

MINERAL/ROCK/ORE		ORE																			POWDER					
		Al2O3	Be	C	CaO	Cr2O3	Fe2O3	K2O	La	MgO	MnO	Na2O	P2O5	SiO2	SO3	Sr	TiO2	V2O5	ZnO	ZrO2	LOI	Other/Set Only	Size	Type	Origin	
051-B01-3	%	54.6			0.047	0.064	27.5			0.092	0.124m	<0.04	0.17	2.91			2.76	0.052	0.008	0.083	11.5		100g	RM	Bauxite	
051-B05-2	%	57.8			0.01	0.025	6.7			0.019	0.005	<0.04	0.08	3.37			2.51	0.025	0.003	0.14	28.7		100g	RM	Bauxite	
051-B06-3	%	57.4			0.007	0.029	6.66			0.21	0.006m	<0.04	0.076	5.48			2.51	0.03	0.008	0.16	27.4		100g	RM	Bauxite	
051-B07-3	%	58.6			<0.02	0.074	5.42			0.018	0.014m	<0.04	0.12	1.01			3.35	0.047	0.0018	0.1	31		100g	RM	Bauxite	
051-B09-2	%	54.2			0.18	0.05	26.1			0.068	0.06	<0.04	0.16	4.57			2.73	0.073	0.009	0.092	11.5		100g	RM	Bauxite	
051-B10-2	%	56.1			0.01	0.16	21.7			0.13	0.011	0.04	0.049	5.1			2.81	0.11	<0.02	0.071	12.8	H2O+ 15.1	100g	RM	Bauxite	
051-B14-2	%	52.6			0.082	0.062	25.5			0.14	0.135m	0.06	0.15	6.2			2.63	0.052	0.013	0.088	12.1		100g	RM	Bauxite	
051-B15-1	%	62.9			<0.02	0.11	3.75			0.016	0.015m	0.05	0.14	1.03			3.78	0.07	0.008	0.1	27.9		100g	RM	Bauxite	
240-BXT01	%	58.3		0.08	0.57	0.065	5.1	0.01		0.02	0.02	-0.04	0.13	0.95	-0.05		3.46	0.07	0.002n	0.09	31.08		100g	CRM	Bauxite	
240-BXT02	%	50.9		0.07	0.04	0.068	17.8	0.01		0.09	0.01	-0.04	0.15	1.56	-0.08		1.87	0.06	0.009	0.05	27		100g	RM	Bauxite	
240-BXT03	%	54.1		0.03	<0.01	0.16	11.7	<0.01		0.01	0.01	-0.02	0.02	3.79	-0.09		1.05	0.04	0.002	0.06	28.9		100g	RM	Bauxite	
240-BXT04	%	48.5		0.12	0.02	0.09n	17	0.03		0.05	0.04	-0.02	0.13	2.68	-0.13		5.32	0.19	0.003	0.06	25.7		100g	RM	Bauxite	
240-BXT05	%	46.8		0.28	1.13	0.108	19.2	0.01		0.08	0.32	-0.03	0.38	1.98	-0.21		2.25	0.11	0.026	0.06	27.2		100g	RM	Bauxite	
240-BXT06	%	48.7		0.14	0.13	0.134	18.9	0.01		0.06	0.27	-0.03	0.61	0.8	-0.15		2.67	0.13	0.023	0.07	27.2		100g	RM	Bauxite	
240-BXT07	%	44.6		0.08	0.01	0.047	25.2	0.01		0.04	0.08	-0.02	0.14	2.41	-0.16		2.41	0.07	0.006	0.07	24.7		100g	RM	Bauxite	
240-BXT08	%	51.5		0.07	0.02	0.048	9.6	0.02		0.04	0.02	-0.02	0.26	3.17			9.41	0.19	0.006	0.1	25.6		100g	RM	Bauxite	
240-BXT09	%	53.4		0.2	0.01	0.037	14.5	0.01		0.002	0.03	-0.01	0.07	7.57	-0.06		2.98	0.06	0.04	0.12	20.8		100g	RM	Bauxite	
245-AN29	%	88.6			0.07		1.72	0.03		0.09		0.04		6.17			3.28				0.09	Li2O <0.01	25g	RM	Bauxite	
321-BAH	%	50.72	0.0006		0.67		22.59	0.044	0.0103	0.52	0.13	0.041	0.09				2.49	0.067n	0.0086n	0.014n		Co 0.0034 CO2 0.8 Cu 0.0042 H2O+ 15.1 Mo 0.0031 Ni 0.0174	70g	CRM	Bauxite	
331-600	%	40			0.22	0.024	17	0.23		0.05	0.013m	0.022	0.039	20.3	0.19		1.31	0.06	0.003	0.06	20.5		90g	CRM	Bauxite	
331-696	%	54.5			0.018	0.047	8.7	0.009		0.012	0.004m	-0.007	0.05	3.79	0.21		2.64	0.072	0.0014	0.14	29.9		60g	CRM	Bauxite	
331-697	%	45.8			0.71	0.1	20	0.062		0.18	0.41m	-0.036	0.97	6.81	0.13		2.52	0.063	0.037	0.065	22.1		60g	CRM	Bauxite	
331-698	%	48.2			0.62	0.08	19.6			0.058	0.38m	-0.015	0.37	0.69	0.22		2.38	0.064	0.01	0.061	27.3		60g	CRM	Bauxite	
331-69B	%	48.8			0.13	0.011	7.14	0.068		0.085	0.11m	-0.025	0.118	13.43	0.63		1.9	0.028	0.0035	0.29	27.2		60g	CRM	Bauxite	
351-395	%	52.4			0.051		16.3	-0.02		0.02	(42)a,n			1.24	(23)a		1.93		(43)a,n		27.8	Pb (28)a	100g	CRM	Bauxite	
CALCINED		Al2O3	Be	C	CaO	Cr2O3	Fe2O3	K2O	La	MgO	MnO	Na2O	P2O5	SiO2	SO3	Sr	TiO2	V2O5	ZnO	ZrO2	LOI	Other/Set Only	Size	Type	Origin	
351-394	%	88.8			0.08		1.9	0.02		0.12	-0.08	0.02	0.22	4.98			3.11			-0.15	-0.4	Li2O (<0.01)	100g	CRM	Bauxite	
					ORE							As														
		Ag	Al2O3	As	Bi	CaO	Cd	Co	Cu	F	Fe2O3	Ga	K2O	Li	Mg	MnO	Na2O	Ni	P	Pb	S	Others/Only as Set	Size	Type	Origin	
202-DC70010	%	0.29a	2.66	9.33	9.9a	27.56	3.9a	9.8a	0.014	0.029	1.24	3.2a	0.51	10.1a	8.59	0.06	0.32	0.0033	-0.022	0.016	4.6	RE Elements	100g	CRM		
202-DC70011	%	0.2a		5.35	5.4a		2.6a	7.4a	0.0097			2.9a		11.8a				0.0025		0.01	2.81		100g	CRM		
cont...			Sb	Se	SiO2	Sn	Te	TiO2	Zn																	
202-DC70010			0.037	0.0028	13.74	-0.0003	0.5a	0.096	0.033																	
202-DC70011			0.016	0.0014		0.0002	0.31a		0.023																	
					ORE							B														
		Al2O3	B2O3	BaO	CaO	F	Fe2O3	K2O	MgO	MnO	Na2O	SiO2	SO3	SrO								Other/Set Only	Size	Type	Origin	
245-AN30	%	7.41	17.4		13		0.18	1.13	0.22		8.67	51.8											25g	RM	Borax Frit	
331-1835	%	3.474	18.739	0.0497	1.622	0.348	1.141	1.261	3.411	0.0333	3.484	18.408	1.477	0.9418									60q	CRM		

MINERAL/ROCK/ORE		ORE																		POWDER							
		Ag	As	Au	Ba	Cd	Cu	F	Fe	Hg	In	Pb	S	Se	Sb	Sr	SO4	Te	Zn	Other/Set Only			Size	Type	Origin		
054-3593-86	%	20.9a	0.08	3.2a	6.8	162.8a	0.99				5.5a	0.27	18.3	20a	0.99		1.74	33.3a	4.63			100g	CRM	Complex Ore			
054-3594-86	%	107a	0.18	12.1a	10.7	75a	4.16				9.7a	0.34	41.1	50.9a			3.07	210.4a	2.25			100g	CRM	Pyrite complex			
054-3595-86	%	36.7a	0.12	2.1a	2.4	52.3a	2.15				2.5a	0.13	46.8	58.2a			1.08	72.6a	0.81			100g	CRM	Pyrite complex			
054-3596-86	%	155.4a	1.21	7.6a	26	52.5a	13.1				13.1a	0.56	26.1				6.4		1.22			100g	CRM	Py-Ba Complex			
054-5177-90	%	0.00181			10.3					0.22a		1.84	2.96								Minerals	100g	CRM	PbBa ore			
054-6587-93	%	60.2a	0.016		33.6	0.012	0.019		2.5	44.1a		2.86	11.5		0.013	0.69						50g	CRM				
183-38	%				51.39			2.9					30.77m			0.85						80g	RM	Baryte			
		ORE																		POWDER							
		Al2O3	BeO	CaO	CeO2	Dy2O3	Er2O3	EuO	F	Fe2O3	Fe2O3(sol)	FeO	Gd2O3	Ge	H2O+	Ho2O3	K2O	La2O3	LOI	Lu2O3	MgO	Others/Only as Set			Size	Type	Origin
202-DC86301	%	14.85	0.06	0.577	14.7a	4.53a	0.14a	2.16a	0.019	0.515		-0.17	3.64a		0.607	0.85a	4.08	6.97a	0.687	0.32a	0.07			70g	CRM		
202-DC86302	%	14.83	0.359	0.578	15.2a	4.63a	0.14a	2.2a	0.04	0.591		-0.18	3.84a		0.596	0.91a	3.87	7.74a	0.732	0.38a	0.069			70g	CRM		
cont...			MnO	Mo	Na2O	Nd2O3	P2O5	Pr6O11	Re2O3	ScO	SiO2	Sm2O3	Tb4O7	TiO2	Tm2O3	W	Y	Yb2O3									
202-DC86301			0.029	0.41a	4.79	6.68a	-0.01	1.7a	75.8a	1.66a	73.8	2.53a	0.75a	0.015	0.33a	1.3a	29.2a	2.27a									
202-DC86302			0.035	1.25a	4.66	7.52a	0.013	1.91a		3.14a	73.77	2.73a	0.8a	0.015	0.36a	5.46a	28.5a	2.37a									
