

APPENDIX A

Contents of Water Data File

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Sample Number	Location	Site	Eastings	Northings
PNA94-W1	Taken below dam, high-grade tailings site	6	599279	5249246
PNA94-W2	Peterson Lake, taken 8-10 m offshore, near waste rock pile in water	NL	~600090	~5249000
PNA94-W3	Bucke Park well	GW2		
PNA94-W4	Farr Creek, 150 m from culvert	27	601335	5250256
PNA94-W5	Farr Creek, downstream from culvert	28	601313	5250473
PNA94-W6	Farr Creek, 3 m above confluence with Mill Creek	29	601435	5250605
PNA94-W7	Mill Creek, 5 m above confluence with Farr Creek (very turbid)	25	601385	5250660
PNA94-W8	Farr Creek, 50 m below confluence with Mill Creek	30	601427	5250633
PNA94-W9	Farr Creek, ~1.5 km from road, ~ 1 km from power line	31	601630	5251106
PNA94-W10	North end of Cobalt Lake, ~50 m from baseball diamond	10	599312	5249417
PNA94-W11	Mill Creek, Rite of Way Mine	13	599744	5250014
PNA94-W12	Mill Creek and ONR tracks	17	600099	5250618
PNA94-W13	Mill Creek, ~ 10 m upstream from LaRose outlet	14	599950	5250422
PNA94-W14	LaRose outlet, 2-3 m above confluence with Mill Creek	15	599937	5250445
PNA94-W15	Mill Creek, 20 m below confluence with LaRose outlet	16	599996	5250500
PNA94-W16	Mill Creek, upstream from Highway 11B	20	600756	5250848
PNA94-W17	Farr Creek, control weir	32	602092	5252120
PNA94-W18	Bucke Park, well house overflow (repeat sample)	GW3		
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PNA94-W23	Brief Lake, west side (mid-way)	1	~598010	~5248010

Sample Number	Location	Site	Eastings	Northings
PNA94-W24	Short Lake, 5 m north of dam, west shore	3	598404	5248716
PNA94-W25	Cobalt Lake south, west shore, 150 m north of dam	5	598679	5249025
PNA94-W26	Short Lake, north end, east shore near waste rock pile about 30 m from outlet	4	598467	5248860
PNA94-W27	High grade tailings, below dam (PNA94-W1)	6	599279	5249246
PNA94-W28	Bucke Park, first trailer near well house	GW4		
PNA94-W29	Cobatek Mine, decant pond outflow (now Canmine Resources Corporation)	34		
PNA94-W30	Mill Creek, Highway 567, west shore	35	603081	5253082
PNA94-W31	Mill Creek (Farr Creek) Groom Road, North Cobalt near church (abundant algae, benthic organisms in stream)	33	602514	5252933
PNA94-W32	Mill Creek, below dam downstream from Coleman garage	21	600957	5250756
PNA94-W33	Mill Creek, 10 m upstream from LaRose confluence	14	599950	5250422
PNA94-W34	LaRose (Creek) outlet, about 15m upstream from confluence with Mill Creek	15	599937	5250445
PNA94-W35	Mill Creek, 20 m below (north) of confluence with LaRose outlet	16	599996	5250500
PNA94-W36	Well head of shaft, west of Sasaginaga Creek	GW1		
PNA95-W101	South end, Cobalt Lake	8	599215	5249294
PNA95-W102	Outlet of high-grade ditch into Cobalt Lake	7	599221	5249272
PNA95-W103	10m offshore from high-grade drainage ditch, Cobalt Lake	9	~599221	~5249272
PNA95-W104	North end, Cobalt Lake, 7m from foot bridge (outlet to Mill Creek)	11	599635	5249870
PNA95-W105	Mill Creek, beaver dam	24	601341	5250688
PNA95-W106	Farr Creek, 50 m downstream of confluence with Mill Creek (site of C13)	30	601427	5250633
PNA95-W107	Farr Creek, 5 m above confluence with Mill Creek (site of C14)	29	601435	5250605
PNA95-W108	Mill Creek, 10 m upstream of confluence with Farr Creek	25	601385	5250660
PNA95-W109	Farr Creek, 4 m downstream from culvert along road to Deer Horn Mine	28	601313	5250473

Sample Number	Location	<u>Site</u>	<u>Eastings</u>	<u>Northings</u>
PNA95-W110	Mill Creek, below large beaver dam	22	601025	5250734
PNA95-W111	Mill Creek, upstream from larger (beaver) pond	23	601219	5250628
PNA95-W112	High-grade tailings site, 4 m below dam	6	599279	5249246
PNA95-W113	Mill Creek, Highway 11B (Coleman Twsp. garage)	20	600756	5250848
PNA95-W114	Mill Creek, Highway 567	35	603081	5253082
PNA97-W1	Cobalt Lake south, west shore, ~150 m north of dam (PNA94-W25)	5	598679	5249025
PNA97-W2	Short Lake, 5 m north of dam, west shore (PNA94-W24)	3	598404	5248716
PNA97-W3	Nipissing low grade tailings site, ephemeral stream, east side, 10 m from limit of otc, 50 m from Lookout.	NL		
PNA97-W4	Taken below dam, high grade tailings site (PNA94-W1)	6	599279	5249246
PNA97-W5	Outlet of high-grade ditch into Cobalt Lake (PNA95-W102)	7	599221	5249272
PNA97-W6	Nipissing low grade tailings site, upstream from road culvert	NL		
PNA97-W7	North end, Cobalt Lake, 7 m from foot bridge (outlet to Mill Creek) (PNA95-W104)	11	599635	5249870
PNA97-W8	LaRose outlet, 2-3 m above confluence with Mill Creek (PNA94-W14)	15	599937	5250445
PNA97-W9	Mill Creek, ~6 m below confluence with LaRose outlet (PNA94-W15)	16	599996	5250500
PNA97-W10	Mill Creek, upstream from Highway 11B (PNA94-W16)	20	600756	5250848
PNA97-W11	Mill Creek, below dam downstream from Coleman garage (PNA94-W32)	21	600957	5250756
PNA97-W12	Mill Creek, 10 m upstream of confluence with Farr Creek (PNA95-W108)	25	601385	5250660
PNA97-W13	Farr Creek, 4 m downstream from culvert along road to Deer Horn Mine (PNA95-W109)	28	601313	5250473
PNA97-W14	Farr Creek, second outlet along road to Deer Horn Mine (no bridge)	28a		
PNA97-W15	Farr Creek, ~ 25 m below confluence with Mill Creek on east shore	30a		
97-09-05	Mouth of Farr Creek/Lake Timiskaming	36		

NL= Not listed by site number

Location of Water Samples by Site

A3-Location-Site No.

Sites based on stations established by Dumaresq (1993)

Site Number	Date	Eastings*	Northings*	Sample Number	
1	09/94			PNA94-W23	Brief Lake, west side (mid-way)
2	91-92	598356	5248621	Dumaresq (1993)	Short Lake, east side
3	09/94	598404	5248716	PNA94-W24	Short Lake, 5 m north of dam, west shore
	08/97			PNA97-W2	
4	09/94	598467	5248860	PNA94-W26	Short Lake, north end, east shore near waste rock pile about 30 m from outlet
5	09/94	598679	5249025	PNA94-W25	Cobalt Lake south, west shore, 150 m north of dam
	08/97			PNA97-W1	
6	91/92	599279	5249246	Dumaresq (1993)	Taken below dam, high grade tailings site
	07/94			PNA94-W1	
	09/94			PNA94-W27	
	05/95			PNA94-W112	
	08/97			PNA97-W4	
7	05/95	599221	5249272	PNA95-W102	Outlet of high-grade ditch into Cobalt Lake
	08/97			PNA97-W5	
8	91-92	599215	5249294	Dumaresq (1993)	South end, Cobalt Lake
	05/95			PNA95-W101	
9	05/95			PNA95-W103	10 m offshore from high-grade drainage ditch, Cobalt Lake
10	91-92	599312	5249417	Dumaresq (1993)	North end of Cobalt Lake, ~50 m from baseball diamond
	07/94			PNA94-W10	
11	05/95	599635	5249870	PNA95-W104	North end, Cobalt Lake, 7 m from foot bridge (outlet to Mill Creek)
	08/97			PNA97-W7	
12	91-92	599735	5249805	Dumaresq (1993)	Ephemeral stream draining Nipissing low-grade tailings site
13	91-92	599744	5250014	Dumaresq (1993)	Mill Creek, Rite of Way Mine
	07/94			PNA94-W11	
14	91-92	599950	5250422	Dumaresq (1993)	Mill Creek, ~ 10 m upstream from LaRose outlet
	07/94			PNA94-W13	
	09/94			PNA94-W33	
15	91-92	599937	5250445	Dumaresq (1993)	LaRose outlet, 2-3 m above confluence with Mill Creek
	07/94			PNA94-W14	
	09/94			PNA94-W34	
	08/97			PNA97-W8	
16	91-92	599996	5250500	Dumaresq (1993)	Mill Creek, 20 m below confluence with LaRose outlet
	07/94			PNA94-W15	
	09/94			PNA94-W35	
	08/97			PNA97-W9	
17	91-92	600099	5250618	Dumaresq (1993)	Mill Creek and ONR tracks
	07/94			PNA94-W12	
18	91-92			Dumaresq (1993)	Sasaginaga Creek
19	91-92			Dumaresq (1993)	Sasaginaga Creek confluence with Mill Creek
20	91-92	600756	5250848	Dumaresq (1993)	Mill Creek, upstream from Highway 11B

Location of Water Samples by Site

A3-Location-Site No.

