MINERALS
TEST REPORT

CLIENT

DOMINIC MURPHY
NEWCREST MINING LIMITED
PO Box 6380
EAST PERTH, WA 6892
AUSTRALIA

JOB INFORMATION

JOB CODE	:	43.7/1917279
NO. SAMPLES	:	193
NO. ELEMENTS	:	54
CLIENT ORDER NO.	:	4500864404 Line 10 (Job 1 of 1)
SAMPLE SUBMISSION NO.	:	NCM007
PROJECT	:	TANAMI EURO
SAMPLE TYPE	:	Drill core
DATE RECEIVED	:	09/10/2019
DATE TESTED	:	17/10/2019 - 25/10/2019
DATE REPORTED	:	25/10/2019
DATE PRINTED	:	25/10/2019

REPORT NOTES

TESTED BY

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APPROVED SIGNATURE FOR

Anthony WILSON
Laboratory Manager -Townsville

SIGNIFICANT FIGURES

It is common practice to report data derived from analytical instrumentation to a maximum of two or three significant figures. Some data reported herein may show more figures than this. The reporting of more than two or three figures in no way implies that figures beyond the least significant digit have significance.

For more information on the uncertainty on individual reported values, please contact the laboratory.

SAMPLE STORAGE

All solid samples (assay pulps, bulk pulps and residues will be stored for 60 days without charge. Following this samples will be stored at a daily rate until clients written advice regarding return, collection or disposal is received. If storage information is not supplied on the submission, or arranged with the laboratory in writing the default will be to store the samples with the applicable charges. Storage is charged at $4.00 per m3 per day, expenses related to the return or disposal of samples will be charged at cost. Current disposal cost is charged at $150.00 per m3.

Samples received as liquids, waters or solutions will be held for 60 days free of charge then disposed of, unless written advice for return or collection is received.

LEGEND					
	X	= Less than Detection Limit		NA	= Not Analysed
	SNR	= Sample Not Received		UA	= Unable to Assay
	*	= Result Checked		>	= Value beyond Limit of Method
	DTF	= Result still to come		+	= Extra Sample Received Not Listed
	IS	= Insufficient Sample for Analysis			

ELEMENTS	BUTTON	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd
UNITS	g	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
DETECTION LIMIT	0.01	0.005	0.05	0.005	0.2	0.1	0.05	0.01	0.05	0.02
DIGEST	FA50/	FA50/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0001 EX00525	42.00	0.016	0.18	8.098	46.1	463.3	3.77	1.28	2.02	0.45
0002 EX00526	44.00	0.020								
0003 EX00527	43.00	0.026	0.27	7.638	74.7	500.6	3.44	1.60	0.37	0.51
0004 EX00528	42.00	0.018								
0005 EX00529	35.00	2.548	10.84	8.307	0.5	1699.6	2.04	0.48	3.87	0.09
0006 EX00530	40.00	0.010								
0007 EX00531	41.00	0.012	0.06	8.258	5.3	438.0	2.96	1.38	0.25	0.04
0008 EX00532	41.00	0.011								
0009 EX00533	39.00	0.011	0.06	7.794	40.6	411.3	3.05	1.38	0.40	0.13
0010 EX00534	42.00	0.013								
0011 EX00535	42.00	0.013	0.19	8.068	36.2	462.8	3.31	1.12	0.75	0.42
0012 EX00536	43.00	0.019								
0013 EX00537	42.00	0.009	0.14	7.003	3.0	377.5	2.98	0.66	0.60	0.33
0014 EX00538	42.00	0.010								
0015 EX00539	40.00	0.009	0.25	6.865	18.4	414.4	3.24	0.70	0.82	0.57
0016 EX00540	44.00	0.012								
0017 EX00541	42.00	0.009	0.23	7.860	186.7	392.4	3.33	0.82	1.01	0.44
0018 EX00542	36.00	<0.005								
0019 EX00543	41.00	0.009	0.25	8.207	23.7	501.5	3.38	0.97	0.59	0.63
0020 EX00544	41.00	0.009								
0021 EX00544 Pulp Dup	41.00	0.010	0.23	6.723	25.3	377.8	3.08	0.95	0.81	0.32
0022 EX00545	42.00	0.012	0.31	6.373	59.8	294.2	2.97	0.96	1.81	0.27
0023 EX00546	46.00	0.011								
0024 EX00547	41.00	0.012	0.32	7.886	42.1	527.6	3.35	1.08	0.77	0.41
0025 EX00548	377.00	0.010								
0026 EX00549	35.00	1.168	4.14	7.191	0.6	52.2	1.99	2.68	3.04	0.08
0027 EX00550	39.00	0.017								
0028 EX00551	42.00	0.015	0.34	8.437	32.5	641.2	3.27	1.09	0.53	0.81
0029 EX00552	41.00	0.012								
0030 EX00553	38.00	0.011	0.30	5.748	37.3	332.5	2.64	1.07	1.60	0.60
0031 EX00554	41.00	0.008								
0032 EX00555	38.00	0.005	0.08	8.455	24.0	501.5	2.96	0.75	0.27	0.03
0033 EX00556	41.00	0.009								
0034 EX00557	40.00	0.016	0.53	7.581	54.8	478.6	2.79	1.28	0.32	1.24
0035 EX00558	40.00	0.009								
0036 EX00559	40.00	0.009	0.17	7.536	26.3	471.0	2.76	0.77	0.42	0.49
0037 EX00560	42.00	0.006								
0038 EX00561	39.00	<0.005	0.09	5.362	61.6	286.8	2.27	0.43	0.67	0.33
0039 EX00562	40.00	0.012								
0040 EX00563	42.00	0.006	0.40	7.484	124.4	465.6	3.07	0.86	0.22	0.04

ELEMENTS	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In
UNITS	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.01	0.1	1	0.05	0.5	0.01	0.1	0.1	0.05	0.01
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0001 EX00525	126.16	21.1	40	13.09	87.7	7.51	21.2	1.9	5.76	0.09
0002 EX00526										
0003 EX00527	119.19	22.2	41	8.46	109.9	6.77	20.6	1.9	4.98	0.11
0004 EX00528										
0005 EX00529	171.44	22.3	41	1.31	43.4	6.18	24.5	0.6	4.87	0.09
0006 EX00530										
0007 EX00531	125.49	15.0	39	6.67	70.3	6.37	22.2	1.6	5.52	0.10
0008 EX00532										
0009 EX00533	114.24	17.5	32	7.64	86.3	7.25	20.9	1.6	5.29	0.09
0010 EX00534										
0011 EX00535	111.87	22.7	46	13.05	78.1	8.19	21.8	1.8	4.72	0.08
0012 EX00536										
0013 EX00537	96.94	19.6	52	11.51	78.4	8.05	19.1	2.2	3.57	0.08
0014 EX00538										
0015 EX00539	102.24	20.0	52	14.50	82.8	8.53	19.3	2.0	3.61	0.07
0016 EX00540										
0017 EX00541	113.13	22.8	49	15.25	124.7	9.01	21.5	2.3	4.35	0.08
0018 EX00542										
0019 EX00543	115.27	20.4	53	10.64	98.8	6.13	22.8	2.2	4.94	0.12
0020 EX00544										
0021 EX00544 Pulp Dup	112.58	21.5	49	15.66	140.6	8.91	19.5	2.2	4.34	0.11
0022 EX00545	124.67	30.6	43	16.97	210.7	11.13	18.9	1.8	3.84	0.10
0023 EX00546										
0024 EX00547	127.27	25.5	48	10.94	194.0	7.40	22.3	2.1	4.37	0.11
0025 EX00548										
0026 EX00549	11.44	16.8	60	43.43	27.3	4.11	20.3	2.0	1.57	0.04
0027 EX00550										
0028 EX00551	132.79	28.2	55	10.42	145.8	8.30	23.1	2.1	4.89	0.12
0029 EX00552										
0030 EX00553	105.36	38.1	45	15.34	153.1	11.87	16.6	1.8	3.01	0.08
0031 EX00554										
0032 EX00555	131.51	15.3	59	5.64	82.9	5.90	23.9	2.2	4.34	0.10
0033 EX00556										
0034 EX00557	115.21	42.2	53	10.10	156.2	8.92	21.6	2.1	4.16	0.11
0035 EX00558										
0036 EX00559	113.63	22.3	61	9.90	104.4	6.45	21.3	2.3	3.82	0.11
0037 EX00560										
0038 EX00561	87.43	18.3	40	10.52	81.6	6.33	14.7	2.0	2.82	0.06
0039 EX00562										
0040 EX00563	113.69	28.6	53	6.60	119.9	6.68	21.3	2.1	3.74	0.11

ELEMENTS	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
UNITS	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
DETECTION LIMIT	0.002	0.01	0.1	0.002	1	0.1	0.01	0.05	0.5	0.005
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0001 EX00525	3.663	64.32	52.6	2.359	1417	2.7	0.72	13.22	39.5	0.064
0002 EX00526										
0003 EX00527	3.880	59.74	47.0	1.520	425	2.8	0.33	11.46	36.5	0.079
0004 EX00528										
0005 EX00529	2.694	91.14	13.1	1.702	922	29.0	2.65	14.89	29.3	0.128
0006 EX00530										
0007 EX00531	3.502	62.04	58.6	2.302	514	2.9	0.39	12.69	33.6	0.100
0008 EX00532										
0009 EX00533	3.098	56.89	57.5	2.409	698	2.4	0.58	12.73	34.0	0.086
0010 EX00534										
0011 EX00535	3.552	54.03	40.6	1.856	846	2.0	0.94	12.02	37.2	0.106
0012 EX00536										
0013 EX00537	3.126	46.23	44.8	1.867	2434	2.3	0.54	10.83	31.7	0.105
0014 EX00538										
0015 EX00539	3.231	49.03	50.2	1.907	1325	1.8	0.69	11.69	37.4	0.151
0016 EX00540										
0017 EX00541	3.706	53.04	53.6	2.153	2191	1.2	0.91	12.68	38.1	0.180
0018 EX00542										
0019 EX00543	4.018	54.46	52.7	1.756	1378	1.5	0.71	15.08	35.4	0.108
0020 EX00544										
0021 EX00544 Pulp Dup	3.350	53.51	57.1	2.017	3377	1.2	0.58	14.31	34.6	0.150
0022 EX00545	2.897	54.85	52.8	2.334	5662	1.0	0.65	12.83	47.9	0.316
0023 EX00546										
0024 EX00547	4.042	58.92	45.7	1.680	2100	1.3	0.53	16.02	39.6	0.138
0025 EX00548										
0026 EX00549	4.056	4.77	16.5	1.335	618	7.0	1.82	3.01	18.7	0.083
0027 EX00550										
0028 EX00551	4.447	63.37	40.1	1.687	1507	2.3	0.36	15.75	49.2	0.166
0029 EX00552										
0030 EX00553	2.854	47.20	35.5	2.285	4627	1.5	0.46	10.34	52.0	0.192
0031 EX00554										
0032 EX00555	3.929	60.64	59.4	2.533	1632	0.8	0.18	13.10	30.2	0.112
0033 EX00556										
0034 EX00557	4.004	54.65	43.2	1.761	1148	1.9	0.30	12.52	57.0	0.115
0035 EX00558										
0036 EX00559	3.773	54.66	40.0	1.740	1313	1.5	0.49	12.25	37.1	0.120
0037 EX00560										
0038 EX00561	2.448	40.50	34.7	1.874	2332	1.8	0.77	8.63	27.9	0.065
0039 EX00562										
0040 EX00563	3.624	53.32	52.8	1.991	965	1.3	0.18	11.73	42.6	0.055

