

Appendix 3 – Table 3.5. Comparison of LabWest and Genalysis analyses

	Element	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er
	Unit	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	DL LabWest	0.01	10	0.5	0.5	0.2	0.2	0.1	10	0.05	0.05	0.2	2	0.1	0.2	0.02	0.05
	LabWest scheme	MAR04_MS	MAR04_OES	MAR04_MS	WAR25	MAR04_OES	MAR04_MS	MAR04_MS	MAR04_OES	MAR04_MS	MAR04_MS	MAR04_MS	MAR04_OES	MAR04_MS	MAR04_MS	MAR04_R	MAR04_R
220605	LabWest	0.03	25700	5.6	2.2	120	0.7	0.2	130000	X	46.3	5.8	32	3	13	2.17	0.92
220605	Genalysis	-0.05	12513	4	3	135	0.58	0.18	112600	0.03	24.32	5.4	26	0.91	12.2	1.4	0.68
(LW/G)		-0.6	2.1	1.4	0.7	0.9	1.2	1.1	1.2		1.9	1.1	1.2	3.3	1.1	1.6	1.4
220607	LabWest	0.02	43300	3.7	1.9	161	1.7	0.3	1310	X	59.2	12.3	44	5	14.9	3.76	1.72
220607	Genalysis	-0.05	17560	2	2	158	0.86	0.31	1400	0.04	41.86	9.4	34	1.31	11.6	3.04	1.49
(LW/G)		-0.4	2.5	1.9	1.0	1.0	2.0	1.0	0.9		1.4	1.3	1.3	3.8	1.3	1.2	1.2
220613	LabWest	0.03	44100	17.9	2	77.6	2.6	0.5	962	X	82.6	14.3	61	6.2	22.5	4.91	2.17
220613	Genalysis	-0.05	14053	14	2	50	1.16	0.43	1100	0.01	65.18	11.1	52	2.19	16.2	3.51	1.77
(LW/G)		-0.6	3.1	1.3	1.0	1.6	2.2	1.2	0.9		1.3	1.3	1.2	2.8	1.4	1.4	1.2
220616	LabWest	0.02	49500	5.3	2	590	2.3	0.4	4470	X	48.3	13.5	49	6.5	19.7	3.04	1.45
220616	Genalysis	X	26323	3	2	661	1.33	0.33	4600	0.03	37.03	11.5	39	2.01	14.2	2.33	1.26
(LW/G)			1.9	1.8	1.0	0.9	1.7	1.2	1.0		1.3	1.2	1.3	3.2	1.4	1.3	1.2
220619	LabWest	0.02	29100	3.4	3	91.9	1.1	0.2	757	X	54.6	7.8	37	3.2	9.5	3.57	1.61
220619	Genalysis	X	10695	2	3	97	0.61	0.22	1000	0.02	34.58	6.3	30	0.84	7.5	2.85	1.42
(LW/G)			2.7	1.7	1.0	0.9	1.8	0.9	0.8		1.6	1.2	1.2	3.8	1.3	1.3	1.1
220624	LabWest	0.02	19600	2.1	X	96.6	0.9	0.3	609	X	75.7	5.4	28	2.3	9.3	3.41	1.33
220624	Genalysis	X	8955	1	2	93	0.6	0.21	700	0.01	57.27	4.2	24	0.74	7.2	2.34	1.06
(LW/G)			2.2	2.1		1.0	1.5	1.4	0.9		1.3	1.3	1.2	3.1	1.3	1.5	1.3
220625	LabWest	0.04	60500	7.7	2	207	2.4	0.4	7730	X	51.3	10.2	65	4.5	25.5	3.29	1.59
220625	Genalysis	X	23307	6	2	231	1.36	0.37	8900	0.03	48.02	7.8	48	1.43	20.8	2.74	1.35
(LW/G)			2.6	1.3	1.0	0.9	1.8	1.1	0.9		1.1	1.3	1.4	3.1	1.2	1.2	1.2
220644	LabWest	0.02	39900	4.5	2.1	78.1	1.8	0.3	20700	X	37.4	11.3	52	7	26.9	2.08	1.01
220644	Genalysis	X	28650	3	3	77	1.17	0.3	21400	0.03	28.07	9	42	3.58	21.6	1.65	0.85
(LW/G)			1.4	1.5	0.7	1.0	1.5	1.0	1.0		1.3	1.3	1.2	2.0	1.2	1.3	1.2
220659	LabWest	X	17400	4.7	0.9	82.4	1.2	0.4	631	X	49	13.5	43	4	16.3	4.06	1.97
220659	Genalysis	X	21051	3	3	80	1.03	0.35	700	0.02	52.79	13	36	2.05	13.6	3.23	1.74
(LW/G)			0.8	1.6	0.3	1.0	1.2	1.1	0.9		0.9	1.0	1.2	2.0	1.2	1.3	1.1
220709	LabWest	X	13400	2.3	7.7	29.7	0.5	0.2	437	X	56.4	4.9	28	1.9	5.9	2.68	1.03
220709	Genalysis	X	5917	1	16	27	0.34	0.17	600	0.02	31.22	4	23	0.64	4.5	1.71	0.79
(LW/G)			2.3	2.3	0.5	1.1	1.5	1.2	0.7		1.8	1.2	1.2	3.0	1.3	1.6	1.3
220727	LabWest	X	41300	7	1.5	134	1.9	0.4	909	X	49.6	15	46	5.4	17.2	2.66	1.24
220727	Genalysis	X	19851	5	1	102	0.84	0.34	1100	0.01	33.37	11.9	36	1.36	11.6	1.75	0.96
(LW/G)			2.1	1.4	1.5	1.3	2.3	1.2	0.8		1.5	1.3	1.3	4.0	1.5	1.5	1.3
220805	LabWest	0.01	16300	2.6	X	22.4	0.6	0.2	328	X	64.7	4.3	31	1.9	5.8	2.52	0.89
220805	Genalysis	X	7245	1	X	16	0.27	0.18	400	0.03	32.03	3.1	27	0.73	2.6	1.35	0.6
(LW/G)			2.2	2.6		1.4	2.2	1.1	0.8		2.0	1.4	1.1	2.6	2.2	1.9	1.5
220808	LabWest	X	20600	4.2	X	50.6	0.9	0.3	266	X	51.3	7.7	43	2.3	7.7	2.47	1.02
220808	Genalysis	X	7314	3	X	43	0.45	0.24	400	0.02	26.04	5.4	35	0.67	5.1	1.58	0.74
(LW/G)			2.8	1.4		1.2	2.0	1.3	0.7		2.0	1.4	1.2	3.4	1.5	1.6	1.4
220824	LabWest	0.02	32400	7.1	0.6	123	1	0.3	88500	X	44.4	6.3	37	4	19	2.39	1.08
220824	Genalysis	X	18848	4	2	115	0.67	0.21	86100	0.03	24.12	4.8	30	1.38	16.4	1.52	0.72
(LW/G)			1.7	1.8	0.3	1.1	1.5	1.4	1.0		1.8	1.3	1.2	2.9	1.2	1.6	1.5
220877	LabWest	0.02	53300	8.5	0.7	204	2.1	0.5	1690	X	58.1	12.2	59	7.4	22.1	3.1	1.43
220877	Genalysis	X	24375	6	4	196	1.04	0.42	2000	0.04	43.11	9.9	45	2.86	16.7	2.32	1.15
(LW/G)			2.2	1.4	0.2	1.0	2.0	1.2	0.8		1.3	1.2	1.3	2.6	1.3	1.3	1.2
220922	LabWest	0.02	36300	3.3	X	97	1.8	0.3	1920	X	63.9	9.6	45	4.3	15.2	3.69	1.66
