06		0.4	0.003	4.56	0.012	< 0.0005	1.8	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4.7	< 0.001
R7	16-Oct-06		0.5	0.004	5.4	0.014	< 0.0005	2.16	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4.3	< 0.001
R7	14-Nov-06		0.6	0.005	7.37	0.008	0.0006	2.73	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	5.5	< 0.001
R7	14-Dec-06		0.8	0.006	7.47	0.01	0.0006	2.71	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	5.8	< 0.001
R7	14-Feb-07		0.8	0.007	7.72	0.005	0.0008	2.96	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	5.5	< 0.001
R7	12-Mar-07		1.1	0.01	8.54	0.007	0.0008	3.49	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	5.5	< 0.001
R7	27-Mar-07	< 0.000015	1.02	0.0095	8.62	0.0048	0.0009	3.73	0.0005	< 0.0002	< 0.03	< 0.0002	0.0005	5.91	< 0.0002
R7	19-Apr-07		1.1	0.006	7.47	0.005	0.0008	2.89	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4.9	< 0.001
R7	15-May-07		1.3	< 0.005	2.5	0.002	0.0008	1.01	0.001	< 0.001	< 0.15	< 0.001	< 0.001	3.1	< 0.001
R7	19-Jun-07		0.4	< 0.005	3.83	0.001	< 0.0005	1.35	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	3.4	< 0.001

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 6. Receiving Environment Dissolved Metals

