ENVIRONMENT/HEALTH						ASH/DUST						COAL															POWDER
FLY ASH		Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	CO2	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Others/Set Only	Size	Type	Origin
054-7125-94	%	0.16a	6.79m		0.0097	0.225	0.00029		20.91m		0.0058	0.0016	13.2	0.0045		0.0045			0.9a	6.28m	0.0009		80g	CRM	Brown Coal
054-7177-95	%		27.07m						4.88m			0.0025		0.0099		0.0176				5.48m			80g	CRM	Brown Coal
184-CT-FFA1	ppm		14.87t	53.6		835					120	39.8		156	48.2	158	9.09	4.52	2.39	4.89t		F 198	50g	CRM	Power Station
188-ECH	%		14.6	0.00569		0.0711	0.00101		-1.86	0.000306	0.0183	0.00498		0.0183	0.0023	0.0157			0.000295	5.57	0.00738		50g	CRM	
188-ENO	%		10.9	0.179	0.0291	0.0674			3.34		0.00987	0.00261		0.00961	0.0118	0.0061			0.000176	7.46	0.0029		50g	CRM	
188-EOP	%		15.8	0.00791		0.11	0.00233		-1.68	0.000294	0.0322	0.00532		0.0183	0.00201	0.0229			0.000499	5.16	0.0067		50g	CRM	
191-038	ppm			48a						4.6a		53.8a		(178)a		176a				33800a			5g	CRM	Fly Ash
202-ZC78001	%			11.4a		(1450)a	10.7a			0.16a		33.2a		60a		53a				7.65		Se 1.13a	30g	CRM	Fly Ash
252-BE1	%	0.000035	12.53m	0.00915	0.0611	0.243	-0.00034	0.000027	35.61m	-0.000073	0.01023	0.0016	1.81	0.00719	0.000104	0.00593	0.00044	0.00028	0.00014	5.14m	0.00215	Br (0.0052)	5g	CRM	Brown Coal
252-BS1	%	0.00065	5.15m	0.00415	0.0309	0.199	0.000215	0.000018	26.96m	(0.42)a	0.00473	0.00083	0.26	0.00498	0.000071	0.0065	0.00032	0.000195	0.00012	26.93m	0.0012	Br (0.0047)	5g	CRM	Brown Coal
268-010	%		29.8m			0.19m			3.27m											12.8m		Physical properties	100g	CRM	
331-1633B	%		15.05	136.2a		709a			1.51	0.784a				198.2a		112.8a				7.78		Se 10.26a	75g	CRM	Fly Ash
331-2689	%		12.94			-0.08			2.18											9.32		LOI (1.76)	30g	CRM	
331-2690	%		12.35			-0.65			5.71											3.57		LOI (0.53)	30g	CRM	
331-2691	%		9.81			-0.66			18.45											4.42		LOI (0.23)	30g	CRM	

cont...	Gd	Ge	Hf	Hg	I	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Rb
054-7125-94		0.00023	0.00026			0.51m	0.002	0.0032	0.4a	6.7m	0.094m	0.00014	0.22m	0.00084	0.002	0.0049		0.0013	0.0015
054-7177-95						0.59m	0.007	0.0096		1.48m	0.059m	0.0074	0.14m	0.0034		0.0066		0.0035	0.0022
184-CTA-FFA1	10		6.09				60.7	128	0.658		1066		2.19t		56.8	99	725	369	185
188-ECH			0.000822			1.32	0.00844		0.000061	0.79	0.0381		-0.29			0.0117		0.00707	0.0141
188-ENO			0.000489			1.73	0.00429		0.000054	1.2	0.0634		0.54			0.0077		0.00417	0.0149
188-EOP			0.00177			0.64	0.0164		0.000051	-0.58	0.044		-0.37			0.0108		0.00407	0.0069
191-038				2.1a							479a		3740a			(194)a		262a	
202-ZC78001				(0.039)a							1178a							33.8a	
252-BE1	-0.00068	-0.0037	0.000345		(5.5)a	0.18m	0.0055		-0.0008	4.65m	0.26m	0.000338	0.47m	0.0015	0.00443	0.0046	0.75m	0.0047	-0.0015
252-BS1	0.000473	0.000413	0.00028	-0.000085	(0.39)a	0.195m	0.00288		0.000035	4.91m	0.361m	0.00053	0.19m	0.00123	0.0031	0.0018	0.07m	0.00375	0.00113
268-010						0.9m				2.11m	0.22m		0.36m				0.91m		
331-1633B				0.141a		1.95				0.482	131.8a		0.201			120.6a		68.2a	
331-2689						2.14				0.61	-0.03		0.25				0.1		
331-2690						1				1.53	-0.03		0.24				0.52		
331-2691						0.33				3.12	-0.02		1.09				0.51		