		ORE																		POWDER							
		Al2O3	C(gr)	CaO	CO2	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	S	SiO2	TiO2	Ash	VM	H2O	Other/Set Only			Size	Type	Origin				
202-DC60119	%	12.93	2.91	9.37	3.6	6.73	2.54	6.1	0.084	1.6	0.13	1.18	49.84	0.57			2.6				60g	CRM	Graphite ore				
202-DC60120	%	13.03	9.91	5.34	0.67	6.99	2.17	5.35	0.054	1.56	0.14	2.59	49.34	0.64			2.8				50g	CRM	Graphite ore				
202-DC60121	%	5.6	76.5	0.74	0.28	1.48	0.99	0.5	0.022	0.23	0.16	0.14	10.34	0.55	20.78	2.72	1.98				50g	CRM	Graphite ore				
		ORE																		POWDER							
		Co	Cu	Fe	Ni																		Other/Set Only	Size	Type	Origin	
183-24	%	0.323	4.91	2.94	0.043																			40g	RM		
		ORE																		POWDER							
		Al2O3	CaO	CO2	CoO	Cr2O3	Fe2O3	FeO	Ir	K2O	MgO	MnO	Na2O	NiO	P2O5	Pt	Ru	S	SiO2	TiO2	V2O5	Other/Set Only			Size	Type	Origin
031-8	%	10.57	0.26			48.97	14.13n	-13.9			14.69	0.25			0.0039n			0.0341	4.3	0.24	0.14		100g	CRM			
031-9	%	15.17	-0.16			46.45	19.41n	-17.5			10.85	0.21			0.0024n			0.0028	0.61	0.56	0.32		100g	CRM			
054-P14	%	7.28	0.063	0.119n		47.9	9.22n	10.4			21.6							0.035	7.74		0.046n		100g	CRM			
062-AK	%	0.11	54.9	43			0.13			0.037	0.11		0.047		0.029			0.046	0.64			F 0.2 SrO 0.28	100g	CRM	Aragonite		
183-30	%					23.95n	11.2n				16.63									2.76	0.14n		55g	RM	Chromite		
202-DC25001	%	9.29	1.04			32.79	9.53n			21.49					0.0055n			0.012	14.64				100g	CRM	Chromite		
202-DC25006	%	10.3	0.19			55.51	9.73n			16.84					0.0042n			0.004	2.67				50g	CRM	Chromite		
202-DC72303	%	12.1	0.36	1.06	0.023	49.44	-1.84	-13.06	0.09a	0.11	15.66	0.28	0.025	0.14	0.003	0.01a	0.305	0.04	4.08	0.12	0.014	Pd 0.007 T Fe(Fe2O3) 16.3	200g	CRM	Chromite		
202-DC72304	%	13.37	0.66	0.67	0.022	48.97	-3.86	-9.13	0.333	0.01	14.95	0.12	0.009	0.18	0.003	0.019a	0.193	0.003	4.2	0.077	0.16	Pd 0.002 T Fe(Fe2O3) 14.0	200g	CRM	Chromite		
351-308	%	19.4	0.34			41.5		15.3			16.4	-0.14								4.25	-0.16		100g	CRM			
391-B70-2	%	11.62				48.14	14.04n				15.54				(0.002)n			0.018	3.96				100g	CRM			
245-2CAS5	%	23.2	0.57			35.8	16.4			0.06	16.8	0.13	0.03						5.55	0.29		Li2O <0.01 LOI 0.76	25g	RM			
245-AN22	%	29.3	0.39			34	15.4			0.03	16.5	0.14	0.08						3.45	0.26		Li2O 0.02	25g	RM			

MINERAL/ROCK/ORE			ORE																		POWDER									
			Ag	Al2O3	Au	CaO	Cd	Ce	Co	CO2	Cr	Cs	Cu	Dy	Er	Eu	F	Fe2O3	FeO	Ga	Gd	Ge	Other/Set Only	Size	Type	Origin				
202-DC70001	%	3.9a	1.73	1.4a	9.61	0.42a	13.2a	76			(7)a		1.15	1.1a	0.78a	0.28a	0.079	55.58		22.6a	1.1a	0.89a	As 4.2a Bi 1.5a	100g	CRM					
202-DC70002	%	0.7a	15.18		4.95	0.14a	72.6a	16.9			(10)a	(10)a	0.19	2.4a	1.3a	1.3a	0.08	12.25		22.6a	3.6a	0.93a	As 1.5a Ba (800)a Bi 0.43a	100g	CRM					
cont...			Ho	In	K2O	La	Li	Lu	MgO	MnO	Mo	Na2O	Nd	Ni	P2O5	Pb	Pd	Pr	Pt	RE	Re									
202-DC70001			0.26a	1.4a	0.071	7.5a	(9)a	0.16a	3.91n	0.6	1.4a	0.044	4.7a	9.6a		9.1a		1.4a												
202-DC70002			0.48a	0.25a	2.71	40.3a	(15)a	0.2a	1.3n	0.12	2.4a	3.21	29.4a	5.6a		13a		8.1a												
cont...			Rh	Ru	S	Sb	Sc	Se	SiO2	Sm	Sn	Tb	Te	Th	TiO2	Tl	Tm	W	Y	Yb	Zn									
202-DC70001					0.72	0.36a	1.8a	5.1a	9.27	1a	11.1a	0.21a	0.62a	0.9a	0.079	0.06a	0.11a	4.1a	7.3a	0.89a	0.059									
202-DC70002					0.14	0.23a	5.4a	0.89a	53.36	5.1a	3.8a	0.48a	0.13a	8.8a	0.5	0.36a	0.18a	3.9a	11.8a	1.2a	0.013									
			Ag	Al2O3	As	CaO	Cd	CO2	Cu	F	Fe2O3	K2O	MgO	MnO	Mo	Na2O	P2O5	Pb	S	SiO2	TiO2	Zn	Other/Set Only	Size	Type	Origin				
054-47	%	8.7a							0.42		21n								2.7					100g	RM					
054-48-85	%	7.3a	5.47		29.75		2.73	1.98	0.054	15.9n	0.13	0.66	0.36	0.02	0.1	0.11		1.94	33.77	0.147		Se 5.7a	100g	RM						
054-1703-86	%	0.58a						0.07														Au 0.07a Ir 0.01a	100g	CRM	Tailings					
054-2887-84	%	9.3a	11.91		3.34		2.61	0.55	0.039	4.08	1.71	1.55	0.146		3.25	0.115	0.037	0.22	67.77	0.54	0.011	FeO 3.1	100g	CRM	Cu Sandstone					
054-2888-84	%	25.9a						1.55									0.103	0.6			0.023		100g	CRM	Cu Sandstone					
054-2889-84	%	35a	10.96		4.1	0.0071	3.15	3.16	0.037	3.77	1.79	1.36	0.136		3.09	0.107	1.9	0.181	61.68	0.44	0.8	FeO 2.96	100g	CRM	Complex ore					
054-3029-84	%	2.1a	15.18					0.3	0.074	3.11n	4.06		0.081	0.0086	1.95	0.094		1.59	68.9	0.42			100g	CRM	Porphyry-Cu					
054-3030-84	%	8.6a	10.85		18.94		1.04	0.39	0.048	13.84n	0.48	2.06	0.41	0.38	0.16	0.17		2.78	42.32	0.54		Se 13.1	100g	CRM						
054-3031-84	%	37.4a	4.93		28.05		2.87	3.37	0.056	15.17n	0.26	1.33	0.33	0.18	0.18			2.78	31.56	0.19		Se 13.1a Te 9.1a	100g	CRM	CuMo-Skarn					
054-3032-84	%	4.5a	2.92		16.97		2.67	0.58		20.2n	0.076	3.08	0.7		0.16	0.069		2.83	37.19	0.107		Au 4.3a Co 0.2 Se 4.2a Te 34.4a	100g	CRM	AuCo-Skarn					
054-8078-94	%	1.6a	11.87		5.62	0.0036	4.05	0.38	0.042	4.4	2.21	1.35	0.16		3.32	0.11	0.21	0.73	63.23	0.46	0.15	Major elements FeO 2.95	50g	CRM						
054-8079-94	%	3.7a	10.62		6.73	0.016	4.88	0.73	0.032	3.39	1.92	0.96	0.18		3.34	0.092	0.62	1.29	63.32	0.41	0.41	Major elements FeO 2.15	50g	CRM						
185-MR1	%	0.0058	-4.7	0.028	9.6			1.23		1.41n		-3.8						0.15	-60		0.04		200g	RM						
185-MR2	%	0.0029	-4.9	-0.013	-25			1.61		0.88n		-8.2						0.085	-22		0.025		200g	RM						
185-MR3	%	0.0044	-4.4	0.0057	-13			1.87		1.1n		-5.3						0.16	-49		0.047		200g	RM						
202-DC70019	%	0.00424		0.13		0.015		0.22							0.023			1.27	2.49			2.51	100g	CRM	CuPbZn Ore					
331-330	%	(1.51)a		(0.093)a				0.84															100g	CRM	Tailings					
331-331	%	(0.243)a		(0.034)a				0.091						0.0022									100g	CRM	Tailings					
MATTE/CONC		Ag	As	Au	Bi	Cd	Co	Cu	Fe	Ir	MgO	Mn	Mo	Ni	Os	Pd	Pt	S	SiO2	Te	Zn	Other/Set Only	Size	Type	Origin					
054-1701-86	%			3.8a				23.6		0.052a				1.6	0.022a	37.6a	8.6a					Rh 0.27a Ru 0.12a	70g	CRM	Concentrate					
054-2891-84	%	707.7a				0.029		40.4													2.89	Pb 2.25	100g	CRM	Concentrate					
071-CCU1C	%	0.0129	0.0034	4.94a	-0.007	0.0136		25.62	29.34		1.02	0.012	0.002						33.3	2.52	(70)a	3.99	CaO 0.15 Se 0.0107	200g	CRM	Concentrate				
071-INM1	%	691a						-25.52	-5.1					-48					22.17	-0.1				50g	CRM	Matte				