ELEMENTS	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
UNITS	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.5	0.05	0.002	0.05	0.05	0.1	0.5	0.1	0.05	0.01
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0001 EX00525	56.1	168.10	0.005	3.38	5.76	12.3	2.3	4.3	103.54	1.20
0002 EX00526										
0003 EX00527	57.1	155.98	0.010	3.69	5.78	12.3	3.2	4.3	32.67	1.01
0004 EX00528										
0005 EX00529	29.3	90.56	<0.002	0.11	0.07	18.2	<0.5	3.3	349.41	1.10
0006 EX00530										
0007 EX00531	14.3	124.28	0.008	1.96	0.66	11.0	1.6	5.4	36.50	1.21
0008 EX00532										
0009 EX00533	18.1	121.11	0.009	2.25	2.30	10.6	2.2	5.2	59.23	1.16
0010 EX00534										
0011 EX00535	49.9	160.17	0.007	3.10	4.60	10.2	1.9	5.6	118.07	1.28
0012 EX00536										
0013 EX00537	29.0	139.59	0.007	2.18	3.60	10.9	1.9	4.0	79.13	0.96
0014 EX00538										
0015 EX00539	45.5	150.60	0.008	2.20	4.06	11.6	2.1	4.1	111.19	1.03
0016 EX00540										
0017 EX00541	58.4	183.81	0.011	2.92	3.24	12.1	2.4	4.7	129.15	1.25
0018 EX00542										
0019 EX00543	78.9	160.92	0.010	1.40	4.19	12.8	1.5	5.3	89.25	1.30
0020 EX00544										
0021 EX00544 Pulp Dup	27.4	163.67	0.011	2.21	4.48	11.4	2.6	4.2	96.29	1.16
0022 EX00545	34.5	164.55	0.009	3.47	4.99	11.7	3.5	4.1	125.62	1.00
0023 EX00546										
0024 EX00547	60.5	160.05	0.013	2.07	2.38	12.9	2.5	5.8	83.76	1.22
0025 EX00548										
0026 EX00549	7.1	1421.88	<0.002	<0.05	0.68	14.1	<0.5	1.2	100.47	0.31
0027 EX00550										
0028 EX00551	40.1	161.46	0.021	2.97	4.08	14.4	2.9	5.6	50.00	1.40
0029 EX00552										
0030 EX00553	26.1	143.27	0.014	4.22	2.74	11.3	3.1	3.7	86.92	0.88
0031 EX00554										
0032 EX00555	22.6	127.42	0.008	1.44	2.13	14.1	1.3	5.4	22.24	1.16
0033 EX00556										
0034 EX00557	93.1	162.05	0.016	4.00	7.18	13.3	3.3	4.6	34.99	1.04
0035 EX00558										
0036 EX00559	47.0	156.95	0.013	2.25	3.56	13.4	2.1	4.7	44.08	1.06
0037 EX00560										
0038 EX00561	26.9	120.13	0.006	1.95	2.14	9.1	1.8	2.9	62.43	0.75
0039 EX00562										
0040 EX00563	47.3	134.66	0.011	3.49	5.59	13.5	2.5	4.4	18.54	1.08

ELEMENTS	Te	Th	Ti	Tl	U	V	W	WTDRY	WTTOT	Y
UNITS	ppm	ppm	%	ppm	ppm	ppm	ppm	g	g	ppm
DETECTION LIMIT	0.2	0.01	0.005	0.02	0.01	2	0.1	0.01	0.01	0.05
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/			4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	WT02	WT01	MS
SAMPLE NUMBERS										
0001 EX00525	0.4	22.07	0.289	2.46	7.89	86	1.9	3811.00	3850.00	32.98
0002 EX00526								3396.00	3440.00	
0003 EX00527	0.3	20.54	0.264	2.12	8.77	102	2.0	3493.00	3538.00	31.42
0004 EX00528								3753.00	3800.00	
0005 EX00529	<0.2	27.58	0.797	0.49	3.84	176	2.0	60.00	60.00	47.68
0006 EX00530								2341.00	2384.00	
0007 EX00531	<0.2	23.68	0.240	1.03	8.40	83	2.3	2753.00	2800.00	28.95
0008 EX00532								1642.00	1672.00	
0009 EX00533	<0.2	22.24	0.243	1.17	7.94	82	2.2	1684.00	1700.00	30.33
0010 EX00534								3861.00	3912.00	
0011 EX00535	<0.2	24.93	0.223	1.74	8.43	91	1.9	3486.00	3537.00	30.26
0012 EX00536								3559.00	3609.00	
0013 EX00537	0.3	17.15	0.239	1.42	7.42	108	1.8	3800.00	3851.00	29.44
0014 EX00538								3265.00	3315.00	
0015 EX00539	<0.2	18.13	0.262	1.58	8.25	128	1.4	3896.00	3947.00	30.43
0016 EX00540								3558.00	3589.00	
0017 EX00541	0.3	21.97	0.262	1.93	8.53	111	1.6	3389.00	3427.00	36.42
0018 EX00542								1625.00	1677.00	
0019 EX00543	0.2	22.25	0.292	1.37	8.00	122	2.2	3789.00	3840.00	35.47
0020 EX00544								3803.00	3955.00	
0021 EX00544 Pulp Dup	0.3	17.83	0.263	1.63	7.10	117	1.5			36.06
0022 EX00545	0.3	14.75	0.262	1.78	6.87	106	1.5	3617.00	3670.00	51.95
0023 EX00546								3752.00	3804.00	
0024 EX00547	0.2	20.12	0.307	1.38	7.28	123	2.6	3671.00	3720.00	42.32
0025 EX00548								3285.00	3336.00	
0026 EX00549	<0.2	0.70	0.519	11.92	0.28	119	0.3	60.00	60.00	14.71
0027 EX00550								4016.00	4067.00	
0028 EX00551	0.4	24.69	0.336	1.38	9.55	153	2.7	3874.00	3923.00	35.78
0029 EX00552								1748.00	1793.00	
0030 EX00553	0.3	15.18	0.230	1.57	7.01	105	1.5	1756.00	1796.00	39.26
0031 EX00554								3348.00	3399.00	
0032 EX00555	0.3	20.24	0.318	0.77	6.48	141	2.7	3506.00	3558.00	28.03
0033 EX00556								3236.00	3287.00	
0034 EX00557	0.4	19.62	0.293	1.61	7.67	140	2.2	3827.00	3880.00	31.10
0035 EX00558								3345.00	3397.00	
0036 EX00559	0.3	19.32	0.301	1.39	7.38	140	2.4	3565.00	3613.00	28.54
0037 EX00560								2919.00	2971.00	
0038 EX00561	0.2	14.80	0.196	1.18	5.12	81	1.2	3275.00	3328.00	23.22
0039 EX00562								3842.00	3898.00	
0040 EX00563	0.4	18.85	0.295	1.17	7.07	147	2.2	3292.00	3346.00	27.56

ELEMENTS	Zn	Zr	p106um	p4.75mm
UNITS	ppm	ppm	%	%
DETECTION LIMIT	1	0.1	0.01	0.01
DIGEST	4A/	4A/		
ANALYTICAL FINISH	MS	MS	/SV33	/SV34
SAMPLE NUMBERS				
0001 EX00525	152	204.3		
0002 EX00526				
0003 EX00527	156	177.1		
0004 EX00528				
0005 EX00529	114	220.5		
0006 EX00530				
0007 EX00531	33	181.1		
0008 EX00532				
0009 EX00533	55	176.0		
0010 EX00534				
0011 EX00535	132	147.8		
0012 EX00536				
0013 EX00537	133	116.7		
0014 EX00538				
0015 EX00539	198	120.6		
0016 EX00540				
0017 EX00541	213	137.2	100.00	100.00
0018 EX00542				
0019 EX00543	206	167.7		
0020 EX00544				
0021 EX00544 Pulp Dup	164	146.6		
0022 EX00545	134	132.5		
0023 EX00546				
0024 EX00547	174	150.6		
0025 EX00548				
0026 EX00549	54	56.7		
0027 EX00550				
0028 EX00551	212	160.5		
0029 EX00552				
0030 EX00553	158	102.0		
0031 EX00554				
0032 EX00555	37	144.9		
0033 EX00556				
0034 EX00557	413	138.1		
0035 EX00558				
0036 EX00559	163	131.7		
0037 EX00560				
0038 EX00561	147	90.9	98.63	100.00
0039 EX00562				
0040 EX00563	29	123.6		

ELEMENTS	BUTTON	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd
UNITS	g	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
DETECTION LIMIT	0.01	0.005	0.05	0.005	0.2	0.1	0.05	0.01	0.05	0.02
DIGEST	FA50/	FA50/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0041 EX00564	40.00	0.006								
0042 EX00564 Pulp Dup	40.00	0.007								
0043 EX00565	39.01	0.013	0.44	7.631	8.5	511.9	2.78	1.43	0.20	0.05
0044 EX00566	45.23	0.017								
0045 EX00567	42.88	0.014	0.27	8.170	19.3	593.1	2.74	0.91	0.27	0.65
0046 EX00568	41.79	0.015								
0047 EX00569	32.38	2.563	10.79	8.030	0.3	1674.5	2.06	0.53	3.77	0.08
0048 EX00570	41.81	0.012								
0049 EX00571	41.57	0.012	0.32	7.292	69.2	523.0	3.18	0.94	0.64	0.61
0050 EX00572	41.23	0.022								
0051 EX00573	41.97	0.021	0.56	7.937	5.6	579.9	2.70	1.34	0.12	0.77
0052 EX00574	40.41	0.016								
0053 EX00575	40.20	0.013	0.39	6.806	11.6	462.1	2.78	1.00	0.29	1.16
0054 EX00576	40.73	0.010								
0055 EX00577	41.18	0.009	0.28	6.812	62.3	501.3	2.57	0.81	0.44	0.69
0056 EX00578	40.42	0.012								
0057 EX00579	42.25	0.009	0.21	7.745	7.1	600.3	3.12	0.71	0.68	0.29
0058 EX00580	40.85	0.010								
0059 EX00581	42.36	0.012	0.29	7.368	11.8	577.0	2.87	0.72	0.32	0.29
0060 EX00582	35.80	<0.005								
0061 EX00583	42.06	0.012	0.22	7.723	2.1	617.1	2.84	0.78	0.15	0.33
0062 EX00584	39.78	0.009								
0063 EX00584 Pulp Dup	42.54	0.011	0.15	8.597	2.8	691.6	3.26	0.70	0.18	0.16
0064 EX00585	41.29	0.012	0.38	7.787	12.1	570.2	3.24	1.07	0.23	0.07
0065 EX00586	41.16	0.016								
0066 EX00587	42.34	0.015	0.40	5.993	14.5	481.4	2.40	0.97	1.50	0.39
0067 EX00588	40.66	0.012								
0068 EX00589	33.81	1.136	4.29	6.941	0.5	53.4	2.14	2.74	2.98	0.07
0069 EX00590	42.41	0.010								
0070 EX00591	41.68	0.010	0.33	7.686	53.2	676.9	3.28	0.87	0.77	0.66
0071 EX00592	39.55	0.014								
0072 EX00593	41.84	0.012	0.38	6.278	27.7	487.0	2.92	1.09	2.12	0.99
0073 EX00594	41.26	0.012								
0074 EX00595	40.51	0.015	0.30	6.674	13.4	554.9	3.04	1.02	1.33	0.81
0075 EX00596	43.58	0.006								
0076 EX00597	39.02	0.006	0.11	3.257	17.2	218.3	1.44	0.43	3.00	0.25
0077 EX00598	40.67	0.011								
0078 EX00599	40.15	0.012	0.33	7.482	22.4	614.5	3.02	1.27	0.46	1.29
0079 EX00600	41.28	0.012								
0080 EX00601	41.79	0.005	0.10	5.909	82.6	224.0	2.76	0.38	2.23	0.27

ELEMENTS	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In
UNITS	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.01	0.1	1	0.05	0.5	0.01	0.1	0.1	0.05	0.01
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0041 EX00564										
0042 EX00564 Pulp Dup										
0043 EX00565	116.71	42.4	54	5.23	102.4	8.36	21.6	2.0	4.36	0.15
0044 EX00566										
0045 EX00567	117.12	37.0	58	8.88	106.7	8.60	23.5	2.0	4.00	0.13
0046 EX00568										
0047 EX00569	163.69	22.2	40	1.30	44.0	6.17	24.0	0.7	4.52	0.08
0048 EX00570										
0049 EX00571	103.10	39.9	61	9.05	111.4	9.50	20.6	1.7	3.72	0.10
0050 EX00572										
0051 EX00573	101.37	47.5	67	7.75	121.7	9.29	22.7	2.0	3.90	0.10
0052 EX00574										
0053 EX00575	99.42	44.6	55	9.31	145.9	12.06	19.0	1.5	3.57	0.13
0054 EX00576										
0055 EX00577	109.89	36.6	62	10.15	134.8	9.77	19.6	2.0	3.42	0.10
0056 EX00578										
0057 EX00579	115.39	32.0	66	11.95	86.9	7.88	21.6	1.8	3.73	0.09
0058 EX00580										
0059 EX00581	102.03	41.9	54	7.81	92.0	9.19	20.8	2.1	3.67	0.08
0060 EX00582										
0061 EX00583	105.14	34.8	68	5.53	82.7	7.22	22.0	2.1	3.77	0.11
0062 EX00584										
0063 EX00584 Pulp Dup	119.99	25.0	66	5.59	82.1	5.63	24.7	2.3	4.28	0.10
0064 EX00585	68.59	34.6	56	5.13	107.1	7.86	21.5	2.2	4.25	0.09
0065 EX00586										
0066 EX00587	84.71	28.1	54	9.37	160.8	10.56	16.8	1.7	3.07	0.08
0067 EX00588										
0068 EX00589	11.01	16.6	63	42.51	26.3	4.07	20.0	1.6	1.54	0.04
0069 EX00590										
0070 EX00591	108.00	41.6	70	9.00	94.9	9.64	21.5	2.0	3.67	0.11
0071 EX00592										
0072 EX00593	91.35	44.7	56	8.64	132.1	13.02	17.2	1.3	3.06	0.09
0073 EX00594										
0074 EX00595	106.48	47.8	54	11.38	95.6	11.88	18.4	1.7	3.23	0.11
0075 EX00596										
0076 EX00597	68.47	25.1	29	7.37	59.5	15.03	8.7	1.0	1.54	0.05
0077 EX00598										
0078 EX00599	119.92	40.2	54	8.82	105.0	9.92	20.4	1.7	3.63	0.11
0079 EX00600										
0080 EX00601	73.94	28.8	52	13.70	55.9	15.45	15.8	1.0	2.96	0.05