cont...	S	Sb	Sc	Si	Sm	Sn	Sr	Ta	Tb	Th	Ti	U	V	W	Y	Yb	Zn	Zr
054-7125-94	0.17		0.0011		0.41a	0.00027	0.33		0.68a	0.00058		0.00033	0.0061		0.0029		0.0065	0.0019
054-7177-95			0.0027			0.0011	0.0403						0.0145		0.0087	0.00078	0.0077	0.033
184-CTA-FFA1		17.6	24.2	22.48t	10.9		250	2.11	1.38	29.4		15.1	260	10.5	45	4.24	569	
188-ECH		0.000373	0.00292	-25	0.00136		0.0401	0.000437	0.000141	0.00221	1.37	0.000736	0.0375			0.000363	0.0251	0.0361
188-ENO		0.000572	0.00207	-26.4	0.000945		0.0283	0.000122		0.00153	0.46	0.000729	0.0191			0.000349	0.0149	0.0222
188-EOP		0.000194	0.00367	-22.9	0.00219		0.0574	0.0013	0.000193	0.00239	3.68	0.000944	0.0553			0.000441	0.0219	0.0822
191-038										(17.3)a			(334)a				581a	
202-ZC78001															95a		61a	
252-BE1	28.02m	0.00061	0.0019	10.62m	0.00085	0.0019	0.351	0.000122	0.00014	0.0023	0.39m	0.000545	0.01233	0.00043	0.0024	0.00025	0.0329	0.0113
252-BS1	18.9m	0.00023	0.000558	15.05m	0.00046	0.00175	0.162	0.00065	0.000365	0.00061	0.253m	-0.00051	0.0037	-0.00036	0.0019	0.00018	0.0184	0.00765
268-010	0.62m			47.3m			0.1m				1.69m						(0.021)m	(0.055)m
331-1633B	0.2075			23.02			1041a			25.7a	0.791	8.79a	295.7a					
331-2689				24.06			-0.07				0.75							
331-2690	0.15			25.85			-0.2				0.52							
331-2691	0.83			16.83			-0.27				0.9							

ENVIRONMENT/HEALTH — ASH/DUST — STEEL — POWDER

		Ag	Al	As	B	Ba	Be	Bi	C	Ca	Cd	Cl	Co	CO2	Cr	Cu	F	Fe	Hg	K	Li	Others/Set Only	Size	Type	Origin
253-12-1-11	%		(4)m	(8)a		160a				(6.77)m	(3)a		8a	-8.6	3910a	27a		-3.18		(1.23)m			20g	CRM	Sinter Flue
253-12-1-10	%	(1)a	(1.64)m	(8)a		(150)a				(12.8)m	5a		31a	-5.39	189a	76a		-60.95		(0.28)m			20g	CRM	Foundry Flue
222-876-1	%		0.34	0.023					0.26	3.43	0.13	3.63			0.17	0.42	0.24	24.85		1.63			100g	CRM	Electric Furnace
222-877-1	%		0.044	0.014					0.83	3.23	-0.003				0.017	0.025	0.78	62.07		0.058			100g	CRM	Blast Furnace