STATION	DATE	SR-D mg/L	TI-D mg/L	TL-D mg/L	U-D mg/L	V-D mg/L	ZN-D mg/L	ZR-D mg/L
R7	25-Jun-02	0.084	< 0.001			< 0.001	0.007	
R7	27-Sep-02	0.104	< 0.001			< 0.001	0.008	
R7	17-Jun-03	0.054	< 0.001	< 0.002		< 0.001	0.01	
R7	15-Sep-03	0.076	0.001	< 0.002		< 0.001	0.013	
R7	14-Mar-04	0.088	< 0.001	< 0.002		< 0.001	0.021	
R7	13-Apr-04	0.16	< 0.005			< 0.01	< 0.005	< 0.02
R7	14-May-04	0.039	0.001	< 0.0001	< 0.0005	< 0.001	0.012	< 0.01
R7	14-Jun-04	0.045	< 0.001	< 0.0001	< 0.0005	< 0.001	0.006	< 0.01
R7	13-Jul-04	0.08	< 0.001	< 0.0001	0.0008	< 0.001	< 0.005	< 0.01
R7	20-Jul-04	0.099	< 0.001	< 0.0001	0.001	< 0.001	< 0.005	< 0.01
R7	10-Aug-04	0.087	< 0.001	< 0.0001	0.0007	< 0.001	< 0.005	< 0.01
R7	23-Aug-04	0.098	< 0.001	< 0.0001	0.0009	< 0.001	< 0.005	< 0.01
R7	13-Sep-04	0.097	< 0.001	< 0.0001	0.0009	< 0.001	< 0.005	< 0.01
R7	12-Oct-04	0.11	< 0.001	< 0.0001	0.0014	< 0.001	< 0.005	< 0.01
R7	14-Nov-04	0.13	< 0.001	< 0.0001	0.0013	< 0.001	0.008	< 0.01
R7	22-Jan-05	0.16	< 0.001	< 0.0001	0.0014	< 0.001	0.035	< 0.01
R7	9-Feb-05	0.15	< 0.001	< 0.0001	0.0019	< 0.001	0.013	< 0.01
R7	14-Mar-05	0.16	< 0.001	< 0.0001	0.002	< 0.001	0.013	< 0.01
R7	11-Apr-05	0.17	< 0.001	< 0.0001	0.0022	< 0.001	< 0.005	< 0.01
R7	9-May-05	0.03	< 0.001	< 0.0001	< 0.0005	< 0.001	0.006	< 0.01
R7	20-Jun-05	0.064	< 0.001	< 0.0001	0.0006	< 0.001	< 0.005	< 0.01
R7	26-Jul-05	0.088	< 0.001	< 0.0001	0.0007	< 0.001	< 0.005	< 0.01
R7	23-Aug-05	0.099	< 0.001	< 0.0001	0.001	< 0.001	< 0.005	< 0.01
R7	6-Sep-05	0.087	< 0.001	< 0.0001	0.0008	< 0.001	< 0.005	< 0.01
R7	11-Oct-05	0.091	< 0.001	< 0.0001	0.0009	< 0.001	< 0.005	< 0.01
R7	2-Nov-05	0.12	< 0.001	< 0.0001	0.0014	< 0.001	< 0.005	< 0.01
R7	13-Dec-05	0.12	< 0.001	< 0.0001	0.0015	< 0.001	< 0.005	< 0.01
R7	24-Jan-06	0.13	< 0.001	< 0.0001	0.0018	< 0.001	0.006	< 0.01
R7	14-Feb-06	0.15	< 0.001	< 0.0001	0.0018	< 0.001	0.013	< 0.01
R7	25-Mar-06	0.15	< 0.001	< 0.0001	0.0023	< 0.001	< 0.005	< 0.01
R7	24-Apr-06	0.15	< 0.001	< 0.0001	0.0019	< 0.001	< 0.005	< 0.01
R7	18-May-06	0.036	< 0.001	< 0.0001	< 0.0005	< 0.001	0.005	< 0.01
R7	19-Jun-06	0.058	< 0.001	< 0.0001	0.0006	< 0.001	< 0.005	< 0.01
R7	17-Jul-06	0.067	< 0.001	< 0.0001	0.0005	< 0.001	< 0.005	< 0.01
R7	22-Aug-06	0.076	< 0.001	< 0.0001	0.0007	< 0.001	< 0.005	< 0.01
R7	12-Sep-06	0.08	< 0.001	< 0.0001	0.0007	< 0.001	< 0.005	< 0.01
R7	16-Oct-06	0.098	< 0.001	< 0.0001	0.0012	< 0.001	< 0.005	< 0.01
R7	14-Nov-06	0.14	< 0.001	< 0.0001	0.0018	< 0.001	< 0.005	< 0.01
R7	14-Dec-06	0.14	< 0.001	< 0.0001	0.0023	< 0.001	< 0.005	< 0.01
R7	14-Feb-07	0.15	< 0.001	< 0.0001	0.0023	< 0.001	< 0.005	< 0.01
R7	12-Mar-07	0.18	< 0.001	< 0.0001	0.0028	< 0.001	< 0.005	< 0.01
R7	27-Mar-07	0.173	0.0002	< 0.00002	0.0032	< 0.0002	< 0.001	< 0.002
R7	19-Apr-07	0.18	< 0.001	< 0.0001	0.002	< 0.001	0.006	< 0.01
R7	15-May-07	0.054	< 0.001	< 0.0001	< 0.0005	< 0.001	< 0.005	< 0.01
R7	19-Jun-07	0.06	< 0.001	< 0.0001	< 0.0005	< 0.001	< 0.005	< 0.01

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 6. Receiving Environment Dissolved Metals