ELEMENTS	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
UNITS	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
DETECTION LIMIT	0.002	0.01	0.1	0.002	1	0.1	0.01	0.05	0.5	0.005
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0041 EX00564										
0042 EX00564 Pulp Dup										
0043 EX00565	4.126	58.49	41.8	1.520	1075	2.3	0.29	13.43	58.2	0.051
0044 EX00566										
0045 EX00567	4.319	56.55	43.4	1.628	1747	4.3	0.40	12.83	50.2	0.046
0046 EX00568										
0047 EX00569	2.618	85.46	12.9	1.657	914	28.9	2.59	14.86	28.7	0.126
0048 EX00570										
0049 EX00571	3.835	50.11	45.0	1.945	2046	3.5	0.61	12.12	53.9	0.045
0050 EX00572										
0051 EX00573	4.346	48.20	47.2	1.477	991	4.0	0.35	12.58	55.7	0.031
0052 EX00574										
0053 EX00575	3.587	45.95	45.9	1.874	2801	3.2	0.43	10.97	59.7	0.054
0054 EX00576										
0055 EX00577	3.772	52.09	45.2	1.922	3013	2.0	0.63	11.86	53.8	0.063
0056 EX00578										
0057 EX00579	4.304	54.53	45.4	1.989	1563	3.0	0.86	12.74	48.3	0.067
0058 EX00580										
0059 EX00581	3.726	49.20	44.9	1.655	1492	2.4	0.50	13.00	51.7	0.086
0060 EX00582										
0061 EX00583	3.948	50.53	46.2	1.376	705	2.3	0.43	13.11	46.6	0.030
0062 EX00584										
0063 EX00584 Pulp Dup	4.626	58.35	52.7	1.422	592	2.4	0.17	15.98	44.1	0.069
0064 EX00585	3.880	31.89	59.5	1.885	752	3.9	0.24	17.85	56.7	0.068
0065 EX00586										
0066 EX00587	3.112	40.43	41.2	1.965	3905	2.8	0.51	9.52	46.3	0.133
0067 EX00588										
0068 EX00589	3.926	4.62	14.7	1.308	605	6.9	1.79	3.30	18.5	0.078
0069 EX00590										
0070 EX00591	3.781	51.62	54.0	1.912	3464	2.1	0.81	12.67	53.4	0.066
0071 EX00592										
0072 EX00593	3.129	43.31	53.1	2.643	6247	3.8	0.50	10.31	59.8	0.103
0073 EX00594										
0074 EX00595	3.309	49.50	62.9	2.466	5125	2.0	0.81	10.91	50.8	0.055
0075 EX00596										
0076 EX00597	1.427	31.03	35.4	4.005	1.02%	1.5	0.21	5.22	28.4	0.185
0077 EX00598										
0078 EX00599	3.801	57.15	56.0	1.821	2936	2.4	0.55	12.01	46.5	0.065
0079 EX00600										
0080 EX00601	2.071	37.58	48.2	2.920	8987	3.5	0.51	9.84	43.1	0.109

ELEMENTS	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
UNITS	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.5	0.05	0.002	0.05	0.05	0.1	0.5	0.1	0.05	0.01
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0041 EX00564										
0042 EX00564 Pulp Dup										
0043 EX00565	73.7	158.02	0.026	5.98	9.60	13.1	2.9	5.6	20.69	1.17
0044 EX00566										
0045 EX00567	33.4	164.86	0.027	4.15	6.74	14.9	2.6	5.7	41.97	1.12
0046 EX00568										
0047 EX00569	25.3	89.70	<0.002	0.12	0.06	18.0	<0.5	3.2	347.22	1.10
0048 EX00570										
0049 EX00571	50.3	159.43	0.023	4.56	6.20	14.4	2.6	4.3	60.24	1.04
0050 EX00572										
0051 EX00573	61.7	169.45	0.027	4.54	5.06	14.1	2.8	4.7	26.24	1.09
0052 EX00574										
0053 EX00575	161.9	155.75	0.021	5.38	3.31	13.4	3.6	4.0	40.13	0.95
0054 EX00576										
0055 EX00577	47.1	160.77	0.014	4.32	5.26	13.9	2.5	3.7	71.37	0.97
0056 EX00578										
0057 EX00579	38.5	176.58	0.019	3.16	3.65	14.8	2.5	4.2	110.26	1.09
0058 EX00580										
0059 EX00581	37.3	145.82	0.014	4.24	8.87	13.8	2.2	4.6	52.22	1.13
0060 EX00582										
0061 EX00583	23.5	150.81	0.014	3.40	2.45	14.8	2.4	4.5	41.82	1.14
0062 EX00584										
0063 EX00584 Pulp Dup	19.5	164.99	0.019	2.49	1.91	16.5	1.8	5.0	19.24	1.42
0064 EX00585	37.7	136.57	0.023	3.91	11.08	14.8	3.1	4.6	36.05	1.64
0065 EX00586										
0066 EX00587	55.5	131.12	0.013	2.82	4.43	11.6	2.4	3.9	91.17	0.86
0067 EX00588										
0068 EX00589	6.1	1398.47	<0.002	<0.05	0.70	13.9	<0.5	1.2	97.41	0.41
0069 EX00590										
0070 EX00591	63.1	143.29	0.011	2.82	7.11	14.0	2.1	4.8	106.13	1.09
0071 EX00592										
0072 EX00593	77.7	123.83	0.013	3.32	4.71	11.8	2.9	4.0	81.20	0.91
0073 EX00594										
0074 EX00595	59.9	146.34	0.012	3.13	7.17	13.8	2.0	3.7	113.17	0.97
0075 EX00596										
0076 EX00597	11.3	74.84	0.006	2.19	3.64	6.8	1.7	2.0	47.12	0.44
0077 EX00598										
0078 EX00599	65.7	131.08	0.012	3.35	6.06	14.0	2.3	4.9	64.89	1.08
0079 EX00600										
0080 EX00601	10.6	110.71	0.021	2.12	1.60	10.7	1.4	2.5	104.91	0.94

ELEMENTS	Te	Th	Ti	Tl	U	V	W	WTDRY	WTTOT	Y
UNITS	ppm	ppm	%	ppm	ppm	ppm	ppm	g	g	ppm
DETECTION LIMIT	0.2	0.01	0.005	0.02	0.01	2	0.1	0.01	0.01	0.05
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/			4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	WT02	WT01	MS
SAMPLE NUMBERS										
0041 EX00564								3446.00	3499.00	
0042 EX00564 Pulp Dup										
0043 EX00565	0.4	20.83	0.314	1.67	7.30	149	2.5	3526.00	3580.00	29.66
0044 EX00566								3713.00	3764.00	
0045 EX00567	0.2	20.21	0.351	1.74	10.47	171	3.2	3554.00	3605.00	29.46
0046 EX00568								3506.00	3558.00	
0047 EX00569	<0.2	25.76	0.777	0.49	3.77	175	2.2	60.00	60.00	46.51
0048 EX00570								3144.00	3193.00	
0049 EX00571	0.3	18.57	0.313	1.58	8.89	151	2.3	3651.00	3703.00	30.25
0050 EX00572								1835.00	1876.00	
0051 EX00573	0.4	18.70	0.323	1.62	8.05	159	2.4	1841.00	1889.00	26.02
0052 EX00574								3859.00	3911.00	
0053 EX00575	0.3	17.39	0.278	1.47	8.87	139	2.1	3685.00	3730.00	30.37
0054 EX00576								3637.00	3685.00	
0055 EX00577	0.3	16.56	0.302	1.55	7.80	140	2.1	3891.00	3940.00	33.82
0056 EX00578								3549.00	3600.00	
0057 EX00579	0.3	18.80	0.329	1.63	9.50	161	2.5	3862.00	3910.00	28.26
0058 EX00580								3509.00	3560.00	
0059 EX00581	0.3	18.36	0.308	1.42	8.05	156	2.3	3907.00	3950.00	28.23
0060 EX00582								2560.00	2610.00	
0061 EX00583	0.3	19.18	0.325	1.24	8.23	159	2.4	2850.00	2910.00	23.75
0062 EX00584								3742.00	3790.00	
0063 EX00584 Pulp Dup	0.2	22.68	0.359	1.30	9.56	182	2.5			31.15
0064 EX00585	0.3	20.51	0.329	1.42	9.50	177	2.2	3041.00	3080.00	26.70
0065 EX00586								3457.00	3510.00	
0066 EX00587	0.3	15.07	0.259	1.29	6.57	118	2.4	3754.00	3806.00	23.47
0067 EX00588								3727.00	3785.00	
0068 EX00589	<0.2	0.66	0.509	11.86	0.28	96	0.3	60.00	60.00	14.55
0069 EX00590								3657.00	3708.00	
0070 EX00591	0.3	18.23	0.345	1.77	7.60	141	2.4	3830.00	3870.00	25.99
0071 EX00592								1701.00	1743.00	
0072 EX00593	0.4	16.00	0.280	1.51	7.35	119	1.8	1696.00	1728.00	26.73
0073 EX00594								3693.00	3745.00	
0074 EX00595	0.5	16.73	0.301	1.88	6.96	122	1.3	3610.00	3661.00	28.54
0075 EX00596								3826.00	3876.00	
0076 EX00597	<0.2	7.97	0.137	1.05	4.33	57	0.6	3729.00	3780.00	23.05
0077 EX00598								3924.00	3976.00	
0078 EX00599	0.3	18.72	0.317	1.54	8.22	129	2.5	3807.00	3858.00	27.52
0079 EX00600								3584.00	3635.00	
0080 EX00601	<0.2	16.54	0.278	1.49	6.72	139	1.0	4134.00	4184.00	22.82

ELEMENTS	Zn	Zr	p106um	p4.75mm
UNITS	ppm	ppm	%	%
DETECTION LIMIT	1	0.1	0.01	0.01
DIGEST	4A/	4A/		
ANALYTICAL FINISH	MS	MS	/SV33	/SV34
SAMPLE NUMBERS				
0041 EX00564				
0042 EX00564 Pulp Dup				
0043 EX00565	27	142.3		
0044 EX00566				
0045 EX00567	163	134.1		
0046 EX00568				
0047 EX00569	100	170.3		
0048 EX00570				
0049 EX00571	185	124.7		
0050 EX00572				
0051 EX00573	203	131.5		
0052 EX00574				
0053 EX00575	286	118.1		
0054 EX00576				
0055 EX00577	201	125.0		
0056 EX00578				
0057 EX00579	218	124.9		
0058 EX00580				
0059 EX00581	112	123.3	97.77	100.00
0060 EX00582				
0061 EX00583	118	120.7		
0062 EX00584				
0063 EX00584 Pulp Dup	69	145.3		
0064 EX00585	38	138.9		
0065 EX00586				
0066 EX00587	116	94.8		
0067 EX00588				
0068 EX00589	55	55.3		
0069 EX00590				
0070 EX00591	162	126.7		
0071 EX00592				
0072 EX00593	206	104.9		
0073 EX00594				
0074 EX00595	169	108.3		
0075 EX00596				
0076 EX00597	76	53.1		
0077 EX00598				
0078 EX00599	174	120.1		
0079 EX00600				
0080 EX00601	112	99.3	98.11	100.00