cont...		Mg	Mn	Mo	N	Na	Ni	P	Pb	S	Sb	SO3	Si	Sn	Sr	Ti	V	Zn
253-12-1-11		(2.22)m	(0.03)m	(10)a	-3.18	(4.11)m	36a		(25)a			-1.15	(65.58)m	(43)a	(58)a	(0.23)m	56a	50a
253-12-1-10		(7.59)m	0.16m	(4)a	-60.95	(0.15)m	47a		56a		(3)a	-2.22	(9.8)m	(40)a	(50)a	0.075m	(33)a	86a
222-876-1		1.31	2.84			1.98	0.034	0.128	7.82	0.87			1.72	0.094		0.048		23.29
222-877-1		0.28	1.37			0.23	0.01	0.18	1	0.18			1.08			0.032	0.029	1.16

ASH/DUST — NON-FERROUS

		Al	As	Ca	Cd	Cr	Cu	Fe	Hg	K	Mg	Mn	Na	Ni	P	Pb	S	Si	Ti	V	Zn	Others/Set Only	Size	Type	Origin
071-PD1	%		0.77		0.28		7.03	12.2	0.0389							2.75	8.23	3.05			35.9		200g	CRM	NF-Smelter

ASH/DUST — HOUSEHOLD

		Al	As	Ca	Cd	Cr	Cu	Fe	Hg	K	Mg	Mn	Na	Ni	P	Pb	Sb	Si	Ti	V	Zn	Others/Set Only	Size	Type	Origin
095-014-50	ppm				510	2228										1914							50g	CRM	
331-2583	ppm		7.1		7.3	80			1.56							85.9							8g	CRM	Vac. Bag
331-2584	%	2.32	17.4a	6.33	10a		-0.032	1.64	5.2a	0.95	1.59	-0.037	2.77		0.2	0.9761	-0.0014	-10.6	0.42	-0.0034	0.258		8g	CRM	Vac. Bag

ASH/DUST — INCINERATOR

		Ag	Al	As	B	Ba	Be	Bi	C	Ca	Cd	Ce	Co	CO2	Cr	Cu	F	Fe	Hg	K	Li	Others/Set Only	Size	Type	Origin
095-012-100	%	0.0055	0.216			0.0019				0.211	0.0362		-0.0022		16.15	0.301		2.866		7.33			100g	CRM	Industrial
095-019-50	ppm	7		77		352	-2				432		-26		55	279		-12693	-2				50g	CRM	Municipal
095-205-225	ppm			89.5		0.44					147				12.7								225g	CRM	Municipal
253-12-1-12	ppm		(11.92)m	45		3600	-8			(13.68)m	-60		23	-11.05	731	375		(4.44)m	7.8	(3.23)m		NO3 (4.44)	30g	CRM	Refuse Concentrate

cont...			Mg	Mn	Mo	N	Na	Ni	P	Pb	S	Sb	Se	SiO2	Sn	Sr	TiO2	V	Zn
095-012-100			0.15	0.0202			2.92	1.33		0.012								-0.0052	0.0635
095-019-50			6307	-480	-26			22		4544			4a		(410)a	(173)a		29a	22393a
095-205-225										155									
253-12-1-12			(3.41)m	(0.46)m	-10		(2.56)m	198	(1.77)m	-1389	(2.22)m	(67)a	4a	(41.78)m	(815)a	(233)a	(1.14)m	(69)a	10450a

ASH/DUST — OTHERS

		Al	As	Ca	Cd	Cr	Cu	Fe	Hg	K	Mg	Mn	Na	Ni	P	Pb	Sb	Si	Ti	V	Zn	Others/Set Only	Size	Type	Origin
095-001-100	ppm					30	41	-16,336				-306		20					-465			Sr (1016) Ba 428	100g	CRM	Fly Ash
331-1648	%	3.42	115a		75a	403a	609a	3.91		1.05			0.425	82a		0.655				140a	0.476a	U 5.5a	75g	CRM	Street Dust

