



**BUREAU
VERITAS**

Bureau Veritas Minerals Pty Ltd
MINERAL TESTING & LABORATORY SERVICES

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Reference: **aa065727**
Date Finished: 24/05/2024
Order:
Project: Fowler/Coorabie
Date Received: 12/04/2024
Type of Sample: RAB\RC
Samples Analysed: **72**

FINAL ANALYSIS REPORT

Analysis of Mineral Samples

for

Osmond Resources

2/480 Collins Street Melbourne Vic 3000

Attention: Mr Charles Nesbitt

Bureau Veritas Minerals Pty Ltd has carried out the preparation and analysis of samples to the best of its ability and with due regard to the importance of all samples submitted. However, in the event of default by Bureau Veritas Minerals Pty Ltd in providing services as defined by contracts, Bureau Veritas Minerals Pty Ltd shall have no other liability for any negligent act, default, omission or breach of such contract. The liability of our company is limited by our General Terms and Conditions of Service. At all times, the results of analysis must be interpreted as pertaining to the samples as they were received at the laboratory. Where applicable, information describing the submitted sample/s has been supplied by the client or associated third party.

Authorised By:

Vaughn Noble
Senior Chemist

Fabian Gregus
Chemist

Michael Grieger
Chemist

Jenet Hwende
Laboratory Manager



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METHOD CODE	MA102	MA101	MA102	MA102	MA101	MA102	MA102	MA101
Determinants	Ag	Al	As	Ba	Ca	Cd	Co	Cr
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.2	100	1	0.5	100	0.5	1	10
FW0001	<0.2	3300	3	29.0	200	<0.5	2	<10
FW0002	<0.2	4500	4	71.5	<100	<0.5	1	50
FW0003	<0.2	2100	5	27.0	<100	<0.5	1	<10
FW0004	<0.2	9.73%	3	791	<100	<0.5	2	50
FW0005	<0.2	2200	2	44.0	<100	<0.5	<1	<10
FW0006	<0.2	12.7%	8	917	1.03%	<0.5	3	20
FW0007	<0.2	8.10%	<1	1700	2000	<0.5	1	50
FW0008	<0.2	3.71%	7	403	300	<0.5	1	90
FW0009	<0.2	13.5%	5	385	3000	<0.5	10	20
FW0010	<0.2	5100	20	287	<100	<0.5	<1	180
FW0011	<0.2	6.55%	13	252	400	<0.5	1	90
FW0012	<0.2	4.08%	<1	258	1.02%	<0.5	40	40
FW0013	<0.2	1.43%	9	45.5	<100	<0.5	<1	<10
FW0014	<0.2	3.62%	54	175	200	<0.5	2	130
FW0015	<0.2	11.4%	3	360	1500	<0.5	5	20
FW0016	<0.2	6300	14	43.5	<100	<0.5	<1	90
FW0017	<0.2	12.5%	7	250	300	<0.5	132	20
FW0018	<0.2	8.09%	<1	130	400	<0.5	6	40
FW0019	<0.2	2.25%	11	80.0	200	<0.5	4	40
FW0020	<0.2	4.90%	3	117	<100	<0.5	1	20
FW0021	<0.2	8.07%	<1	105	<100	<0.5	8	110
FW0022	<0.2	8.92%	2	225	200	<0.5	10	<10
FW0023	<0.2	8200	2	76.5	<100	<0.5	1	130
FW0024	<0.2	7.11%	2	220	<100	<0.5	7	40
FW0025	<0.2	9.82%	8	839	200	<0.5	19	90
FW0026	<0.2	6400	17	35.5	<100	<0.5	2	40
FW0027	<0.2	7.69%	4	204	<100	<0.5	4	90
FW0028	<0.2	8800	4	67.0	1100	<0.5	1	130
FW0029	<0.2	9.01%	4	168	200	<0.5	<1	40
FW0030	<0.2	3.50%	7	35.0	<100	<0.5	1	470
FW0031	<0.2	9.92%	10	42.5	500	<0.5	90	2920
FW0032	<0.2	6.92%	<1	14.5	6700	<0.5	156	2990
FW0033	<0.2	6100	11	15.5	<100	<0.5	3	130
FW0034	<0.2	11.5%	4	74.5	200	<0.5	5	130
FW0035	<0.2	10.8%	2	303	<100	<0.5	43	90
FW0036	<0.2	8.84%	2	81.0	200	<0.5	2	110
FW0037	<0.2	8.46%	2	94.0	200	<0.5	2	20
FW0038	<0.2	8.59%	2	478	1400	<0.5	14	70
FW0039	<0.2	7.50%	3	224	<100	<0.5	1	40
FW0040	<0.2	8.47%	5	1230	1900	<0.5	35	40
FW0041	<0.2	9.52%	3	731	1200	<0.5	7	40