ELEMENTS	BUTTON	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd
UNITS	g	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
DETECTION LIMIT	0.01	0.005	0.05	0.005	0.2	0.1	0.05	0.01	0.05	0.02
DIGEST	FA50/	FA50/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0081 EX00602	40.38	0.007								
0082 EX00603	40.62	0.013	0.30	7.102	23.5	499.5	3.19	1.19	0.56	0.40
0083 EX00604	39.31	0.011								
0084 EX00604 Pulp Dup	40.82	0.011								
0085 EX00605	40.45	0.017	0.61	6.508	15.7	433.1	3.31	1.89	0.66	0.22
0086 EX00606	41.03	0.016								
0087 EX00607	42.31	0.012	0.38	7.472	16.4	609.7	3.18	1.31	0.55	0.50
0088 EX00608	38.94	0.013								
0089 EX00609	37.40	2.463	10.95	7.980	0.4	1746.4	2.06	0.50	3.74	0.05
0090 EX00610	39.78	0.017								
0091 EX00611	40.55	0.015	0.40	6.203	40.3	456.1	2.90	1.22	0.83	0.47
0092 EX00612	41.23	0.009								
0093 EX00613	39.97	0.010	0.25	6.270	44.7	364.2	2.73	0.89	0.86	0.58
0094 EX00614	40.46	0.013								
0095 EX00615	42.56	0.019	0.70	6.997	52.7	419.4	2.63	1.87	0.25	0.38
0096 EX00616	41.03	0.007								
0097 EX00617	44.03	0.015	0.33	8.419	4.1	526.2	2.90	0.98	0.19	1.32
0098 EX00618	40.47	0.010								
0099 EX00619	33.72	2.605	10.84	7.818	0.4	1702.7	2.05	0.32	3.66	0.09
0100 EX00620	36.46	0.016								
0101 EX00621	42.26	0.026	0.65	7.382	4.1	438.0	2.65	1.80	0.48	1.53
0102 EX00622	34.91	<0.005								
0103 EX00623	43.90	0.016	0.63	7.423	4.4	435.9	2.57	1.41	0.31	0.66
0104 EX00624	41.75	0.021								
0105 EX00624 Pulp Dup	43.15	0.022	0.38	7.533	6.9	452.3	2.42	1.29	0.17	1.75
0106 EX00625	32.36	0.008	0.41	8.373	17.9	518.5	2.90	1.23	0.28	1.08
0107 EX00626	41.38	0.038								
0108 EX00627	36.62	0.013	0.30	8.119	38.6	517.4	2.72	1.23	0.22	1.05
0109 EX00628	41.82	0.030								
0110 EX00629	36.18	1.189	4.08	6.879	0.7	51.0	2.25	2.80	2.94	0.06
0111 EX00630	25.63	0.006								
0112 EX00631	22.17	0.007	0.24	8.966	5.5	584.7	3.03	1.43	0.19	1.42
0113 EX00632	39.74	0.020								
0114 EX00633	36.45	0.018	0.66	7.786	10.9	505.2	2.65	1.74	0.13	0.50
0115 EX00634	41.10	0.021								
0116 EX00635	41.11	0.022	0.43	7.735	36.8	501.0	2.75	1.96	0.17	0.30
0117 EX00636	40.86	0.020								
0118 EX00637	39.08	0.023	0.12	5.111	66.1	53.0	1.38	1.15	1.13	0.02
0119 EX00638	40.48	0.019								
0120 EX00639	40.19	0.010	0.08	6.475	17.1	349.3	2.45	0.85	0.63	0.03

ELEMENTS	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In
UNITS	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.01	0.1	1	0.05	0.5	0.01	0.1	0.1	0.05	0.01
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0081 EX00602										
0082 EX00603	108.82	43.5	57	10.91	103.1	10.64	19.1	1.8	3.79	0.10
0083 EX00604										
0084 EX00604 Pulp Dup										
0085 EX00605	83.20	60.4	65	6.75	106.2	11.50	17.0	1.6	3.19	0.06
0086 EX00606										
0087 EX00607	96.07	45.7	70	8.38	138.5	10.64	20.4	1.9	3.60	0.11
0088 EX00608										
0089 EX00609	168.34	22.5	49	1.32	42.4	6.13	24.1	0.9	4.73	0.08
0090 EX00610										
0091 EX00611	99.49	46.9	54	8.89	119.1	13.32	17.5	1.7	2.87	0.10
0092 EX00612										
0093 EX00613	88.47	38.5	60	13.21	86.8	13.24	17.6	1.8	3.42	0.09
0094 EX00614										
0095 EX00615	93.80	41.7	42	10.86	160.1	8.97	19.9	1.8	4.47	0.10
0096 EX00616										
0097 EX00617	112.33	18.1	54	8.63	86.9	5.32	23.8	2.2	5.41	0.11
0098 EX00618										
0099 EX00619	165.75	22.0	47	1.30	43.6	6.05	23.6	0.8	4.58	0.08
0100 EX00620										
0101 EX00621	81.57	31.1	63	6.49	165.5	6.85	20.7	1.8	4.11	0.10
0102 EX00622										
0103 EX00623	92.99	26.9	61	5.92	130.2	6.49	20.3	2.0	4.85	0.10
0104 EX00624										
0105 EX00624 Pulp Dup	92.48	23.6	58	6.57	158.8	6.00	20.8	2.1	4.39	0.14
0106 EX00625	108.18	16.1	59	6.09	104.4	4.43	22.4	1.9	5.35	0.12
0107 EX00626										
0108 EX00627	103.20	19.2	64	6.27	104.7	4.75	22.5	1.9	4.80	0.11
0109 EX00628										
0110 EX00629	11.17	16.5	56	42.15	26.4	4.06	20.1	1.8	1.58	0.04
0111 EX00630										
0112 EX00631	114.58	15.8	61	5.88	102.8	4.38	25.3	2.1	5.40	0.14
0113 EX00632										
0114 EX00633	89.70	33.4	67	5.03	174.8	6.65	21.2	1.7	4.28	0.10
0115 EX00634										
0116 EX00635	112.80	35.6	54	4.94	143.6	6.29	21.3	1.6	5.02	0.11
0117 EX00636										
0118 EX00637	77.04	36.9	40	1.46	9.0	8.60	14.1	1.4	3.27	0.03
0119 EX00638										
0120 EX00639	96.12	15.9	51	5.86	66.2	4.30	17.7	1.9	3.93	0.06

ELEMENTS	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
UNITS	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
DETECTION LIMIT	0.002	0.01	0.1	0.002	1	0.1	0.01	0.05	0.5	0.005
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0081 EX00602										
0082 EX00603	3.546	51.50	54.8	1.923	4208	2.8	0.68	11.46	52.0	0.046
0083 EX00604										
0084 EX00604 Pulp Dup										
0085 EX00605	3.142	42.31	44.9	1.631	3027	3.2	0.95	10.87	60.7	0.036
0086 EX00606										
0087 EX00607	3.731	47.51	47.7	1.734	2559	3.3	0.74	12.33	61.4	0.039
0088 EX00608										
0089 EX00609	2.597	89.47	12.6	1.661	919	28.8	2.57	14.90	29.9	0.123
0090 EX00610										
0091 EX00611	2.999	45.80	50.7	2.173	5874	2.6	0.46	9.81	50.6	0.114
0092 EX00612										
0093 EX00613	2.837	42.35	51.9	2.409	7425	2.6	0.52	10.79	44.6	0.091
0094 EX00614										
0095 EX00615	3.367	47.54	47.4	1.817	1005	3.5	0.64	10.87	55.1	0.034
0096 EX00616										
0097 EX00617	4.253	57.94	49.6	1.573	724	5.2	0.50	11.40	35.2	0.037
0098 EX00618										
0099 EX00619	2.559	87.56	12.2	1.628	896	28.4	2.52	14.64	28.3	0.125
0100 EX00620										
0101 EX00621	3.497	42.19	40.4	1.540	802	5.1	0.64	8.27	58.1	0.047
0102 EX00622										
0103 EX00623	3.455	49.13	43.4	1.655	817	4.3	0.58	7.22	44.3	0.043
0104 EX00624										
0105 EX00624 Pulp Dup	3.732	49.00	41.0	1.383	425	4.0	0.47	6.89	47.3	0.052
0106 EX00625	4.230	55.93	45.6	1.496	583	5.1	0.48	8.88	36.7	0.034
0107 EX00626										
0108 EX00627	4.121	54.22	43.5	1.383	394	5.2	0.48	7.71	49.2	0.042
0109 EX00628										
0110 EX00629	3.934	4.67	14.8	1.292	607	7.0	1.77	3.17	18.4	0.078
0111 EX00630										
0112 EX00631	4.475	59.01	47.3	1.604	333	6.6	0.47	8.71	48.8	0.044
0113 EX00632										
0114 EX00633	3.870	47.73	43.3	1.586	319	7.2	0.33	5.69	55.5	0.042
0115 EX00634										
0116 EX00635	3.831	58.02	49.3	1.931	379	5.6	0.12	6.68	67.6	0.035
0117 EX00636										
0118 EX00637	0.239	39.60	93.2	7.452	1407	3.2	0.03	7.66	45.3	0.038
0119 EX00638										
0120 EX00639	3.228	46.05	49.8	2.681	809	2.0	0.22	10.61	33.0	0.029

ELEMENTS	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
UNITS	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.5	0.05	0.002	0.05	0.05	0.1	0.5	0.1	0.05	0.01
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0081 EX00602										
0082 EX00603	40.8	137.41	0.012	3.44	4.36	13.6	2.3	4.0	81.42	1.03
0083 EX00604										
0084 EX00604 Pulp Dup										
0085 EX00605	75.8	111.24	0.017	4.97	23.15	12.1	3.2	3.3	104.21	0.94
0086 EX00606										
0087 EX00607	69.1	128.74	0.017	3.78	6.25	13.9	2.3	4.5	88.49	1.07
0088 EX00608										
0089 EX00609	25.8	90.01	<0.002	0.10	0.09	18.0	<0.5	3.4	347.09	1.09
0090 EX00610										
0091 EX00611	47.5	112.50	0.015	4.81	6.85	12.9	2.8	3.9	58.56	0.82
0092 EX00612										
0093 EX00613	32.2	123.57	0.014	3.80	3.93	11.9	2.7	3.4	71.86	0.99
0094 EX00614										
0095 EX00615	44.1	134.88	0.017	3.97	12.66	12.2	5.0	4.2	49.54	1.02
0096 EX00616										
0097 EX00617	60.9	156.38	0.017	1.98	2.16	15.3	2.7	5.4	40.80	1.05
0098 EX00618										
0099 EX00619	30.0	87.76	<0.002	0.10	0.05	17.4	<0.5	3.3	341.81	1.06
0100 EX00620										
0101 EX00621	91.7	128.16	0.022	3.21	5.89	12.3	4.2	4.4	56.87	0.70
0102 EX00622										
0103 EX00623	63.9	124.59	0.020	2.89	2.44	12.7	3.3	4.3	44.80	0.57
0104 EX00624										
0105 EX00624 Pulp Dup	41.2	138.59	0.015	2.87	1.66	13.4	3.9	4.9	40.15	0.56
0106 EX00625	41.4	151.87	0.017	2.10	10.71	15.3	3.0	5.5	37.43	0.69
0107 EX00626										
0108 EX00627	53.0	153.27	0.021	2.37	2.88	14.6	3.6	5.2	34.11	0.60
0109 EX00628										
0110 EX00629	5.6	1381.18	<0.002	<0.05	0.69	13.7	<0.5	1.1	97.57	0.30
0111 EX00630										
0112 EX00631	40.6	158.96	0.030	1.88	3.71	16.5	3.2	5.7	37.65	0.65
0113 EX00632										
0114 EX00633	41.7	133.16	0.023	3.59	22.15	14.3	5.3	4.7	27.41	0.37
0115 EX00634										
0116 EX00635	37.5	131.21	0.018	3.75	12.38	14.6	5.9	5.2	16.08	0.48
0117 EX00636										
0118 EX00637	9.4	9.65	0.016	4.13	3.99	7.8	4.3	1.4	4.22	0.78
0119 EX00638										
0120 EX00639	17.7	114.24	0.013	1.81	2.39	11.3	2.7	4.2	27.23	0.95