ATMOSPHERIC PARTICULATES

		Al	As	Ba	Be	Cd	Co	Cr	Cu	Fe	Mg	Mn	Mo	Ni	Pb	Sb	Sn	Tl	V	W	Zn	Form	Size	Type	Origin
135-A2	µg	255	8.68	-40	1.68	16.9	42.3	54.3	678	593	84.6	170	42.7	68.4	42	42.6	42.8	2.96	17.6	43.4	256	Filter	Ø 37mm (5)	RM	Work-Room Air
135-B2	µg	125	4.25	-20	0.82	8.29	20.7	26.6	41.7	290	41.4	83.1	20.9	33.5	20.5	20.8	21	1.45	8.6	21.2	125	Filter	Ø 37mm (5)	RM	Work-Room Air
331-3087A	µg		50.48	25.24		15.14		10.1		25.24	25.24	10.1			40.38				50.48		100.94	Se 25.24 6 Blanks also prov	37mm (6)	CRM	Filter

ENVIRONMENT/HEALTH						ENVIRONMENT						SEWAGE SLUDGE															POWDER
TRACE ELEMENTS		Ag	Al	As	B	Ba	Be	Bi	C	Ca	Cd	Cl	Co	CO2	Cr	Cu	F	Fe	Hg	K	Li	Others/Set Only		Size	Type	Origin
095-007-040	%	0.0059	0.999	0.0006	0.0025	0.0651	0.4a			7.73	0.0011				0.0041	0.0563		0.949	0.0003	0.431				40g	CRM	Urban
188-WT-H	%	37.9a	2.51	14.5a		772a	677a			4.87	54.5a		312a		0.133	0.314		1.75	31.2a	0.57	11.5a	(25 elements)		40g	CRM	City
188-WT-L	%	12.1a	3.03	9.04a		781a	3.73a			8.8	1.91a		6.59a		81.1a	141a		1.73	4.29a	0.74		(30 elements)		40g	CRM	City
188-WT-M	%	41a	2.61	9.98a		787a	72a			5.12	11.8a		8.12a		939a	964a		1.78	14.7a	0.58		(25 elements)		40g	CRM	
191-145R	ppm										3.5		5.61			696			2.01					40g	CRM	
191-144R	ppm										1.82		15		104	308			3.14			Aq. Regia Sol.		40g	CRM	Domestic
191-146R	ppm										18.8		7.39		196	838			8.62			Aq. Regia Sol.		40g	CRM	Industrial
331-2781	ppm	-98		7.82							12.78				-202	27.4			3.64			Major Elements ().		40g	CRM	Domestic
651-6136	%		1.51			0.0633							23.2a		0.0399	0.0464		2.22		0.203				25g (5)	RM	Industrial
cont...			Mg	Mn	Mo	N	Na	Ni	P	Pb	S	Sb	Se	Si	Sn	Sr	Ti	V	Zn							
095-007-040	%		0.415		0.0011		0.102	0.0022	-1.3				0.0015	0.0737			0.0002	0.0067	0.0737							
188-WT-H			0.57	0.37	76.7a			0.114	1.44	0.227	1.33	43a			20.3a	872a		33.2a	0.671							
188-WT-I			0.79	391a				32.1a	0.88	123a	1.03	17.8a				166a		42a	0.132							
188-WT-M			0.64	942a	4.91a			241a	1.58	853a	1.04	12.4a			20.3a	160a		33.7a	0.312							
191-145R	ppm			156				247		286			-3.3						2122							
191-144R	ppm			208				47.7		106									932							
191-146R	ppm			324				69.7		609									3061							
331-2781	ppm				46.7			80.2		202.1			16						1273							
651-6136	%		0.282	0.0544			0.0397	0.013		0.0341									0.089							
PAH			Fluorene		Methylnaphthalene			Naphthalene		Phenanthrene		Pyrene										Others/Set Only		Size	Type	Origin
095-101-100	ppm		54.6a		185a			97a		173.3a		17.1a												100g	RM	Sludge
						HEALTH						COSMETICS														
			As	Pb																		Others/Set Only		Size	Type	Origin
202-ZC83001	mg/kg			37.9																				15g	CRM	Powder
202-ZC83002	mg/kg			28.1																				15g	CRM	Cream
202-ZC83003	mg/kg		7.22																					15g	CRM	Milk
						PAINT						TRACE ELEMENT														
			Al	Ca	Fe	Mg	Pb	Ti	Zn													Others/Set Only		Size	Type	Origin
331-2580	%		-1	-13	-0.5	-1	4.34	-9	-3															30g	CRM	House
331-2581	%		-2	-11	-0.4	-1	0.449	-12	-2															35g	CRM	House
331-2582	ppm						208.8																	20g	CRM	Low lead
331-2589	%		-1	-12	-0.2	-1	9.99	-9	-2															35g	CRM	House
331-2579A-5	mg/cm^2						0.307															On 0.2mm thick plastic.	/Y	76x102x0.04mm	CRM	Film
331-2579A-0	mg/cm^2						<0.001															On 0.2mm thick plastic.	/Y	76x102x0.04mm	CRM	Film
331-2579A-1	mg/cm^2						3.58															On 0.2mm thick plastic.	/Y	76x102x0.04mm	CRM	Film
331-2579A-2	mg/cm^2						1.527															On 0.2mm thick plastic.	/Y	76x102x0.04mm	CRM	Film
331-2579A-3	mg/cm^2						1.04															On 0.2mm thick plastic.	/Y	76x102x0.04mm	CRM	Film
331-2579A-4	mg/cm^2						0.714															On 0.2mm thick plastic.	/Y	76x102x0.04mm	CRM	Film