Sites based on stations established by Dumaresq (1993)

Site Number	Date	Eastings*	Northings*	Sample Number	
	07/94			PNA94-W16	
	05/95			PNA95-W113	
	08/97			PNA97-W10	
21	09/94	600957	5250756	PNA94-W32	Mill Creek, below dam downstream from Coleman garage
	08/97			PNA97-W11	
22	05/95	601025	5250734	PNA95-W110	Mill Creek, below large beaver dam
23	05/95	601219	5250628	PNA95-W111	Mill Creek, upstream from larger (beaver) pond
24	05/95	601341	5250688	PNA95-W105	Mill Creek, beaver dam
25	07/94	601385	5250660	PNA94-W7	Mill Creek, 5 m above confluence with Farr Creek (very turbid)
	08/97			PNA97-W12	
	05/95			PNA95-W108	
26	91-92	601539	5249735	Dumaresq (1993)	Farr Creek N of Crosswise Lake
27	07/94	601335	5250256	PNA94-W4	Farr Creek, 150 m from culvert
28	91-92	601313	5250473	Dumaresq (1993)	Farr Creek, downstream from culvert
	07/94			PNA94-W5	
	05/95			PNA95-W109	
	08/97			PNA97-W13	
28a	08/97			PNA97-W14	Farr Creek, second outlet along road to Deer Horn Mine (no bridge)
29	07/94	601435	5250605	PNA94-W6	Farr Creek, 3 m above confluence with Mill Creek
	05/95			PNA95-W107	
30	07/94	601427	5250633	PNA94-W8	Farr Creek, 50 m below confluence with Mill Creek
	05/95			PNA95-W106	
30a	08/97			PNA97-W15	Farr Creek, ~ 25 m below confluence with Mill Creek on east shore
31	07/94	601630	5251106	PNA94-W9	Farr Creek, ~1.5 km from road, ~ 1 km from power line
32	91-92	602092	5252120	Dumaresq (1993)	Farr Creek, control weir
	07/94			PNA94-W17	
33	91-92	602514	5252933	Dumaresq (1993)	Mill Creek (Farr Creek) Groom Road, North Cobalt near church (abundant algae, benthic organisms in stream)
	09/94			PNA94-W31	
34	09/94			PNA94-W29	Cobatek Mine, decant pond outflow (now Canmine Resources Corporation)
35	09/94	603081	5253082	PNA94-W30	Mill Creek, Highway 567, west shore
	05/95			PNA95-W114	
36	91-92			Dumaresq (1993)	Mouth of Farr Creek/Lake Timiskaming
	09/97			97-09-05	
37	09/94			PNA94-W20	Lake Timiskaming at Bucke Park, 7-8 m from well house overflow, about 30 m from outlet
GW1	91-92			Dumaresq (1993)	Well head of shaft, west of Sasaginaga Creek
	09/94			PNA94-W36	
GW2	91-92			Dumaresq (1993)	Bucke Park well
	07/94			PNA94-W3	
	09/94			PNA94-W19	

Location of Water Samples by Site

A3-Location-Site No.

Sites based on stations established by Dumaresq (1993)

Site Number	Date	Eastings*	Northings*	Sample Number	
GW3	09/94			PNA94-W18	Bucke Park, well house overflow (repeat sample)
GW4	09/94			PNA94-W28	Bucke Park, first trailer near well house
GW5	09/94			PNA94-W21	Bucke Park, trailer hook-up, across from office
GW6	09/94			PNA94-W22	Bucke Park, water from hose (office)

nd: not determined
* NAD 27

Numbers in brackets below indicate replicate measurements.

Sample Number	Temp (C)	pH	Orp (mV)*	Eh (mV)	Cond (uS/cm)	DO (ppm)	Temp (C) for DO	Site Number
PNA94-W1	27.8 (27.8)	8.8 (8.8)	+130 (+122)	326 318	542 (538)	7.0	28.6	6
PNA94-W2	23.8 (23.5)	9.0 (9.0)	+185 (+183)	385 383	230 (230)	8.5	24.5	NL
PNA94-W3	11.3 (10.5)	8.1 (8.2)	-72 (-75)	141 138	513 (514)	5.1	14.2	GW2
PNA94-W4	25.3 (25.3)	8.0 (8.0)	+151 (+146)	350 345	188 (188)	9.7	25.7	27
PNA94-W5	26.6 (26.6)	8.1 (8.1)	+142 (+131)	339 328	172 (174)	9.1	27.2	28
PNA94-W6	26.2 (26.2)	7.9 (7.9)	+165 (+160)	363 358	173 (175)	8.7	27.5	29
PNA94-W7	21.7 (21.6)	7.5 (7.5)	+187 (+176)	389 378	421 (425)	6.8	22.5	25
PNA94-W8	25.3 (25.3)	7.7 (7.7)	+200 (+189)	399 388	254 (256)	8.4	26.4	30
PNA94-W9	24.0 (24.1)	7.9 (7.9)	+202 (+192)	402 392	247 (247)	9.6	24.9	31
PNA94-W10	23.5 (23.3)	8.5 (8.5)	+173 (+171)	373 372	387 (382)	10.5	23.8	10
PNA94-W11	23.0 (23.0)	8.2 (8.2)	+189 (+185)	390 386	364 (365)	8.3	23.3	13
PNA94-W12	24.7 (24.7)	8.7 (8.8)	+154 (+142)	353 341	584 (586)	7.7	25.1	17
PNA94-W13*	23.6 (23.6) (23.6) (23.7) (23.9) (23.9) (23.8) (24.0) (24.0)	9.6 (9.5) (9.3) (9.2) (9.1) (9.0) (9.0) (8.8) (8.8)	+121 (+119) (+115) (+114) (+138) (+133) (+130) (+134) (+127)	321 319 315 314 338 333 330 334 327	494 (473) (461) (445) (435) (425) (422) (417) (405)	7.3	24.1	14
PNA94-W14	24.7 (24.7)	7.6 (7.7)	+182 (+179)	381 378	584 (583)	6.6	25.1	15
PNA94-W15	24.2 (24.1)	8.4 (8.4)	+167 (+162)	367 362	469 (466)	7.5	24.5	16
PNA94-W16	22.6 (22.6)	7.5 (7.5)	+191 (+182)	392 383	440 (439)	6.6 (6.7)	23.0 (22.9)	20
PNA94-W17	22.9 (22.8)	6.9 (6.9)	+243 (+237)	444 438	250 (250)	1.1	22.3	32
PNA94-W18	9.4	7.5	-61	154		nd		GW3
PNA94-W19	7.5	7.4	-71	145	463	nd		GW2

Numbers in brackets below indicate replicate measurements.

Sample Number	Temp (C)	pH	Orp (mV)*	Eh (mV)	Cond (uS/cm)	DO (ppm)	Temp (C) for DO	Site Number
PNA94-W20	17.2	7.6	+67	274	181	nd		37
PNA94-W21	12.2	7.2	-70	142	491	nd		GW5
PNA94-W22	14.8	7.1	-57	152	526	nd		GW6
PNA94-W23	15.3	7.4	+185	394	181	nd		1
PNA94-W24	15.9	8.1	+181	389	174	nd		3
PNA94-W25	17.3	8.1	+171	378	345	8.8	18.2	5
PNA94-W26	16.6	7.6	+171	378	176	5.6	17.5	4
PNA94-W27	17.7	8.5	+133	339	439	9.0	18.6	6
PNA94-W28	nd	nd	nd		nd	nd		GW4
PNA94-W29	9.8	7.8	+110	324	416	nd		34
PNA94-W30	17.5	7.9	+118	324	379	nd		35
PNA94-W31	18.2	8.3	+114	320	317	nd		33
PNA94-W32	16.5	7.4	+118	325	439	nd		21
PNA94-W33	21.5	8.6	+94	296	341	nd		14
	(21.4)	(8.5)	(+96)	298	(338)			
PNA94-W34	19.2	7.0	+207	412	573	nd		15
PNA94-W35	19.6	8.0	+148	352	454	nd		16
PNA94-W36	6.4	7.2	+252	470	290	nd		GW1
PNA95-W101	13.7	8.0	+140	350	354	nd		8
		(8.7)			(270)			
PNA95-W102	13.1	8.0	+159	370	332	nd		7
		(8.8)			(259)			
PNA95-W103	12.8	8.0	+143	354	349	nd		9
		(8.6)			(260)			
PNA95-W104	13.9	8.0	+125	335	372	nd		11
		(8.9)			(307)			
PNA95-W105	11.1	7.9	+208	421	297	12.0	10.8	24
		(8.6)			(220)			
PNA95-W106	12.6	7.7	+104	315	218	11.0	12.5	30
		(8.3)			(160)			
PNA95-W107	13.6	7.8	+133	343	192	10.8	13.1	29
		(8.1)			(149)			
PNA95-W108	12.2	8.1	+136	348	291	11.5	11.9	25
		(8.5)			(221)			
PNA95-W109	15.0	7.9	+173	382	169	11.4	15.0	28
		(8.2)			(136)			
PNA95-W110	14.7	8.1	+117	326	288	10.8	14.6	22
		(8.7)			(226)			
PNA95-W111	15.2	8.2	+94	303	290	10.3	15.1	23
		(8.7)			(231)			
PNA95-W112	18.5	8.1	+134	339	424	8.4	18.5	6
		(8.6)			(370)			
PNA95-W113	16.3	8.3	+159	367	293	11.8	16.1	20
		(10.5)			(122)			

Numbers in brackets below indicate replicate measurements.