ELEMENTS	Te	Th	Ti	Tl	U	V	W	WTDRY	WTTOT	Y
UNITS	ppm	ppm	%	ppm	ppm	ppm	ppm	g	g	ppm
DETECTION LIMIT	0.2	0.01	0.005	0.02	0.01	2	0.1	0.01	0.01	0.05
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/			4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	WT02	WT01	MS
SAMPLE NUMBERS										
0081 EX00602								3733.00	3784.00	
0082 EX00603	0.3	18.76	0.311	1.65	8.36	128	2.1	3651.00	3703.00	26.44
0083 EX00604								3834.00	3885.00	
0084 EX00604 Pulp Dup										
0085 EX00605	0.5	15.90	0.301	1.42	7.89	125	1.7	3831.00	3882.00	22.79
0086 EX00606								3743.00	3795.00	
0087 EX00607	0.3	17.57	0.347	1.50	7.46	144	2.6	3805.00	3855.00	24.18
0088 EX00608								3827.00	3879.00	
0089 EX00609	<0.2	28.04	0.777	0.50	4.07	186	2.1	60.00	60.00	47.27
0090 EX00610								3815.00	3867.00	
0091 EX00611	0.3	14.18	0.272	1.51	7.65	125	1.8	4065.00	4090.00	29.98
0092 EX00612								1684.00	1708.00	
0093 EX00613	0.3	16.72	0.275	1.71	7.80	123	1.3	1711.00	1761.00	26.97
0094 EX00614								2974.00	3027.00	
0095 EX00615	0.4	19.77	0.257	1.72	9.95	135	2.2	3271.00	3323.00	25.15
0096 EX00616								3233.00	3286.00	
0097 EX00617	0.2	23.74	0.313	1.73	11.19	197	2.9	2890.00	2943.00	29.53
0098 EX00618								3150.00	3204.00	
0099 EX00619	<0.2	28.28	0.761	0.47	3.78	187	2.4	60.00	60.00	46.96
0100 EX00620								3686.00	3739.00	
0101 EX00621	0.3	18.46	0.256	1.65	8.73	153	2.0	3096.00	3149.00	24.42
0102 EX00622								1032.00	1086.00	
0103 EX00623	0.3	19.65	0.230	1.38	8.72	170	1.9	3184.00	3238.00	28.73
0104 EX00624								3483.00	3537.00	
0105 EX00624 Pulp Dup	0.3	20.14	0.244	1.61	9.20	175	2.0			26.43
0106 EX00625	0.2	22.55	0.288	1.57	10.42	199	2.2	3646.00	3702.00	31.88
0107 EX00626								3021.00	3075.00	
0108 EX00627	0.3	21.64	0.266	1.61	11.29	229	2.1	2534.00	2588.00	29.79
0109 EX00628								3508.00	3561.00	
0110 EX00629	<0.2	0.70	0.505	11.86	0.27	111	0.3	60.00	60.00	14.68
0111 EX00630								2626.00	2680.00	
0112 EX00631	0.4	24.70	0.298	1.61	13.88	274	2.4	3555.00	3609.00	31.17
0113 EX00632								1693.00	1715.00	
0114 EX00633	0.4	19.24	0.239	1.74	11.36	213	1.9	1742.00	1787.00	24.86
0115 EX00634								3884.00	3937.00	
0116 EX00635	0.5	22.25	0.247	1.38	13.09	192	2.1	3118.00	3173.00	27.86
0117 EX00636								2702.00	2757.00	
0118 EX00637	0.3	15.05	0.191	0.13	9.80	135	1.0	3660.00	3712.00	22.35
0119 EX00638								3096.00	3154.00	
0120 EX00639	0.2	17.83	0.254	1.20	11.40	157	1.2	2760.00	2813.00	26.45

ELEMENTS	Zn	Zr	p106um	p4.75mm
UNITS	ppm	ppm	%	%
DETECTION LIMIT	1	0.1	0.01	0.01
DIGEST	4A/	4A/		
ANALYTICAL FINISH	MS	MS	/SV33	/SV34
SAMPLE NUMBERS				
0081 EX00602				
0082 EX00603	123	130.1		
0083 EX00604				
0084 EX00604 Pulp Dup				
0085 EX00605	68	112.4		
0086 EX00606				
0087 EX00607	161	122.7		
0088 EX00608				
0089 EX00609	102	173.5		
0090 EX00610				
0091 EX00611	121	97.8		
0092 EX00612				
0093 EX00613	156	112.0		
0094 EX00614				
0095 EX00615	98	145.3		
0096 EX00616				
0097 EX00617	241	167.4		
0098 EX00618				
0099 EX00619	102	168.3		
0100 EX00620				
0101 EX00621	272	151.3	98.36	100.00
0102 EX00622				
0103 EX00623	123	168.9		
0104 EX00624				
0105 EX00624 Pulp Dup	252	154.9		
0106 EX00625	164	178.0		
0107 EX00626				
0108 EX00627	163	158.4		
0109 EX00628				
0110 EX00629	51	55.7		
0111 EX00630				
0112 EX00631	245	174.0		
0113 EX00632				
0114 EX00633	101	142.3		
0115 EX00634				
0116 EX00635	68	153.2		
0117 EX00636				
0118 EX00637	49	99.5		
0119 EX00638				
0120 EX00639	33	130.1		

ELEMENTS	BUTTON	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd
UNITS	g	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
DETECTION LIMIT	0.01	0.005	0.05	0.005	0.2	0.1	0.05	0.01	0.05	0.02
DIGEST	FA50/	FA50/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0121 EX00640	37.97	<0.005								
0122 EX00641	37.51	<0.005	<0.05	6.655	19.7	368.1	2.44	0.74	0.27	0.06
0123 EX00642	39.86	0.009								
0124 EX00643	35.58	<0.005	0.08	7.121	6.9	386.6	2.56	0.60	0.12	0.18
0125 EX00644	37.55	0.006								
0126 EX00644 Pulp Dup	37.69	0.006								
0127 EX00645	39.82	0.006	0.28	6.427	2.8	336.2	2.22	1.38	0.26	0.26
0128 EX00646	36.51	<0.005								
0129 EX00647	34.04	<0.005	0.05	4.599	1.6	231.6	1.31	0.38	0.07	0.05
0130 EX00648	34.57	<0.005								
0131 EX00649	41.15	2.481	10.85	8.016	0.6	1690.8	2.01	0.36	3.75	0.09
0132 EX00650	42.11	0.014								
0133 EX00651	42.12	0.006	0.18	5.634	17.6	303.3	1.82	0.78	0.13	0.24
0134 EX00652	40.64	<0.005								
0135 EX00653	41.67	<0.005	0.21	6.011	8.9	335.2	2.15	0.95	0.07	0.07
0136 EX00654	41.19	<0.005								
0137 EX00655		0.006	0.79	6.156	60.8	374.5	2.54	2.16	0.21	0.16
0138 EX00656	37.33	0.006								
0139 EX00657	38.67	0.019	1.07	7.548	59.4	447.7	3.09	3.16	0.69	1.03
0140 EX00658	39.42	0.014								
0141 EX00659	40.63	0.007	0.45	5.345	71.1	267.1	2.40	2.40	7.70	1.03
0142 EX00660	42.11	0.012								
0143 EX00661	41.44	0.010	0.38	5.767	39.1	319.5	2.37	2.65	2.34	0.42
0144 EX00662	39.49	<0.005								
0145 EX00663	37.89	0.018	0.69	5.673	83.3	330.3	2.35	3.94	0.80	0.85
0146 EX00664	41.39	0.013								
0147 EX00664 Pulp Dup	42.37	0.013	0.45	6.069	73.5	366.3	2.48	2.95	4.53	0.55
0148 EX00665	36.96	0.006	0.20	5.410	38.1	278.3	2.39	1.73	7.87	0.64
0149 EX00666	41.35	<0.005								
0150 EX00667	40.44	0.009	0.29	5.881	26.1	344.6	2.49	2.50	4.12	0.56
0151 EX00668	42.41	0.013								
0152 EX00669	35.92	1.204	4.17	6.742	0.5	56.0	2.04	3.62	2.86	0.06
0153 EX00670	39.84	0.005								
0154 EX00671	41.77	0.005	0.26	5.223	49.1	264.5	2.36	1.90	7.69	0.69
0155 EX00672	40.77	0.012								
0156 EX00673	41.18	0.011	0.39	6.998	63.1	438.5	2.70	2.90	1.52	1.62
0157 EX00674	42.08	<0.005								
0158 EX00675	39.53	0.006	0.31	5.195	36.8	297.0	2.44	2.69	6.57	0.52
0159 EX00676	39.65	<0.005								
0160 EX00677	44.12	<0.005	0.31	6.848	10.8	441.1	2.93	2.57	3.16	0.57

ELEMENTS	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In
UNITS	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.01	0.1	1	0.05	0.5	0.01	0.1	0.1	0.05	0.01
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0121 EX00640										
0122 EX00641	93.97	10.6	45	5.22	68.0	2.55	19.2	2.1	4.27	0.07
0123 EX00642										
0124 EX00643	105.37	11.0	41	6.17	70.5	2.73	20.1	1.9	4.39	0.08
0125 EX00644										
0126 EX00644 Pulp Dup										
0127 EX00645	98.82	14.9	36	6.00	122.1	3.04	17.9	1.9	4.29	0.08
0128 EX00646										
0129 EX00647	62.11	4.6	30	4.04	37.7	1.79	12.8	2.1	2.55	0.05
0130 EX00648										
0131 EX00649	168.13	22.2	44	1.27	44.4	6.11	23.8	0.7	4.69	0.07
0132 EX00650										
0133 EX00651	77.12	9.4	47	4.11	107.8	2.75	15.9	1.9	3.65	0.07
0134 EX00652										
0135 EX00653	85.85	6.5	47	3.64	54.7	2.49	16.6	1.9	4.20	0.07
0136 EX00654										
0137 EX00655	68.36	22.9	89	3.54	170.0	7.12	16.3	1.6	2.77	0.04
0138 EX00656										
0139 EX00657	127.89	56.7	72	4.31	188.6	10.53	21.0	1.8	4.29	0.12
0140 EX00658										
0141 EX00659	91.00	30.9	39	6.52	108.1	7.60	14.9	1.2	3.44	0.11
0142 EX00660										
0143 EX00661	91.57	31.6	57	3.16	153.6	9.56	16.0	1.4	3.18	0.10
0144 EX00662										
0145 EX00663	66.03	143.3	56	3.31	141.7	13.58	15.6	1.1	2.98	0.13
0146 EX00664										
0147 EX00664 Pulp Dup	103.52	32.1	55	5.34	107.9	8.03	16.7	1.2	3.27	0.09
0148 EX00665	106.46	20.8	37	7.71	124.3	6.42	15.6	1.0	3.52	0.10
0149 EX00666										
0150 EX00667	101.73	24.1	45	6.25	133.3	5.73	17.1	1.5	3.65	0.19
0151 EX00668										
0152 EX00669	10.58	16.3	54	42.54	26.2	3.94	19.2	1.6	1.59	0.04
0153 EX00670										
0154 EX00671	95.91	18.1	41	6.46	103.5	5.81	15.3	1.5	3.49	0.10
0155 EX00672										
0156 EX00673	114.14	32.8	70	5.59	142.0	8.94	20.7	1.6	3.96	0.15
0157 EX00674										
0158 EX00675	89.02	21.0	34	7.06	108.8	5.18	15.2	1.1	3.10	0.13
0159 EX00676										
0160 EX00677	131.06	22.1	48	6.27	109.7	4.95	20.3	1.9	4.67	0.17

ELEMENTS	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
UNITS	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
DETECTION LIMIT	0.002	0.01	0.1	0.002	1	0.1	0.01	0.05	0.5	0.005
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0121 EX00640										
0122 EX00641	3.573	43.72	37.2	1.096	142	0.9	0.10	9.89	24.0	0.119
0123 EX00642										
0124 EX00643	3.800	51.46	40.2	1.326	126	0.7	0.16	9.68	25.0	0.047
0125 EX00644										
0126 EX00644 Pulp Dup										
0127 EX00645	3.441	47.96	37.3	1.282	206	1.3	0.21	8.76	30.9	0.048
0128 EX00646										
0129 EX00647	2.460	31.71	29.7	0.848	67	0.4	0.21	6.09	14.6	0.025
0130 EX00648										
0131 EX00649	2.592	90.18	12.4	1.665	905	36.8	2.59	14.80	28.6	0.124
0132 EX00650										
0133 EX00651	3.134	39.87	39.5	0.891	85	2.3	0.09	5.90	34.3	0.052
0134 EX00652										
0135 EX00653	3.218	44.08	45.1	1.299	176	0.9	0.08	7.07	19.8	0.023
0136 EX00654										
0137 EX00655	2.854	37.23	37.4	1.329	347	19.7	0.53	4.17	86.9	0.039
0138 EX00656										
0139 EX00657	3.823	56.18	41.1	1.220	2312	18.1	0.47	5.20	117.9	0.071
0140 EX00658										
0141 EX00659	2.503	40.59	33.5	3.154	1.87%	11.4	0.62	5.31	55.4	0.053
0142 EX00660										
0143 EX00661	2.719	40.86	39.4	2.876	5418	21.3	0.20	4.38	80.9	0.042
0144 EX00662										
0145 EX00663	2.941	33.49	26.9	1.181	1714	28.7	0.13	3.69	101.1	0.028
0146 EX00664										
0147 EX00664 Pulp Dup	3.078	44.24	29.9	2.167	1.18%	21.4	0.43	4.71	70.0	0.045
0148 EX00665	2.669	46.46	30.7	3.095	1.78%	5.1	0.56	5.71	50.5	0.064
0149 EX00666										
0150 EX00667	2.990	47.85	30.3	2.136	8610	3.5	0.48	8.19	63.3	0.050
0151 EX00668										
0152 EX00669	3.797	4.38	14.6	1.271	588	7.2	1.73	3.01	18.4	0.077
0153 EX00670										
0154 EX00671	2.441	42.47	34.2	3.037	1.70%	4.5	0.69	7.05	48.4	0.057
0155 EX00672										
0156 EX00673	3.569	51.91	35.9	1.559	7063	20.7	0.52	5.09	84.7	0.060
0157 EX00674										
0158 EX00675	2.594	39.93	31.4	2.695	1.32%	4.0	0.58	5.56	53.9	0.093
0159 EX00676										
0160 EX00677	3.726	62.33	37.9	1.879	6315	4.1	0.34	7.25	64.2	0.077