220922	Genalysis	X	10960	2	X	95	0.85	0.24	2200	0.03	57.64	7.1	28	0.75	10.6	2.77	1.35
(LW/G)			3.3	1.7		1.0	2.1	1.3	0.9		1.1	1.4	1.6	5.7	1.4	1.3	1.2
220946	LabWest	0.02	51800	3.8	X	201	2.1	0.4	1430	X	69.9	10.8	47	6.2	16.3	4.42	1.99
220946	Genalysis	X	14771	2	2	183	1.03	0.3	1700	X	45.28	8.1	33	1.18	12	3.19	1.59
(LW/G)			3.5	1.9		1.1	2.0	1.3	0.8		1.5	1.3	1.4	5.3	1.4	1.4	1.3
220969	LabWest	0.01	22300	3.2	X	45.2	0.8	0.2	206	X	66	6.7	33	2.2	7.9	3.14	1.27
220969	Genalysis	X	9306	2	X	38	0.39	0.18	300	0.02	39.07	4.8	27	0.92	5.6	2.08	0.99

Appendix 3 – Table 3.5. Com

Element		Eu	Fe	Ga	Gd	Ge	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL LabWest		0.02	100	0.05	0.05	0.05	0.05	0.02	0.01	10	0.05	0.5	0.02	10	2	0.1	10
LabWest scheme		MAR04_R	MAR04_OES	MAR04_MS	MAR04_R	MAR04_MS	MAR04_MS	MAR04_R	MAR04_MS	MAR04_OES	MAR04_MS	MAR04_OES	MAR04_R	MAR04_OES	MAR04_OES	MAR04_MS	MAR04_OES
220605	LabWest	0.57	22600	9.22	3.52	0.17	X	0.36	0.04	3120	23.1	11.9	0.1	3520	193	0.3	78
220605	Genalysis	0.44	21200	4.98	1.83		0.04	0.25	0.03	2626	10.08	5.7	0.07	3000	189	0.2	300
(LW/G)		1.3	1.1	1.9	1.9			1.4	1.3	1.2	2.3	2.1	1.4	1.2	1.0	1.5	0.3
220607	LabWest	1.05	35200	15.5	5.84	0.49	X	0.66	0.06	2270	34.9	28.4	0.2	1220	466	0.6	89
220607	Genalysis	0.85	30200	8.2	4.09		0.04	0.56	4	1225	22.2	11.1	0.17	900	456	0.7	200
(LW/G)		1.2	1.2	1.9	1.4			1.2	0.0	1.9	1.6	2.6	1.2	1.4	1.0	0.9	0.4
220613	LabWest	1.48	50700	17.9	7.57	0.63	X	0.84	0.08	3680	42	48.4	0.24	2300	470	1.3	227
220613	Genalysis	1.18	44800	7.55	5		0.04	0.65	0.05	2157	27.53	12.2	0.2	1600	507	1	500
(LW/G)		1.3	1.1	2.4	1.5			1.3	1.6	1.7	1.5	4.0	1.2	1.4	0.9	1.3	0.5
220616	LabWest	0.8	45700	17.6	4.55	0.57	X	0.54	0.06	6010	30.7	42.6	0.18	4950	649	0.5	153
220616	Genalysis	0.71	39300	9.81	3.45		0.06	0.44	0.04	4117	21.83	24.1	0.14	4000	616	0.2	300
(LW/G)		1.1	1.2	1.8	1.3			1.2	1.5	1.5	1.4	1.8	1.3	1.2	1.1	2.5	0.5
220619	LabWest	0.99	26000	10.9	5.63	0.4	X	0.62	0.04	1310	35.1	17.1	0.18	625	302	0.4	50
220619	Genalysis	0.87	23700	5.64	3.83		0.04	0.52	0.03	684	23.67	5.6	0.15	400	304	0.4	200
(LW/G)		1.1	1.1	1.9	1.5			1.2	1.3	1.9	1.5	3.1	1.2	1.6	1.0	1.0	0.3
220624	LabWest	0.98	19800	7.39	6.06	0.33	X	0.54	0.03	1950	37.5	9.4	0.14	1030	161	0.4	58
220624	Genalysis	0.71	17900	4.13	3.64		0.04	0.43	0.02	995	23.78	4.2	0.12	700	146	0.4	200
(LW/G)		1.4	1.1	1.8	1.7			1.3	1.5	2.0	1.6	2.2	1.2	1.5	1.1	1.0	0.3
220625	LabWest	0.9	44200	22.2	4.66	0.47	X	0.58	0.08	3640	28.2	30.7	0.18	4110	231	0.4	100
220625	Genalysis	0.82	38400	8.74	3.53		0.05	0.53	0.04	2417	21.4	11.4	0.16	2500	239	0.5	200
(LW/G)		1.1	1.2	2.5	1.3			1.1	2.0	1.5	1.3	2.7	1.1	1.6	1.0	0.8	0.5
220644	LabWest	0.58	40400	15.6	3.13	0.64	X	0.38	0.06	11200	18.9	38.7	0.13	8320	278	0.5	9020
220644	Genalysis	0.46	35400	10.01	2.01		0.01	0.31	0.04	11115	11.21	23.1	0.11	8400	272	0.3	10000
(LW/G)		1.3	1.1	1.6	1.6			1.2	1.5	1.0	1.7	1.7	1.2	1.0	1.0	1.7	0.9
220659	LabWest	1.14	46700	9.05	5.77	0.33	X	0.74	0.06	1820	23	9.1	0.23	1050	372	1	57
220659	Genalysis	1.01	36200	9.2	4.45		0.02	0.64	0.05	1738	23.43	12.7	0.22	900	351	0.4	500
(LW/G)		1.1	1.3	1.0	1.3			1.2	1.2	1.0	1.0	0.7	1.0	1.2	1.1	2.5	0.1
220709	LabWest	0.67	18700	5.35	4.8	0.35	X	0.42	0.02	718	28.8	5.9	0.11	373	121	0.2	29
220709	Genalysis	0.51	16700	3.58	2.34		0.02	0.31	0.02	369	14.64	2.2	0.08	200	95	0.3	100
(LW/G)		1.3	1.1	1.5	2.1			1.4	1.0	1.9	2.0	2.7	1.4	1.9	1.3	0.7	0.3
220727	LabWest	0.84	36800	17.2	4.34	0.38	X	0.46	0.07	3610	29.8	27.7	0.15	2970	408	0.6	458
220727	Genalysis	0.55	31900	8.16	2.51		X	0.33	0.05	2261	16.09	10.7	0.12	2000	449	0.5	600
(LW/G)		1.5	1.2	2.1	1.7			1.4	1.4	1.6	1.9	2.6	1.3	1.5	0.9	1.2	0.8
220805	LabWest	0.54	21400	6.6	4.86	0.36	X	0.38	0.03	788	32.7	7.6	0.09	379	118	0.3	26
220805	Genalysis	0.36	19400	3.77	2.02		0.03	0.22	0.01	446	14.49	2.9	0.06	300	91	0.3	200
(LW/G)		1.5	1.1	1.8	2.4			1.7	3.0	1.8	2.3	2.6	1.5	1.3	1.3	1.0	0.1
220808	LabWest	0.61	25900	9.14	4.17	0.29	X	0.4	0.05	941	27	11.5	0.12	493	221	0.5	32
220808	Genalysis	0.42	22500	4.68	1.98		0.02	0.29	0.04	410	11.1	3.1	0.09	300	194	0.5	200
(LW/G)		1.5	1.2	2.0	2.1			1.4	1.3	2.3	2.4	3.7	1.3	1.6	1.1	1.0	0.2