Sample Number	Temp (C)	pH	Orp (mV)*	Eh (mV)	Cond (uS/cm)	DO (ppm)	Temp (C) for DO	Site Number
PNA95-W114	13.9	7.7 (8.5)	+148	358	216 (130)	11.4	13.6	35
PNA97-W1	18.1	6.2	nd		248	8.2		5
PNA97-W2	17.3	6.3	nd		166	3.8		3
PNA97-W3	23.9	7.6	nd		371	13.2		NL
PNA97-W4	20.5	7.8	nd		42	9.9		6
PNA97-W5	19.9	7.7	nd		332	8.9		7
PNA97-W6	22.6	8.0	nd		316	9.5		NL
PNA97-W7	19.0	7.3	nd		309	8.2		11
PNA97-W8	18.2	7.2	nd		314	7.9		15
PNA97-W9	17.6	7.2	nd		343	7.9		16
PNA97-W10	16.3	6.9	nd		322	6.5		20
PNA97-W11	16.4	6.8	nd		325	8.0		21
PNA97-W12	17.4	6.7	nd		312	7.6		25
PNA97-W13	18.8	6.8	nd		150	6.9		28
PNA97-W14	19.0	6.8	nd		150	6.4		28a
PNA97-W15	18.7	6.6	nd		219	7.4		30a
97-09-05	16.6	7.9	nd		243	9.0		36

Temperature, pH, Orp and electrical conductivity were determined using a Cole-Parmer Water Test meter
DO measurements made using a YSI-DO probe/meter
* Orp is measured relative to a Ag/AgCl electrode. Eh was calculated using correction formula (Eh = 199.81 - 1.01 x (t-25)+ Orp) by Bates (1973).

Arsenic in Water Samples from Cobalt, Ontario

A5-Arsenic

	Variable	As (Total)	As (III)	As (V)	As (Total)	Site No.
	Units	ppb	ppb	ppb	ppb	
	Detection Limits	0.2	0.2	0.2	1	
	Analytical Method	Hydride-AAS	Hydride-AAS	Hydride-AAS	ICPMS-120	
Dissolved Filtered/Acidified	PNA94-W1	20238	1470	18768	nd	6
	PNA94-W2	939	7	933	nd	NL
	PNA94-W3	9707	6033	3675	nd	GW2
	PNA94-W4	710	18	693	nd	27
	PNA94-W5	416	15	402	nd	28
	PNA94-W6	394	29	364	nd	29
	PNA94-W7	1815	14	1801	nd	25
	PNA94-W8	823	9	814	nd	30
	PNA94-W9	761	8	753	nd	31
	PNA94-W10	1056	10	1046	nd	10
	PNA94-W11	1460	133	1327	nd	13
	PNA94-W12	2137	137	2000	nd	17
	PNA94-W13	1106	130	977	nd	14
	PNA94-W14	3477	84	3393	nd	15
	PNA94-W15	2303	136	2167	nd	16
	PNA94-W16	1281	15	217	nd	20
	PNA94-W17	232	14	1284	nd	32
	PNA94-W18	9452	7268	2184	nd	GW3
	PNA94-W19	9694	7531	2162	nd	GW2
	PNA94-W20	30	7	24	nd	37
	PNA94-W21	9933	7117	2816	nd	GW5
	PNA94-W22	9168	5629	3539	nd	GW6
	PNA94-W23	11	6	5	nd	1
	PNA94-W24	51	3	49	nd	3
	PNA94-W25	877	8	869	nd	5
	PNA94-W26	93	4	89	nd	4
	PNA94-W27	17018	411	16607	nd	6
	PNA94-W28	8869	3874	4995	nd	GW4
	PNA94-W29	755	115	640	nd	34
	PNA94-W30	522	4	518	nd	35
	PNA94-W31	266	3	262	nd	33
	PNA94-W32	1120	22	1098	nd	21
	PNA94-W33	1147	12	1136	nd	14
	PNA94-W34	3005	21	2983	nd	15
	PNA94-W35	2074	29	2045	nd	16
	PNA94-W36	750	5	745	nd	GW1
	PNA95-W101	819	46	773	820	8
	PNA95-W102	7981	95	7886	8100	7
	PNA95-W103	602	29	573	610	9
	PNA95-W104	654	41	613	680	11
	PNA95-W105	571	34	537	560	24
	PNA95-W106	334	16	318	310	30

Variable	As (Total)	As (III)	As (V)	As (Total)	Site No.
Units	ppb	ppb	ppb	ppb	
Detection Limits	0.2	0.2	0.2	1	
Analytical Method	Hydride-AAS	Hydride-AAS	Hydride-AAS	ICPMS-120	
PNA95-W107	312	15	297	300	29
PNA95-W108	573	30	543	570	25
PNA95-W109	252	27	225	240	28
PNA95-W110	566	32	533	560	22
PNA95-W111	602	30	572	570	23
PNA95-W112	15800	266	15533	16000	6
PNA95-W113	606	43	562	570	20
PNA95-W114	397	9	388	370	35
PNA97-W1				520	5
PNA97-W2				65	3
PNA97-W3				6300	NL
PNA97-W4				20000	6
PNA97-W5				11000	7
PNA97-W6				8500	NL
PNA97-W7				940	11
PNA97-W8				1300	15
PNA97-W9				1800	16
PNA97-W10				970	20
PNA97-W11				980	21
PNA97-W12				970	25
PNA97-W13				420	28
PNA97-W14				400	28a
PNA97-W15				670	30a
97-09-05A				320	36
FIELD BLK				<1	
BLANK	0	0	0	0	

Arsenic determined by hydride generation-AAS on samples acidified to 0.4% in HCl for speciation.
nd=not determined

Cations in Water Samples from Cobalt, Ontario

A6-Cations-1997

Report No.	Variable	Si	Ti	Al	Fe	Mn	Mg	Ca	Na	K	Ag	As	B	Ba	Be	Bi
068-97	Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
	Determination Limits	10	1	0.5	3	0.2	2	5	20	20	0.2	1	16	0.5	1	0.2
	Analytical Method	ICPES-120	ICPES-120	ICPMS-120	ICPES-120	ICPMS-120	ICPES-120	ICPES-120	ICPES-120	ICPES-120	ICPMS-120	ICPMS-120	ICPES-120	ICPMS-120	ICPMS-120	ICPMS-120
Total	PNA97-W1	1700	<1	14	79	18	7000	38000	9700	640	<0.2	520	<16	6.1	<1	<0.2
Unfiltered/acidified	PNA97-W2	1400	<1	4.8	120	43	5000	30000	950	190	<0.2	65	<16	4.6	<1	<0.2
	PNA97-W3	4000	13	440*	560	190*	14000	62000	7700	2700	0.9	6300	41	16	<1	<0.2
	PNA97-W4	3100	<1	27	75	84	16000	72000	5800	2900	<0.2	20000	33	8.3	<1	0.3
	PNA97-W5	2400	<1	60	110	16	13000	58000	4700	1500	<0.2	11000	<16	7.0	<1	0.4
	PNA97-W6	4100	5	660*	1100	100	11000	57000	7100	2000	0.6	8500	41	11	<1	2.0
	PNA97-W7	1600	<1	11	32	12	8500	39000	19000	1000	<0.2	940	<16	9.1	<1	<0.2
	PNA97-W8	1600	1	140*	240	13	8600	40000	19000	1100	<0.2	1300	<16	9.1	<1	0.4
	PNA97-W9	1700	<1	46	100	40	9000	43000	20000	1200	<0.2	1800	35	9.2	<1	0.2
	PNA97-W10	2100	1	84	400	95	8100	42000	18000	1300	0.5	970	<16	13	<1	0.2
	PNA97-W11	2100	1	74	390	86	8300	43000	19000	1300	0.4	980	<16	13	<1	0.2
	PNA97-W12	2000	2	100	450	78	8000	41000	18000	1300	0.5	970	<16	9.7	<1	0.3
	PNA97-W13	2000	2	86	210	31	6000	25000	1100	470	<0.2	420	<16	5.0	<1	0.2
	PNA97-W14	1900	<1	38	160	28	6000	25000	1100	480	<0.2	400	<16	4.8	<1	<0.2
	PNA97-W15	2000	1	63	280	52	6800	32000	8300	820	<0.2	670	<16	6.7	<1	<0.2
	97-09-05A	2600	2	57	350	65	7400	35000	8500	360	<0.2	320	<16	6.7	<1	<0.2
	FIELD BLK	40	<1	<0.5	<3	<0.2	10	60	20	<20	<0.2	<1	<16	<0.5	<1	<0.2
Total Dissolved	PNA97-W1	1700	<1	2.4	17	3.1	6900	37000	9900	620	<0.2	500	<16	5.7	<1	<0.2
Filtered/acidified	PNA97-W2	1400	<1	5.2	39	29	5100	31000	1000	170	<0.2	57	<16	4.4	<1	<0.2
	PNA97-W3	3300	<1	19	31	180*	14000	62000	7900	2600	0.2	6300	32	14	<1	<0.2
	PNA97-W4	3000	<1	5.1	33	79	16000	71000	6000	3000	<0.2	20000	41	8.0	<1	<0.2
	PNA97-W5	2300	<1	6.0	13	8.9	12000	56000	6900	1400	<0.2	9000	19	6.2	<1	<0.2
	PNA97-W6	3300	<1	35.0	41	69	11000	56000	7300	2000	0.3	8200	52	9.8	<1	<0.2
	PNA97-W7	1500	<1	3.5	4.0	1.5	8500	39000	20000	1100	<0.2	950	<16	9.1	<1	<0.2
	PNA97-W8	1500	<1	8.2	14	3.0	8500	40000	19000	1100	<0.2	1300	21	9.3	<1	<0.2
	PNA97-W9	1700	<1	6.6	11	35	9200	44000	21000	1200	<0.2	1800	20	9.6	<1	<0.2
	PNA97-W10	2000	<1	6.3	30	85	8200	43000	19000	1300	<0.2	910	20	12	<1	<0.2
	PNA97-W11	2000	<1	6.9	39	75	8300	43000	20000	1300	<0.2	910	23	12	<1	<0.2
	PNA97-W12	1800	<1	17	37	61	8100	42000	19000	1300	<0.2	930	<16	8.8	<1	<0.2
	PNA97-W13	1900	<1	5.6	20	14	5900	25000	1100	450	<0.2	420	<16	5.0	<1	<0.2
	PNA97-W14	1900	<1	4.4	21	16	6000	26000	1100	480	<0.2	380	<16	4.8	<1	<0.2
	PNA97-W15	1900	1	6.0	25	39	6800	32000	8500	810	<0.2	640	<16	6.5	<1	<0.2
	97-09-05A	2400	<1	6.5	49	54	7300	34000	8600	380	<0.2	290	<16	6.4	<1	<0.2
	FIELD BLANK	50	<1	0.6	<3	0.5	10	80	60	40	<0.2	<1	<16	<0.5	<1	<0.2