183-44	%	0.0691	1.14		0.103	198a		40.33	1.01			0.122		615a		34.86			14.34		1.51	Sb 0.346 Sn 0.36	85g	RM	Matte					
185-KM3	%	0.126						11.46	3.56				0.016	0.04					6.08			Se 0.004 V 0.047	100g	CRM	Concentrate					
		Ag	Al2O3	As	Au	Ba	Bi	CaO	Cd	Cl	Co	Cr	Cu	F	Fe	Ga	Hg	In	K2O	Li	MgO	Others/Only as Set	Size	Type	Origin					
183-100	%	0.0045	1.83	0.0094	23.5a	0.0085	0.0044	0.37	5.2a	0.0065	0.0099	8.1a	35.9	0.06	20.04		0.38a		0.73		0.84			50g	RM	Australia				
202-DC35005	%	0.0061		1.16	0.05								21.69	1.52							0.54			80g	CRM					
202-DC71308	%	8.46a		-3.1a		16.1a		20.2a			75.1a		33.3		30.3				66.6a					10g	CRM	Chalcopyrite				
cont...			Mn	Mo	Na2O	Ni	P	P2O5	Pb	S	Sb	Sc	Se	SiO2	Sn	Te	TiO2	V	W	Zn										
183-100			0.0214	0.306	0.3	0.0028		0.08	0.0081	28.07	8.4a	0.0244		7.8	0.0026	0.0021	0.37	0.01			0.0665									
202-DC35005						0.039				1.04											0.151									
202-DC71308			0.0047			0.0041			0.0128	34.69			48.3a			10.4a					0.3									

MINERAL/ROCK/ORE		ORE																			POWDER				
		Al2O3	As	CaO	Co	Cr	Cu	F	Fe	FeO	K2O	MgO	Mn	Na2O	Ni	P	S	SiO2	TiO2	V	Zn	Others/Only as Set	Size	Type	Origin
031-11	%	1.38	0.0019	0.045		0.0041	0.0011		66.16		0.14	0.021	0.0113	0.015	0.003	0.042	0.012	3.1	0.064		0.0023	Pb 0.0018 V 0.004	100g	CRM	Haematite
031-12	%	0.77		1.09	0.0223	0.0021	0.0502		66.63		0.012	2.8	0.17	0.012	0.0281	0.0477	0.069	0.34	0.72		0.0142	Pb 0.0025	100g	CRM	Magnetite
054-P9	%	0.463		2.59					33.14	40.85		11.01				0.0051	0.17	1.79				C (carb) 10.6	100g	CRM	Siderite
054-5403-90	%	0.73		0.89			0.32		62.74	25.74		0.65	0.162				3.89	7.14	0.055		0.0029	Ag 0.00059 CO2 0.39	100g	CRM	
054-5405-90	%	2.04							54.83		0.33	0.29	0.62			0.034	0.018	16.23	0.092		0.089	Ge 0.00051 Pb 0.23	100g	CRM	
054-5407-90	%	2.62		5.78					38.15		0.51	0.23	10.42	0.15			0.024	12.46	0.083		0.2	CO2 4.16	100g	CRM	
071-FER1	%	0.52		3.29				-0.06		-23.34	0.02	0.3	0.22m	0.03		2.39m	0.26	16.95	0.03			20 Trace Elements	100g	CRM	
071-FER2	%	5.16		2.17				-0.04		15.24	1.33	2.1	0.12m	0.51		0.27m	0.17	49.21	0.18			20 Trace Elements	100g	CRM	
071-FER3	%	0.09		0.84				-0.01		-13.63	0.03	1.02	0.08m	0.03		0.07m	-0.03	53.61	0.01			20 Trace Elements	100g	CRM	
071-FER4	%	1.7		2.23				-0.02		15.54	0.29	1.41	0.19m	0.05		0.13m	0.11	50.07	0.07			20 Trace Elements	100g	CRM	
071-MW1	%	0.3		0.054n					66.08	1.36n	0.011n	0.032	-0.016	(0.011)n		0.011	-0.011	4.6	-0.13				200g	CRM	Siliceous rock
071-SCH1	%	0.509n		0.029n					60.73		0.026n	0.02n	0.777	0.019n		0.054	0.007	3.78n	0.031n				200g	CRM	Haematite
131-101	%	1.84		14.17					45.67			3.1	0.93			0.05		14.08					100g	CRM	
131-102	%	1.32		17.41					36.66			11.58	0.14			0.055m		8.33					100g	CRM	
131-103	%	1.42		6.75					50.6			4.79	0.056			0.038		14.38					100g	CRM	
131-104	%	1.74		2.07					54.48			1.16	0.072			0.008		16.86					100g	CRM	
131-105	%	1.78		4.43					51.9			3.06	0.035			0.055		17.01					100g	CRM	
131-106	%	2.02		26.46					34.88			6.67	0.116			0.264		12.36					100g	CRM	
131-107	%	2.04		18.05					39.41			4.6	0.165			0.137		14.73					100g	CRM	
131-108	%	2.15		28.53					32.48			2.29n	0.762			0.142		14.11					100g	CRM	
131-109	%	2.17		29.53					32.8			2.29	1.37			0.114		14.38					100g	CRM	
131-1121	%	2.6		0.17		0.016			51.55	0.7	0.16n	0.24	0.045m	0.11n		0.13m		20.83			0.017		100g	CRM	
131-1122	%	0.19		0.36		0.015			63.72	26.21		0.51	0.04m	0.07n		0.038m	0.052	9.14			0.023	C 0.5	100g	CRM	
131-1123	%	0.39		0.31		0.008			60.5	1.6	0.1n	0.87	0.04m	0.04n		0.038m		11.51					100g	CRM	
131-1124	%	0.54		0.15		0.014			67.9	0.45	0.01n	0.04	0.2m	0.009n		0.09m		0.63				C 0.19	100g	CRM	
131-1125	%	0.76				0.02			66.57	0.48	0.01n	0.06	0.06m			0.07m		2.87				C 0.07	100g	CRM	
131-1126	%	1.01		0.88					65.4	1.45	0.01n	0.26	0.08m	0.02n				2.85			0.003	C 0.13	100g	CRM	
131-1127	%	1.71		2.44		0.022			52.12	10.1	0.38n	7.62	4.27m	0.03n				7.07			0.011	C 0.43 Pb 0.011	100g	CRM	
131-125	%	1.97		8.78					46.12			5.5	0.49			0.064		10.43					100g	CRM	
131-126	%	2.86		9.55					45.17			5.93	0.47			0.068		10.42					100g	CRM	
131-127	%	3.5		8.7					46.67			4.58	0.51			0.075		10.89					100g	CRM	
134-61.2	%	0.837							68.48							0.0275	0.0076	1.08					100g	CRM	
171-28	%	0.6		0.03			0.002		65.86	2.4	0.12	0.3	0.059m	0.106		0.045	0.004	4.2	0.2	0.21m		Fe2O3 91.5	150g	CRM	
171-29	%	0.27		0.09			0.002		71.07	28.35	0.012	0.25	0.05m	0.034		0.008	0.016	0.47	0.25	0.2m		Fe2O3 70.1	150g	CRM	
171-30	%	3.3		3.39n			0.014		34.67	11.9	0.78	3.72	0.15m	0.24		0.019	0.028	38.6	0.11	(0.005)m		Fe2O3 36.3	150g	CRM	
171-42	%	0.214		0.177	0.0102	0.0044	9.7a		70.83		0.016	0.46	0.062m	0.029		0.025	0.007	0.6	0.207		0.0019		100g	CRM	
187-23A	%	1.21		0.022	0.004	0.01	0.001		65.81		0.01	0.066m	0.116m	-0.003		0.042	0.005	3.45	0.1		0.0016	Pb 0.004	90g	CRM	
187-27	%	1.76		0.018					61.87			0.043	0.316m			0.054	0.006	7.89	0.107				100g	CRM	
187-30	%	0.85		2.61					65.11			0.28	0.041m			0.026	0.01	2.72	0.052				100g	CRM	
201-261/1	%	0.59		0.3					57.54			1.4	-0.16			-0.19	-0.08	3.18					100g	CRM	
201-262/1	%	0.71		0.41					59.75			0.81	-0.04			-0.016	-0.005	12.34					100g	CRM	
201-263/1	%	1.14		0.17					52.14			0.17	-0.04			-0.026	-0.036	22.82					100g	CRM	
201-264/1	%	1.12		0.23					44.27			0.22	-0.04			-0.026	-0.055	33.65					100g	CRM	
201-265/1	%	3.1		1.5					37.74			0.53	-0.06			-0.039	-0.047	37.02					100g	CRM	
201-266/1	%	3.12		3.42					29.04			0.97	-0.08			-0.03	-0.104	44.99					100g	CRM	
201-267/1	%	4.05		4.85					19.57			1.23	-0.16			-0.03	-0.167	53.92					100g	CRM	







MINERAL/ROCK/ORE					ORE																			POWDER		
		Ag	Al2O3	As	Ba	Be	Bi	CaO	Cd	Ce	Co	CO2	Cr	Cu	Dy	Er	Eu	F	Fe2O3	FeO	Ga	Other/Set Only	Size	Type	Origin	
071-PR1	%		(2.39)n				0.111	(1.44)n				(1.08)n		-0.01				-0.47	(1.24)n			H2O + (0.29)	200g	CRM		
202-DC70006	%	0.09a	3.46	1.6a			2.2a	31.44	0.12a	20.8a	11.8a		(24)a	93.6a	1.8a	1a	0.59a	4.08	21.34		25.1a	12 Rare Earths	100g	CRM		
202-DC70007	%	0.12a	7.27	1a			1a	23.03	0.09a	60.3a	13.5a		(35)a	48.6a	5.8a	3.2a	1.5a	1.33	14.66		23.1a	12 Rare Earths	100g	CRM		