STATION	DATE	AG-D mg/L	AL-D mg/L	AS-D mg/L	BA-D mg/L	B-D mg/L	BE-D mg/L	BI-D mg/L	CA-D mg/L	CD-D mg/L	CO-D mg/L	CR-D mg/L	CU-D mg/L	FE-D mg/L
R7	17-Jul-07	< 0.00025	0.012	< 0.001	0.032	< 0.05	< 0.001	< 0.001	14.7	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	14-Aug-07	< 0.00025	0.007	< 0.001	0.043	< 0.05	< 0.001	< 0.001	22	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	11-Sep-07	< 0.00025	0.009	< 0.001	0.038	< 0.05	< 0.001	< 0.001	16.7	< 0.0002	< 0.001	< 0.001	0.002	0.08
R7	23-Oct-07	< 0.00025	< 0.005	< 0.001	0.049	< 0.05	< 0.001	< 0.001	27	< 0.0002	< 0.001	< 0.001	< 0.001	0.07
R7	14-Nov-07	< 0.00025	0.026	< 0.001	0.052	< 0.05	< 0.001	< 0.001	31.5	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R7	9-Dec-07	< 0.00025	< 0.005	< 0.001	0.057	< 0.05	< 0.001	< 0.001	31.4	< 0.0002	< 0.001	< 0.001	< 0.001	0.06
R7	Total # samples	66	66	66	66	66	66	65	66	66	66	66	66	66
R7	Median	0.000125	0.0095	0.0005	0.047	0.025	0.0005	0.0005	25.0	0.0001	0.0005	0.0005	0.0005	0.0545
R7	MEAN	0.000416	0.0182	0.00177	0.0578	0.0362	0.000489	0.00503	26.1	0.000268	0.0009697	0.000936	0.00368	0.0743
R7	STD	0.0008	0.0227	0.0045	0.0417	0.0381	0.0003	0.0087	10.3	0.0007	0.0014	0.0009	0.0107	0.0721
R7	MINIMUM	< 0.00005	0.001	0.0003	< 0.002	< 0.002	< 0.0001	< 0.0002	6.1	0.00001	< 0.0002	< 0.0002	0.0003	< 0.01
R7	MAXIMUM	< 0.01	0.11	0.033	0.25	0.22	< 0.003	< 0.05	52.1	< 0.01	< 0.02	< 0.01	0.081	0.3
R7	# samples < MDL	66	34	63	1	55	62	65	0	64	65	65	46	29
R7	% samples < MDL	100	52	95	2	83	94	100	0	97	98	98	70	44
R7	Maximum MDL	< 0.01	< 0.05	< 0.03	< 0.002	< 0.05	< 0.003	< 0.05		< 0.01	< 0.02	< 0.01	< 0.02	< 0.05
R7	25th Percentile	0.000125	0.0025	0.0005	0.0353	0.025	0.0005	0.0005	18.8	0.0001	0.0005	0.0005	0.0005	0.025
R7	75th Percentile	0.000125	0.025	0.0015	0.064999999	0.025	0.0005	0.005	35.3	0.0001	0.0005	0.0005	0.002	0.1