ENVIRONMENT/HEALTH						HEALTH						HAIR															POWDER
		Ag	Al	As	Ba	Be	Bi	Br	Ca	Cd	Ce	Co	Cr	Cu	Dy	Eu	Fe	Hg	Hg-Me	K	La	Others/Set Only	Size	Type	Origin
191-397	ppm			-0.31						0.521				-0.11				12.3					10g	CRM	Human hair
202-DC73347	ppm	0.029		0.28	17	0.063	0.34	-0.36	0.29	0.11	0.12	0.071	0.37	10.6	-0.017	-0.006	54	0.36		-20	0.049	Au (0.0025) B(1.3) Sm (0.01	20g	CRM	Human hair
202-ZC81002	ppm	-0.35	13.3	0.59	-5.41			-0.602	1090	0.095		0.135	4.77	23			71.2	2.16		-11.8	-0.014	Cl (152) I (0.875)	7g	CRM	Human hair
262-085	mg/kg								929					16.8			79.3	23.2	22.9				5g	CRM	Human erythocyte
262-086	mg/kg								1120					17.6			123	0.573	0.258				5g	CRM	Human
cont…			Li	Mg	Mn	Mo	N	Na	Ni	P	Pb	S	Sb	Sc	Se	Si	Sr	Ti	V	Y	Zn				
191-397									-46		33				2										
202-DC73347			2	360	6.3	0.073	14.9	152	0.83	170	8.8	4.3	0.095	0.008	0.6	870	24	2.7		0.08					
202-ZC81002				105	2.94	-0.58		266	3.17	-184	7.2	-4.69	-0.21	-0.00287	0.58		4.19		-0.069						
262-085	mg/kg			140	8.8									0.00092	1.07						163		5g	CRM	Human erythocyte
262-086	mg/kg			177	9.6									0.014	1.01						167		5g	CRM	Human
						WATER						TRACE ELEMENT													
HG			Hg																			Others/Set Only	Size	Type	Origin
331-1641D	ppm		1.59																				10ml (10)	CRM	Synthetic
		Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	K (sol)	Li	Mg	Mn	Mo	Na	Others/Set Only	Size	Type	Origin
132-SLRS4	mg/L		54	0.68		12.2	0.007		6.2a	0.012	0.033	0.33	1.81	103	0.68a			1.6a	3.37	0.21	2.4a		500ml	CRM	Synthetic
267-APS1075	µg/L	2	120	80		50	20	10	35000	10	25	20	20	100	2500		20	9000	40	100	6000	Rb 10 Te 3 Tl 10	250ml	RM	Synthetic
136-TM23.2	µg/L		96	8.4		14.7	1.6	-4.1		2.6	7.6	6.5	9.7	12.7			-3.8		8.4	5.1		Ag (4) Tl (3.9)	500ml	CRM	Synthetic
136-TM24.2	µg/L	-3.6	31	4.9		8.6	2	-2.2		4.1	5.9	4.6	7.3	10.8			-5.2		8.4	5.7		Tl (3.8)	500ml	CRM	Synthetic
136-TM26.2	µg/L	-7	68	7.7		25	3.3	-4		6.8	8.1	11.1	14.5	22					16.6	8.3		Tl 5.2	500ml	CRM	Synthetic
136-TM27.2	µg/L	-2	15	2.4		5.1	1.4	-1.2		1.2	2.3	1.9	4.6	11.4			-4		2.6	2.4		Tl 1.8	500ml	CRM	Synthetic