202-DC70018	%	7.5a					0.0066		1.8a	9.8a				0.031							15a		100g	CRM		
cont...			Gd	Ge	Ho	In	K2O	La	Li	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	Ni	O	P2O5	Pb	Pr					
071-PR1							(1.95)n				(0.09)n	(0.02)n	0.594	(0.54)n			-0.01	-49.2		-0.04						
202-DC70006			1.9a	19a	0.36a	2.9a	0.046	7.1a	(3.2)a	0.16a	0.86n	1.4	1.51	0.075		11.3a	17.8a			18.7a	3a					
202-DC70007			5.8a	12.4a	1.2a	1.3a	0.82	37.4a	(13)a	0.41a	1.83n	1.49	0.11	0.77		29.8a	20.9a			26.1a	7.4a					
202-DC70018							29a						5.17				4.33			0.2			100g	CRM		
cont...			RE	Re	S	Sb	Sc	Se	SiO2	Sm	Sn	Tb	Te	Th	TiO2	Tl	Tm	W	Zn	Zr						
071-PR1				0.793					(39.2)n						(0.03)n				-0.02							
202-DC70006			(0.35)a		1.64	1.2a	3.4a	2.1a	34.1	2.1a	86.7a	0.34a	0.4a	2.3a	0.13	0.06a	0.14a	0.36	65.5a							
202-DC70007			(0.12)a		0.48	0.26a	8.4a	0.27a	46.67	6.4a	33.2a	0.98a	0.14a	9.7a	0.36	0.21a	0.44a	0.1	120a							
202-DC70018					4.06	8.1a		0.0002			0.0014		3.1a					0.0054	0.024				100g	CRM		
		Al	Ca	Fe	K	La	Mg	Mn	Na	Nb	P	S	SiO2	Sr	Ta	Zn	LOI					Other/Set Only	Size	Type	Origin	
071-OKA1	%	-0.9	-31.3	-2.8	-0.3		-1.3	-1.1	-0.2	0.37	-1.1	(0.60)	(2.4)n	-1		-0.05	-31.9					200g	CRM			
071-TAN1	%	-8.2	-0.5	-0.2	-1.5	239a	-0.02	-0.02	-4.6	-0.02			-71.5		0.236							200g	CRM			
		Ag	Al2O3	As	Bi	CaO	Cd	Cr	Cu	F	Fe2O3	Ga	K2O	Li	Mg	MnO	Na2O	Ni	P	Pb	S	Others/Only as Set	Size	Type	Origin	
202-DC70016	%	0.73a	8.85	5.4a	6.4a	0.71	0.2a	0.033	0.7	0.095	16.06	13.2a	2.76	17.7a	2.02	0.04	1.01	4.33	0.052	0.0031	10.44	RE Elements	100g	CRM	Ni Co Ore	
cont...																										
202-DC70016	%		Sb	Se	SiO2	Sn	Te	TiO2	Zn																	
			0.43a	0.0029	50.17	0.0005	2.3a	0.37	0.0055																	
		Ag	Al2O3	Bi	Ca	Co		Cu	Fe	Mg	Ni	Pd	Pt	S	SiO2							Other/Set Only	Size	Type	Origin	
071-SU1A	%	4.3a	(5)n		-3.5	0.041		0.967	-20	-3	1.233	0.37a	0.41a	-10	-38								200g	CRM	Ni Cu Co Ore	
183-21	%				0.069	0.798		23.4		1.97													50g	RM	Norite	
183-22	%				0.051	0.106		22.73		1.255													45g	RM	Serpentine	
183-23	%				0.081	0.013		26.85		1.68													50g	RM	Laterite	
		Ag	Au	Ir	Ni	Os	Pd	Pt	Rh	Ru												Other/Set Only	Size	Type	Origin	
054-927-86	%		0.27a	0.042a			6.63a	2.64a	0.36a	0.1a													200g	CRM	Ca Ni Ore	
054-929-86	%		0.26a	0.041a			6.4a	2.55a	0.33a	0.1a													200g	CRM	Ca Ni Ore	
CONCENTRATE																										
054-1702-86	%	23.4a	0.84a	0.11a	5.4	0.06a	30a	8.6a	0.98a	0.34a												Other/Set Only	Size	Type	Origin	



MINERAL/ROCK/ORE	ORE																			NOBLE METAL										POWDER		
	Ag	As	Au	B	Co	Cu	Fe	Ir	K	Na	Ni	Os	Pb	Pd	Pt	Rh	Ru	S	Zn	Other/Set Only	Size	Type	Origin									
031-7	ppm	0.42		0.31				0.074				0.063		1.53	3.74	0.24	0.43															
054-2532	%	41.45a		1.62a		-0.53	-7	0.43a	-0.03	-0.04	12.87	0.17a	-0.013	51.5a	16.6a	3.72a	1.16a	-23.15	-0.0067		Bi (0.01) SiO2 (0.21)	100g	CRM	Pyritic Complex ore								
054-3597-86	%		3.96	8.8a	1.08a	0.17a																100g	CRM	B-Au-Co ore								
054-3613-87	ppm			0.12				0.1						6	1.22	1.26	0.31				Major elements	100g	CRM	Pyrrhotite								
054-3614-87	ppm			0.11				0.052						5.1	1.07	0.55	0.14				Major elements	100g	CRM	Pyrrhotite								
054-3615-87	ppm			0.11				0.17						6	1.17	1.9	0.5				Major elements	100g	CRM	Pyrrhotite								
054-3616-87	ppm			0.44				0.1						17.6	3.1	1.13	0.22				Major elements	100g	CRM	Pyrrhotite								
071-MA1B	ppm	4		17					(4.45)t	(1.49)t											SiO2 (50)t	200g	CRM	Siliceous ore								
071-MA2C	ppm	-0.51		3.02		-29	-95															400g	CRM									
071-MA3A	ppm	-2.4	-8	8.56		-30	-100															200g	CRM	Siliceous rock								
071-PTA1	ppm							(63)t														400g	CRM	Black sand								
071-PTC1A	%	56a	0.012	1.31a		0.3	13.51a	34.6	0.11a		10.13a		0.05	4.48a	2.72a	0.33a	0.21a	31.8				200g	CRM	Sulphide concentrate								
071-PTM1A	%	(135)a	0.22	3.3a		1.97	25	1.48	0.35a		47.95		0.029	10.01a	7.31a	0.92a	(0.7)a	22.4				400g	CRM	Ni Cu Matte								
071-TDB1	ppm			0.0063a					(0.00015)a					0.0224a	0.0058a	(0.0007)a					Major elements	400g	CRM	Diabase								
071-WGB1	ppm			0.0029a					(0.00033)a					0.0139a	0.0061a	(0.00032)a					Major elements	400g	CRM	Gabbro								
071-WMG1	ppm			0.11a					0.046a			(0.024)a		0.382a	0.731a	0.026a	0.035a				Major elements	400g	CRM	Gabbro								
071-WMS1	ppm			0.279a					0.235a			(0.119)a		1.185a	1.741a	0.225a	0.099a				Major elements	200g	CRM	Pyrrhotite								
071-WPR1	ppm			0.042a					0.0135a			(0.013)a		0.235a	0.285a	0.0134a	0.022a				Major elements	400g	CRM	Peridotite								
071-UMT1	ppm			0.048a		-77a	-743a			0.0088a	1396a	-0.008a		0.106a	0.129a	0.0095a	0.0109a				Re (0.003)a Major Element	400g	CRM	Ni-Cu Tailings								
202-DC73352	mg/kg			0.91					-0.04			-0.05		0.26	0.26							500g	CRM									
202-DC73353	mg/kg			10					-0.05			-0.05		2.3	1.6							500g	CRM									
202-DC73354	mg/kg			1.1					4.3			9.6		4.6	6.4	1.3						500g	CRM									
202-DC73355	mg/kg			4.3					4.7			2.4		60	58	4.3						500g	CRM									
202-DC73356	mg/kg								136			353		11.3	20	10						500g	CRM									
202-DC73357	mg/kg			-45					28			15.6		568	440	22						500g	CRM									
202-DC73358	mg/kg			-1.8					1.2			0.64		15.2	14.7	1.1						500g	CRM									
		Ag	Al2O3	Au	Be	C	CaO	Co	CO2	Cu	Fe2O3	FeO	Ga	H2O	K2O	MgO	MnO	Na2O	Ni	P2O5	Pb	Others/Only as Set	Size	Type	Origin							
202-DC47001	mg/kg	0.33	7.42t	0.008	300	0.4t	0.14t	1	0.03t	20	0.78t	0.22t	22	0.97	2.18t	0.23t	0.14t	0.56t	4	7	40		1000g	CRM								
202-DC47002	mg/kg	2.06	16.26t	0.051	600	0.21t	0.24t	4	0.05t	240	2.22t	0.14t	34	2.73	2.8t	0.48t	0.17t	3.4t	5	90	170		1000g	CRM								
202-DC47003	mg/kg	9.08	13.44t	0.42t	1100	0.2t	0.76t	13	0.15t	670	3.06t	1.09t	18	1.96	4.04t	1.03t	0.69t	2.05t	6	70	660		1000g	CRM								
cont...			Se	SiO2	Sr	Te	Th	TiO2	U	Zn																						
202-DC47001			0.4	85.7t	40	<1	11	0.12t	7	90																						
202-DC47002			0.4	69.55t	80	<1	40	0.18t	10	750																						