* = analyzed by ICPES
nd= not determined

Cations in Water Samples from Cobalt, Ontario

A6-Cations-1997

Variable	Cd	Co	Cr	Cs	Cu	Ga	In	Li	Mo	Ni	Pb	Rb	Sb	Sc	Se	Sr
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Determination Limits	0.5	0.2	0.2	0.2	0.5	0.2	0.2	1	0.5	<0.5	0.2	0.2	0.2	1	2	1
Analytical Method	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPES-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPES-120	ICPMS-120	ICPES-120
PNA97-W1	<0.5	3.5	0.2	<0.2	3.9	<0.2	<0.2	<1	2.8	11	0.9	0.8	15	<1	<2	45
PNA97-W2	<0.5	2.2	0.2	<0.2	3.1	<0.2	<0.2	<1	<0.5	3.3	0.6	0.4	1.7	<1	<2	26
PNA97-W3	<0.5	<0.2	1.4	<0.2	18	0.2	<0.2	<1	26	60	1.3	1.3	540	<1	2	86
PNA97-W4	<0.5	<0.2	<0.2	<0.2	10	<0.2	<0.2	1	89	220*	0.2	1.2	2000	<1	<2	77
PNA97-W5	<0.5	<0.2	<0.2	<0.2	13	<0.2	<0.2	<1	49	150*	0.6	1.1	710	<1	<2	59
PNA97-W6	<0.5	<0.2	2.7	<0.2	27	0.3	<0.2	<1	39	110*	14.0	0.7	1000	<1	<2	73
PNA97-W7	<0.5	3.3	<0.2	<0.2	2.8	<0.2	<0.2	<1	5.0	13	0.4	1.3	26	<1	<2	59
PNA97-W8	<0.5	24	0.2	<0.2	6.4	<0.2	<0.2	<1	5.6	28	3.6	1.3	51	<1	<2	60
PNA97-W9	<0.5	330*	<0.2	<0.2	10	<0.2	<0.2	1	6.8	120*	1.9	1.1	59	<1	<2	65
PNA97-W10	<0.5	140*	<0.2	<0.2	8.3	<0.2	<0.2	1	4.0	62	3.8	1.6	28	<1	<2	60
PNA97-W11	<0.5	140*	<0.2	<0.2	8.1	<0.2	<0.2	<1	4.0	61	3.4	1.6	28	<1	<2	61
PNA97-W12	<0.5	98	0.6	<0.2	8.6	<0.2	<0.2	<1	4.0	57	3.9	1.7	28	<1	<2	60
PNA97-W13	<0.5	7.3	<0.2	<0.2	3.7	<0.2	<0.2	<1	0.8	5.9	2.0	1.4	2.9	<1	<2	34
PNA97-W14	<0.5	4.2	<0.2	<0.2	3.4	<0.2	<0.2	<1	0.9	5.1	1.2	1.4	2.7	<1	<2	34
PNA97-W15	<0.5	42	<0.2	<0.2	5.1	<0.2	<0.2	<1	2.1	25	2.2	1.6	13	<1	<2	45
97-09-05A	<0.5	5.5	<0.2	<0.2	2.1	<0.2	<0.2	<1	1.1	9.0	1.3	1.0	5.5	<1	<2	48
FIELD BLK	<0.5	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<1	<0.5	<0.5	<0.2	<0.2	<0.2	<1	<2	<1
PNA97-W1	<0.5	1.8	<0.2	<0.2	3.8	<0.2	<0.2	<1	2.7	9.8	0.4	0.8	15.0	<1	<2	42
PNA97-W2	<0.5	1.4	<0.2	<0.2	2.7	<0.2	<0.2	<1	<0.5	2.9	0.4	0.3	1.6	<1	<2	25
PNA97-W3	<0.5	<0.2	<0.2	<0.2	16	<0.2	<0.2	<1	27	49	0.3	0.8	560	<1	<2	82
PNA97-W4	<0.5	<0.2	<0.2	<0.2	10	<0.2	<0.2	<1	88	210*	0.4	1.2	2000	<1	<2	75
PNA97-W5	<0.5	<0.2	<0.2	<0.2	10	<0.2	<0.2	<1	43	110*	0.2	1.0	630	<1	<2	57
PNA97-W6	<0.5	100	0.4	<0.2	19	<0.2	<0.2	<1	38	73	1.1	0.5	970	<1	<2	70
PNA97-W7	<0.5	2.3	0.2	<0.2	2.8	<0.2	<0.2	<1	5.5	12	<0.2	1.3	27	<1	<2	57
PNA97-W8	<0.5	14	0.3	<0.2	4.3	<0.2	<0.2	<1	5.9	21	0.3	1.2	49	<1	<2	57
PNA97-W9	<0.5	<0.2	0.2	<0.2	8.0	<0.2	<0.2	<1	7.1	120*	0.3	1.2	60	<1	<2	64
PNA97-W10	<0.5	<0.2	0.2	<0.2	4.1	<0.2	<0.2	1	4.1	61	0.4	1.6	27	<1	<2	59
PNA97-W11	<0.5	<0.2	0.6	<0.2	8.9	<0.2	<0.2	<1	4.2	58	2.9	1.6	28	<1	<2	60
PNA97-W12	<0.5	88	0.2	<0.2	7.2	<0.2	<0.2	<1	3.9	53	1.4	1.7	29	<1	<2	59
PNA97-W13	<0.5	2.8	<0.2	<0.2	3.2	<0.2	<0.2	<1	0.9	5.0	0.2	1.3	2.9	<1	<2	33
PNA97-W14	<0.5	2.1	<0.2	<0.2	3.0	<0.2	<0.2	<1	0.8	4.7	<0.2	1.3	2.7	<1	<2	33
PNA97-W15	<0.5	37	<0.2	<0.2	4.4	<0.2	<0.2	<1	2.1	25	0.3	1.5	13	<1	<2	44
97-09-05A	<0.5	3.9	<0.2	<0.2	5.2	<0.2	<0.2	<1	1.1	8.7	0.4	0.9	5.6	<1	<2	47
FIELD BLANK	<0.5	1.1	<0.2	<0.2	<0.5	<0.2	<0.2	<1	<0.5	0.8	<0.2	<0.2	0.3	<1	<2	<1

* = analyzed by ICPES
nd= not determined

Variable	Tl	U	V	Zn
Units	ppb	ppb	ppb	ppb
Determination Limits	0.2	0.2	0.2	2
Analytical Method	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120
PNA97-W1	<0.2	0.3	0.5	3
PNA97-W2	<0.2	<0.2	0.4	3
PNA97-W3	<0.2	0.6	5.1	4
PNA97-W4	<0.2	0.3	1.8	4
PNA97-W5	<0.2	0.3	1.4	8
PNA97-W6	<0.2	1.1	8.5	12
PNA97-W7	<0.2	0.5	0.7	<2
PNA97-W8	<0.2	0.5	1.3	3
PNA97-W9	<0.2	0.6	1.1	46
PNA97-W10	<0.2	0.4	0.9	22
PNA97-W11	<0.2	0.4	0.8	18
PNA97-W12	<0.2	0.3	1.0	25
PNA97-W13	<0.2	0.2	0.7	<2
PNA97-W14	<0.2	0.2	0.5	<2
PNA97-W15	<0.2	0.2	0.7	4
97-09-05A	<0.2	<0.2	0.4	<2
FIELD BLK	<0.2	<0.2	<0.2	<2
PNA97-W1	<0.2	0.2	0.4	<0.2
PNA97-W2	<0.2	<0.2	0.3	<0.2
PNA97-W3	<0.2	0.6	4.5	<0.2
PNA97-W4	<0.2	0.3	1.6	<0.2
PNA97-W5	<0.2	0.3	1.0	3
PNA97-W6	<0.2	1.0	5.2	<0.2
PNA97-W7	<0.2	0.5	0.5	<0.2
PNA97-W8	<0.2	0.5	0.6	7
PNA97-W9	<0.2	0.6	0.7	38
PNA97-W10	<0.2	0.4	0.4	14
PNA97-W11	<0.2	0.4	0.4	13
PNA97-W12	<0.2	0.3	0.4	11
PNA97-W13	<0.2	0.2	0.2	<0.2
PNA97-W14	<0.2	<0.2	<0.2	<0.2
PNA97-W15	<0.2	0.2	0.2	3
97-09-05A	<0.2	<0.2	<0.2	2
FIELD BLANK	<0.2	<0.2	<0.2	<0.2