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METHOD CODE	MA102	MA101	MA102	MA102	MA101	MA102	MA102	MA101
Determinants	Ag	Al	As	Ba	Ca	Cd	Co	Cr
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.2	100	1	0.5	100	0.5	1	10
FW0042	<0.2	8.29%	18	855	600	<0.5	3	50
FW0043	0.4	5.53%	5	474	900	<0.5	82	70
FW0044	<0.2	5.41%	5	693	500	<0.5	9	50
FW0045	<0.2	8.94%	3	1840	4400	<0.5	21	<10
FW0046	<0.2	1.26%	10	113	400	<0.5	2	50
FW0047	<0.2	1900	6	40.0	<100	<0.5	1	<10
FW0048	<0.2	1700	4	56.0	<100	<0.5	<1	90
FW0049	<0.2	8.87%	<1	2710	4200	<0.5	2	<10
FW0050	8.8	2.55%	15	409	1900	<0.5	2	110
FW0051	<0.2	8.66%	<1	856	8100	<0.5	6	140
FW0052	<0.2	6.91%	2	303	4.28%	<0.5	24	160
FW0053	<0.2	6.14%	11	96.5	5000	<0.5	9	40
FW0054	<0.2	2.87%	4	112	1400	<0.5	4	250
FW0055	<0.2	1.85%	2	46.5	1300	<0.5	2	<10
FW0056	<0.2	9.47%	<1	10.5	400	<0.5	5	70
4461773_18.78-19.03	<0.2	1.21%	7	26.0	500	0.5	13	<10
4461774_18.14-18.46	0.2	2.69%	16	107	800	<0.5	4	160
4461775_61.9-62.15	<0.2	8.69%	<1	68.0	1700	<0.5	3	20
4461776_65.9-66.15	<0.2	12.7%	<1	257	600	<0.5	5	70
4461777_12.0-14.0	<0.2	4600	6	76.5	5500	<0.5	2	<10
4461778_22.75-23.0	<0.2	11.1%	7	86.5	6900	<0.5	5	70
4461779_14.0-16.0	<0.2	4500	10	50.5	1700	<0.5	2	110
4461780_22.0-22.75	<0.2	3.15%	9	85.5	2.80%	<0.5	2	20
4461781_16.0-18.0	<0.2	7200	9	86.5	1000	<0.5	2	130
4461782_18.92-21.0	<0.2	7700	12	98.0	8800	<0.5	2	<10
4461783_29.75-30.0	<0.2	12.5%	<1	240	700	<0.5	7	160
4461784_16.0-17.0	<0.2	1.40%	14	320	300	<0.5	2	20
4461785_17.0-19.0	<0.2	7600	7	151	4900	<0.5	4	130
4461786_20.8-22.0	<0.2	6100	35	134	1600	<0.5	4	40
4461787_26.5-26.7	<0.2	6.13%	4	193	400	<0.5	2	140
4461788_33.0-33.25	<0.2	7.33%	<1	962	1.09%	<0.5	15	20