202-DC47003			0.5	70.35t	80	12	6	0.28t	10	110																						
		Ag	Al2O3	As	Au	BaO	CaO	Cr	Cu	Fe2O3	K2O	MgO	MnO	Na2O	S	Sb	SiO2	Sr	TiO2	V	Zn	Others/Only as Set	Size	Type	Origin							
031-53	ppm	-1			3.99																		500g	CRM	Head Sample							
031-54	ppm				0.215																		500g	CRM	Tailings							
031-56	ppm	-1.7			2.69																		500g	CRM	Calcine							
062-AuM	%		14.06	876.5a	2.5a	0.066	4.09	47a	35.9a	5.55	1.92	1.81	0.082	3.08								66.15	187.7a	0.39	96.4a	81a	Ga 12.9a Y 14.2a	100g	CRM			
071-GTS1	%		6		0.263a		(4)n		-0.01	(8)n	(2)n	(3)n		-0.7																		
331-886	ppm				8.25																		400g	CRM	Tailings							
054-2738-83	%	0.00011		1.1	0.00046									3.34	0.004								200g	CRM								
054-2739-83	%	0.00057		8	0.0034									26	0.02								100g	CRM								
054-2740-83	%	0.000031		0.17	0.00009									0.38	0.0019								100g	CRM	Tailings							
054-2741-83	%	0.000053		0.08	0.00016									0.33	-0.0007								100g	CRM	Tailings							

MINERAL/ROCK/ORE				ORE																	P				POWDER			
		Al2O3	As	Ba	CaO	Co	CO2	Cr	Cu	Eu	F	Fe2O3	K2O	La	Lu	MgO	MnO	MoO3	Na2O	Nd	Ni	Other/Set Only	Size	Type	Origin			
031-32	%	-0.05			54.44		1.61				2.49	0.14				0.5						Cl 0.064	100g	CRM				
184-CTA-AC1	%	(0.41)n		0.0767	32.7n	0.000272		-0.0013	0.0054	0.00467		(0.5)n	(0.2088)n	0.2176	0.000108	(0.0435)n	0.0317	0.0317n	0.3841n	0.1087		Ce 0.332 Gd 0.0124	50g	CRM	Apaltite			
187-18	%				53.25							1.35	0.3	0.12		1.24			0.14			Al2O3(sol) 0.28	100g	CRM				
191-032	%	0.55	9.5a		51.76	0.59a	5.1	257a	33.7a		4.04	231				0.403			18.8a,n		34.6a	Cd 20.8a Hg 0.055a	100g	CRM				
331-120C	%	1.3			(0.001)m			(0.01)m	(0.0016)m	(0.0005)m		1.08	0.147				0.027	-0.002	0.52				90g	CRM	Florida			
331-694	%	1.8			43.6			(0.1)m			3.2	0.79	0.51			0.33	0.0116		0.86			Cd 0.015m	90g	CRM				
202-DC79001	%	0.58			51.32		2.15				3.54	1.04	0.17			0.43	0.024		0.33			10.0052 Ca=Ca+Sr	100g	CRM				
202-DC79002	%	2.58			40.71		18.46				2.05	1.08	0.28			8.19	0.015		0.059			10.0059 Ca=Ca+Sr	100g	CRM				
202-DC79003	%	4.06			19.42		16.41				0.51	3.08	2.63			7.12	0.026		0.14			Ca=Ca+Sr	100g	CRM				
cont...			P2O5	Sc	SiO2	Sm	SO3	SrO	Ta	Tb	Th	TiO2	U	V	Y	Yb	Zn	Zr										
031-32			39.96		-0.4			0.52																				
184-CTA-AC1			2.44E-05		0.57n	0.0162		(2)n	0.000265	0.00139	0.00218	0.2927n	0.00044	0.0104	0.0272	0.00114	0.0038	-0.0051										
187-18			36.67		1.02																							
191-032			32.98		2.09		1.84					171an		153a				253a										
331-120C					-1.07	-0.1						0.103	0.0135m	0.016m			(0.009)m											
331-694			30.2		11.2							-0.11	0.01414	0.31m			(0.19)m											
202-DC79001			36.89		3.26			0.077				0.037																
202-DC79002			20.86		3.61	0.79n		0.16				0.14																
202-DC79003			6.6		38.8			0.055				0.48																
					ORE							Pb																
		Ag	Al2O3	As	Ba	Bi	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	F	Fe2O3	Ga	Gd	Ge	Ho	Other/Set Only	Size	Type	Origin			
054-6586-93	%	19a	10.88		0.38							0.013				0.04	2.9					Major elements Na2O 0.34	50g	CRM				
202-DC70003	%	14.7a	12.88	85.1a		15.6a	3.2a	78.3a	14.7a	(29)a	(6)a	0.2	3a	1.5a	1.2a	0.27	4.37	16.7a	3.7a	0.9a	0.61a	CaO 19.51 Na2O 1.61	100g	CRM				
202-DC70004	%	5.6a	8.95	43.2a		12.5a	2.6a	66.8a	15.7a	(41)a	(2.3)a	0.035	3.1a	1.6a	0.82a	0.23	3.79	11.7a	3.6a	0.93a	0.65a	CaO 34.56 Na2O 0.066	100g	CRM				
202-DC70020	%	0.00613		0.086			0.016		0.0006			0.28						0.00346					100g	CRM	Pb Zn Ore			
cont...			In	K2O	La	Li	Lu	MgO	MnO	Mo	Nd	Ni	P2O5	Pb	Pr	Rb	S	Sb	Sc	Se	SiO2							
054-6586-93			7.12					<0.5	0.02				0.05	3.5			0.55						72.38					
202-DC70003			0.12a	1.42	40.5a	(19)a	0.24a	1.4	1.4	1.6a	28.2a	27.7a		4.17	8.1a	(55)a	0.86	39.3a	7.5a	1.7a	43.63							
202-DC70004			0.09a	0.82	31.2a	(18)a	0.25a	2.06n	1.53	1.3a	23.4a	34.5a		0.61	6.2a	(74)a	0.38	12a	8.1a	0.81a	30.51							
202-DC70020						0.0005						<0.0001		3.38			10.76	0.00894		0.00025								
cont...			Sm	Sn	Tb	Te	Th	TiO2	Tl	Tm	W	Y	Yb	Zn	Zr													
054-6586-93								0.2						0.045	0.019													
202-DC70003			5.1a	3a	0.58a	3.9a	10.2a	0.53	0.43a	0.23a	17.6a	15.4a	1.5a	0.062														
202-DC70004			4.6a	2.9a	0.6a	1.2a	10.5a	0.44	1a	0.26a	30.6a	16.2a	1.7a															
202-DC70020					<0.0001							-0.0002			6.2													
CONCENTRATE		Ag	Al2O3	As	Au	Bi	CaO	Cd	Cr	Cu	F	Fe	In	MgO	Mn	Pb	S	Sb	SiO2	Sn	Zn	Other/Set Only	Size	Type	Origin			
054-2036-81	%	0.2322			32.6a																				CRM			
054-2038-81	%	0.0415			0.21a																				CRM			
054-2890-84	%	0.0126						0.029								62.5					1.85	Re 21a	100g	CRM	Concentrate			
185-K012	%			0.12		-0.0001	1.91					8.43		0.89		61.43	17.95	0.042	0.58		2.48	Al2O3 0.12 Ni 0.0012	400g	RM				
202-DC35003	%	0.209			1.26					0.484		10.68		0.042		58.09	1.12		0.348	3.46	0.987	Al2O3 0.142	100g	CRM				
202-DC71309	%	0.97			14a			16.5a		0.0062	0.0127		0.29a		84.26	13.3	0.43			0.11	0.0553	Ge 1.47a Ti 0.65a	10g	CRM				
252-GF1	%	0.2	0.22	0.058		0.0154	0.063	0.0245	0.0372	0.115	0.0315	0.61	0.0011	0.024n	0.018	81.92	14.28	0.18	(0.297)m	0.25	1.255	Ce 0.00005	15g	CRM	Galena			

MINERAL/ROCK/ORE				ORE																RE										POWDER		
		Al2O3	BaO	CaO	CeO2	Cl	CO2	Dy2O3	Er2O3	Eu2O3	F	Fe2O3	Gd2O3	Ho2O3	K2O	La2O3	Lu2O3	MgO	MnO	Na2O	Nd2O3	Other/Set Only		Size	Type	Origin						
062-TRV	%		17.02	13.54	6.64			0.2071an		0.042	1.57	8.34			0.15			2.27	1.15			Cu 0.0415a FeO 3.61		100g	CRM							
183-36	%				24.92			0.31	612a	349a			0.77	397a		11.93	58a					10.505		45g	RM	Monazite						
183-40	%	2.1	13.5	16.99	3.96	0.4	18	28a	9.7a	0.01	3.28	0.019	50a	1.28	2.43	129a	4.02	0.4	0.12	0.97				90g	RM	Basnasilite						
183-41	%	0.073	1.58	4.52	32.24	0.41	20.12	157a	49a	0.075	4.37	0.42	0.151	34a	97a	20.9	500a	0.265	0.06	0.135	7.61			90g	RM	Concentrate						
071-OKA2	%	0.82		25.32	14.3		0.32n	0.17	0.06	0.26	1.28	5.83	0.58	0.02		5.6	0.0013	1.24	0.52	0.36	6.7	NiO 0.16 ZnO 0.55		100g	CRM	Britholite						