* = analyzed by ICPES
nd= not determined

Report No.	Variable	NO2	NO3	F	PO4	Br	SO4	Cl
068-97	Units	ppb	ppb	ppb	ppb	ppb	ppm	ppm
	Determination Limits	50	50	50	50	50	0.05	0.05
	Analytical Method	IC-110	IC-110	IC-110	IC-110	IC-110	IC-110	IC-110
Filtered/non-acidified	PNA97-W1	<50	82	<50	<50	<50	13.2	14.2
	PNA97-W2	<50	94	<50	<50	<50	9.56	0.56
	PNA97-W3	<50	1270	140	<50	<50	26.0	1.12
	PNA97-W4	<50	490	<50	<50	<50	40.5	13.6
	PNA97-W5	<50	<50	210	<50	<50	27.3	10.3
	PNA97-W6	<50	<50	270	<50	<50	28.6	1.19
	PNA97-W7	<50	<50	<50	<50	<50	17.1	30.4
	PNA97-W8	<50	<50	55	<50	<50	17.5	29.7
	PNA97-W9	<50	140	<50	<50	<50	28.9	29.2
	PNA97-W10	<50	3460	54	<50	<50	16.9	25.7
	PNA97-W11	<50	3300	62	<50	<50	16.8	27.0
	PNA97-W12	<50	2070	61	<50	<50	15.8	25.9
	PNA97-W14	<50	<50	<50	<50	<50	7.09	0.72
	PNA97-W13	<50	<50	<50	<50	<50	7.23	0.72
	PNA97-W15	<50	750	<50	<50	<50	10.7	10.6
	97-09-05A	<50	<50	<50	<50	<50	10.1	10.3
	97-09-05B	<50	120	<50	<50	<50	10.2	10.7
	68-97-53	<50	<50	<50	<50	<50	7.30	0.70
	FIELD BLANK	<50	<50	<50	<50	<50	<0.05	<0.05

Cations in Water Samples from Cobalt, Ontario

A8-Cations-1995

Report No.	Variable	Si	Ti	Al	Fe	Mn	Mg	Ca	Na	K	Ag	As	B	Ba	Be	Bi
022-95	Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
	Determination Limits	3.3	1	0.5	3	0.2	2	5	20	20	0.2	1	16	0.5	1	0.2
	Analytical Method	ICPES-120	ICPES-120	ICPMS-120	ICPES-120	ICPMS-120	ICPES-120	ICPES-120	ICPES-120	ICPES-120	ICPMS-120	ICPMS-120	ICPES-120	ICPMS-120	ICPMS-120	ICPMS-120
Total Dissolved	PNA95-W101	1700	<1	8.4	14	7.6	8700	47000	13000	1000	<0.2	820	<16	6.4	<1	<0.2
Filtered/acidified	PNA95-W102	2200	<1	9.9	19	12	12000	52000	2900	1200	<0.2	8100	<16	4.2	<1	<0.2
	PNA95-W103	1700	<1	4.6	8	6.5	8700	47000	14000	1000	<0.2	610	<16	6.4	<1	<0.2
	PNA95-W104	1500	<1	2.9	9	3.4	9200	49000	17000	1200	<0.2	680	<16	7.2	<1	<0.2
	PNA95-W105	830	<1	13	57	31	7700	37000	12000	940	<0.2	560	<16	6.0	<1	<0.2
	PNA95-W106	1100	<1	10	41	16	6600	29000	5600	660	<0.2	310	<16	5.2	<1	<0.2
	PNA95-W107	1100	<1	11	31	11	6400	27000	3800	650	<0.2	300	<16	4.8	<1	<0.2
	PNA95-W108	830	<1	13	49	28	7700	37000	12000	930	<0.2	570	<16	5.8	<1	<0.2
	PNA95-W109	1300	<1	12	29	5.9	6300	25000	1200	560	<0.2	240	<16	4.9	<1	<0.2
	PNA95-W110	820	<1	16	62	24	7500	36000	12000	930	<0.2	560	<16	5.9	<1	<0.2
	PNA95-W111	820	<1	15	52	23	7500	36000	12000	920	<0.2	570	<16	5.7	<1	<0.2
	PNA95-W112	2600	<1	11	140	20	14000	64000	5600	1900	<0.2	16000	30	4.8	<1	<0.2
	PNA95-W113	860	<1	9.6	88	20	7600	37000	13000	980	<0.2	570	<16	5.4	<1	<0.2
	PNA95-W114	380	<1	6.1	95	19	6800	30000	5200	640	<0.2	370	<16	5.5	<1	<0.2
Overlying water	PNA95-C1	2000	<1	5.1	15	120	8800	48000	14000	1100	<0.2	560	<16	8.8	<1	<0.2
	PNA95-C2	2000	<1	5.6	15	130	8600	47000	14000	1100	<0.2	720	<16	10	<1	<0.2
	PNA95-C3	2200	<1	6.3	11	360*	8900	48000	14000	1300	<0.2	1400	<16	12	<1	<0.2
	PNA95-C4	1800	<1	6.1	36	96	9600	50000	12000	1100	<0.2	5100	<16	7.8	<1	<0.2
	PNA95-C5	2000	<1	10	24	79	9200	48000	13000	1100	<0.2	1400	<16	15	<1	<0.2
	PNA95-C6	2700	<1	4.4	16	360*	10000	54000	21000	1400	<0.2	3900	<16	12	<1	<0.2
	PNA95-C7	3100	<1	6.8	13	460*	12000	68000	46000	2000	<0.2	680	16	20	<1	<0.2
	PNA95-C8	1900	<1	19	10	68	9600	48000	19000	1600	<0.2	1600	<16	13	<1	<0.2
	PNA95-C9	1400	<1	16	19	29	10000	53000	23000	1500	<0.2	830	<16	8.6	<1	<0.2
	PNA95-C10	1700	<1	11	38	63	9400	49000	18000	1300	<0.2	630	<16	10	<1	<0.2
	PNA95-C11	1600	<1	8.7	13	35	9400	49000	18000	1300	<0.2	720	16	8.2	<1	<0.2
	PNA95-C12	800	<1	20	87	35	7900	38000	13000	1100	<0.2	610	<16	6.5	<1	<0.2
	PNA95-C13	1300	<1	16	78	75	6400	28000	5200	790	<0.2	490	<16	11	<1	<0.2
	PNA95-C14	1300	<1	14	47	21	6000	25000	1200	630	<0.2	250	<16	7.9	<1	<0.2
	PNA95-C15	990	<1	20	47	35	8000	38000	13000	1200	<0.2	570	16	9.6	<1	<0.2
	BLANK	<3.3	<1	1.7	54	2.5	<2	<5	<20	82	<0.2	<1	<16	<0.5	<1	<0.2
Report No.	SASK SHAFT (GW1)	3600	1	5.2	71	46	12000	68000	9800	1500	<0.2	700*	<16	6.7	<1	<0.2
104-95	BUCKE PK. WC	2100	8	290*	320	9.6	2200	8000	11000	780	<0.2	50	<16	8.7	<1	<0.2
	BUCKE PK. WELL (GW2)	5200	<1	6.5	77	200*	34000	80000	15000	3300	<0.2	9800*	59	17	<1	<0.2