R11	20-Jul-04	< 0.00025	0.013	< 0.001	0.063	< 0.05	< 0.001	< 0.001	42.5	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R11	23-Aug-04	< 0.00025	0.037	< 0.001	0.067	< 0.05	< 0.001	< 0.001	41.7	< 0.0002	< 0.001	< 0.001	< 0.001	0.11
R11	29-Mar-05	< 0.00025	< 0.005	< 0.001	0.087	< 0.05	< 0.001	< 0.001	72.8	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R11	17-Aug-05	< 0.00025	< 0.005	< 0.001	0.049	< 0.05	< 0.001	< 0.001	34.9	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R11	21-Feb-06	< 0.00025	< 0.005	< 0.001	0.069	< 0.05	< 0.001	< 0.001	47.8	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R11	7-Aug-06	< 0.00025	0.006	< 0.001	0.053	< 0.05	< 0.001	< 0.001	38.3	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R11	20-Feb-07	< 0.00025	< 0.005	< 0.001	0.074	< 0.05	< 0.001	< 0.001	49.7	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R11	17-Aug-07	< 0.00025	< 0.005	< 0.001	0.064	< 0.05	< 0.001	< 0.001	37.2	< 0.0002	< 0.001	< 0.001	< 0.001	0.07
R11	Total # samples	8	8	8	8	8	8	8	8	8	8	8	8	8
R11	Median	0.000125	0.0025	0.0005	0.0655	0.025	0.0005	0.0005	42.1	0.0001	0.0005	0.0005	0.0005	0.025
R11	MEAN	0.000125	0.00856	0.0005	0.0658	0.025	0.0005	0.0005	45.6	0.0001	0.0005	0.0005	0.0005	0.0413
R11	STD	0	0.0121	0	0.0119	0	0	0	12.1	0	0	0	0	0.0319
R11	MINIMUM	< 0.00025	< 0.005	< 0.001	0.049	< 0.05	< 0.001	< 0.001	34.9	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R11	MAXIMUM	< 0.00025	0.037	< 0.001	0.087	< 0.05	< 0.001	< 0.001	72.8	< 0.0002	< 0.001	< 0.001	< 0.001	0.11
R11	# samples < MDL	8	5	8	0	8	8	8	0	8	8	8	8	6
R11	% samples < MDL	100	62	100	0	100	100	100	0	100	100	100	100	75
R11	Maximum MDL	< 0.00025	< 0.005	< 0.001		< 0.05	< 0.001	< 0.001		< 0.0002	< 0.001	< 0.001	< 0.001	< 0.05
R11	25th Percentile	0.000125	0.0025	0.0005	0.0605	0.025	0.0005	0.0005	38.0	0.0001	0.0005	0.0005	0.0005	0.025
R11	75th Percentile	0.000125	0.00775	0.0005	0.0702	0.025	0.0005	0.0005	48.3	0.0001	0.0005	0.0005	0.0005	0.0363