220824	LabWest	0.65	27500	11.9	3.69	0.29	X	0.4	0.05	7670	23.1	19	0.12	8360	166	0.4	262
220824	Genalysis	0.45	24500	6.17	2		0.04	0.26	0.02	6957	10.5	10.4	0.09	7400	158	0.2	500
(LW/G)		1.4	1.1	1.9	1.8			1.5	2.5	1.1	2.2	1.8	1.3	1.1	1.1	2.0	0.5
220877	LabWest	0.9	50700	21	4.77	0.69	X	0.54	0.08	5960	31.2	36.8	0.17	3230	383	0.7	111
220877	Genalysis	0.64	46100	11.24	3.04		0.03	0.43	0.05	4508	16.45	16	0.14	2300	393	0.7	200
(LW/G)		1.4	1.1	1.9	1.6			1.3	1.6	1.3	1.9	2.3	1.2	1.4	1.0	1.0	0.6
220922	LabWest	1.1	28600	13.8	5.76	0.55	X	0.64	0.05	2630	33.5	22.2	0.18	2580	233	0.8	54
220922	Genalysis	0.96	20900	4.45	3.98		0.02	0.52	0.02	1518	27.49	6	0.16	1300	247	0.6	300
(LW/G)		1.1	1.4	3.1	1.4			1.2	2.5	1.7	1.2	3.7	1.1	2.0	0.9	1.3	0.2
220946	LabWest	1.27	34300	17.7	7.25	0.69	X	0.76	0.06	3510	42.5	29.4	0.22	1550	325	0.6	96
220946	Genalysis	0.94	30300	7.76	4.3		0.04	0.6	0.04	1256	24.1	10.7	0.18	800	321	0.5	200
(LW/G)		1.4	1.1	2.3	1.7			1.3	1.5	2.8	1.8	2.7	1.2	1.9	1.0	1.2	0.5
220969	LabWest	0.83	21100	8.41	5.39	0.41	X	0.5	0.03	869	35.6	10.9	0.14	388	148	0.3	38
220969	Genalysis	0.57	19500	4.02	2.87		0.02	0.38	0.03	408	18.49	3.6	0.1	300	136	0.4	200

Appendix 3 – Table 3.5. Com

	Element	Nb	Nd	Ni	P	Pb	Pr	Rb	Re	S	Sb	Sc	Se	Sm	Sn	Sr	Tb
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	DL LabWest	0.5	0.02	2	5	0.2	0.05	0.1	0.01	50	0.1	1	0.05	0.02	0.2	0.1	0.02
	LabWest scheme	MAR04_MS	MAR04_R	MAR04_MS	MAR04_OES	MAR04_MS	MAR04_R	MAR04_MS	MAR04_MS	MAR04_OES	MAR04_MS	MAR04_OES	MAR04_MS	MAR04_R	MAR04_MS	MAR04_OES	MAR04_R
220605	LabWest	0.8	23.1	8	198	9.8	6.32	40.8	X	164	0.3	5	3.22	4.23	1.8	79.7	0.4
220605	Genalysis	0.2	11.12	7.6	144	7.1	2.94	21.35	-0.001	223	0.21	3.6	-1	2.23	1.15	92.84	0.28
(LW/G)		4.0	2.1	1.1	1.4	1.4	2.1	1.9		0.7	1.4	1.4	-3.2	1.9	1.6	0.9	1.4
220607	LabWest	0.6	34.9	19	202	15.7	9.48	53.7	X	96	0.2	10	0.57	6.54	2.7	30.9	0.66
220607	Genalysis	0.18	23.71	11	138	10.9	6.23	22.88	-0.001	192	0.16	7.5	-1	4.87	2.12	18.92	0.57
(LW/G)		3.3	1.5	1.7	1.5	1.4	1.5	2.3		0.5	1.3	1.3	-0.6	1.3	1.3	1.6	1.2
220613	LabWest	0.9	45	24	323	19.4	12	66.4	X	90	0.4	11	0.76	8.49	3	40.4	0.87
220613	Genalysis	0.19	31.93	13.5	247	14.2	7.56	32.7	-0.001	130	0.28	7.2	-1	6.39	2.3	20.74	0.68
(LW/G)		4.7	1.4	1.8	1.3	1.4	1.6	2.0		0.7	1.4	1.5	-0.8	1.3	1.3	1.9	1.3
220616	LabWest	X	28.7	29	206	17.3	7.69	81.3	X	206	0.3	10	0.46	5.24	2.9	44.6	0.53
220616	Genalysis	X	21.68	19.1	126	14.6	5.52	42.94	X	186	X	7.6	X	4.16	2.28	35.62	0.48
(LW/G)			1.3	1.5	1.6	1.2	1.4	1.9		1.1		1.3		1.3	1.3	1.3	1.1
220619	LabWest	0.6	35.7	13	141	10.8	9.47	33.1	X	72	0.2	7	0.48	6.54	1.9	16	0.63
220619	Genalysis	0.16	23.81	6.6	88	8.2	6.07	13.67	X	144	0.1	6.1	X	4.51	1.5	9.52	0.52
(LW/G)		3.8	1.5	2.0	1.6	1.3	1.6	2.4		0.5	2.0	1.1		1.5	1.3	1.7	1.2
220624	LabWest	0.7	39.8	10	167	11.2	10.6	26.3	X	84	0.2	6	0.48	7.29	1.7	17.8	0.63
220624	Genalysis	0.24	23.95	5.8	122	7.4	6.29	12.38	X	142	0.16	4.3	X	4.55	1.32	9.99	0.5
(LW/G)		2.9	1.7	1.7	1.4	1.5	1.7	2.1		0.6	1.3	1.4		1.6	1.3	1.8	1.3
220625	LabWest	0.6	27.2	23	162	20.7	7.33	56	X	180	0.3	13	0.43	5.15	3.9	38.5	0.55
220625	Genalysis	0.07	21.98	12	128	18.5	5.66	25.51	X	218	0.18	7.9	X	4.34	2.87	33.79	0.53
(LW/G)		8.6	1.2	1.9	1.3	1.1	1.3	2.2		0.8	1.7	1.6		1.2	1.4	1.1	1.0
220644	LabWest	X	18.1	57	161	12.9	4.94	74.6	X	660	0.3	9	0.39	3.4	2.7	38.3	0.36
220644	Genalysis	0.03	11.61	39	140	10.4	3.05	49.51	X	720	0.15	7.5	X	2.34	2.1	37.02	0.3
(LW/G)			1.6	1.5	1.2	1.2	1.6	1.5		0.9	2.0	1.2		1.5	1.3	1.0	1.2
220659	LabWest	X	30.7	11	176	11.7	7.48	39.2	X	76	0.2	11	0.61	6.12	2.4	12.9	0.71
220659	Genalysis	0.03	26.55	11.1	130	9.9	6.27	35.41	X	128	3.74	10.2	X	5.53	2.28	12.41	0.62
(LW/G)			1.2	1.0	1.4	1.2	1.2	1.1		0.6	0.1	1.1		1.1	1.1	1.0	1.1
220709	LabWest	0.7	30.5	7	88	7.3	8	16.6	X	X	0.1	4	0.34	5.68	1.2	9.2	0.5
220709	Genalysis	0.21	15.19	4	63	5.1	3.85	8.26	X	116	0.09	3.3	X	2.83	0.95	5.94	0.32
(LW/G)		3.3	2.0	1.8	1.4	1.4	2.1	2.0			1.1	1.2		2.0	1.3	1.5	1.6
220727	LabWest	X	26.4	19	156	23.7	7.05	61.4	X	91	0.4	10	1.03	4.89	3	41.1	0.47
220727	Genalysis	0.06	16.06	10.3	110	15.6	3.71	28.36	X	133	0.24	6.5	X	3.07	2.39	33.61	0.33
(LW/G)			1.6	1.8	1.4	1.5	1.9	2.2		0.7	1.7	1.5		1.6	1.3	1.2	1.4