202-DC86309	%	19.08		-0.03	91.2a			28.4a	8.1a	-16a	0.016	3.49	32.1a	5.69a	2.12	31a	2.06a	0.227	0.07	0.063	0.017			70g	CRM							
202-DC86310	%	14.72		-0.03	21.9a			56.9a	0.37a	36.6a	0.034	1.16	32.9a	12.1a	4.94	19.9a	5.67a	0.08	0.016	0.157	27.9a	CsO 17.9a Li2O 0.015		70g	CRM							
202-DC86311	%	14.6		-0.03	34.1a			0.037	1.83	0.022n	0.034	1.13	-0.03	76.3a	4.87	10a	30.8a	0.08	0.016	0.155	0.022	CsO 17.9a Li2O 0.015		70g	CRM							
202-DC86312	%	19.02		0.029	0.023			0.021	76.6a	0.011n	0.014	3.45	0.026	42.3a	2.09	0.276	13.7a	0.226	0.068	0.062	0.186	CsO 5.66a Li2O 0.004		70g	CRM							
Cont...			P2O5	Pb	PrO11	SiO2	Sm2O3	SO3	SrO	Tb4O7	ThO2	TiO2	Tm2O3	U3O8	Y2O3	Yb2O3	RE2O3	LOI	H2O+													
062-TRV	%			0.3329a			0.22	6.05n	5.92			0.079			0.048			13.82	17.17					100g	CRM							
183-36					2.795		1.54			0.11	6.12		65a	0.224	1.12	195a	54.21															
183-40			0.54	0.31m	0.33	16.59	0.06	8.62	4.4	67a	0.023		2a		0.014	4.7a	7.78															
183-41			1.265	0.13	2.74	0.82	0.52	1.215	2.26	0.068	0.121		10.5a		664a	800a	64.21															
071-OKA2			8.93		1.8	14.72	1		0.66	0.06	2.893n		0.002	0.0218n	0.32	0.011	54.21															
202-DC86309			0.029		50.1a	67.31	33.8a			5.34a	24.4an	0.539	2.4a		(0.02)n	14.1a	0.093	6.69	6.55													
202-DC86310			-0.003		6.32a	74.61	15.3a			8.03a	40an	0.022	5.6a		0.057n	36a	6.32a	3.7	3.61													
202-DC86311			0.002		-45a	74.28	0.015			56.2a	38.8an	-0.02	32.6a		0.312n	0.021	0.493	3.78	3.66													
202-DC86312			-0.03		0.054	66.77	0.033			40.5a	23.8an	0.532	15.1a		0.125n	0.0097	0.787	6.82	6.64													
					ORE						S																					
		Ag	Al	As	Ba	CaO	Co	Cr	Cu	Fe	K2O	MgO	Mn	Na2O	Ni	P2O5	Pb	S	Sb	SiO2	Zn	Others/Only as Set		Size	Type	Origin						
062-M11	%		10.63m	0.0901a	0.049m	0.49	0.0223a		0.21	6.79	2.22	2.06	0.11m	0.93	0.0329a		0.868a					Cd 0.0767a TiO2 0.5 V 0.0845a		100g	CRM							
071-HCC1	%																	33.92						50g	CRM	Cu Concentrate						
202-DC71307	ppm	0.59		-14.4			-3.9		0.0431t	46.08t			0.0028t		0.0034t		-23.4	52.72t	1.1		0.0219t	Bi 2.9 Cd 0.71 Se 5.8 Bi 0.0013 Cd 0.0258 TiO2 0.29										
321-SG	%	0.0039	6.11	0.113		4.5	0.0029		0.45	8.73	1.99	0.96	0.18m	0.64	0.0021	0.057	3.88	11.2		50.03	4.64			70g	CRM	Polymetallic						
PYRITE		Ag	Al	As	Ba	Ca	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	P2O5	Pb	S	Sb	Si	Zn	Other/Set Only		Size	Type	Origin						
071-RTS1	%		4.26	0.00082	-0.0123	2.67	0.00166	-0.005	0.0595	19.64	-0.52	2.67	-0.19	-0.5	0.0022		0.0105	1.66	-0.004	19.89	0.0553	15 Trace elements		100g	CRM	Mill Tailings						
071-RTS2	%		0.83	0.00063	-0.0072	0.53	0.0072	-0.0125	0.067	37.4	-0.12	0.35	-0.04	-0.22	0.243		0.0045	18.95	-0.0057	2.92	0.0117	15 Trace elements		100g	CRM	Mill Tailings						
071-RTS3	%		4.79	0.00091	-0.0098	2.2	0.026	-0.0075	0.282	21.04	-0.35	2.45	-0.2	-0.51	0.0071		0.0146	9.98	-0.0061	15.99	0.185	15 Trace elements		100g	CRM	Mill Tailings						
071-RTS4	%		0.339	0.0207	-0.0027	0.327	0.0186	-0.01	0.028	56.7	-0.04	0.179	-0.015	-0.07	0.794		0.006	35.9	-0.01	0.998	0.0158	15 Trace elements		100g	CRM	Mill Tailings						
252-PS1	%	0.0028	0.185	0.265		2.025	0.0089			40.42	0.13	0.0933	0.26				0.0345	42.9	0.0062	3.192	-0.02	Au 0.04a Ni 0.019 CO2 (4.13)		15g	CRM	Pyrite						
					ORE						Sb																					
		Ag	Al2O3	As	Bi	CaO	Cd	Co	Cu	F	Fe2O3	Ga	K2O	Li	Mg	MnO	Na2O	Nb	Ni	P	Pb	Others/Only as Set		Size	Type	Origin						
071-CD1	%		(5.5)n	0.66		(1.4)n	-0.2		(<0.01)		(2.8)n		(1.8)n		-0.6		(0.1)n				-0.02	S -3.1		200g	CRM							
202-DC70012	%	0.07a	9.69	0.0035	0.36a	0.18		9.6a	0.0042	0.064	2.91	13.8a	2.7	18a	0.75	0.046	0.08	0.0011	0.0021	-0.035	0.0017	RE Elements		100g	CRM							
202-DC70013	ppm	7.3a		0.0025	-0.2a		2.6a	0.012			9.1a		22.8a					0.0005	0.0003		0.037			100g	CRM							
cont...			S	Sb	Se	SiO2	Sn	TiO2	W	Zn	LOI	H2O																				
071-CD1					3.57	-3.1	(32.9)n				-4	-0.2																				
202-DC70012	%		2.25	6.26	0.3a	71.03	-0.0003	0.44	2.2a	0.0039																						
202-DC70013	ppm		1.02	1.81			0.0003																									

MINERAL/ROCK/ORE		ORE																				POWDER			
CONCENTRATE	%	Ag	Al2O3	As	Bi	CaO	Cd	Co	Cu	F	Fe2O3	Ga	K2O	Li	Mg	MnO	Mo	Na2O	Nb	Ni	P	Others/Only as Set	Size	Type	Origin
183-26	%								2.11		12.2n												45g	RM	
191-010	%																						225g	CRM	
202-DC35007	%			1.46	0.023				0.146		13.68n										5.44		100g	CRM	
202-DC35008	%	0.0019		0.084					0.037		22.62n										2.07		100g	CRM	
202-DC35009	%			2.17	1.2				1.09												0.095		100g	CRM	
202-DC70014	%	16.7a	14.04	0.79	0.0081	7.73	26.8a	26.2a	0.26	0.1	36.19	25.2a	0.35	39.1a	0.99	1.17	0.027	0.05	0.0046	0.0071	0.11	RE Elements	100g	CRM	
202-DC70015	%	16.5a		0.78	0.0081		32.4a	9.6a	0.32			17.8a		33.7a			0.033		0.0012	0.0044			100g	CRM	
351-355	%		4.12n	0.14	0.015	2.63n			0.085	2.02	17.08n										0.004		100g	CRM	
cont...			Pb	S	Sb	Se	SiO2	Sn	Ta	TiO2	W	Zn													
183-26	%							33.36				13.63											45g	RM	
191-010								76.59																	
202-DC35007					0.011			52.84																	
202-DC35008					0.013			0.125				0.51													
202-DC35009							4.99	0.93				1.49													
202-DC70014			2.72	0.097	0.018	0.0003	9.5	4.47	0.0016	0.85	0.068	0.74													
202-DC70015			2.82	0.082	0.012	0.0003		1.27	3.6a		0.015	0.91													
351-355	%		0.012	0.5			7.14n	31.42		0.37n	0.35	0.059											100g	CRM	
CONCENTRATE		Ag	Al2O3	As	Bi	Ca	Cd	Co	Cu	F	Fe	Ga	Ge	Hf	K	La	Mg	Mn	Mo	Na	Nb	Other/Set Only	Size	Type	Origin
252-KC1	%	0.0002	0.22n	0.004	0.007	0.155				0.12	0.23	0.0006	0.0003	0.013	0.11	0.02	0.09	0.002	0.001	0.0065	0.07		15g	CRM	Concentrate
202-DC35001	%	25.5a		0.574	0.034						21.33												80g	CRM	Concentrate
202-DC35002	%			0.306	0.02				0.043		9.53												100g	CRM	Concentrate
cont...			Ni	P	Pb	Rb	S	Sb	SiO2	Sn	Sr	Ta	Th	Ti	V	W	Y	Zn	Zr						
252-KC1			0.002	-0.026	0.032	0.0014	0.005		0.58n	74.27	0.0006	0.009	0.007	0.46	0.009	0.38	0.007	0.012	0.37						
202-DC35001					2.89		0.183	0.024		45.8								0.264							