136-TM28.2	µg/L	-3.3	48	3.1		15.6	2.5	-3.1		1.3	3.6	4.7	6.3	17			3.6		7.2	4.1		Tl 3.7	500ml	CRM	Synthetic
136-TMDA51.2	µg/L	-13	96	15.3		73.3	9.1	-15		25.1	71.9	62.5	91	111			-17		82	58.5		Tl 20	500ml	CRM	Synthetic
136-TMDA52.2	µg/L	-20	307	25.8		149	16.8	-13		91.4	141	165	212	423			-12		202	204		Tl (17)	500ml	CRM	Synthetic
136-TM54.3	µg/L	-14	410	25.3		327	19.6	-19.4	-6200	157	321	456	452	399	-300		26.7	-1400	279	308	-2000	Tl (8.9)	500ml	CRM	Synthetic
136-TM25-2	µg/L	-4.7	51.4	7.2		5.9	2.8	-4	-5900	8.7	13.3	7.5	11.9	17.6	-200		-3.8	-1400	14.8	7.5	-2000		500ml	CRM	
136-TMDA53.2	µg/L		365	33.9		28.9	11.5	-14	-5900	122		312	318	336	-300		-11	-1400	366	214	-2400		500ml	CRM	
136-TMRAIN95	µg/L		1.7	1.07		0.73	0.27	0.63	-660	0.48	0.22	0.79	6.2	24.2	-40		0.39	-170	6.1	0.17	-90		500ml	CRM	
331-1640	ppb	7.62	52	26.67	301.1	148	34.94		7.04a	22.79	20.28	38.6	-85.2	34.3		-994	-50.7	5.81a	121.5	46.75	29.3a		250ml	CRM	
331-1643C	µg/L	2.21	114.6	82.1		49.6	23.2	-12	36800	12.2	23.5	19	22.3	106.9	-2300		16.5	9450	35.1	104.3	12190	Rb 11.4 Te (2.7) Tl (7.9)	250ml	CRM	Synthetic
cont…			Ni	Pb	Rb	Sb	Se	Si	Sr	Ti	U	V	Zn	Acidity to pH8.3											
132-SLRS4			0.67	0.086		0.23			26.3		0.05	0.32	0.93												
267-APS1075			60	40		10	10		250		10	30	70												
136-TM23.2			5.4	3.8		2.7	4.2		59.4		-5.5	2.2	11.1												
136-TM24.2			5.1	6.2		2.5	3.2		69.2		-4.3	6.8	18.7												
136-TM26.2			9.9	9.9		2.1	5.1		98.9		-7.5	12	31												
136-TM27.2			2.5	3.2		1.9	1.6		54.3		-2	2.4	10.9												
136-TM28.2			11.2	4.1		3.1	3.9		50.5		5.7	2.5	14.1												
136-TMDA51.2			66.7	72.9		12.5	12		121		29.3	47.7	106												
136-TMDA52.2			268	368		15.7	20.1		290	-19	-23	147	254												
136-TM54.3			359	533		25.1	30.5		614	-38	61.7	360	555												
136-TM25-2			10	15.6		2	5.1		141.5	6.6		10.8	23.9												
136-TMDA53.2			319	360		16.4	21.8		380	-16	32.6	295	371	-18											
136-TMRAIN95			0.8	0.29		0.35	0.74		1.7	0.33	0.25	0.64	11.1												
331-1640			-27.4	27.89	-2	13.79	21.96	4.73a	124.2			12.99	-53.2												
331-1643C			60.6	35.3			12.7		263.6			31.4	73.9												