220805	LabWest	0.8	32.7	8	98	8.8	8.75	17	X	64	0.2	4	0.42	5.82	1.4	9.5	0.48
220805	Genalysis	0.28	14.6	4.6	71	6.2	3.79	8.64	X	81	0.11	3.6	X	2.62	1.23	5.15	0.29
(LW/G)		2.9	2.2	1.7	1.4	1.4	2.3	2.0		0.8	1.8	1.1		2.2	1.1	1.8	1.7
220808	LabWest	0.9	25.9	15	104	13	6.97	22.7	X	76	0.2	7	0.42	4.78	1.9	12.5	0.45
220808	Genalysis	0.25	11.74	11	84	8.6	3.13	8.75	X	192	0.15	6	X	2.45	1.43	4.97	0.28
(LW/G)		3.6	2.2	1.4	1.2	1.5	2.2	2.6		0.4	1.3	1.2		2.0	1.3	2.5	1.6
220824	LabWest	1	23.2	12	244	12.3	6.37	60.9	X	848	0.3	6	5.1	4.3	2.3	339	0.42
220824	Genalysis	0.23	11.68	9.1	181	7.7	3.11	33.99	X	824	0.08	4.5	X	2.26	1.46	396.14	0.28
(LW/G)		4.3	2.0	1.3	1.3	1.6	2.0	1.8		1.0	3.8	1.3		1.9	1.6	0.9	1.5
220877	LabWest	0.6	29	24	236	20.1	7.82	87.9	X	318	0.4	13	0.45	5.32	3.9	30.9	0.54
220877	Genalysis	0.07	17.1	11.6	166	13.6	4.62	49.29	X	356	0.29	9.6	X	3.42	3.02	12.96	0.45
(LW/G)		8.6	1.7	2.1	1.4	1.5	1.7	1.8		0.9	1.4	1.4		1.6	1.3	2.4	1.2
220922	LabWest	X	37.5	17	161	14.2	9.83	33.7	X	58	0.2	8	0.38	6.73	2.7	25.3	0.65
220922	Genalysis	0.07	28.7	7.5	125	11.4	7.1	11.66	X	118	0.11	4.6	X	5.34	1.73	22.21	0.52
(LW/G)			1.3	2.3	1.3	1.2	1.4	2.9		0.5	1.8	1.7		1.3	1.6	1.1	1.3
220946	LabWest	0.7	43.8	23	198	15.4	11.4	64.6	X	83	0.2	10	0.51	8.06	3.1	35.1	0.78
220946	Genalysis	0.12	26.01	10.2	128	10	6.73	21.2	X	149	0.14	7.3	X	4.98	2.26	21.2	0.61
(LW/G)		5.8	1.7	2.3	1.5	1.5	1.7	3.0		0.6	1.4	1.4		1.6	1.4	1.7	1.3
220969	LabWest	0.7	35.6	10	117	14	9.36	20.1	X	56	0.2	5	0.38	6.46	1.5	11.7	0.57
220969	Genalysis	0.2	17.94	4.3	83	7.7	4.81	9.48	X	182	0.12	4.7	X	3.51	1.22	4.39	0.41

Appendix 3 – Table 3.5. Com

	Element	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	DL LabWest	0.2	0.02	10	0.1	0.05	0.02	2	0.1	0.05	0.05	0.2	1
	LabWest scheme	MAR04_MS	MAR04_MS	MAR04_OES	MAR04_MS	MAR04_R	MAR04_MS	MAR04_OES	MAR04_MS	MAR04_MS	MAR04_R	MAR04_MS	MAR04_MS
220605	LabWest	X	12.6	594	0.3	0.12	0.99	57	0.3	8.11	0.72	25.9	14
220605	Genalysis	-0.05	4.7	24	0.11	0.09	0.43	50	-0.05	6.28	0.56	17	1.9
(LW/G)			2.7	24.8	2.7	1.3	2.3	1.1	-6.0	1.3	1.3	1.5	7.4
220607	LabWest	X	14.5	605	0.5	0.22	1.8	70	0.3	14.9	1.38	25.5	20
220607	Genalysis	-0.05	10.41	181	0.21	0.2	1.59	68	-0.05	14.67	1.22	14	6.3
(LW/G)			1.4	3.3	2.4	1.1	1.1	1.0	-6.0	1.0	1.1	1.8	3.2
220613	LabWest	X	17.9	684	0.5	0.28	1.57	144	0.4	17.9	1.7	51.3	22
220613	Genalysis	-0.05	12.37	197	0.27	0.21	1.27	124	-0.05	16.39	1.3	31	4
(LW/G)			1.4	3.5	1.9	1.3	1.2	1.2	-8.0	1.1	1.3	1.7	5.5
220616	LabWest	X	11.1	489	0.5	0.19	1.2	80	0.3	13.6	1.21	42.6	23
220616	Genalysis	X	10.16	31	0.27	0.16	1.13	52	X	13.71	1.02	25	6.8
(LW/G)			1.1	15.8	1.9	1.2	1.1	1.5		1.0	1.2	1.7	3.4
220619	LabWest	X	13	678	0.3	0.21	1.52	54	0.3	14.2	1.23	15.9	17
220619	Genalysis	X	8.63	175	0.11	0.18	1.32	55	X	14.48	1.13	8	6
(LW/G)			1.5	3.9	2.7	1.2	1.2	1.0		1.0	1.1	2.0	2.8
220624	LabWest	X	15.5	721	0.2	0.17	1.65	42	0.2	11.2	0.98	18.1	13
220624	Genalysis	X	9.96	213	0.1	0.13	1.41	39	X	10.5	0.86	10	3.5
(LW/G)			1.6	3.4	2.0	1.3	1.2	1.1		1.1	1.1	1.8	3.7
220625	LabWest	X	12.8	385	0.4	0.21	1.13	108	0.4	12.8	1.31	30.1	24
220625	Genalysis	X	12.11	17	0.19	0.18	1.04	95	X	12.73	1.14	17	6.1
(LW/G)			1.1	22.6	2.1	1.2	1.1	1.1		1.0	1.1	1.8	3.9
220644	LabWest	X	9.22	411	0.4	0.14	1.72	69	0.3	8.49	0.88	67.8	24
220644	Genalysis	X	8.46	51	0.24	0.12	1.63	54	X	7.65	0.76	35	8.4
(LW/G)			1.1	8.1	1.7	1.2	1.1	1.3		1.1	1.2	1.9	2.9
220659	LabWest	X	14.4	454	0.4	0.26	2.47	85	0.1	15.8	1.6	18.4	14
220659	Genalysis	X	13.79	138	0.29	0.22	2.25	65	X	16.54	1.35	16	7.8
(LW/G)			1.0	3.3	1.4	1.2	1.1	1.3		1.0	1.2	1.2	1.8
220709	LabWest	X	13.1	745	0.2	0.13	1.36	40	0.1	8.26	0.76	12.4	10
220709	Genalysis	X	7.12	247	0.09	0.1	0.84	40	X	7.48	0.69	7	5.6
(LW/G)			1.8	3.0	2.2	1.3	1.6	1.0		1.1	1.1	1.8	1.8
220727	LabWest	X	10.9	358	0.5	0.17	1.23	85	0.4	10.3	1.03	28.3	24
220727	Genalysis	0.06	8.79	68	0.23	0.12	1.08	73	X	9.23	0.75	14	9.5
(LW/G)			1.2	5.3	2.2	1.4	1.1	1.2		1.1	1.4	2.0	2.5
220805	LabWest	X	18.4	839	0.2	0.11	1.66	45	0.2	7.71	0.62	13.7	12
220805	Genalysis	X	9.53	286	0.07	0.08	0.87	47	X	5.71	0.5	7	8.1
(LW/G)			1.9	2.9	2.9	1.4	1.9	1.0		1.4	1.2	2.0	1.5