ELEMENTS	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
UNITS	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.5	0.05	0.002	0.05	0.05	0.1	0.5	0.1	0.05	0.01
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0121 EX00640										
0122 EX00641	15.5	120.84	0.007	1.07	1.13	10.4	2.2	4.4	21.73	0.96
0123 EX00642										
0124 EX00643	24.4	133.22	0.007	1.05	1.60	11.3	2.2	4.7	23.05	0.97
0125 EX00644										
0126 EX00644 Pulp Dup										
0127 EX00645	40.5	125.41	0.019	1.41	2.84	10.5	2.7	4.4	30.24	0.86
0128 EX00646										
0129 EX00647	10.9	94.51	<0.002	0.78	1.26	8.0	2.0	2.9	22.00	0.45
0130 EX00648										
0131 EX00649	24.8	88.29	<0.002	0.09	0.07	18.0	<0.5	3.2	342.74	1.07
0132 EX00650										
0133 EX00651	15.6	115.79	0.017	1.44	1.32	10.1	3.4	3.7	14.05	0.54
0134 EX00652										
0135 EX00653	16.2	110.79	0.013	1.05	2.82	10.2	2.0	4.0	13.22	0.65
0136 EX00654										
0137 EX00655	28.8	103.55	0.034	5.36	12.26	12.9	6.9	3.9	37.69	0.33
0138 EX00656										
0139 EX00657	49.3	136.99	0.050	7.82	13.91	15.7	7.4	4.6	47.33	0.39
0140 EX00658										
0141 EX00659	44.1	102.35	0.021	4.19	5.23	11.5	2.9	3.2	178.63	0.43
0142 EX00660										
0143 EX00661	22.5	89.96	0.034	5.34	3.32	12.7	5.0	3.7	30.39	0.31
0144 EX00662										
0145 EX00663	33.6	98.16	0.069	>10.00	7.90	11.6	8.8	4.1	17.28	0.25
0146 EX00664										
0147 EX00664 Pulp Dup	37.2	110.89	0.040	4.79	5.06	13.6	4.2	3.8	104.50	0.34
0148 EX00665	39.0	113.21	0.016	3.29	1.91	11.8	3.1	3.3	190.70	0.63
0149 EX00666										
0150 EX00667	56.6	111.06	0.024	2.81	2.15	12.0	3.7	3.9	131.43	0.67
0151 EX00668										
0152 EX00669	5.6	1353.22	<0.002	<0.05	0.69	13.5	<0.5	1.2	94.34	0.38
0153 EX00670										
0154 EX00671	45.6	100.46	0.020	2.96	4.32	10.6	2.6	3.0	205.42	0.58
0155 EX00672										
0156 EX00673	45.4	127.70	0.056	5.24	6.14	15.7	3.4	4.7	74.53	0.38
0157 EX00674										
0158 EX00675	51.4	109.54	0.020	2.28	2.89	10.8	3.0	3.4	191.88	0.46
0159 EX00676										
0160 EX00677	137.4	135.83	0.019	2.74	5.29	12.6	2.9	5.0	105.44	0.59

ELEMENTS	Te	Th	Ti	Tl	U	V	W	WTDRY	WTTOT	Y
UNITS	ppm	ppm	%	ppm	ppm	ppm	ppm	g	g	ppm
DETECTION LIMIT	0.2	0.01	0.005	0.02	0.01	2	0.1	0.01	0.01	0.05
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/			4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	WT02	WT01	MS
SAMPLE NUMBERS										
0121 EX00640								3032.00	3083.00	
0122 EX00641	<0.2	19.41	0.244	1.16	8.00	152	1.5	3230.00	3283.00	26.39
0123 EX00642								3304.00	3356.00	
0124 EX00643	<0.2	20.51	0.262	1.38	8.96	170	1.6	3372.00	3425.00	22.85
0125 EX00644								3875.00	3928.00	
0126 EX00644 Pulp Dup										
0127 EX00645	0.2	18.65	0.238	1.38	9.75	152	1.3	3857.00	3962.00	24.84
0128 EX00646								3874.00	3910.00	
0129 EX00647	<0.2	11.40	0.167	1.02	4.88	71	1.0	3096.00	3131.00	14.21
0130 EX00648								3323.00	3386.00	
0131 EX00649	<0.2	27.42	0.773	0.48	3.88	175	2.6	60.00	60.00	46.54
0132 EX00650								3811.00	3864.00	
0133 EX00651	0.2	16.53	0.188	1.22	11.84	202	1.1	3128.00	3181.00	19.50
0134 EX00652								1586.00	1604.00	
0135 EX00653	<0.2	18.26	0.187	1.04	7.48	215	1.2	1621.00	1669.00	22.17
0136 EX00654								3080.00	3134.00	
0137 EX00655	0.5	16.58	0.171	1.39	19.46	354	2.7	3680.00	3738.00	17.14
0138 EX00656								3335.00	3388.00	
0139 EX00657	1.1	20.34	0.239	2.63	12.01	283	4.4	3620.00	3673.00	25.84
0140 EX00658								3416.00	3470.00	
0141 EX00659	0.6	14.81	0.185	1.93	5.83	143	3.2	3979.00	4034.00	25.72
0142 EX00660								3609.00	3664.00	
0143 EX00661	0.7	14.31	0.197	1.34	9.52	183	4.0	3443.00	3496.00	23.62
0144 EX00662								1005.00	1058.00	
0145 EX00663	1.1	13.32	0.195	1.66	10.91	221	4.7	3495.00	3548.00	20.55
0146 EX00664								4460.00	4514.00	
0147 EX00664 Pulp Dup	0.7	15.16	0.207	1.95	9.32	186	4.7			24.06
0148 EX00665	0.4	15.10	0.201	2.12	6.21	178	3.3	3173.00	3226.00	29.64
0149 EX00666								3711.00	3764.00	
0150 EX00667	0.4	15.95	0.245	1.70	6.52	229	3.8	3665.00	3718.00	25.62
0151 EX00668								3520.00	3573.00	
0152 EX00669	<0.2	0.63	0.487	11.69	0.26	99	0.3	60.00	60.00	14.10
0153 EX00670								3678.00	3731.00	
0154 EX00671	0.3	14.47	0.206	1.83	5.88	172	3.3	3480.00	3533.00	28.15
0155 EX00672								1888.00	1927.00	
0156 EX00673	0.7	17.53	0.239	2.16	12.08	234	5.3	1813.00	1869.00	30.21
0157 EX00674								3796.00	3833.00	
0158 EX00675	0.4	13.78	0.191	1.88	6.54	209	3.7	3488.00	3522.00	23.62
0159 EX00676								3702.00	3767.00	
0160 EX00677	0.4	20.97	0.247	2.09	9.14	212	4.4	3462.00	3504.00	28.35

ELEMENTS	Zn	Zr	p106um	p4.75mm
UNITS	ppm	ppm	%	%
DETECTION LIMIT	1	0.1	0.01	0.01
DIGEST	4A/	4A/		
ANALYTICAL FINISH	MS	MS	/SV33	/SV34
SAMPLE NUMBERS				
0121 EX00640				
0122 EX00641	26	129.2	97.82	100.00
0123 EX00642				
0124 EX00643	71	141.0		
0125 EX00644				
0126 EX00644 Pulp Dup				
0127 EX00645	85	142.8		
0128 EX00646				
0129 EX00647	20	100.5		
0130 EX00648				
0131 EX00649	101	161.1		
0132 EX00650				
0133 EX00651	55	119.7		
0134 EX00652				
0135 EX00653	20	139.3		
0136 EX00654				
0137 EX00655	33	93.1		
0138 EX00656				
0139 EX00657	146	143.4		
0140 EX00658				
0141 EX00659	166	117.2		
0142 EX00660				
0143 EX00661	69	111.4	96.77	100.00
0144 EX00662				
0145 EX00663	122	102.5		
0146 EX00664				
0147 EX00664 Pulp Dup	103	115.3	96.38	
0148 EX00665	129	118.2		
0149 EX00666				
0150 EX00667	121	132.3		
0151 EX00668				
0152 EX00669	51	55.0		
0153 EX00670				
0154 EX00671	130	120.6		
0155 EX00672				
0156 EX00673	209	128.1		
0157 EX00674				
0158 EX00675	120	107.3		
0159 EX00676				
0160 EX00677	121	159.6		

ELEMENTS	BUTTON	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd
UNITS	g	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
DETECTION LIMIT	0.01	0.005	0.05	0.005	0.2	0.1	0.05	0.01	0.05	0.02
DIGEST	FA50/	FA50/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0161 EX00678	38.81	<0.005								
0162 EX00679	41.72	<0.005	0.36	4.874	39.0	237.0	2.32	1.86	7.86	0.57
0163 EX00680	39.40	0.007								
0164 EX00681	40.77	0.007	0.70	7.756	5.5	447.2	2.76	2.00	0.48	0.64
0165 EX00682	40.40	0.006								
0166 EX00683		0.009	1.27	5.886	98.0	432.2	2.10	1.54	0.34	6.07
0167 EX00684		0.008								
0168 EX00684 Pulp Dup		0.009								
0169 EX00685		0.008	1.23	7.582	219.1	434.1	2.63	1.64	0.30	2.31
0170 EX00686		0.007								
0171 EX00687		0.009	1.56	5.264	40.0	320.6	1.81	1.35	0.25	2.40
0172 EX00688		0.008								
0173 EX00689		2.570	10.70	7.769	0.5	1719.0	2.01	0.51	3.62	0.07
0174 EX00690		0.010								
0175 EX00691		0.012	1.25	6.488	21.0	406.4	2.31	1.35	0.25	3.30
0176 EX00692		0.009								
0177 EX00693		0.008	1.04	5.945	27.3	318.3	2.11	1.12	0.19	2.57
0178 EX00694		0.008								
0179 EX00695		0.008	1.17	5.514	25.8	163.8	2.08	1.08	0.34	4.93
0180 EX00696		0.011								
0181 EX00697		0.009	1.07	5.310	21.8	197.7	2.01	0.79	0.45	4.43
0182 EX00698		0.007								
0183 EX00699		0.009	0.82	7.409	17.1	499.5	2.62	0.82	0.41	2.93
0184 EX00700		0.009								
0185 EX00701		0.029	0.95	6.723	26.3	414.7	2.60	1.10	0.28	4.69
0186 EX00702		<0.005								
0187 EX00703		0.013	1.93	5.118	51.2	99.4	1.86	1.26	0.54	4.05
0188 EX00704		0.011								
0189 EX00704 Pulp Dup		0.007	1.59	5.591	44.3	272.5	2.07	0.94	0.49	3.37
0190 EX00705		0.007	0.80	7.798	93.3	421.6	2.47	1.09	0.12	2.35
CHECKS										
0001 EX00539	41.00	0.010								
0002 EX00555	41.00	0.006								
0003 EX00578	40.69	0.012								
0004 EX00601	41.82	0.005								
0005 EX00607	40.36	0.013								
0006 EX00636	41.72	0.019								
0007 EX00647	39.58	<0.005								
0008 EX00678	42.31	<0.005								

ELEMENTS	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In
UNITS	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.01	0.1	1	0.05	0.5	0.01	0.1	0.1	0.05	0.01
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0161 EX00678										
0162 EX00679	97.51	26.6	28	6.45	88.7	6.72	14.4	0.9	3.25	0.09
0163 EX00680										
0164 EX00681	130.82	27.5	61	4.49	153.7	6.82	21.7	2.1	4.67	0.10
0165 EX00682										
0166 EX00683	63.01	32.9	89	2.98	132.3	13.73	16.8	1.0	2.77	0.08
0167 EX00684										
0168 EX00684 Pulp Dup										
0169 EX00685	96.21	34.6	71	4.18	157.3	11.35	20.9	1.2	5.13	0.08
0170 EX00686										
0171 EX00687	53.37	33.2	84	3.16	195.6	11.61	14.6	1.1	2.40	0.07
0172 EX00688										
0173 EX00689	163.14	21.9	47	1.28	42.1	5.99	23.3	0.8	4.85	0.08
0174 EX00690										
0175 EX00691	87.13	29.4	88	4.40	162.3	12.20	19.4	1.5	3.02	0.08
0176 EX00692										
0177 EX00693	66.87	31.0	78	3.95	178.5	12.00	16.7	1.5	2.92	0.08
0178 EX00694										
0179 EX00695	55.77	33.1	78	3.56	301.8	13.46	15.5	1.4	2.40	0.10
0180 EX00696										
0181 EX00697	67.12	36.0	71	3.70	179.9	13.04	14.2	1.2	2.36	0.11
0182 EX00698										
0183 EX00699	106.60	18.7	99	5.59	159.4	7.00	22.0	2.0	3.36	0.11
0184 EX00700										
0185 EX00701	75.89	27.4	84	4.88	140.3	9.89	19.8	1.6	2.98	0.13
0186 EX00702										
0187 EX00703	62.61	51.8	65	3.16	393.9	14.69	14.3	1.1	2.35	0.11
0188 EX00704										
0189 EX00704 Pulp Dup	75.44	26.0	78	4.57	231.0	9.73	16.3	1.5	2.63	0.10
0190 EX00705	95.11	30.7	79	5.18	242.7	10.56	21.9	1.8	4.29	0.06
CHECKS										
0001 EX00539										
0002 EX00555										
0003 EX00578										
0004 EX00601										
0005 EX00607										
0006 EX00636										
0007 EX00647										
0008 EX00678										