ENVIRONMENT/HEALTH						WATER					TRACE ELEMENT													POWDER		
		As	Ca	Cd	Cl	Co	Cr	Cu	Fe	H3O	Mn	Mo	Na	Ni	NH3	NO3	P	Pb	SO4	V	Zn	Others/Set Only		Size	Type	Origin
132-CASS2	mg/L	1.11		0.026		0.026	0.144	0.592	0.713		2.78	8.78		0.314				0.0098		1.18	0.381	U (3)		500ml	CRM	Synthetic
132-NASS5	µg/L	1.27		0.023		0.011	0.11	0.297	0.207		0.919	9.6		0.253				0.008		-1.2	0.102	Se (0.018) U (2.6)		500ml	CRM	Synthetic
132-SLEW3	µg/L	1.36		0.048		0.042	0.183	1.55	0.568		1.61	-5.1		1.23				0.009		2.57	0.201	Ag (0.003) U (1.8)		500ml	CRM	Synthetic
191-403	nmol/kg	-19.5		0.175				3.9				103		4.36				0.117		-22.3	25.7	Al (17.1)		2L	CRM	Synthetic
191-408	µmol/kg		7.68		67.3					16.6			42		-21	20.1			10.5			K (2.3) Hg 6.14		100ml	CRM	Synthetic
191-409	µmol/kg		15.5		113					48			82.9		106	78.1			53.2			K 4.25 Hg 12.3		100ml	CRM	Synthetic
191-479	µmol/kg																214							200ml	CRM	Synthetic
191-480	µmol/kg				22a											4.5a	885							200ml	CRM	Synthetic
191-505	nmol/kg			0.8				29.4						24.1							172			1L	CRM	Synthetic
202-AH76406	ppm																		38a					100ml	CRM	Synthetic
202-AH76407	ppm			0.1a				1a						0.5a				1a			5a	Cr 0.5a		20ml	CRM	Synthetic
202-AH76408	ppm			0.01a				0.03a						0.06a				0.05a			0.09a	Cr 0.05a		20ml	CRM	Synthetic