* = analyzed by ICPES
nd= not determined

Cations in Water Samples from Cobalt, Ontario

A8-Cations-1995

Variable	Cd	Co	Cr	Cs	Cu	Ga	Hg	In	Li	Mo	Ni	Pb	Rb	Sb	Sc	Se
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Determination Limits	0.5	0.2	0.2	0.2	0.5	0.2	0.2	0.2	1	0.5	1	0.2	0.2	0.2	0.4	2
Analytical Method	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPES-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPES-120	ICPMS-120
PNA95-W101	<0.5	29	3.4	<0.2	10	<0.2	<0.2	<0.2	1	8.0	28	0.5	1.1	27	0.4	<2
PNA95-W102	<0.5	370*	3.1	<0.2	21	<0.2	<0.2	<0.2	1	34	210	0.3	0.6	760	0.5	<2
PNA95-W103	<0.5	23	3.3	<0.2	5.1	<0.2	<0.2	<0.2	<1	4.3	25	0.2	1.1	24	<0.4	<2
PNA95-W104	<0.5	14	3.2	<0.2	4.2	<0.2	<0.2	<0.2	1	4.9	23	<0.2	1.2	23	0.4	<2
PNA95-W105	<0.5	88	12	<0.2	7.0	<0.2	<0.2	<0.2	<1	4.9	83	1.2	0.9	23	0.5	<2
PNA95-W106	<0.5	40	6.0	<0.2	4.9	<0.2	<0.2	<0.2	1	2.5	41	0.6	0.9	11	0.4	<2
PNA95-W107	<0.5	25	6.3	<0.2	4.5	<0.2	<0.2	<0.2	1	2.3	36	0.4	1.1	8.4	0.4	<2
PNA95-W108	<0.5	90	6.2	<0.2	7.2	<0.2	<0.2	<0.2	1	3.9	64	1.0	0.9	23	<0.4	<2
PNA95-W109	<0.5	6.4	6.6	<0.2	3.5	<0.2	<0.2	<0.2	1	1.8	27	0.3	1.3	3.5	0.4	<2
PNA95-W110	<0.5	84	7.8	<0.2	7.5	<0.2	<0.2	<0.2	1	4.2	63	1.4	0.9	24	0.4	<2
PNA95-W111	<0.5	88	4.6	<0.2	7.8	<0.2	<0.2	<0.2	1	3.8	57	1.3	0.9	24	0.5	<2
PNA95-W112	<0.5	440*	38	<0.2	20	<0.2	<0.2	<0.2	1	72	390*	1.0	0.6	1800	0.4	<2
PNA95-W113	<0.5	90	17	<0.2	7.5	<0.2	<0.2	<0.2	1	6.1	76	2.0	0.9	25	0.4	<2
PNA95-W114	<0.5	33	20	<0.2	4.5	<0.2	<0.2	<0.2	1	4.0	53	0.4	1.0	9.4	0.7	<2
PNA95-C1	<0.5	26	2.4	<0.2	8.4	<0.2	<0.2	<0.2	1	4.6	32	3.2	1.1	21	<0.4	<2
PNA95-C2	<0.5	40	2.1	<0.2	3.0	<0.2	<0.2	<0.2	1	6.6	35	7.9	1.2	29	0.4	2
PNA95-C3	<0.5	44	2.2	<0.2	2.5	<0.2	<0.2	<0.2	<1	5.7	39	1.6	1.2	32	0.4	<2
PNA95-C4	<0.5	230*	3.6	<0.2	5.3	<0.2	<0.2	<0.2	1	10	100	2.9	1.0	62	<0.4	<2
PNA95-C5	<0.5	97	1.9	<0.2	4.1	<0.2	<0.2	<0.2	<1	7.9	54	2.6	1.0	67	<0.4	<2
PNA95-C6	<0.5	90	2.6	<0.2	3.5	<0.2	<0.2	<0.2	<1	21	52	1.3	1.5	46	0.4	<2
PNA95-C7	<0.5	84	1.3	<0.2	2.5	<0.2	<0.2	<0.2	2	6.9	38	1.0	1.3	54	<0.4	<2
PNA95-C8	<0.5	17	1.1	<0.2	1.6	<0.2	<0.2	<0.2	1	11	57	0.8	1.6	76	0.4	<2
PNA95-C9	<0.5	24	3.0	<0.2	2.2	<0.2	<0.2	<0.2	1	8.1	32	1.2	1.3	83	0.4	<2
PNA95-C10	<0.5	26	4.9	<0.2	5.7	<0.2	<0.2	<0.2	1	6.0	35	1.8	1.3	34	0.4	<2
PNA95-C11	<0.5	19	2.4	<0.2	3.2	<0.2	<0.2	<0.2	1	5.1	29	2.1	1.4	31	0.5	<2
PNA95-C12	<0.5	69	25	<0.2	9.2	<0.2	<0.2	<0.2	1	6.2	130	9.2	1.1	27	0.4	4
PNA95-C13	0.6	65	7.4	<0.2	7.9	<0.2	<0.2	<0.2	1	2.5	54	11.0	1.5	16	0.6	<2
PNA95-C14	1.1	14	8.9	<0.2	11	<0.2	<0.2	<0.2	1	1.6	34	27.0	1.6	4.3	0.4	<2
PNA95-C15	<0.5	90	12	<0.2	9.3	<0.2	<0.2	<0.2	1	5.0	86	24.0	1.4	35	0.5	<2
BLANK	<0.5	<0.2	17	<0.2	<0.5	<0.2	<0.2	<0.2	<1	2.2	30	<0.2	<0.2	<0.2	0.6	<2
SASK SHAFT (GW1)	<0.5	200*	19	<0.2	12	<0.2	nd	<0.2	1	11.0	130	0.3	1.3	43	<0.4	<2
BUCKE PK. WC	<0.5	2.2	20	<0.2	13	<0.2	nd	<0.2	1	3.4	36	3.1	1.9	<0.2	<0.4	<2
BUCKE PK. WELL (GW2)	<0.5	1600*	17	<0.2	0.8	<0.2	nd	<0.2	10	63	470*	<0.2	2.7	2.3	<0.4	<2

* = analyzed by ICPES
nd= not determined

Variable	Sr	Tl	U	V	Zn
Units	ppb	ppb	ppb	ppb	ppb
Determination Limits	0.1	0.2	0.2	0.2	2
Analytical Method	ICPES-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120
PNA95-W101	55	<0.2	0.5	0.3	6.5
PNA95-W102	49	<0.2	0.2	1.0	13
PNA95-W103	55	<0.2	0.4	0.3	7.2
PNA95-W104	62	<0.2	0.5	0.4	3.6
PNA95-W105	51	<0.2	0.3	0.4	13
PNA95-W106	42	<0.2	0.2	0.3	7.0
PNA95-W107	37	<0.2	0.2	0.3	4.7
PNA95-W108	50	<0.2	0.3	0.4	9.6
PNA95-W109	33	<0.2	<0.2	0.3	3.9
PNA95-W110	49	<0.2	0.4	0.4	7.9
PNA95-W111	49	<0.2	0.4	0.4	8.3
PNA95-W112	68	<0.2	0.3	2.0	10
PNA95-W113	50	<0.2	0.4	0.4	8.0
PNA95-W114	43	<0.2	<0.2	0.4	6.3
PNA95-C1	56	<0.2	0.4	0.3	5.4
PNA95-C2	55	<0.2	0.6	0.4	7.6
PNA95-C3	57	<0.2	0.6	0.6	5.6
PNA95-C4	61	<0.2	0.4	0.3	8.9
PNA95-C5	57	<0.2	0.4	0.3	7.3
PNA95-C6	73	<0.2	0.9	0.4	7.8
PNA95-C7	100	<0.2	1.3	0.8	10
PNA95-C8	72	<0.2	1.0	1.5	<2
PNA95-C9	70	<0.2	0.8	0.9	2.3
PNA95-C10	62	<0.2	0.6	0.7	4.5
PNA95-C11	63	<0.2	0.6	0.5	4.4
PNA95-C12	51	<0.2	0.3	0.5	10
PNA95-C13	37	<0.2	0.2	0.6	14
PNA95-C14	34	<0.2	<0.2	0.3	18
PNA95-C15	54	<0.2	0.4	0.5	21
BLANK	<0.1	<0.2	<0.2	<0.2	2.2
SASK SHAFT (GW1)	92	<0.2	2.1	0.5	54
BUCKE PK. WC	30	<0.2	<0.2	0.8	60
BUCKE PK. WELL (GW2)	820	<0.2	9.1	<0.2	4.0

* = analyzed by ICPES
nd= not determined

Report No.	Variable	NO2	NO3	F	PO4	Br	SO4	Cl
022-95	Units	ppb	ppb	ppb	ppb	ppb	ppm	ppm
	Determination Limits	50	50	50	50	50	50	50
	Analytical Method	IC-110	IC-110	IC-110	IC-110	IC-110	IC-110	IC-110
Filtered/non-acidified	PNA95-W101	<50	<50	200	<50	<50	18.4	<0.05
	PNA95-W102	<50	<50	<50	<50	<50	26.2	6.23
	PNA95-W103	<50	<50	<50	<50	<50	17.4	<0.05
	PNA95-W104	<50	<50	<50	160	<50	18.4	24.9
	PNA95-W105	<50	<50	<50	<50	<50	16.0	17.5
	PNA95-W106	<50	<50	<50	<50	<50	11.8	7.50
	PNA95-W107	<50	<50	<50	<50	<50	10.9	5.03
	PNA95-W108	<50	<50	<50	<50	<50	16.5	17.3
	PNA95-W109	<50	<50	<50	<50	<50	9.93	0.83
	PNA95-W110	<50	<50	210	<50	<50	16.2	17.1
	PNA95-W111	<50	<50	<50	<50	<50	16.7	17.4
	PNA95-W112	<50	95	<50	170	<50	31.9	12.5
	PNA95-W113	<50	<50	<50	<50	<50	17.3	17.5
	PNA95-W114	<50	<50	<50	<50	<50	11.0	7.15
	FIELD BLANK	<50	<50	<50	<50	<50	<0.05	<0.05
Report No.	SASK SHAFT (GW1)	<50	930	<50	<50	<50	29.6	17.1
104-95	BUCKE PK. WC	<50	<50	52	<50	800	8.00	13.5
Filtered/non-acidified	BUCKE PK. WELL (GW2)	<50	<50	260	<50	<50	25.8	8.69