ELEMENTS	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
UNITS	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
DETECTION LIMIT	0.002	0.01	0.1	0.002	1	0.1	0.01	0.05	0.5	0.005
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0161 EX00678										
0162 EX00679	2.247	42.53	31.2	3.038	1.77%	9.1	0.96	4.73	48.0	0.069
0163 EX00680										
0164 EX00681	4.070	60.25	45.5	1.115	1110	18.6	0.37	5.65	75.0	0.078
0165 EX00682										
0166 EX00683	2.937	33.82	32.7	1.121	766	19.6	0.22	3.79	134.6	0.046
0167 EX00684										
0168 EX00684 Pulp Dup										
0169 EX00685	3.676	48.47	36.6	0.962	484	19.6	0.83	5.65	118.6	0.078
0170 EX00686										
0171 EX00687	2.744	29.37	27.0	0.822	492	18.8	0.42	3.84	121.8	0.033
0172 EX00688										
0173 EX00689	2.497	87.21	12.1	1.614	891	30.1	2.51	14.70	28.4	0.123
0174 EX00690										
0175 EX00691	3.393	45.05	34.8	0.922	395	20.9	0.50	4.78	123.8	0.077
0176 EX00692										
0177 EX00693	2.974	36.32	31.6	0.942	479	18.8	0.63	4.27	116.5	0.032
0178 EX00694										
0179 EX00695	2.758	29.63	29.6	0.895	748	20.3	0.49	3.37	140.3	0.041
0180 EX00696										
0181 EX00697	2.798	33.22	27.1	0.877	975	12.5	0.52	3.61	131.3	0.055
0182 EX00698										
0183 EX00699	3.153	52.05	38.1	1.130	823	18.2	0.53	5.84	82.4	0.094
0184 EX00700										
0185 EX00701	3.564	38.79	35.6	0.977	689	22.0	0.54	4.10	96.0	0.050
0186 EX00702										
0187 EX00703	2.511	31.54	29.1	1.084	1070	18.3	0.49	2.97	156.0	0.058
0188 EX00704										
0189 EX00704 Pulp Dup	2.887	38.25	31.4	1.014	1123	17.6	0.58	4.42	107.3	0.060
0190 EX00705	3.889	49.56	39.3	1.043	291	19.7	0.94	6.48	121.3	0.035

CHECKS
0001 EX00539
0002 EX00555
0003 EX00578
0004 EX00601
0005 EX00607
0006 EX00636
0007 EX00647
0008 EX00678

ELEMENTS	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
UNITS	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.5	0.05	0.002	0.05	0.05	0.1	0.5	0.1	0.05	0.01
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0161 EX00678										
0162 EX00679	31.8	101.07	0.017	3.81	8.96	11.3	2.7	2.8	220.61	0.45
0163 EX00680										
0164 EX00681	38.3	146.56	0.041	4.06	11.94	17.9	4.7	4.8	39.76	0.36
0165 EX00682										
0166 EX00683	64.2	106.05	0.033	7.44	14.29	12.7	9.2	4.2	20.89	0.28
0167 EX00684										
0168 EX00684 Pulp Dup										
0169 EX00685	54.7	138.08	0.037	6.59	12.39	14.2	7.3	5.0	55.58	0.45
0170 EX00686										
0171 EX00687	70.7	98.38	0.032	7.36	27.86	10.9	7.7	3.5	33.27	0.29
0172 EX00688										
0173 EX00689	24.8	86.55	<0.002	0.09	0.08	17.6	<0.5	3.4	339.24	1.08
0174 EX00690										
0175 EX00691	59.3	124.81	0.044	7.48	13.10	13.7	8.1	4.4	42.40	0.41
0176 EX00692										
0177 EX00693	50.6	108.43	0.035	7.31	12.22	12.2	8.3	4.0	48.02	0.36
0178 EX00694										
0179 EX00695	41.1	101.70	0.045	8.17	12.37	11.2	8.9	3.5	38.14	0.24
0180 EX00696										
0181 EX00697	30.3	100.22	0.037	7.91	12.98	10.3	10.0	3.3	42.41	0.26
0182 EX00698										
0183 EX00699	24.8	108.62	0.060	4.22	14.87	14.3	5.4	4.7	44.39	0.44
0184 EX00700										
0185 EX00701	35.2	127.00	0.050	6.17	7.99	13.2	8.0	4.0	42.71	0.31
0186 EX00702										
0187 EX00703	53.1	87.45	0.039	9.78	35.16	10.3	12.1	3.2	35.28	0.23
0188 EX00704										
0189 EX00704 Pulp Dup	44.2	107.76	0.042	6.36	30.15	11.8	7.9	3.3	47.37	0.36
0190 EX00705	31.4	141.25	0.033	6.46	8.22	16.4	8.5	4.5	66.52	0.52

CHECKS
0001 EX00539
0002 EX00555
0003 EX00578
0004 EX00601
0005 EX00607
0006 EX00636
0007 EX00647
0008 EX00678

ELEMENTS	Te	Th	Ti	Tl	U	V	W	WTDRY	WTTOT	Y
UNITS	ppm	ppm	%	ppm	ppm	ppm	ppm	g	g	ppm
DETECTION LIMIT	0.2	0.01	0.005	0.02	0.01	2	0.1	0.01	0.01	0.05
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/			4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	WT02	WT01	MS
SAMPLE NUMBERS										
0161 EX00678								3525.00	3578.00	
0162 EX00679	0.5	13.86	0.171	2.03	6.02	155	2.6	3298.00	3350.00	24.94
0163 EX00680								4029.00	4084.00	
0164 EX00681	0.4	19.91	0.267	2.77	12.77	238	4.1	3303.00	3356.00	28.94
0165 EX00682								3808.00	3862.00	
0166 EX00683	0.3	14.93	0.194	1.91	19.83	336	2.9	3447.00	3503.00	18.34
0167 EX00684								4020.00	4074.00	
0168 EX00684 Pulp Dup										
0169 EX00685	0.4	24.45	0.255	2.91	21.33	352	3.6	3424.00	3477.00	29.58
0170 EX00686								3785.00	3841.00	
0171 EX00687	0.3	14.13	0.166	1.82	19.87	342	2.7	3671.00	3725.00	16.91
0172 EX00688								3491.00	3546.00	
0173 EX00689	<0.2	27.03	0.751	0.47	3.97	151	2.5	60.00	60.00	46.04
0174 EX00690								3468.00	3524.00	
0175 EX00691	0.4	18.64	0.216	2.57	26.39	483	3.1	3608.00	3665.00	22.63
0176 EX00692								1778.00	1835.00	
0177 EX00693	0.3	16.83	0.190	2.06	21.13	374	2.7	1746.00	1801.00	19.36
0178 EX00694								3829.00	3885.00	
0179 EX00695	0.4	14.14	0.166	2.09	20.47	416	2.5	3168.00	3222.00	18.62
0180 EX00696								3799.00	3854.00	
0181 EX00697	<0.2	13.79	0.160	2.28	13.89	402	2.2	3457.00	3510.00	17.57
0182 EX00698								3715.00	3770.00	
0183 EX00699	<0.2	20.34	0.240	3.08	21.94	563	3.2	4102.00	4156.00	25.97
0184 EX00700								3248.00	3301.00	
0185 EX00701	0.4	18.01	0.203	2.84	23.12	478	3.0	4068.00	4144.00	20.75
0186 EX00702								1063.00	1116.00	
0187 EX00703	0.4	12.95	0.148	1.83	18.72	407	2.4	3763.00	3819.00	18.00
0188 EX00704								3543.00	3597.00	
0189 EX00704 Pulp Dup	0.2	14.73	0.180	2.45	19.70	432	2.4			19.54
0190 EX00705	0.4	20.81	0.250	3.01	21.35	309	2.3	3293.00	3347.00	27.47

CHECKS
0001 EX00539
0002 EX00555
0003 EX00578
0004 EX00601
0005 EX00607
0006 EX00636
0007 EX00647
0008 EX00678

ELEMENTS	Zn	Zr	p106um	p4.75mm
UNITS	ppm	ppm	%	%
DETECTION LIMIT	1	0.1	0.01	0.01
DIGEST	4A/	4A/		
ANALYTICAL FINISH	MS	MS	/SV33	/SV34
SAMPLE NUMBERS				
0161 EX00678				
0162 EX00679	105	112.6		
0163 EX00680				
0164 EX00681	95	162.0	95.38	100.00
0165 EX00682				
0166 EX00683	893	92.5		
0167 EX00684				
0168 EX00684 Pulp Dup				
0169 EX00685	367	168.6		
0170 EX00686				
0171 EX00687	375	80.7		
0172 EX00688				
0173 EX00689	100	176.8		
0174 EX00690				
0175 EX00691	512	100.3		
0176 EX00692				
0177 EX00693	384	94.3		
0178 EX00694				
0179 EX00695	663	82.0		
0180 EX00696				
0181 EX00697	573	79.5		
0182 EX00698				
0183 EX00699	375	113.0		
0184 EX00700				
0185 EX00701	624	98.8	97.18	100.00
0186 EX00702				
0187 EX00703	544	75.2		
0188 EX00704				
0189 EX00704 Pulp Dup	447	87.2		
0190 EX00705	320	138.3		

CHECKS
0001 EX00539
0002 EX00555
0003 EX00578
0004 EX00601
0005 EX00607
0006 EX00636
0007 EX00647
0008 EX00678

ELEMENTS	BUTTON	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd
UNITS	g	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
DETECTION LIMIT	0.01	0.005	0.05	0.005	0.2	0.1	0.05	0.01	0.05	0.02
DIGEST	FA50/	FA50/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	MS	MS	MS	MS	MS	MS	MS	MS
RESPLITS										
0009 EX00534	43.00	0.012								
0010 EX00554	41.00	0.007	0.11	8.531	19.9	552.6	3.61	1.18	0.29	0.32
0011 EX00574	40.48	0.016								
0012 EX00594	39.37	0.011	0.36	5.586	50.1	405.8	2.69	0.82	2.03	0.42
0013 EX00614	41.68	0.009								
0014 EX00634	40.79	0.020	0.45	8.194	40.0	526.2	2.90	1.93	0.12	0.64
0015 EX00654	43.06	<0.005								
0016 EX00674	38.10	<0.005	0.33	4.847	26.0	238.2	2.24	1.59	8.63	0.77
0017 EX00694		0.006								
STANDARDS										
0001 ST791	50.00	13.971								
0002 ST589	34.02	2.572								
0003 ST643	32.03	5.274								
0004 OREAS 45d			0.07	7.976	13.4	180.2	0.71	0.32	0.18	0.04
0005 ST690	50.00	1.017								
0006 ST798	35.33	0.096								
0007 ST710	33.76	0.292								
0008 ST734	33.89	0.499								
0009 ST593	34.74	0.048								
0010 ST692		9.737								
0011 OREAS 602			120.81	4.560	692.9		0.79	61.91	0.63	25.46
0012 OREAS 905			0.47	7.976	36.1	2896.7	3.12	6.17	0.63	0.36
0013 AMIS0167			0.88	1.218	159.0	85.1	0.42	1.02	0.09	0.41
0014 OREAS 927			3.81	6.228	16.2	313.5	1.68	54.14	0.39	0.96
0015 OREAS 603			304.39	3.916	1832.4		0.70	156.83	0.29	56.24
BLANKS										
0001 Control Blank	37.00	<0.005								
0002 Control Blank		<0.005								
0003 Control Blank	37.39	<0.005								
0004 Control Blank	36.03	<0.005								
0005 Control Blank	36.48	<0.005								
0006 Control Blank	34.21	<0.005								
0007 Control Blank	37.07	<0.005								
0008 Control Blank		<0.005								
0009 Control Blank		<0.005								
0010 Control Blank			<0.05	<0.005	<0.2	<0.1	<0.05	<0.01	<0.05	<0.02
0011 Control Blank			<0.05	<0.005	<0.2	<0.1	<0.05	<0.01	<0.05	<0.02