Notes:

Statistics calculated for stations with 3 or more values in a dataset.

DL: Method Detection Limit

Method Detection Limit set to 1/2 method detection limit for statistical calculations

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 6. Receiving Environment Dissolved Metals

STATION	DATE	HG-D mg/L	K-D mg/L	LI-D mg/L	MG-D mg/L	MN-D mg/L	MO-D mg/L	NA-D mg/L	NI-D mg/L	PB-D mg/L	P-D mg/L	SB-D mg/L	SE-D mg/L	SI-D mg/L	SN-D mg/L
R7	17-Jul-07		0.3	< 0.005	3.27	0.006	< 0.0005	1.31	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	3.7	< 0.001
R7	14-Aug-07		0.4	< 0.005	4.94	0.007	< 0.0005	1.75	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4	< 0.001
R7	11-Sep-07		0.4	< 0.001	3.66	0.005	< 0.0005	1.57	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4.2	< 0.001
R7	23-Oct-07		0.6	0.004	5.97	0.014	0.0006	2.27	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4.8	< 0.001
R7	14-Nov-07		0.7	0.004	6.37	0.009	0.0006	2.32	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	5.1	< 0.001
R7	9-Dec-07		0.7	0.002	6.31	0.009	0.0005	2.27	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	5	< 0.001
R7	Total # samples	4	66	45	66	66	66	66	66	66	66	66	66	63	66
R7	Median	0.0250	0.6	0.004	5.2	0.009	0.0006	2.20	0.0005	0.0005	0.075	0.0005	0.0005	5.5	0.0005
R7	MEAN	0.0250	0.761	0.00434	5.31	0.0276	0.000852	2.32	0.00166	0.00165	0.217	0.00380	0.00209	6.15	0.00204
R7	STD	0.0289	0.465	0.0024	2.12	0.0771	0.0013	1.22	0.0033	0.0024	0.858	0.0063	0.0052	2.92	0.0038
R7	MINIMUM	< 0.000015	0.2	< 0.001	< 0.1	< 0.001	< 0.0001	0.69	< 0.0002	< 0.0002	< 0.008	< 0.0002	< 0.0002	0.6	< 0.0002
R7	MAXIMUM	< 0.1	3	0.01	9.6	0.4	< 0.02	7.48	0.022	< 0.03	7	< 0.05	0.036	13.5	< 0.03
R7	# samples < MDL	4	6	6	1	4	40	2	55	65	58	63	63	0	63
R7	% samples < MDL	100	9	13	2	6	61	3	83	98	88	95	95	0	95
R7	Maximum MDL	< 0.1	< 1	< 0.005	< 0.1	< 0.01	< 0.02	< 1	< 0.02	< 0.03	< 1	< 0.05	< 0.03		< 0.03
R7	25th Percentile	0.000009	0.5	0.0025	3.88	0.005	0.00025	1.62	0.0005	0.0005	0.075000002	0.0005	0.0005	4.19	0.0005
R7	75th Percentile	0.050000001	0.900	0.006	7.23	0.014	0.001	2.89	0.00175	0.001	0.075000001	0.00175	0.00213	7.90	0.001
R11	20-Jul-04		1.6	0.004	9.89	0.007	0.0008	3.45	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	8.7	< 0.001
R11	23-Aug-04		1.4	0.003	9.4	0.009	0.0008	2.85	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	8.9	< 0.001
R11	29-Mar-05		1.7	0.004	15.3	0.004	0.0011	5.33	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	12	< 0.001
R11	17-Aug-05		0.9	0.002	8.07	0.038	0.0007	1.84	< 0.001	< 0.001	< 0.15	< 0.001	0.001	6.6	< 0.001
R11	21-Feb-06		1.4	0.003	10.5	0.002	0.0009	3.41	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	5.2	< 0.001
R11	7-Aug-06		1	0.003	8.14	0.006	0.0007	2.48	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4	< 0.001
R11	20-Feb-07		1.4	0.003	10.7	0.001	0.001	3.36	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	4.8	< 0.001
R11	17-Aug-07		1.2	< 0.005	9.35	0.026	0.0008	2.81	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	3.1	< 0.001
R11	Total # samples		8	8	8	8	8	8	8	8	8	8	8	8	8
R11	Median		1.4	0.003	9.65	0.0065	0.0008	3.11	0.0005	0.0005	0.075	0.0005	0.0005	5.9	0.0005
R11	MEAN		1.33	0.00306	10.2	0.0116	0.00085	3.19	0.0005	0.0005	0.075	0.0005	0.000563	6.66	0.0005
R11	STD		0.277	0.0007	2.29	0.0132	0.0001	1.02	0	0	0	0	0.0002	3.00	0
R11	MINIMUM		0.9	0.002	8.07	0.001	0.0007	1.84	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	3.1	< 0.001
R11	MAXIMUM		1.7	< 0.005	15.3	0.038	0.0011	5.33	< 0.001	< 0.001	< 0.15	< 0.001	< 0.001	12	< 0.001
R11	# samples < MDL		0	1	0	0	0	0	8	8	8	8	7	0	8
R11	% samples < MDL		0	12	0	0	0	0	100	100	100	100	88	0	100
R11	Maximum MDL			< 0.005					< 0.001	< 0.001	< 0.15	< 0.001	< 0.001		< 0.001
R11	25th Percentile		1.15	0.00287	9.05	0.0035	0.000775	2.73	0.0005	0.0005	0.075000001	0.0005	0.0005	4.6	0.0005
R11	75th Percentile		1.45	0.00325	10.6	0.0132	0.000925	3.42	0.0005	0.0005	0.075000002	0.0005	0.0005	8.75	0.0005

Notes:

Statistics calculated for stations with 3 or more values in a dataset.

DL: Method Detection Limit

Method Detection Limit set to 1/2 method detection limit for statistical calculations