220808	LabWest	X	17.1	750	0.2	0.14	1.27	93	0.2	8.29	0.81	17.7	20
220808	Genalysis	X	10.55	258	0.08	0.11	0.74	98	X	6.75	0.66	10	11.1
(LW/G)			1.6	2.9	2.5	1.3	1.7	0.9		1.2	1.2	1.8	1.8
220824	LabWest	X	11.7	540	0.4	0.14	4.16	55	0.3	8.98	0.87	33.4	16
220824	Genalysis	X	5.75	25	0.16	0.09	3.24	41	X	6.63	0.63	22	4.8
(LW/G)			2.0	21.6	2.5	1.6	1.3	1.3		1.4	1.4	1.5	3.3
220877	LabWest	X	15.4	520	0.6	0.19	1.64	114	0.5	11.2	1.22	43.9	31
220877	Genalysis	0.06	13.26	87	0.36	0.15	1.54	99	X	10.19	0.98	24	10
(LW/G)			1.2	6.0	1.7	1.3	1.1	1.2		1.1	1.2	1.8	3.1
220922	LabWest	X	11.2	388	0.3	0.21	0.92	60	0.3	14.1	1.28	25.2	16
220922	Genalysis	X	6.44	34	0.11	0.17	0.73	51	X	14.18	0.99	11	1.7
(LW/G)			1.7	11.4	2.7	1.2	1.3	1.2		1.0	1.3	2.3	9.4
220946	LabWest	X	14.9	635	0.5	0.26	2.46	68	0.3	16.4	1.55	28.7	27
220946	Genalysis	X	10.76	143	0.21	0.2	2.22	60	X	15.35	1.28	11	7.3
(LW/G)			1.4	4.4	2.4	1.3	1.1	1.1		1.1	1.2	2.6	3.7
220969	LabWest	X	16	738	0.2	0.16	1.51	49	0.2	9.98	0.97	14.1	15
220969	Genalysis	X	10.17	348	0.08	0.13	1.06	52	X	9.04	0.78	8	7.9

Element		Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er
Unit		ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL LabWest		0.01	10	0.5	0.5	0.2	0.2	0.1	10	0.05	0.05	0.2	2	0.1	0.2	0.02	0.05
LabWest scheme		MAR04_MS	MAR04_OES	MAR04_MS	WAR25	MAR04_OES	MAR04_MS	MAR04_MS	MAR04_OES	MAR04_MS	MAR04_MS	MAR04_MS	MAR04_OES	MAR04_MS	MAR04_MS	MAR04_R	MAR04_R
(LW/G)			2.4	1.6		1.2	2.1	1.1	0.7		1.7	1.4	1.2	2.4	1.4	1.5	1.3
221041	LabWest	X	42200	9.7	X	108	1.9	0.4	552	X	69.1	13.1	50	4.5	13	3.83	1.71
221041	Genalysis	X	16861	6	1	75	0.94	0.34	700	0.02	45.49	9.9	44	1.17	8.6	2.48	1.25
(LW/G)			2.5	1.6		1.4	2.0	1.2	0.8		1.5	1.3	1.1	3.8	1.5	1.5	1.4
221058	LabWest	0.02	38000	4.7	10.7	150	2.1	0.3	663	X	76.7	12.8	43	6.4	14.6	3.91	1.69
221058	Genalysis	X	12002	3	63	132	1.1	0.3	800	0.01	49.76	10.7	30	1.11	10.6	2.7	1.34
(LW/G)			3.2	1.6	0.2	1.1	1.9	1.0	0.8		1.5	1.2	1.4	5.8	1.4	1.4	1.3
221108	LabWest	0.02	40300	14.4	6.2	132	1.8	0.4	883	X	60.4	10.3	51	4.9	14.7	3.29	1.5
221108	Genalysis	X	11765	10	X	119	0.82	0.31	1100	0.01	38.16	6.9	41	0.96	10.1	2.38	1.17
(LW/G)			3.4	1.4		1.1	2.2	1.3	0.8		1.6	1.5	1.2	5.1	1.5	1.4	1.3
221124	LabWest	X	40000	12.6	0.7	88.3	1.7	0.4	457	X	80.3	16.5	49	4.4	14	3.01	1.31
221124	Genalysis	X	16918	9	3	75	0.88	0.33	600	0.02	61.04	14.2	40	1.18	11.1	2.18	1.07
(LW/G)			2.4	1.4	0.2	1.2	1.9	1.2	0.8		1.3	1.2	1.2	3.7	1.3	1.4	1.2
221139	LabWest	0.04	54200	8.4	1.7	243	2.4	0.4	1850	X	138	11.7	62	6	26.7	5.45	2.24
221139	Genalysis	X	25985	5	3	227	1.16	0.29	2200	X	96.52	8.7	47	1.19	18.6	3.74	1.73
(LW/G)			2.1	1.7	0.6	1.1	2.1	1.4	0.8		1.4	1.3	1.3	5.0	1.4	1.5	1.3
221169	LabWest	X	19200	3.6	X	31.2	0.7	0.2	266	X	77.3	6.3	32	1.9	8.2	4.13	1.7
221169	Genalysis	X	6713	2	10	25	0.44	0.2	400	X	46.21	4.6	27	0.75	6.1	2.92	1.34
(LW/G)			2.9	1.8	1.2	1.2	1.6	1.0	0.7		1.7	1.4	1.2	2.5	1.3	1.4	1.3
221170	LabWest	X	21700	2.6	X	43.9	1.2	0.2	717	X	65.2	8.7	31	2.6	10.8	3.54	1.52
221170	Genalysis	X	7781	2	1	35	0.71	0.21	1000	0.02	42.46	6.8	24	0.86	7.9	2.56	1.3
(LW/G)			2.8	1.3		1.3	1.7	1.0	0.7		1.5	1.3	1.3	3.0	1.4	1.4	1.2
221175	LabWest	0.03	43400	5.1	0.8	144	2.1	0.4	1850	X	61.8	12.5	50	5	21.2	3.79	1.78
221175	Genalysis	X	16613	3	1	136	1.03	0.31	2400	0.02	50.8	9.4	42	1	15.3	3.02	1.49
(LW/G)			2.6	1.7	0.8	1.1	2.0	1.3	0.8		1.2	1.3	1.2	5.0	1.4	1.3	1.2
221216	LabWest	0.02	50200	6.7	1	106	2.3	0.4	818	X	64.7	13.4	50	6.4	15.1	3.23	1.48
221216	Genalysis	X	21440	5	3	33	1.14	0.33	3300	0.01	35.62	10.5	41	1.89	17.5	2.1	1.07
(LW/G)			2.3	1.3	0.3	3.2	2.0	1.2	0.2		1.8	1.3	1.2	3.4	0.9	1.5	1.4
221244	LabWest	X	24900	8.4	0.7	120	1.3	0.5	807	X	55.1	11.4	44	3.4	11.3	2.43	1.15
221244	Genalysis	X	19618	4	2	107	0.9	0.36	1000	X	39.95	10.1	37	1.14	6.3	1.76	0.95
(LW/G)			1.3	2.1	0.4	1.1	1.4	1.4	0.8		1.4	1.1	1.2	3.0	1.8	1.4	1.2
221323	LabWest	X	25500	4.6	1.9	73.8	1.4	0.3	622	X	34.6	10	38	3.9	10.9	2.03	0.93
221323	Genalysis	X	15738	3	X	72	0.82	0.3	690	X	27.87	8.5	35	1.17	7.9	1.73	0.79
(LW/G)			1.6	1.5		1.0	1.7	1.0	0.9		1.2	1.2	1.1	3.3	1.4	1.2	1.2
221387	LabWest	0.02	27800	5.8	1.8	45.1	1.2	0.3	4130	X	44.5	7	46	3.5	14.6	2.28	0.97