Cations in Water Samples from Cobalt, Ontario

A10-Cations-1994

Report No.	Variable	Si	Ti	Al	Fe	Mn	Mg	Ca	Na	K	Ag	As	B	Ba	Be
041-94	Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
	Determination Limits	3.3	1	0.5	3	0.5	2	5	20	20	0.5	2	16	5	5
	Analytical Method	ICPES-120	ICPES-120	ICPMS-120	ICPES-120	ICPMS-120	ICPES-120	ICPES-120	ICPES-120	ICPES-120	ICPMS-120	ICPMS-120	ICPES-120	ICPMS-120	ICPMS-120
Total Dissolved Filtered/acidified	PNA94-W1	4300	<1	10	33	52	17000	78000	7700	2700	<0.5	18000	36	6.4	<5
	PNA94-W2	1300	<1	3.1	<3	1.5	9400	31000	2600	1300	<0.5	550	<16	5.8	<5
	PNA94-W3	5000	<1	9.1	68	180	35000	80000	15000	3400	<0.5	9400	61	17	<5
	PNA94-W4	1600	<1	6.6	23	13	7100	29000	1400	570	<0.5	510	<16	6.3	<5
	PNA94-W5	1400	<1	6.6	26	8.6	6100	25000	980	450	<0.5	340	<16	<5	<5
	PNA94-W6	1400	<1	12	58	14	6100	26000	990	450	<0.5	360	<16	5.0	<5
	PNA94-W7	3300	<1	9.3	56	140	10000	53000	25000	2000	<0.5	1700	19	11	<5
	PNA94-W8	2000	<1	17	79	52	7400	33000	8000	880	<0.5	750	<16	7.9	<5
	PNA94-W9	1800	<1	6.7	36	10	7400	34000	7800	920	<0.5	730	<16	5.8	<5
	PNA94-W10	1500	<1	6.2	<3	0.7	9900	45000	22000	1300	<0.5	990	<16	7.7	<5
	PNA94-W11	1600	<1	14	19	15	9500	46000	19000	1300	<0.5	1300	<16	8.0	<5
	PNA94-W12	3400	<1	52	8	53	9200	62000	35000	13000	<0.5	2200	35	18	<5
	PNA94-W13	4100	<1	68	9	0.6	7300	43000	27000	16000	<0.5	1000	<16	19	<5
	PNA94-W14	2500	<1	7.0	24	180	13000	62000	40000	2000	<0.5	4200	73	11	<5
	PNA94-W15	3000	<1	37	16	60	10000	48000	29000	7000	<0.5	2300	31	15	<5
	PNA94-W16	3100	<1	12	38	140	10000	51000	25000	3100	<0.5	1200	18	11	<5
	PNA94-W17	4800	<1	5.4	45	150	8300	37000	7200	180	<0.5	260	<16	8.6	<5
Report No. 054-94	Variable	Si	Ti	Al	Fe	Mn	Mg	Ca	Na	K	Ag	As	B	Ba	Be
	Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
	Determination Limits (ppb)	3.3	1	0.5	3	0.5	2	5	20	20	0.5	2	16	0.5	1
	Analytical Method	ICPES-120	ICPES-120	ICPMS-120	ICPES-120	ICPMS-120	ICPES-120	ICPES-120	ICPES-120	ICPES-120	ICPMS-120	ICPMS-120	ICPES-120	ICPMS-120	ICPMS-120
	PNA94-W18	5000	<1	1.2	150	200*	35000	81000	16000	3400	<0.5	11000	61	19	<1
	PNA94-W19	5000	<1	2.3	300	200*	36000	82000	16000	3500	<0.5	13000	64	22	<1
	PNA94-W20	2000	6	270*	280	8.0	2000	6700	1400	720	<0.5	26	<16	12	<1
	PNA94 -W21	5100	<1	<0.5	250	200*	36000	82000	16000	3400	<0.5	12000	63	18	<1
	PNA94-W22	5000	<1	<0.5	65	190	35000	81000	16000	3700	<0.5	11000	65	19	<1
	PNA94-W23	3400	<1	1.3	110	22	6300	38000	800	770	<0.5	24	<16	3.0	<1
	PNA94-W24	1200	<1	9.2	17	1.1	6000	35000	820	470	<0.5	59	<16	4.9	<1
	PNA94-W25	1900	<1	2.3	3	3.9	9900	50000	20000	1200	<0.5	970	<16	8.8	<1
	PNA94-W26	920	<1	1.1	35	24	6100	36000	880	520	<0.5	110	<16	5.1	<1
	PNA94-W27	3800	<1	63	110	58	18000	80000	8000	2800	<0.5	20000	29	6.5	<1
	PNA94-W28	5100	<1	<0.5	68	170	36000	82000	16000	3400	<0.5	11000	62	18	<1
	PNA94-W29	4400	<1	6.9	97	62	25000	67000	23000	2300	<0.5	830	110	30	<1
	PNA94-W30	1900	<1	27	81	69	13000	51000	19000	1300	<0.5	570	22	12	<1
	PNA94-W31	1300	<1	0.6	25	4.8	9400	44000	17000	560	<0.5	300	<16	7.9	<1
	PNA94-W32	2600	<1	7.3	51	160	11000	54000	36000	2700	<0.5	1400	23	13	<1
	PNA94 -W33	1100	<1	11	9	4.4	9500	43000	19000	1300	<0.5	1600	<16	13	<1
	PNA94-W34	2800	<1	4.4	14	270*	12000	60000	56000	2000	1.3	4100	49	14	<1
	PNA94-W35	1900	<1	22	41	120	11000	51000	36000	1600	<0.5	2400	30	13	<1
	PNA94-W36	3500	<1	0.8	23	39	13000	71000	9400	1500	<0.5	860	<16	7.6	<1
* = analyzed by ICPES															
nd= not determined															

Cations in Water Samples from Cobalt, Ontario

A10-Cations-1994

Variable	Bi	Cd	Co	Cr	Cs	Cu	Ga	Hg	In	Li	Mo	Ni	Pb	Rb	Sb	Sc
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Determination Limits	0.5	1	0.2	0.2	0.2	0.5	0.2	0.2	0.2	1	2	1	1	0.5	0.5	1
Analytical Method	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPES-120	ICPMS-120	ICPES-120	ICPMS-120	ICPES-120	ICPES-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPES-120	ICPMS-120	ICPES-120
PNA94-W1	<0.5	<1	410*	0.6	<0.2	29	<0.2	nd	<0.2	2	83	330*	<1	1.3	1000	<1
PNA94-W2	<0.5	<1	1.6	0.6	<0.2	2.6	<0.2	nd	<0.2	2	2.6	4.9	<1	3.2	7.5	<1
PNA94-W3	<0.5	<1	1700*	0.8	<0.2	<0.5	<0.2	nd	<0.2	10	56	440*	<1	2.8	2.8	<1
PNA94-W4	<0.5	<1	5.9	1.0	<0.2	3.3	<0.2	nd	<0.2	2	<2	5.4	<1	1.5	1.8	<1
PNA94-W5	<0.5	<1	3.4	0.8	<0.2	2.8	<0.2	nd	<0.2	1	<2	3.8	<1	1.4	1.6	<1
PNA94-W6	<0.5	<1	4.0	1.8	<0.2	3.3	<0.2	nd	<0.2	1	<2	5.2	<1	1.5	1.9	<1
PNA94-W7	<0.5	<1	110	1.6	<0.2	6.0	<0.2	nd	<0.2	3	6.4	68	<1	3.1	51	<1
PNA94-W8	<0.5	<1	35	1.3	<0.2	4.5	<0.2	nd	<0.2	2	2.1	23	<1	1.9	17	<1
PNA94-W9	<0.5	<1	17	1.2	<0.2	3.7	<0.2	nd	<0.2	2	2.8	21	<1	1.8	15	<1
PNA94-W10	<0.5	<1	3.0	1.2	<0.2	2.2	<0.2	nd	<0.2	2	4.6	12	<1	1.7	23	<1
PNA94-W11	<0.5	<1	23	1.0	<0.2	4.9	<0.2	nd	<0.2	2	4.3	26	<1	1.8	31	<1
PNA94-W12	<0.5	<1	380*	43	<0.2	70	<0.2	nd	<0.2	6	21	160	<1	39	62	<1
PNA94-W13	<0.5	<1	19	49	0.9	26	<0.2	nd	<0.2	7	17	29	<1	60	49	<1
PNA94-W14	<0.5	<1	1300*	1.1	<0.2	76	<0.2	nd	<0.2	5	11	440*	<1	1.2	86	<1
PNA94-W15	<0.5	<1	460*	18	<0.2	44	<0.2	nd	<0.2	5	11	160	<1	23	61	<1
PNA94-W16	<0.5	<1	140	2.5	<0.2	8.4	<0.2	nd	<0.2	3	5.4	73	<1	5.9	27	<1
PNA94-W17	<0.5	<1	14	1.0	<0.2	20	<0.2	nd	<0.2	2	<2	9.2	<1	0.6	1.1	<1
Variable	Bi	Cd	Co	Cr	Cs	Cu	Ga	Hg	In	Li	Mo	Ni	Pb	Rb	Sb	Sc
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Determination Limits (ppb)	0.2	0.5	0.2	0.2	0.2	0.5	0.2	0.2	0.2	1	0.5	1	0.2	0.2	0.2	1
Analytical Method	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPES-120	ICPMS-120	ICPES-120	ICPMS-120	ICPES-120	ICPES-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPES-120	ICPMS-120	ICPES-120
PNA94-W18	<0.2	<0.5	1700*	<0.2	<0.2	1.2	<0.2	<0.2	<0.2	10	70	440*	4.9	3.0	3.1	<1
PNA94-W19	<0.2	<0.5	1800*	<0.2	<0.2	0.9	<0.2	<0.2	<0.2	11	77	450*	0.4	3.4	3.1	<1
PNA94-W20	<0.2	<0.5	4.0	1.0	<0.2	7.4	<0.2	<0.2	<0.2	2	1.1	3.5	0.5	2.1	<0.2	<1
PNA94 -W21	<0.2	<0.5	1800*	<0.2	<0.2	0.5	<0.2	<0.2	<0.2	11	69	450*	<0.2	3.0	2.7	<1
PNA94-W22	<0.2	<0.5	1700*	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	11	68	440*	<0.2	3.1	2.2	<1
PNA94-W23	<0.2	<0.5	1.0	<0.2	<0.2	4.1	<0.2	<0.2	<0.2	2	<0.5	2.6	<0.2	2.0	0.2	<1
PNA94-W24	<0.2	<0.5	0.5	<0.2	<0.2	1.8	<0.2	<0.2	<0.2	1	<0.5	2.6	<0.2	1.0	2.1	<1
PNA94-W25	<0.2	<0.5	3.6	<0.2	<0.2	68	<0.2	<0.2	<0.2	2	5.4	19	2.6	1.5	23	<1
PNA94-W26	<0.2	<0.5	2.1	<0.2	<0.2	3.7	<0.2	<0.2	<0.2	1	<0.5	5.3	0.3	1.0	2.7	<1
PNA94-W27	0.6	<0.5	450*	0.4	<0.2	20	<0.2	<0.2	<0.2	2	89	340*	0.7	1.0	1100	<1
PNA94-W28	<0.2	<0.5	1700*	<0.2	<0.2	2.4	<0.2	<0.2	<0.2	11	63	440*	<0.2	2.7	3.7	<1
PNA94-W29	<0.2	<0.5	83	<0.2	<0.2	3.7	<0.2	<0.2	<0.2	12	28	34	0.6	2.5	26	<1
PNA94-W30	<0.2	<0.5	19	0.2	<0.2	3.2	<0.2	<0.2	<0.2	2	6.1	10	0.6	2.2	8.1	<1
PNA94-W31	<0.2	<0.5	24	1.1	<0.2	1.9	<0.2	<0.2	<0.2	1	1.9	11	0.2	1.6	9.9	<1
PNA94-W32	<0.2	<0.5	220*	<0.2	<0.2	27	<0.2	<0.2	<0.2	2	4.8	110	0.5	2.7	26	<1
PNA94 -W33	<0.2	<0.5	20	<0.2	<0.2	5.8	<0.2	<0.2	<0.2	2	5.9	26	0.3	2.1	37	<1
PNA94-W34	<0.2	<0.5	1500*	<0.2	<0.2	520*	<0.2	<0.2	<0.2	4	13	660*	0.5	1.5	84	<1
PNA94-W35	<0.2	<0.5	680*	<0.2	<0.2	220*	<0.2	<0.2	<0.2	2	8.2	300*	0.8	1.4	54	<1
PNA94-W36	<0.2	<0.5	140	<0.2	<0.2	18	<0.2	<0.2	<0.2	2	8.8	100	0.4	1.4	51	<1