202-DC35002					1.62		0.09	0.016	0.93	62.49						0.182m		0.12							
						ORE						Ta													
		Al2O3	BeO	CaO	CeO2	CsO	Dy2O3	Er2O3	EuO	F	Fe2O3	FeO	Gd2O3	H2O+	Ho2O3	K2O	La2O3	LiO2	Lu2O3	MgO	MnO	Others/Only as Set	Size	Type	Origin
202-DC86305	%	14.32	0.033	0.107	3.63a	0.064	0.65a	0.16a	0.28a	1.34	0.322	-0.02	0.83a	1.5	0.12a	2.05	3.09a	0.791	0.031a	0.05	0.113		70g	CRM	
202-DC86306	%		0.033		16.9a	0.065	1.11a	0.18a	0.57a	1.34			1.22a	1.53	0.22a	2.02	6.84a	0.777	0.15a	0.048	0.143		70g	CRM	
cont...			Na2O	Nb	Nd2O3	P2O5	Pr6O11	Rb2O	ScO	SiO2	Sm2O3	Sn	Ta2O5	Tb4O7	TiO2	Tm2O3	W	Y	Yb2O3	RE2O3	LOI				
202-DC86305	%		3.62	0.0042	3.27a	0.35	0.82a	0.245	0.63a	75.03	0.75a	-0.0052	0.0087	0.14a	0.028	0.041a	16.4a	3.76a	0.23a	18.3a	2.2				
202-DC86306	%		3.69	0.043	6.54a	0.344	2.17a	0.239	6.09a		1.44a	-0.0064	0.069	0.21a	0.032	0.11a	0.02	5.22a	0.94a	44.9a	2.2				

MINERAL/ROCK/ORE																					Ti											POWDER				
		Al2O3	CaO	Co	Cr	Cu	Fe	FeO	MgO	MnO	Nb	Ni	P	S	SiO2	ThO2	TiO2	U3O8	V2O5	ZrO2	LOI	Others/Only as Set	Size	Type	Origin											
031-59	%	0.61	0.05		0.1m		50.3m		0.56	1.05					0.75		48.8		0.25				100g	CRM	Ilmenite											
031-61	%	0.93			0.11m		0.68m								2.03		93.3		0.42				100g	CRM	Rutile											
183-32	%										0.26						57.19n						45g	RM	Rutile											
202-DC19001	%	8.26	6.38	0.018	0.0067	0.02	32.97		6.16	0.288		0.0094	0.01	0.687	20.33		10.63		0.313			Ga 0.0032	100g	CRM	Coulsonite											
202-DC19002	%	10.29	7.5	0.016	0.0094	0.015	27.55		6.17	0.264		0.0083	0.0119	0.566	25.47		9.72		0.258			Ga 0.0029	100g	CRM	Coulsonite											
202-DC19003	%	5.11	1.48	0.02	0.024	0.021	50.81		3.49	0.336		0.014	0.0026	0.57	5.55		12.34		0.558			Ga 0.0042	100g	CRM	Coulsonite											
202-DC19004	%	4.46	1.04	0.02	0.024	0.019	52.66		3.21	0.349		0.012	0.022	0.556	4.11		12.66		0.572			Ga 0.0042	100g	CRM	Coulsonite											
202-DC19005	%	11.47	11.62	0.0098		0.0065	13.23		8.32	0.242		0.0048	0.0115	0.446	26.33		10.74		0.059			Ga 0.0016	100g	CRM	Coulsonite											
202-DC18010	%	0.105	55.15				0.158m		0.24					0.025									100g	CRM	Lmenite											
202-DC26001	%						32.57	31.66	0.14				0.022				52.1						150g	CRM	Filmenite											
268-021	%	1.38	0.017		0.078m		2.34		0.29	0.93	0.234		0.027m	1.05	0.88	0.0194	92.7	0.0016	0.27	0.09		Nb & S data as oxide.	100g	CRM	Rutile (synthetic)											
331-154C	%						(0.006)m		-0.01				(0.04)n		-0.01								90g	CRM												
331-670	%				0.23n		0.86m								0.51				0.66	0.84			90g	CRM	Rutile											
																						Other/Set Only	Size	Type	Origin											
					ORE								U																							
		Al2O3	As	Ba	Ca	CO2	Fe	K2O	MgO	Na2O	Ni	S	SiO2	Th	TiO2	U	LOI					Other/Set Only	Size	Type	Origin											
071-RL1	%	6.5n	19.6a		1.8	0.8n	2.3	0.22n	9.2n	0.06n	185a	0.13	25.3n		0.25n	0.201	10.2						100g	CRM	Saskatchewan											
071-UTS1	%	6.24n		324a	5.24		4.87					1		138a	0.54n	49a						SO4 2.64m	200g	CRM	Tailings											
071-UTS2	%	2.71n		464a	0.42		3.2					3.23		174a	0.18n	56a						SO4 0.84m	200g	CRM	Tailings											
071-UTS3	%	5.8n		212a	4.03		3.25					0.23		10a	0.23n	513a							200g	CRM	Tailings											
071-UTS4	%	6.29n	38a	65a	1.75		2.62					1.8		15a	0.24n	1010a						SO4 5.21m	100g	CRM	Tailings											
183-37	%																0.148						45g	RM												
					ORE																															
		Al2O3	As	CaO	Fe2O3	K2O	MgO	Na2O	P2O5	S	SiO2	V										Others/Only as Set	Size	Type	Origin											
031-38	%	0.14	-0.001	-0.019	0.119	0.06	0.0037	0.22	-0.008	-45a	0.11	55.84											100g	CRM	V2O5											
					ORE																															
		Ag	Al2O3	As	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	F	Fe	Fe2O3	FeO	Ga	Other/Set Only	Size	Type	Origin											
202-DC70008	%	8.3a	8.24	1800a		110a	37.73m	26.1a	10a	2.7a	(6.5)a	(36)a	0.079	0.46a	0.23a	0.15a	9.91		7.79				100g	CRM												
202-DC70009	%	1.8a	11.15	69.9a		680a	4.17m	0.94a	60.3a	3.7a	(30)a	(41)a	0.096	20.7a	13.1a	0.17a	4.84		5.6				100g	CRM												
cont...			Gd	Ge	Ho	In	K2O	La	Li	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	Ni	P2O5	Pb	Pr	RE															
202-DC70008			0.64a	2.5a	0.11a	8.7a	1.94	5	(200)a	0.06a	4.15n	0.97	4.2a	0.16		4a	4.1a		0.26	1.1a	(0.12)a															
202-DC70009			14.8a	11.2a	4.5a	1.3a	1.58	23.7a	(300)a	2.4a	0.14n	0.09	980a	0.12		32.9a	2.8a		0.00812	7.9a	(0.08)a															
cont...			Rb	Re	S	Sb	Sc	Se	SiO2	Sm	Sn	Tb	Te	Th	TiO2	Tl	Tm	WO3	Y	Yb	Zn															
202-DC70008			(800)a		3.12	5.1a	1.8a	0.39a	13.27	0.79a	1400a	0.15a	0.66a	2.2a	0.079	5a	0.04a	0.015n	2.8a	0.28a	0.29															
202-DC70009			(500)a		1.9	3.1a	5.4a	0.96a	71.27	12.5a	1700a	3.3a	2.9a	28.3a	0.044	1.8a	2.2a	0.22n	128a	14.9a	0.103															

MINERAL/ROCK/ORE				ORE																	W			POWDER		
		Ag	Al2O3	As	Be	Bi	Cu	F	Fe	Ge	K2O	MgO	MnO	Mo	Na2O	Pb	S	SiO2	Sn	WO3	Zn	Other/Set Only	Size	Type	Origin	
054-1711	%				0.0022	0.0044								0.0026					0.0071	0.036			100g	CRM		
054-1712	%	150.3a			0.021	1.3	0.077			0.00039a				0.26		0.77			0.89	6	0.28		100g	CRM		
054-1713	%	5.5a			0.0058	0.015				0.00029a				0.011					0.028	0.17			100g	CRM		
054-1714	%	10.3a				0.089								0.041					0.113	1.04			100g	CRM		
054-1715	%				0.013	0.054	0.02			0.00031a				0.026		0.049			0.068	0.6	0.038		100g	CRM		
054-2039	%					0.023	0.27		2.47					0.0026						0.22			100g	CRM		
054-2040	%					0.0058	0.053		0.94					0.016						0.076			100g	CRM		
054-2041	%					0.0058	0.053		0.94					0.016						0.076			100g	CRM		
054-2042	%					0.0032	0.105		4.17					0.039						0.38			100g	CRM		
071-BH1	%																			0.422n			200g	CRM	Wollastonite	
071-CT1	%																			1.04n			200g	CRM	Sheelite	
071-TLG1	%																			0.083n			200g	CRM	Sheelite	
071-MP2	%	4.9a	(5.4)n	-0.2		0.245	-0.9	-4.1	-3.7			(0.04)n		0.281		-0.04	-0.7	-76.1	0.043	0.65n	-0.4	C (0.02) Ca (2.7)	200g	CRM	WMO Ore	
183-27	%								1.76					0.276						0.036n			65g	RM	WMO Ore	