221387	Genalysis	X	13632	4	2	35	0.63	0.24	4900	0.02	27.06	4.7	35	1.08	9.5	1.48	0.71
(LW/G)			2.0	1.5	0.9	1.3	1.9	1.3	0.8		1.6	1.5	1.3	3.2	1.5	1.5	1.4
223453	D220922	X	23000	3.3	X	95.2	1.6	0.3	1840	X	57.6	9.1	38	3.6	15.3	3.65	1.64
220922		0.02	36300	3.3	X	97	1.8	0.3	1920	X	63.9	9.6	45	4.3	15.2	3.69	1.66
HRD 5%			-22				-6				-5		-8	-9			
223454	D220824	X	28600	7.4	X	123	1.1	0.3	81500	X	42.4	6.5	36		19.8	2.39	1.09
220824		0.02	32400	7.1	0.6	123	1	0.3	88500	X	44.4	6.3	37	4	19	2.39	1.08
HRD 5%			-6														
223450	OREAS 24b	0.08	27800	8.5	2.4	170	2.4	0.7	4310	X	76	15.7	108	9.8	38.6	3.88	1.66
Cert			31500	7.96		146		0.73	4610			15.7	106		36.4		
HRD 5%			-6			8											
223451	BB1	0.03	19400	3.8	14.5	69.9	0.4	X	14900	0.09	21.7	13.3	25	0.2	76.9	5.55	2.8
223452	OREAS 24b	0.07	26500	8.7	1.3	166	2.5	0.7	4260	X	75.2	16.1	104	9.9	39.9	3.94	1.66
Cert			31500	7.96		146		0.73	4610			15.7	106		36.4		
HRD 5%			-9			6											

Element		Eu	Fe	Ga	Gd	Ge	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL LabWest		0.02	100	0.05	0.05	0.05	0.05	0.02	0.01	10	0.05	0.5	0.02	10	2	0.1	10
LabWest scheme		MAR04_R	MAR04_OES	MAR04_MS	MAR04_R	MAR04_MS	MAR04_MS	MAR04_R	MAR04_MS	MAR04_OES	MAR04_MS	MAR04_OES	MAR04_R	MAR04_OES	MAR04_OES	MAR04_MS	MAR04_OES
(LW/G)		1.5	1.1	2.1	1.9			1.3	1.0	2.1	1.9	3.0	1.4	1.3	1.1	0.8	0.2
221041	LabWest	1.09	45200	16.9	5.95	0.49	X	0.66	0.08	1990	37.8	26.6	0.2	1000	396	0.9	79
221041	Genalysis	0.77	39600	8.17	3.4		0.02	0.47	0.06	1021	20.39	11.2	0.15	600	437	0.6	300
(LW/G)		1.4	1.1	2.1	1.8			1.4	1.3	1.9	1.9	2.4	1.3	1.7	0.9	1.5	0.3
221058	LabWest	1.09	35400	13.6	6.5	0.68	X	0.66	0.05	4070	38.6	24.9	0.19	2040	199	0.5	85
221058	Genalysis	0.83	30300	6.02	3.83		0.03	0.52	0.03	1344	21.14	7.6	0.15	800	183	0.5	X
(LW/G)		1.3	1.2	2.3	1.7			1.3	1.7	3.0	1.8	3.3	1.3	2.6	1.1	1.0	
221108	LabWest	0.94	44500	16.9	5.21	0.48	X	0.57	0.07	2050	33.4	35	0.17	1300	358	0.7	102
221108	Genalysis	0.71	38000	7.85	3.11		0.02	0.43	0.05	974	16.98	7.6	0.13	700	353	0.6	100
(LW/G)		1.3	1.2	2.2	1.7			1.3	1.4	2.1	2.0	4.6	1.3	1.9	1.0	1.2	1.0
221124	LabWest	0.81	43400	15.8	5	0.46	X	0.49	0.07	1790	31.5	30.9	0.16	900	460	1	70
221124	Genalysis	0.61	40100	8.64	2.8		0.04	0.39	0.05	894	15.3	12.3	0.13	600	476	0.7	300
(LW/G)		1.3	1.1	1.8	1.8			1.3	1.4	2.0	2.1	2.5	1.2	1.5	1.0	1.4	0.2
221139	LabWest	1.97	41800	20.1	9.82	0.7	X	0.89	0.1	7110	71.9	31.5	0.24	6840	308	0.4	2540
221139	Genalysis	1.48	34700	8.7	6.03		0.16	0.63	0.05	4518	40.49	13.4	0.16	5400	308	0.2	2800
(LW/G)		1.3	1.2	2.3	1.6			1.4	2.0	1.6	1.8	2.4	1.5	1.3	1.0	2.0	0.9
221169	LabWest	1.07	22600	8.29	7.11	0.39	X	0.68	0.04	743	39.4	10	0.18	353	175	0.4	33
221169	Genalysis	0.83	23200	4.5	3.83		0.01	0.48	0.02	374	21.23	3	0.15	200	167	0.5	200
(LW/G)		1.3	1.0	1.8	1.9			1.4	2.0	2.0	1.9	3.3	1.2	1.8	1.0	0.8	0.2
221170	LabWest	0.95	22700	9.02	6.15	0.3	X	0.6	0.03	1170	35.5	14.2	0.18	632	234	0.4	32
221170	Genalysis	0.74	21400	4.77	3.46		0.03	0.5	0.02	594	19.36	4.8	0.16	400	226	0.5	100
(LW/G)		1.3	1.1	1.9	1.8			1.2	1.5	2.0	1.8	3.0	1.1	1.6	1.0	0.8	0.3
221175	LabWest	1.08	39400	16.4	5.9	0.47	X	0.67	0.06	3360	33.1	30	0.21	3230	471	0.7	68
221175	Genalysis	0.92	35800	6.69	3.98		0.04	0.54	0.05	2027	22.3	10.8	0.18	1900	487	0.6	200
(LW/G)		1.2	1.1	2.5	1.5			1.2	1.2	1.7	1.5	2.8	1.2	1.7	1.0	1.2	0.3
221216	LabWest	0.94	42800	19.8	5.03	0.41	X	0.55	0.07	2890	33.5	35.3	0.18	1460	300	0.8	81
221216	Genalysis	0.65	38800	9.89	2.87		0.02	0.41	0.04	7780	14.57	9.1	0.12	4500	551	0.5	700
(LW/G)		1.4	1.1	2.0	1.8			1.3	1.8	0.4	2.3	3.9	1.5	0.3	0.5	1.6	0.1
221244	LabWest	0.69	35300	12.7	4.03	0.2	X	0.43	0.07	1480	33.6	18	0.13	909	339	0.7	40
221244	Genalysis	0.52	32800	9.29	2.39		0.04	0.32	0.05	1157	20.76	12.7	0.11	700	344	0.3	300
(LW/G)		1.3	1.1	1.4	1.7			1.3	1.4	1.3	1.6	1.4	1.2	1.3	1.0	2.3	0.1
221323	LabWest	0.57	33200	12.4	3.03	0.15	X	0.35	0.05	1410	18.9	20	0.11	771	197	0.7	34
221323	Genalysis	0.48	33600	8.18	2.2		0.03	0.3	0.05	953	12.81	8.7	0.1	500	221	0.5	100
(LW/G)		1.2	1.0	1.5	1.4			1.2	1.0	1.5	1.5	2.3	1.1	1.5	0.9	1.4	0.3
221387	LabWest	0.61	30600	11.7	3.87	0.41	X	0.38	0.05	4030	24.6	20.8	0.1	2980	156	0.5	59