Cations in Water Samples from Cobalt, Ontario

A10-Cations-1994

Variable	Se	Sr	Tl	U	V	Zn
Units	ppb	ppb	ppb	ppb	ppb	ppb
Determination Limits	2	1	0.5	0.5	0.5	5
Analytical Method	ICPMS-120	ICPES-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120
PNA94-W1	nd	85	<0.5	<0.5	1.5	<5
PNA94-W2	nd	42	<0.5	<0.5	<0.5	<5
PNA94-W3	nd	860	<0.5	8.2	<0.5	<5
PNA94-W4	nd	41	<0.5	<0.5	<0.5	<5
PNA94-W5	nd	35	<0.5	<0.5	<0.5	<5
PNA94-W6	nd	36	<0.5	<0.5	<0.5	<5
PNA94-W7	nd	82	<0.5	<0.5	0.5	<5
PNA94-W8	nd	49	<0.5	<0.5	<0.5	<5
PNA94-W9	nd	49	<0.5	<0.5	<0.5	<5
PNA94-W10	nd	67	<0.5	<0.5	<0.5	<5
PNA94-W11	nd	66	<0.5	0.5	0.6	<5
PNA94-W12	nd	170	<0.5	0.5	2.8	<5
PNA94-W13	nd	170	<0.5	<0.5	3.3	<5
PNA94-W14	nd	95	<0.5	0.8	1.1	36
PNA94-W15	nd	120	<0.5	0.7	1.7	<5
PNA94-W16	nd	81	<0.5	<0.5	<0.5	<5
PNA94-W17	nd	55	<0.5	<0.5	<0.5	<5

Variable	Se	Sr	Tl	U	V	Zn
Units	ppb	ppb	ppb	ppb	ppb	ppb
Determination Limits (ppb)	2	1	0.2	0.2	0.2	2
Analytical Method	ICPMS-120	ICPES-120	ICPMS-120	ICPMS-120	ICPMS-120	ICPMS-120
PNA94-W18	<2	880	<0.2	9.8	<0.2	4.6
PNA94-W19	<2	880	<0.2	11	<0.2	7.0
PNA94-W20	<2	30	<0.2	<0.2	0.8	3.5
PNA94 -W21	<2	890	<0.2	10	<0.2	28
PNA94-W22	<2	910	<0.2	10	<0.2	11
PNA94-W23	<2	34	<0.2	<0.2	<0.2	2.6
PNA94-W24	<2	30	<0.2	<0.2	0.5	<2
PNA94-W25	<2	67	<0.2	0.6	0.5	34
PNA94-W26	<2	31	<0.2	<0.2	0.3	4.9
PNA94-W27	<2	83	<0.2	0.5	1.3	4.5
PNA94-W28	<2	880	<0.2	9.7	<0.2	16
PNA94-W29	<2	1100	<0.2	22	3.2	16
PNA94-W30	<2	210	<0.2	2.9	0.7	2.9
PNA94-W31	<2	65	<0.2	<0.2	0.2	<2
PNA94-W32	<2	81	<0.2	0.5	0.6	8.0
PNA94 -W33	<2	66	<0.2	0.6	0.9	<2
PNA94-W34	<2	90	<0.2	1.2	1.3	58
PNA94-W35	<2	76	<0.2	0.8	1.1	26
PNA94-W36	<2	100	<0.2	2.2	0.5	57

Report No.	Variable	NO2	NO3	F	PO4	Br	SO4	Cl
041-94	Units	ppb	ppb	ppb	ppb	ppb	ppm	ppm
	Determination Limits	50	50	50	50	50	0.05	0.05
	Analytical Method	IC-110	IC-110	IC-110	IC-110	IC-110	IC-110	IC-110
Filtered/non-acidified	PNA94-W1	<50	58	<50	160	<50	42.5	16.0
	PNA94-W2	<50	<50	<50	<50	<50	13.8	1.39
	PNA94-W3	<50	<50	149	<50	<50	27.0	9.60
	PNA94-W4	<50	<50	<50	<50	<50	9.08	0.89
	PNA94-W5	<50	<50	<50	<50	<50	8.43	0.61
	PNA94-W6	<50	<50	<50	<50	<50	8.45	0.65
	PNA94-W7	380	3760	86	450	<50	21.4	35.5
	PNA94-W8	140	830	92	<50	<50	12.6	10.2
	PNA94-W9	69	747	<50	<50	<50	12.0	9.76
	PNA94-W10	<50	<50	<50	<50	<50	19.3	34.0
	PNA94-W11	<50	<50	120	<50	<50	17.3	28.7
	PNA94-W12	<50	1390	160	<50	<50	128	40.9
	PNA94-W13	<50	750	170	<50	<50	106	39.3
	PNA94-W14	<50	1710	<50	<50	<50	89.4	33.9
	PNA94-W15	<50	860	120	<50	<50	77.0	34.1
	PNA94-W16	180	4880	110	650	<50	31.6	33.3
	PNA94-W17	<50	<50	100	<50	<50	2.06	8.54
Report No.	PNA94-W18	<50	<50	980	<50	300	24.9	9.93
054-94	PNA94-W19	<50	<50	<50	<50	<50	24.6	9.00
Filtered/non-acidified	PNA94-W20	<50	478	<50	<50	<50	6.00	0.95
	PNA94-W21	<50	<50	210	<50	<50	25.0	8.08
	PNA94-W22	<50	<50	160	<50	<50	25.1	8.11
	PNA94-W23	<50	<50	<50	<50	<50	3.33	0.23
	PNA94-W24	<50	<50	<50	<50	<50	9.59	0.42
	PNA94-W25	<50	<50	60	<50	<50	17.3	30.2
	PNA94-W26	<50	<50	<50	<50	<50	9.52	0.51
	PNA94-W27	<50	<50	<50	120	<50	41.7	13.5
	PNA94-W28	<50	<50	190	<50	<50	25.2	8.39
	PNA94-W29	<50	62	200	<50	<50	63.7	5.80
	PNA94-W30	<50	<50	150	<50	<50	22.8	17.8
	PNA94-W31	<50	<50	59	<50	<50	10.6	19.7
	PNA94-W32	<50	13800	160	600	<50	25.6	42.9
	PNA94-W33	<50	<50	220	<50	<50	16.0	29.2
	PNA94-W34	310	5390	<50	<50	<50	95.1	33.8
	PNA94-W35	200	2440	110	<50	<50	49.8	30.3
	PNA94-W36	<50	873	<50	<50	<50	28.7	15.5