Reference: aa065727 Order Number: Page 3 of 17

METHOD CODE	MA102	MA102	MA101	MA102	MA102	MA102	MA101	MA102
Determinants	Cs	Cu	Fe	Ga	Hf	In	K	Li
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	1	100	0.2	0.2	0.05	100	0.5
FW0001	<0.1	48	9100	1.0	1.6	<0.05	300	2.5
FW0002	0.2	38	8800	1.0	1.2	<0.05	400	2.5
FW0003	<0.1	30	1.33%	0.6	0.6	<0.05	200	2.5
FW0004	3.1	25	2.17%	29.6	5.4	0.10	5.08%	16.0
FW0005	<0.1	22	7700	0.6	0.6	<0.05	400	4.5
FW0006	6.1	19	1.09%	30.2	2.6	<0.05	8700	17.5
FW0007	2.8	22	1.05%	11.8	0.2	<0.05	7.45%	1.5
FW0008	1.0	42	1.23%	17.2	4.0	0.10	5100	13.5
FW0009	1.6	63	2.58%	32.0	5.4	0.10	6600	24.0
FW0010	<0.1	12	3.51%	0.6	0.8	<0.05	5300	3.5
FW0011	1.8	33	13.4%	23.6	7.0	<0.05	5400	13.0
FW0012	0.8	55	26.3%	12.6	2.2	0.05	4200	5.5
FW0013	0.1	5	1.14%	2.6	0.8	<0.05	600	2.5
FW0014	0.5	17	6.39%	14.2	2.8	0.05	1.45%	4.5
FW0015	0.8	57	6.99%	29.8	3.4	0.10	4800	17.5
FW0016	0.1	7	1.75%	2.0	2.0	<0.05	900	2.5
FW0017	3.4	329	1.21%	37.6	6.0	0.20	5000	34.0
FW0018	670	18	4600	25.8	1.0	<0.05	8.01%	3.0
FW0019	1.5	23	2.15%	7.4	4.4	<0.05	1700	6.0
FW0020	1.3	30	1.09%	17.8	12.0	<0.05	2400	7.0
FW0021	1.0	94	2.42%	18.6	9.6	0.10	6100	14.5
FW0022	1.2	29	3.09%	21.6	6.2	0.05	1.11%	29.0
FW0023	0.2	15	9600	2.6	1.6	<0.05	900	4.0
FW0024	1.1	57	1.61%	15.6	6.0	0.05	8100	11.5
FW0025	2.0	78	1.12%	24.2	5.6	0.15	1.54%	20.0
FW0026	0.1	31	10.3%	4.2	1.2	<0.05	600	3.5
FW0027	2.5	35	2.36%	26.6	16.2	0.05	5800	9.0
FW0028	1.8	38	1.28%	2.6	1.2	<0.05	1300	3.5
FW0029	0.4	19	2.67%	22.6	4.8	<0.05	3800	7.5
FW0030	1.2	304	4.23%	13.2	1.8	<0.05	2900	6.0
FW0031	1.2	94	6.44%	20.8	2.0	0.05	1900	5.0
FW0032	1.3	136	11.3%	17.6	1.8	0.05	1700	12.0
FW0033	<0.1	9	1.55%	1.6	0.8	<0.05	200	2.0
FW0034	0.7	55	3.23%	26.8	4.4	0.05	2800	10.5
FW0035	6.0	80	5.31%	24.2	3.8	0.05	9900	39.0
FW0036	0.5	30	2.60%	20.2	3.8	<0.05	4300	16.0
FW0037	0.7	16	9900	19.4	6.2	<0.05	5800	17.0
FW0038	1.3	33	4.88%	21.6	5.2	0.05	1.05%	22.0
FW0039	0.8	187	2.92%	17.6	2.8	<0.05	1.20%	6.5
FW0040	1.5	130	2.51%	19.8	7.6	0.05	3.71%	13.0
FW0041	2.5	168	9800	20.6	4.0	0.05	2.68%	5.0



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METHOD CODE	MA102	MA102	MA101	MA102	MA102	MA102	MA101	MA102
Determinants	Cs	Cu	Fe	Ga	Hf	In	K	Li
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	1	100	0.2	0.2	0.05	100	0.5
FW0042	2.3	23	1.02%	27.0	7.0	0.10	8000	32.5
FW0043	1.9	35	1.08%	19.2	6.0	0.15	4700	12.5
FW0044	1.8	26	5000	22.0	5.6	0.10	7100	13.5
FW0045	8.2	48	5500	18.2	3.6	<0.05	6.85%	6.0
FW0046	0.3	25	9300	3.0	2.0	<0.05	900	4.5
FW0047	0.1	60	2.43%	1.6	0.6	<0.05	600	2.5
FW0048	0.3	29	9200	0.8	0.8	<0.05	1600	2.0
FW0049	4.7	29	9100	17.6	2.0	<0.05	11.9%	3.0
FW0050	0.9	19	1.39%	5.2	5.4	<0.05	1.86%	5.5
FW0051	3.0	115	3.57%	19.4	5.2	0.05	3.22%	9.0
FW0052	1.2	55	6.13%	17.8	2.8	0.05	1.05%	17.0
FW0053	1.6	57	2.49%	15.6	3.4	<0.05	4100	30.0
FW0054	1.5	6	3.37%	7.6	6.0	<0.05	5300	16.5
FW0055	2.4	85	1.36%	4.8	2.0	<0.05	6100	15.5
FW0056	3.5	10	1.09%	19.4	3.0	<0.05	3900	70.5
4461773_18.78-19.03	0.2	15	1.25%	2.4	1.4	<0.05	1000	5.0
4461774_18.14-18.46	0.8	69	1.31%	8.6	3.0	<0.05	4200	11.0
4461775_61.9-62.15	1.4	114	1.14%	20.4	7.8	0.05	4700	28.0
4461776_65.9-66.15	3.1	45	4.78%	36.2	6.4	0.10	2.44%	18.0
4461777_12.0-14.0	0.2	62	9900	1.6	1.2	<0.05	1900	4.0
4461778_22.75-23.0	0.3	74	8.82%	29.6	6.6	<0.05	2800	13.0
4461779_14.0-16.0	0.2	2	1.00%	1.8	1.2	<0.05	1700	3.5
4461780_22.0-22.75	0.4	7	2.25%	10.4	2.6	<0.05	3200	6.0
4461781_16.0-18.0	0.3	<1	1.20%	2.4	1.6	<0.05	3000	3.5
4461782_18.92-21.0	0.4	11	1.21%	2.6	1.4	<0.05	3600	4.0
4461783_29.75-30.0	3.4	40	2.63%	25.4	3.8	0.15	2.16%	16.5
4461784_16.0-17.0	1.0	<1	2.32%	5.0	3.8	<0.05	1.41%	3.5
4461785_17.0-19.0	0.5	9	1.49%	2.8	1.8	<0.05	5800	3.5
4461786_20.8-22.0	0.3	38	5.88%	4.6	1.0	<0.05	8800	2.0
4461787_26.5-26.7	4.5	14	3.38%	23.0	4.6	<0.05	2.16%	13.0
4461788_33.0-33.25	2.6	43	2.28%	20.6	6.0	0.05	3.13%	40.0