221387	Genalysis	0.42	26900	6.11	2.12		0.05	0.26	0.03	3084	13.43	10.5	0.08	1900	136	0.4	300
(LW/G)		1.5	1.1	1.9	1.8			1.5	1.7	1.3	1.8	2.0	1.3	1.6	1.1	1.3	0.2
223453	D220922	1.09	26300	10.4	5.75	0.33	X	0.63	0.04	2270	29.9	15.8	0.18	2360	230	0.8	27
220922		1.1	28600	13.8	5.76	0.55	X	0.64	0.05	2630	33.5	22.2	0.18	2580	233	0.8	54
HRD 5%				-14		-25			-11	-7	-6	-17					-33
223454	D220824	0.65	26300	11.6	3.76	0.24	X	0.41	0.04	7320	22.1	17.5	0.12	8720	158	0.4	246
220824		0.65	27500	11.9	3.69	0.29	X	0.4	0.05	7670	23.1	19	0.12	8360	166	0.4	262
HRD 5%						-9			-11								
223450	OREAS 24b	1.01	38700	12.4	6.72	0.64	X	0.64	0.05	10400	39.7	42.4	0.22	14100	344	3.8	1110
Cert			39300	10.8						11700		45.6		13600	350	3.86	1080
HRD 5%				7						-6							
223451	BB1	0.95	36800	8.47	6.31	0.51	X	1.04	0.03	914	9.43	2.8	0.29	6170	346	1.7	6170
223452	OREAS 24b	1.01	37600	12.6	6.7	0.71	X	0.63	0.05	9940	39.2	42.4	0.21	13400	332	4.1	1060
Cert			39300	10.8						11700		45.6		13600	350	3.86	1080
HRD 5%				8						-8							

Element		Nb	Nd	Ni	P	Pb	Pr	Rb	Re	S	Sb	Sc	Se	Sm	Sn	Sr	Tb
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL LabWest		0.5	0.02	2	5	0.2	0.05	0.1	0.01	50	0.1	1	0.05	0.02	0.2	0.1	0.02
LabWest scheme		MAR04_MS	MAR04_R	MAR04_MS	MAR04_OES	MAR04_MS	MAR04_R	MAR04_MS	MAR04_MS	MAR04_OES	MAR04_MS	MAR04_OES	MAR04_MS	MAR04_R	MAR04_MS	MAR04_OES	MAR04_R
(LW/G)		3.5	2.0	2.3	1.4	1.8	1.9	2.1		0.3	1.7	1.1		1.8	1.2	2.7	1.4
221041	LabWest	0.8	35.7	19	201	20.3	9.52	45.7	X	81	0.3	11	0.67	6.59	3.1	24.8	0.67
221041	Genalysis	0.06	20.99	8.4	134	13.9	4.91	20.33	X	129	8.23	8.8	X	3.93	2.27	9.44	0.47
(LW/G)		13.3	1.7	2.3	1.5	1.5	1.9	2.2		0.6	0.0	1.3		1.7	1.4	2.6	1.4
221058	LabWest	0.7	40.6	22	182	15	10.5	57.7	X	94	0.3	8	0.85	7.55	2.3	22.2	0.71
221058	Genalysis	0.24	23.24	11	120	11.3	5.66	16.65	X	149	0.15	6.1	X	4.5	1.67	9.27	0.51
(LW/G)		2.9	1.7	2.0	1.5	1.3	1.9	3.5		0.6	2.0	1.3		1.7	1.4	2.4	1.4
221108	LabWest	0.7	32.5	19	170	16.2	8.44	46.4	X	87	0.3	9	0.57	5.96	2.9	29.8	0.58
221108	Genalysis	0.1	19.25	8.9	110	10.2	4.6	16.12	X	135	0.12	7.1	X	3.65	2.02	14.71	0.42
(LW/G)		7.0	1.7	2.1	1.5	1.6	1.8	2.9		0.6	2.5	1.3		1.6	1.4	2.0	1.4
221124	LabWest	0.7	30.4	22	189	16.4	8.03	39.8	X	105	0.3	9	0.64	5.58	2.7	22.6	0.54
221124	Genalysis	0.06	16.34	12.4	138	11.7	4.25	16.38	X	242	0.13	8.5	X	3.25	2.17	8.77	0.39
(LW/G)		11.7	1.9	1.8	1.4	1.4	1.9	2.4		0.4	2.3	1.1		1.7	1.2	2.6	1.4
221139	LabWest	0.5	68.4	28	252	22.7	19.3	76.7	X	477	0.4	14	0.98	12.3	3.2	63.7	0.98
221139	Genalysis	0.03	51.74	15.6	162	14.2	13.66	30.86	X	444	0.08	9.4	1	9.26	2.13	54.91	0.81
(LW/G)		16.7	1.3	1.8	1.6	1.6	1.4	2.5		1.1	5.0	1.5	1.0	1.3	1.5	1.2	1.2
221169	LabWest	0.9	43.3	9	107	10.7	11	16.7	X	51	0.2	6	0.42	8.04	1.6	9.4	0.76
221169	Genalysis	0.23	23.18	3.9	72	7.3	6.23	8.05	X	123	0.17	5.3	X	4.71	1.28	4.02	0.55
(LW/G)		3.9	1.9	2.3	1.5	1.5	1.8	2.1		0.4	1.2	1.1		1.7	1.3	2.3	1.4
221170	LabWest	0.8	37.3	12	139	11.9	9.39	26.8	X	70	0.2	6	0.66	6.86	1.7	14.5	0.65
221170	Genalysis	0.26	20.92	5.3	96	10.3	5.41	13.33	X	144	0.12	5.9	X	4.14	1.41	8.1	0.5
(LW/G)		3.1	1.8	2.3	1.4	1.2	1.7	2.0		0.5	1.7	1.0		1.7	1.2	1.8	1.3
221175	LabWest	0.6	34.7	25	186	16.2	8.82	68.5	X	79	0.4	9	0.49	6.51	2.9	26.9	0.67
221175	Genalysis	0.11	23.73	12.4	132	12.8	6.31	25.33	X	132	0.22	7.1	X	4.75	2.12	17.76	0.57
(LW/G)		5.5	1.5	2.0	1.4	1.3	1.4	2.7		0.6	1.8	1.3		1.4	1.4	1.5	1.2
221216	LabWest	0.6	30.4	25	184	21.4	8.02	64.9	X	100	0.3	10	0.61	5.58	3.4	26	0.55
221216	Genalysis	0.05	15.73	12.5	102	12.9	4.08	38.82	X	533	0.29	8	X	3.19	2.33	58.33	0.41
(LW/G)		12.0	1.9	2.0	1.8	1.7	2.0	1.7		0.2	1.0	1.3		1.7	1.5	0.4	1.3
221244	LabWest	0.6	23.8	14	161	24.3	6.67	33.3	X	84	0.3	7	0.55	4.18	2.7	23	0.42
221244	Genalysis	X	16.84	9.7	104	17.1	4.58	20.92	X	78	0.03	7	X	3.04	2.37	15.78	0.34
(LW/G)			1.4	1.4	1.5	1.4	1.5	1.6		1.1	10.0	1.0		1.4	1.1	1.5	1.2
221323	LabWest	0.7	18.4	13	144	12.8	5	35.7	X	77	0.2	7	0.51	3.37	2.3	15.1	0.35
221323	Genalysis	0.13	12.99	8	120	10.3	3.31	18.3	X	142	0.08	7.4	X	2.46	2.12	8.95	0.29
(LW/G)		5.4	1.4	1.6	1.2	1.2	1.5	2.0		0.5	2.5	0.9		1.4	1.1	1.7	1.2