331-2430	%		(0.4)n	0.002		0.078	-0.01		-1		(0.16)n	(0.5)n	(0.12)n	0.22							70.26		P 0.017	100g	CRM	Scheelite
CONCENTRATE		Bi	Ca	Fe	Mn	Mo	Nb	O	P	Pb	S	Si	Sn	Ta	Ti	WO3						Other/Set Only	Size	Type	Origin	
054-1710	%	0.146														71.6							100g	CRM	Concentrate	
331-277	%		-0.37	-7.4	-10	-0.06	-1	-21.4	-0.03	-0.07	-0.25	-0.85	-0.54	-0.2	-2.2	67.4							100g	CRM	Concentrate	
					ORE							Zn														
CONCENTRATE		Ag	Al2O3	As	Bi	CaO	Cd	Co	Cu	F	Fe	Ga	Hg	MgO	Mn	P	Pb	S	SiO2	Sn	Zn	Others/Only as Set	Size	Type	Origin	
071-KC1A	%	0.167	-0.1						0.629		-10.9				(0.01)n		2.24	-27.5	(10.4)n	0.61	34.65	C (0.02)	200g	CRM	ZnPbSnAg	
071-MP1A	%	69.7a		0.84	0.032	(1.5)n			1.44	-1.2	-6.2			0.02n			4.33	-12.7	(19.54)n	1.28	19.02	Mo 0.029 W 0.04 In 0.033	200g	CRM	ZnSnCuPb	
071-CZN3	%	0.0045		0.039	27a		0.248		0.685		9.97		(5)a	0.0096			0.113	31.6	-0.94		50.92	Se 5.5a Sb (0.001)	200g	CRM	Concentrate	
185-RB7	%					24.35	0.033				8.28			15.26			-0.26	-10.3	-0.8		3.07		170g	RM	Blende	
185-RG8	%		0.9			26.45	0.047				6.34			12.16			0.84	0.57	2.64		5.4		280g	CRM	Galena	
185-TC9	%				-0.1	6.96	0.0049			0.055	5.64			3.5			3.77	0.52	5.47	-3	53.4	Cl 0.033	280g	RM	Sinter	
185-KC1A	%	0.167	(0.6)n								-10.9				-0.01		2.24		-10.14		34.65	C (0.02)	200g	RM		
185-KC2	%		0.11			11.4	0.28		0.629		1.74			0.69			3.95		0.63		37.45		150g	RM		
185-KC3	%		0.049			1.22	0.42				1.07			0.46			1.92		0.021		60.57		150g	RM		
185-KC4	%		0.053			3.31	0.4				1.35			0.46			2.41		0.14		56.1		150g	RM		
185-KC5	%		0.053			1.23	0.42				1.14			0.075			1.91		0.1		61.23		150g	RM		
185-KC6	%		0.25			21.74	0.11				2.87			0.69			6.18		1.43		12.89		150g	RM		
185-KC7	%		0.023			1.34	0.45				0.57			0.68			1.81		0.08		61.93		150g	RM		
185-KC8	%		0.029			2.37	0.4				0.88			1.21			2.2		0.14		59.52		150g	RM		
185-KC9	%		0.038			2.87	0.4				0.96			1.64			1.97		0.15		57.79		150g	RM		
185-KC10	%		0.05			4.35	0.4				1.47			2.54			2.59		0.24		54.49		150g	RM		
185-KC11	%		0.069	0.042		0.72		1.8			6.53			0.3			1.21	32.36	0.26		54.51	Ni 15a Sb 19.8a	280g	RM	Concentrate	
191-026	%																				48.5		10g	CRM	Blende	
191-027	%																				44.01		10g	CRM	Blende	
191-028	%																				51.16		10g	CRM	Blende	
191-029	%																				35.18		10g	CRM	Blende	
191-030	%																				49.1		10g	CRM	Calamine (calcined)	
191-031	%																				36.73		10g	CRM	Silicate	
191-108	%					0.079			0.073	0.0063	7.21		10.9a	0.075n			0.904						200g	CRM	Blende	
191-109	%					0.046			0.946	0.0081	14.51		0.96a	0.02n			0.738						200g	CRM	Blende	
191-110	%					1.051			1.628	0.0055	0.55		148.4a	0.136n			9.78						200g	CRM	Blende	

MINERAL/ROCK/ORE				ORE																	POWDER							
				Ag	Al2O3	As	Bi	CaO	Cd	Co	Cu	F	Fe	Ga	Hg	MgO	Mn	P	Pb	S	SiO2	Sn	Zn	Others/Only as Set	Size	Type	Origin	
202-DC71310	%	5a				-3.3a	601a		0.15	0.0491	0.1		2.14	0.0251			0.0169		0.099	32.33			62.51	In 21a Ni 0.0043 Sb 0.0249	10g	CRM		
202-DC35004	%					0.023			0.042		0.135	-0.0082	4.14						0.357			19.83	0.062	43.02	Sb 0.0017	80g	CRM	
252-SF1	%	0.0235	0.45	0.342					0.45		1.31	0.0205	12.7	0.0008	0.0014	0.101n	0.355		1.02	32.2	0.874n	0.382		Bi 0.0095 CaO 0.5 Au 0.017a Sb 0.018	15g	CRM	Sphalerite	
331-113B	%	0.046					0.82n	0.78		0.295			2.07		-0.55a	0.446n			2.73	30.03			46.5			100g	CRM	Concentrate
202-DC70005	%	13.5a	Al2O3	As	Bi	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu	F	Fe2O3	Ga	Gd	Ge	Ho	In	K2O	Other/Set Only	Size	Type	Origin			
								8.7a	(62)a	0.71	0.47a	0.28a	0.06a			8	0.31a	1.4a	0.13a		0.23a	0.99	CaO 1.91	100g	CRM			
cont...			La	Li	Lu	MgO	MnO	Mo	Na2O	Nd	Ni	P2O5	Pb	Pr	Rb	S	Sb	Sc	Se	SiO2	Sm							
202-DC70005			1.3a	(86)a	0.08a	0.082n	0.026	2.8a	0.56	0.92a	5.5a		0.25		(73)a	2.87	1.1a	0.33a	2.3a	82.95	0.36a							
cont...			Sn	Tb	Te	Th	TiO2	Tl	Tm	W	Y	Yb	Zn															
202-DC70005			6.1a	0.1a	0.17a	(1.1)a	0.017	0.49a	0.05a	3.4a	4.5a	0.42a	2.75															
OXIDE		Ag	Al2O3	As	Bi	CaO	Cd	Co	Cu	F	Fe	Ga	Hg	MgO	Mn	P	Pb	S	SiO2	Sn	Zn	Others/Only as Set	Size	Type	Origin			
185-TC/P10	%		0.14n			2.54					6.7				1.38		2.31	3.07	0.56		60.6		240g	RM	Roasted			
						ORE									Zr													
202-DC86307	%	14.75	2.69	71.9a	2.89a	1.22a	1.78a	0.081	4.78	1.83	3.4a	0.0042	0.58a	3.35	36.3a	0.37a	2.08	0.082	3.8	27.2a	0.166		70g	CRM				
202-DC86308	%	14.76	2.64	75.9a	4.71a	1.22a	4.82a	0.083	4.67	1.83	-4.1a	0.026	1.36a	3.33	38a	1.54a	2.01	0.083	3.72	27a	0.169		70g	CRM				
cont...			Pr6O11	ScO	SiO2	Sm2O3	Tb4O7	Th	TiO2	Tm2O3	Y	Yb2O3	ZrO2	RE2O3	LOI	H2O+												
202-DC86307			7.87a	14.1a	65.36	4.7a	0.53a	7.95a	0.42	0.3a	19.5a	2.16a	0.187	0.018	1.57	1.34												
202-DC86308			7.91a	14.5a	65.56	4.93a	0.76a	15a	0.411	0.94a	42.7a	7.74a	1.27	0.022	1.51	1.3												
183-35	%		Al2O3	BaO	CaO	Cr	Fe2O3	HfO2	K2O	Li2O	MgO	Na2O	P2O5	S	SiO2	SnO2	ThO2	TiO2	U3O8	Y2O3	ZrO2	LOI	Other/Set Only	Size	Type	Origin		
245-AN46	%	30.5					0.85		1.01	0.01	5.36	0.15			45.5			0.16n		48.76n			50g	RM	Zircon			
268-008	%	0.103					0.063				-0.004		0.09		32.66			0.097			66.62		Zr=Zr+Hf CaO (0.12)	100g	CRM			
351-204A	%	0.7					0.2		0.02		0.01	0.01	0.8		37.5	1.7		2.2			54	0.6	CaO 0.15	100g	CRM			
031-13	%	0.61					0.187	1.29			-0.044			0.23	32.45			0.295			64.01	CaO (0.14)	100g	CRM	Concentrate			
031-62	%	0.88					0.07	1.31						0.12	32.8			0.13			64.2		100g	CRM	Zircon			
054-K7	%						0.73								0.66						92.2	CaO 5.4	100g	CRM	Concentrate			
054-K8	%	1.16					0.08						0.109	0.0061	32.3			0.16			65.9		100g	CRM	Concentrate			
176-R501	%	0.39					0.06								32.6			0.16		0.11	66.5	Zr=Zr+Hf	100g	RM	Zircon Sand			
176-R502	%	5.87					0.1								32.8			0.24		0.26	60.3	Zr=Zr+Hf	100g	RM	Zircon Sand			
245-2CAS15	%	0.36		0.52			0.08		0.02	<-0.01	0.11	0.03			34.1			0.18		0.25	64.6	Zr=Zr+Hf	25g	RM	Zircon			
351-358	%	0.1	0.1				0.05	1.6			3.5				0.2			0.2			92.5	0.1	CaO 1.5	100g	CRM	Concentrate		
351-388	%	0.291					0.049	1.3						0.12	32.7			0.018	0.23a	0.034	0.136	66.2		100g	CRM	Concentrate		