						WATER						MAJOR ELEMENTS/NUTRIENTS												POWDER		
HARD WATER		B	Ca	Cl	F	K	Mg	Na	N (NO2+NO3)	N(tot)	Si	SiO2	SO4	NH3	TKN (asN)	Alkalinity (as CaCO3)	Colour (units)	Conductance (uS)	Turbidity (NTU/JTU)	Hardness (as CaCO3)	pH (units)	Others/Set Only		Size	Type	Origin
136-BATT01	mg/L	0.066	40.5	10.3	0.17	8.2	16.5	52.4	0.046	-0.64	0.67		81.3				28	539	-0.14	170	8.4	DIC 44.8 DOC (9.4)		500ml	CRM	River Canada.
136-EDM01	mg/L	-0.01	26	3	1.01	0.66	11.6	3.18	0.172		1.63		62.2					250		113	7.8	DIC 11.7 DOC 0.6		500ml	CRM	Tap Water Canada.
136-HAM90	mg/L	-0.08	44.1	61.5	0.5	3.8	10.7	36.3	1.43		0.37		52				4.2	495	-0.15	155	7.94	DIC 21.3 DOC 3.4		500ml	CRM	Harbour Canada.
136-ION20	mg/L	-0.006	14	16.6	0.036	1.21	2.88	13.39		0.043		0.666n	29.6	0.003n	-0.069	23	2.8	174		47.2	7.43	DIC 5.38 DOC 0.51		0.5L	CRM	Synthetic
136-ION92	mg/L		42.9	105.5	(<0.05)	0.884	9.6	19.3		0.026		<0.03n	37	(0.003)n	(<0.05)	1.5	2.8	446		147.9	5.51	DIC <0.5 DOC 0.5		0.5L	CRM	Synthetic
136-ION96-2	mg/L	-0.055	93.8	78.5	0.19	3.95	24.6	47.2		3.51		1.13n	107	(0.003)n	-0.43	206	13	834	-0.17	339	8.22	DIC 48.1 DOC 4.5 Total P 0		0.5L	CRM	Synthetic
SOFT WATER	Conc	Al	Ca	Cl	F	K	Mg	Na	N (NO2+NO3)	N(tot)	N(Kj)	N(NH3)	N(NO3)	Si	SO4	Total Alkalinity (as CaCo3 end point)	Colour (units)	Conductance (uS)	Hardness (as CaCO3)	Gran Alkalinity (as CaCO3)	pH (units)	Others/Set Only		Size	Type	Origin
136-GRM07	mg/L	0.053	2.61	0.473		0.156	1.01	0.277	0.568					0.08	3.79		3.5	29.8		5.98	6.93	DOC 0.98		500ml	CRM	Rain Canada
136-ION915	mg/L		13.4	1.39	0.048	0.49	2.8	1.35	0.343					1.16	3.4	42.3	-1.5	97	45.2		7.72	DIC 9.95 DOC (1.3)		500ml	CRM	Lake Canada
136-MOOS01	mg/L	-0.222	1.94	0.434		0.409	0.31	0.594			-0.18	-0.017	0.41	1.96	5.41		8.8	23.4		0.19	5.35	DOC 3.57		500ml	CRM	Lake USA
136-PLAS94	mg/L	-0.012	1.97	0.51		0.23	0.48	0.61			-0.15	-0.03	-0.01	0.35	6.08		-2	22		1.11	6.23	DOC 2.3		500ml	CRM	Lake Canada
136-RAIN97	mg/L	-0.032	2.62	0.52		0.15	0.92	0.27	2.08	-0.26		0.18		0.111	5.27		-2	43.6		-1.67	4.51	DOC (0.7)		500ml	CRM	Rain Canada
GROUND WATER	Conc	Al	As	Br	Ca	Cd	Cl	Cu	K	Mg	Mn	Na	NO3	PO4	Pb	SO4						Others/Set Only		Size	Type	Origin
191-609	ppb	47.7	1.2			0.164		2.48							1.63									500ml	CRM	
191-610	ppb	159	10.8			2.94		45.7							7.78									500ml	CRM	
191-611	ppb			93																				25ml (4)	CRM	
191-612	ppb			252																				25ml (4)	CRM	
191-616	ppm				38.5a		49.8a		0.58a	23.9a	0.0197a	61.5a	50.4a			57.3a								75ml	CRM	Synthetic
191-617	ppm				14.6a		26.4a		9.93a	7.32a	0.05a	14.6a	25.8a	3.36		26.3a								75ml	CRM	Synthetic
SEA WATER		Hg																								
191-579	ng/kg	1.85																						1L	CRM	Coastal