221387	LabWest	0.8	24.3	16	179	11.8	6.27	53.6	X	90	0.9	6	0.39	4.43	2.1	22	0.41
221387	Genalysis	0.23	13.23	8.1	128	7.6	3.52	28.31	X	143	0.51	4.3	X	2.6	1.58	17.28	0.29
(LW/G)		3.5	1.8	2.0	1.4	1.6	1.8	1.9		0.6	1.8	1.4		1.7	1.3	1.3	1.4
223453	D220922	0.5	35.9	14	146	13.6	8.93	27	X	54	0.2	6	0.38	6.45	2.3	21.1	0.65
220922		X	37.5	17	161	14.2	9.83	33.7	X	58	0.2	8	0.38	6.73	2.7	25.3	0.65
HRD 5%				-10				-11				-14			-8	-9	
223454	D220824	1	23	12	228	12.1	6.3	57.4	X	882	0.3	6	5.97	4.29	2.2	317	0.43
220824		1	23.2	12	244	12.3	6.37	60.9	X	848	0.3	6	5.1	4.3	2.3	339	0.42
HRD 5%													8				
223450	OREAS 24b	2	42.7	59	590	8.7	10.7	103	X	2090	0.8	9	0.46	7.9	2.5	24.8	0.72
Cert				57		9.23		114				9.51			2.26		
HRD 5%								-5							5		
223451	BB1	0.9	18.3	24	903	2.7	3.9	3.7	X	633	0.2	3	0.52	5.18	0.9	58.8	0.92
223452	OREAS 24b	2	42	60	608	8.7	10.5	106	X	2130	0.8	9	0.48	7.74	2.5	23.7	0.72
Cert				57		9.23		114				9.51			2.26		
HRD 5%															5		

Element		Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL LabWest		0.2	0.02	10	0.1	0.05	0.02	2	0.1	0.05	0.05	0.2	1
LabWest scheme		MAR04_MS	MAR04_MS	MAR04_OES	MAR04_MS	MAR04_R	MAR04_MS	MAR04_OES	MAR04_MS	MAR04_MS	MAR04_R	MAR04_MS	MAR04_MS
(LW/G)			1.6	2.1	2.5	1.2	1.4	0.9		1.1	1.2	1.8	1.9
221041	LabWest	X	17.1	683	0.4	0.22	1.8	105	0.3	13.5	1.37	25.1	27
221041	Genalysis	X	13.58	213	0.2	0.17	1.54	97	X	12.28	1.03	11	8.4
(LW/G)			1.3	3.2	2.0	1.3	1.2	1.1		1.1	1.3	2.3	3.2
221058	LabWest	X	15.2	719	0.5	0.22	1.72	69	0.3	13.6	1.33	30.4	20
221058	Genalysis	X	8.69	99	0.15	0.17	1.26	59	X	12.34	1.12	15	6.1
(LW/G)			1.7	7.3	3.3	1.3	1.4	1.2		1.1	1.2	2.0	3.3
221108	LabWest	X	14.5	639	0.4	0.19	1.58	115	0.3	12.4	1.22	26	23
221108	Genalysis	X	10.37	122	0.19	0.15	1.31	108	X	11.21	0.99	11	6
(LW/G)			1.4	5.2	2.1	1.3	1.2	1.1		1.1	1.2	2.4	3.8
221124	LabWest	X	15.5	703	0.4	0.17	1.77	101	0.3	9.86	1.1	23.3	23
221124	Genalysis	X	12.12	170	0.21	0.14	1.5	104	X	9.46	0.91	13	11
(LW/G)			1.3	4.1	1.9	1.2	1.2	1.0		1.0	1.2	1.8	2.1
221139	LabWest	X	21.2	521	0.6	0.28	1.28	108	0.6	17.7	1.78	52.2	36
221139	Genalysis	X	18.36	7	0.23	0.21	1.02	77	X	15.81	1.22	28	10.1
(LW/G)			1.2	74.4	2.6	1.3	1.3	1.4		1.1	1.5	1.9	3.6
221169	LabWest	X	17.3	830	0.2	0.21	1.85	52	0.2	12.8	1.29	14.1	14
221169	Genalysis	X	10.34	302	0.07	0.18	1.23	59	X	12.2	1.19	7	6.9
(LW/G)			1.7	2.7	2.9	1.2	1.5	0.9		1.0	1.1	2.0	2.0
221170	LabWest	X	14.8	782	0.2	0.2	2.09	47	0.2	12.5	1.2	16.9	15
221170	Genalysis	0.05	9.09	231	0.1	0.18	1.75	47	X	12.53	1.15	6	6.5
(LW/G)			1.6	3.4	2.0	1.1	1.2	1.0		1.0	1.0	2.8	2.3
221175	LabWest	X	14.4	630	0.5	0.24	1.7	75	0.3	14.2	1.48	31.1	27
221175	Genalysis	X	11.06	58	0.2	0.2	1.36	69	X	13.28	1.22	16	6.3
(LW/G)			1.3	10.9	2.5	1.2	1.3	1.1		1.1	1.2	1.9	4.3
221216	LabWest	X	12.8	544	0.6	0.2	1.55	94	0.3	11.3	1.24	27.2	28
221216	Genalysis	X	10.46	42	0.27	0.16	2.2	75	X	10.44	0.96	20	7.2
(LW/G)			1.2	13.0	2.2	1.3	0.7	1.3		1.1	1.3	1.4	3.9
221244	LabWest	X	17	387	0.4	0.14	1.06	98	0.3	8.78	0.94	17.2	25
221244	Genalysis	X	14.33	80	0.2	0.12	0.92	90	X	9.17	0.78	10	9.3
(LW/G)			1.2	4.8	2.0	1.2	1.2	1.1		1.0	1.2	1.7	2.7
221323	LabWest	X	10.5	381	0.3	0.12	1.31	67	0.3	7.23	0.78	16	21
221323	Genalysis	X	9.04	147	0.2	0.11	1.29	74	X	7.57	0.71	9	9
(LW/G)			1.2	2.6	1.5	1.1	1.0	0.9		1.0	1.1	1.8	2.3
221387	LabWest	X	12.2	532	0.4	0.12	1.04	67	0.3	7.63	0.75	29.2	18
221387	Genalysis	X	7.52	72	0.19	0.1	0.66	59	X	6.56	0.58	16	4.2
(LW/G)			1.6	7.4	2.1	1.2	1.6	1.1		1.2	1.3	1.8	4.3
223453	D220922	X	9.61	257	0.2	0.21	0.86	56	0.3	13.2	1.27	23.2	10
220922		X	11.2	388	0.3	0.21	0.92	60	0.3	14.1	1.28	25.2	16
HRD 5%			-8	-20	-20								-23
223454	D220824	X	10.6	505	0.3	0.14	4.18	54	0.3	8.38	0.89	34	15
220824		X	11.7	540	0.4	0.14	4.16	55	0.3	8.98	0.87	33.4	16
HRD 5%					-14								
223450	OREAS 24b	X	13.8	2120	0.8	0.23	2.07	77	2.2	12.9	1.47	104	42
Cert			14.3	1980	0.66		1.74	79		12.3		93	24.5
HRD 5%					10		9					6	26
223451	BB1	X	1.24	5830	X	0.36	0.2	93	0.1	21.1	2.13	71.2	69
223452	OREAS 24b	X	13.8	2000	0.8	0.22	2.07	76	2.5	13	1.48	106	42
Cert			14.3	1980	0.66		1.74	79		12.3		93	24.5
HRD 5%					10		9					7	26