ELEMENTS	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In
UNITS	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.01	0.1	1	0.05	0.5	0.01	0.1	0.1	0.05	0.01
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
RESPLITS										
0009 EX00534										
0010 EX00554	118.34	20.0	60	9.42	77.4	5.55	24.0	2.2	4.52	0.11
0011 EX00574										
0012 EX00594	82.83	49.4	46	9.41	111.0	13.55	15.5	1.5	2.68	0.08
0013 EX00614										
0014 EX00634	105.28	30.8	65	5.71	191.1	6.93	23.2	1.7	4.86	0.12
0015 EX00654										
0016 EX00674	88.81	17.2	29	6.70	91.1	6.76	14.5	1.4	3.34	0.09
0017 EX00694										
STANDARDS										
0001 ST791										
0002 ST589										
0003 ST643										
0004 OREAS 45d	38.33	29.7	572	3.79	374.1	14.92	20.9	1.0	3.78	0.09
0005 ST690										
0006 ST798										
0007 ST710										
0008 ST734										
0009 ST593										
0010 ST692										
0011 OREAS 602	33.95	10.4	31	2.78	5296.1	2.35	22.6	4.0	2.63	5.51
0012 OREAS 905	105.12	15.6	20	7.11	1582.1	4.44	26.9	1.2	7.17	0.69
0013 AMIS0167	48.47	36.4	360	1.12	59.2	2.40	3.0	0.8	1.76	0.01
0014 OREAS 927	76.99	29.1	62	5.12	1.06%	8.71	17.3	1.4	2.73	1.11
0015 OREAS 603	27.78	15.9	33	1.66	1.02%	2.97	23.6	9.3	2.59	11.94
BLANKS										
0001 Control Blank										
0002 Control Blank										
0003 Control Blank										
0004 Control Blank										
0005 Control Blank										
0006 Control Blank										
0007 Control Blank										
0008 Control Blank										
0009 Control Blank										
0010 Control Blank	<0.01	<0.1	<1	<0.05	<0.5	<0.01	<0.1	<0.1	<0.05	<0.01
0011 Control Blank	<0.01	<0.1	<1	<0.05	<0.5	<0.01	<0.1	<0.1	<0.05	<0.01

ELEMENTS	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
UNITS	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
DETECTION LIMIT	0.002	0.01	0.1	0.002	1	0.1	0.01	0.05	0.5	0.005
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
RESPLITS										
0009 EX00534										
0010 EX00554	4.235	54.83	40.6	1.636	988	1.7	0.47	13.75	33.8	0.047
0011 EX00574										
0012 EX00594	2.519	38.55	49.8	2.791	6139	2.0	0.71	8.84	48.2	0.106
0013 EX00614										
0014 EX00634	4.118	54.91	48.0	1.754	300	6.6	0.27	5.88	69.7	0.037
0015 EX00654										
0016 EX00674	2.374	40.86	34.7	3.237	1.90%	5.3	0.57	6.14	46.1	0.049
0017 EX00694										
STANDARDS										
0001 ST791										
0002 ST589										
0003 ST643										
0004 OREAS 45d	0.409	18.09	20.8	0.230	494	2.4	0.09	13.14	225.9	0.043
0005 ST690										
0006 ST798										
0007 ST710										
0008 ST734										
0009 ST593										
0010 ST692										
0011 OREAS 602	0.711	17.66	20.7	0.198	239	4.8	0.46	7.37	64.4	0.059
0012 OREAS 905	3.104	52.50	20.6	0.296	406	3.4	2.58	18.41	9.6	0.027
0013 AMIS0167	0.398	24.74	4.1	0.130	174	3.5	0.06	3.25	90.7	0.012
0014 OREAS 927	1.768	39.21	33.1	2.032	1171	1.2	0.19	10.70	30.3	0.054
0015 OREAS 603	0.605	14.82	18.6	0.078	138	6.3	0.41	7.10	110.3	0.049
BLANKS										
0001 Control Blank										
0002 Control Blank										
0003 Control Blank										
0004 Control Blank										
0005 Control Blank										
0006 Control Blank										
0007 Control Blank										
0008 Control Blank										
0009 Control Blank										
0010 Control Blank	<0.002	<0.01	<0.1	<0.002	<1	<0.1	<0.01	<0.05	1.1	<0.005
0011 Control Blank	<0.002	<0.01	<0.1	<0.002	<1	<0.1	<0.01	<0.05	<0.5	<0.005

ELEMENTS	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
UNITS	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.5	0.05	0.002	0.05	0.05	0.1	0.5	0.1	0.05	0.01
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
RESPLITS										
0009 EX00534										
0010 EX00554	24.4	151.76	0.014	1.33	1.30	15.1	1.6	5.0	69.20	1.18
0011 EX00574										
0012 EX00594	39.5	115.67	0.011	3.16	3.34	10.7	1.8	3.1	105.81	0.78
0013 EX00614										
0014 EX00634	35.8	144.54	0.019	3.77	7.56	15.6	5.9	5.3	24.04	0.39
0015 EX00654										
0016 EX00674	49.9	103.12	0.012	3.66	6.95	9.8	2.5	2.9	215.34	0.48
0017 EX00694										
STANDARDS										
0001 ST791										
0002 ST589										
0003 ST643										
0004 OREAS 45d	20.4	41.94	<0.002	<0.05	0.79	50.1	3.0	2.7	30.24	1.04
0005 ST690										
0006 ST798										
0007 ST710										
0008 ST734										
0009 ST593										
0010 ST692										
0011 OREAS 602	995.3	28.17	<0.002	2.13	80.38	4.5	33.4	5.9	456.20	0.60
0012 OREAS 905	32.6	146.56	<0.002	0.06	1.88	5.3	2.7	4.2	161.80	1.37
0013 AMIS0167	236.3	16.82	<0.002	0.70	5.88	2.5	0.8	1.4	18.22	1.34
0014 OREAS 927	227.0	118.35	<0.002	1.77	1.80	10.6	16.8	21.1	27.79	0.86
0015 OREAS 603	1865.5	23.11	<0.002	3.61	199.19	3.9	61.9	13.4	503.07	0.58
BLANKS										
0001 Control Blank										
0002 Control Blank										
0003 Control Blank										
0004 Control Blank										
0005 Control Blank										
0006 Control Blank										
0007 Control Blank										
0008 Control Blank										
0009 Control Blank										
0010 Control Blank	<0.5	<0.05	<0.002	<0.05	<0.05	<0.1	<0.5	<0.1	<0.05	<0.01
0011 Control Blank	<0.5	<0.05	<0.002	<0.05	<0.05	<0.1	<0.5	<0.1	<0.05	<0.01

ELEMENTS	Te	Th	Ti	Tl	U	V	W	WTDRY	WTTOT	Y
UNITS	ppm	ppm	%	ppm	ppm	ppm	ppm	g	g	ppm
DETECTION LIMIT	0.2	0.01	0.005	0.02	0.01	2	0.1	0.01	0.01	0.05
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/			4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	WT02	WT01	MS
RESPLITS										
0009 EX00534										
0010 EX00554	0.4	21.44	0.342	1.17	6.52	141	2.7			26.64
0011 EX00574										
0012 EX00594	0.5	13.41	0.242	1.51	5.21	98	0.8			24.79
0013 EX00614										
0014 EX00634	0.5	20.89	0.258	1.68	12.26	208	2.2			27.54
0015 EX00654										
0016 EX00674	0.4	13.98	0.180	1.82	5.65	142	3.0			24.85
0017 EX00694										
STANDARDS										
0001 ST791										
0002 ST589										
0003 ST643										
0004 OREAS 45d	<0.2	14.49	0.758	0.25	2.61	245	1.5			9.76
0005 ST690										
0006 ST798										
0007 ST710										
0008 ST734										
0009 ST593										
0010 ST692										
0011 OREAS 602	37.9	6.92	0.222	1.83	2.58	36	12.8			6.31
0012 OREAS 905	<0.2	15.01	0.133	0.75	5.14	11	2.8			16.04
0013 AMIS0167	<0.2	49.37	0.066	0.21	474.70	57	0.8			19.20
0014 OREAS 927	<0.2	13.89	0.307	0.67	2.57	77	12.2			18.57
0015 OREAS 603	59.2	5.88	0.190	4.31	2.66	34	15.2			5.52
BLANKS										
0001 Control Blank										
0002 Control Blank										
0003 Control Blank										
0004 Control Blank										
0005 Control Blank										
0006 Control Blank										
0007 Control Blank										
0008 Control Blank										
0009 Control Blank										
0010 Control Blank	<0.2	<0.01	<0.005	<0.02	<0.01	<2	<0.1			<0.05
0011 Control Blank	<0.2	<0.01	<0.005	<0.02	<0.01	<2	<0.1			<0.05

ELEMENTS	Zn	Zr	p106um	p4.75mm
UNITS	ppm	ppm	%	%
DETECTION LIMIT	1	0.1	0.01	0.01
DIGEST	4A/	4A/		
ANALYTICAL FINISH	MS	MS	/SV33	/SV34
RESPLITS				
0009 EX00534				
0010 EX00554	139	152.1		
0011 EX00574				
0012 EX00594	114	88.1		
0013 EX00614				
0014 EX00634	125	163.7		
0015 EX00654				
0016 EX00674	145	113.9		
0017 EX00694				
STANDARDS				
0001 ST791				
0002 ST589				
0003 ST643				
0004 OREAS 45d	43	135.6		
0005 ST690				
0006 ST798				
0007 ST710				
0008 ST734				
0009 ST593				
0010 ST692				
0011 OREAS 602	4201	83.8		
0012 OREAS 905	141	263.0		
0013 AMIS0167	150	61.2		
0014 OREAS 927	703	92.9		
0015 OREAS 603	9123	82.2		
BLANKS				
0001 Control Blank				
0002 Control Blank				
0003 Control Blank				
0004 Control Blank				
0005 Control Blank				
0006 Control Blank				
0007 Control Blank				
0008 Control Blank				
0009 Control Blank				
0010 Control Blank	<1	<0.1		
0011 Control Blank	<1	<0.1		

ELEMENTS	BUTTON	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd
UNITS	g	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
DETECTION LIMIT	0.01	0.005	0.05	0.005	0.2	0.1	0.05	0.01	0.05	0.02
DIGEST	FA50/	FA50/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	MS	MS	MS	MS	MS	MS	MS	MS

ELEMENTS	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In
UNITS	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.01	0.1	1	0.05	0.5	0.01	0.1	0.1	0.05	0.01
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS

ELEMENTS	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
UNITS	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
DETECTION LIMIT	0.002	0.01	0.1	0.002	1	0.1	0.01	0.05	0.5	0.005
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS

ELEMENTS	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
UNITS	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.5	0.05	0.002	0.05	0.05	0.1	0.5	0.1	0.05	0.01
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS

ELEMENTS	Te	Th	Ti	Tl	U	V	W	WTDRY	WTTOT	Y
UNITS	ppm	ppm	%	ppm	ppm	ppm	ppm	g	g	ppm
DETECTION LIMIT	0.2	0.01	0.005	0.02	0.01	2	0.1	0.01	0.01	0.05
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/			4A/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS	MS	WT02	WT01	MS

ELEMENTS	Zn	Zr	p106um	p4.75mm
UNITS	ppm	ppm	%	%
DETECTION LIMIT	1	0.1	0.01	0.01
DIGEST	4A/	4A/		
ANALYTICAL FINISH	MS	MS	/SV33	/SV34

METHOD CODE DESCRIPTION

Method Code Date Tested	Analysing Laboratory NATA Laboratory Accreditation	NATA Scope of Accreditation
/SV33 **25/10/19 12:49**	Intertek Genalysis Perth **3244 3237** QA Crush passing 4.75mm	
/SV34 **25/10/19 12:49**	Intertek Genalysis Perth **3244 3237** QA Screen-Sizing for -106um	
4A/MS **18/10/19 04:32**	Intertek Genalysis Townsville **3244 20462** Multi-acid digest including Hydrofluoric, Nitric, Perchloric and Hydrochloric acids in Teflon Tubes. Analysed by Inductively Coupled Plasma Mass Spectrometry.	**4A/ : MPL_W002, MS : ICP_W003**
FA50/OE **17/10/19 15:48**	Intertek Genalysis Perth **3244 3237** 50g Lead collection fire assay. Analysed by Inductively Coupled Plasma Optical (Atomic) Emission Spectrometry.	**FA50/ : FA_W001, OE : ICP_W004**
WT01 **25/10/19 14:04**	Intertek Genalysis Perth **3244 3237** Reporting weights of samples	
WT02 **25/10/19 14:04**	Intertek Genalysis Perth **3244 3237** Reporting weights of Dry Sample	