B2.3-2: Rose Creek/Anvil Creek/Pelly River Drainage Receiving Sites

Table 6. Receiving Environment Dissolved Metals

STATION	DATE	SR-D mg/L	TI-D mg/L	TL-D mg/L	U-D mg/L	V-D mg/L	ZN-D mg/L	ZR-D mg/L
R7	17-Jul-07	0.064	< 0.001	< 0.0001	< 0.0005	< 0.001	< 0.005	< 0.01
R7	14-Aug-07	0.086	< 0.001	< 0.0001	0.0007	< 0.001	< 0.005	< 0.01
R7	11-Sep-07	0.069	< 0.001	< 0.0001	0.0006	< 0.001	< 0.005	< 0.01
R7	23-Oct-07	0.11	< 0.001	< 0.0001	0.0011	< 0.001	< 0.005	< 0.01
R7	14-Nov-07	0.11	< 0.001	< 0.0001	0.0013	< 0.001	< 0.005	< 0.01
R7	9-Dec-07	0.13	< 0.001	< 0.0001	0.0017	< 0.001	0.006	< 0.01
R7	Total # samples	66	66	48	45	66	66	46
R7	Median	0.098	0.0005	0.00005	0.001	0.0005	0.0025	0.005
R7	MEAN	0.105	0.00106	0.000109	0.00121	0.00148	0.0204	0.00502
R7	STD	0.0485	0.0013	0.0002	0.0008	0.0033	0.0896	0.001
R7	MINIMUM	0.003	0.0002	< 0.00002	< 0.0005	< 0.0002	< 0.001	< 0.002
R7	MAXIMUM	0.224	0.008	< 0.002	0.0032	0.02	0.69	< 0.02
R7	# samples < MDL	0	60	48	7	62	42	46
R7	% samples < MDL	0	91	100	16	94	64	100
R7	Maximum MDL		< 0.005	< 0.002	< 0.0005	< 0.01	< 0.01	< 0.02
R7	25th Percentile	0.0703	0.0005	0.000050	0.0007	0.0005	0.0025	0.005
R7	75th Percentile	0.14	0.000575	0.000050	0.0018	0.0005	0.006	0.005
R11	20-Jul-04	0.14	< 0.001	< 0.0001	0.0014	< 0.001	< 0.005	< 0.01
R11	23-Aug-04	0.14	0.002	< 0.0001	0.0015	< 0.001	< 0.005	< 0.01
R11	29-Mar-05	0.23	< 0.001	< 0.0001	0.0027	< 0.001	< 0.005	< 0.01
R11	17-Aug-05	0.11	< 0.001	< 0.0001	0.0012	< 0.001	< 0.005	< 0.01
R11	21-Feb-06	0.14	< 0.001	< 0.0001	0.002	< 0.001	< 0.005	< 0.01
R11	7-Aug-06	0.12	< 0.001	< 0.0001	0.0011	< 0.001	< 0.005	< 0.01
R11	20-Feb-07	0.15	< 0.001	< 0.0001	0.0021	< 0.001	< 0.005	< 0.01
R11	17-Aug-07	0.13	< 0.001	< 0.0001	0.0015	< 0.001	< 0.005	< 0.01
R11	Total # samples	8	8	8	8	8	8	8
R11	Median	0.14	0.0005	0.00005	0.0015	0.0005	0.0025	0.005
R11	MEAN	0.145	0.000688	0.00005	0.0016875	0.0005	0.0025	0.005
R11	STD	0.0366	0.0005	0	0.0005	0	0	0
R11	MINIMUM	0.11	< 0.001	< 0.0001	0.0011	< 0.001	< 0.005	< 0.01
R11	MAXIMUM	0.23	0.002	< 0.0001	0.0027	< 0.001	< 0.005	< 0.01
R11	# samples < MDL	0	7	8	0	8	8	8
R11	% samples < MDL	0	88	100	0	100	100	100
R11	Maximum MDL		< 0.001	< 0.0001		< 0.001	< 0.005	< 0.01
R11	25th Percentile	0.127	0.0005	0.000050	0.00135	0.0005	0.0025	0.005
R11	75th Percentile	0.143	0.0005	0.000050	0.00203	0.0005	0.0025	0.005

Notes:

Statistics calculated for stations with 3 or more values in a dataset.

DL: Method Detection Limit

Method Detection Limit set to 1/2 method detection limit for statistical calculations