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METHOD CODE	MA101	MA101	MA102	MA101	MA102	MA102	MA101	MA102
Determinants	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	100	2	0.5	100	0.5	5	50	1
FW0001	<100	104	2.0	500	3.5	<5	<50	4
FW0002	<100	84	2.5	600	2.5	<5	<50	3
FW0003	<100	116	3.0	300	2.0	<5	<50	2
FW0004	2800	126	1.0	2600	15.5	<5	100	38
FW0005	<100	80	1.5	400	2.0	<5	<50	2
FW0006	1700	88	<0.5	1.82%	13.5	20	2500	28
FW0007	200	64	2.0	1.80%	1.0	<5	250	47
FW0008	500	52	11.5	3300	10.5	10	100	30
FW0009	1000	286	1.0	1800	17.0	20	700	43
FW0010	<100	54	4.5	1100	2.0	<5	100	17
FW0011	900	48	22.0	4100	23.0	5	300	30
FW0012	9400	1.68%	<0.5	1000	6.5	5	500	19
FW0013	200	54	2.5	700	2.5	<5	<50	4
FW0014	400	262	9.0	4300	8.0	<5	100	52
FW0015	700	914	1.0	2000	14.5	20	450	27
FW0016	<100	90	3.0	600	3.0	<5	<50	5
FW0017	500	250	1.5	3400	25.5	100	700	26
FW0018	200	94	1.0	1.34%	6.5	<5	100	28
FW0019	200	72	6.5	1300	11.0	10	50	8
FW0020	300	90	2.0	1700	17.5	10	100	10
FW0021	500	120	1.0	1700	13.0	10	100	39
FW0022	1100	810	<0.5	2000	13.5	10	100	43
FW0023	<100	70	2.5	600	3.5	5	<50	3
FW0024	700	100	1.5	1600	13.0	35	100	36
FW0025	1000	80	1.0	2400	16.5	70	950	86
FW0026	<100	62	3.0	700	2.5	<5	200	6
FW0027	500	156	4.5	2400	27.0	15	250	22
FW0028	200	66	2.0	600	3.0	<5	<50	4
FW0029	500	52	1.5	1500	10.0	15	200	12
FW0030	300	52	2.0	1200	3.0	20	<50	6
FW0031	1.19%	258	<0.5	5700	4.0	1070	500	14
FW0032	4.53%	1870	<0.5	6700	3.0	1790	200	5
FW0033	500	56	1.0	500	1.0	35	<50	3
FW0034	1400	142	1.0	2100	9.0	65	300	17
FW0035	5000	422	1.5	2100	6.0	105	500	27
FW0036	600	76	1.5	1700	10.5	15	250	12
FW0037	700	78	1.0	1800	10.5	15	200	15
FW0038	2000	1930	<0.5	1900	14.0	20	450	32
FW0039	600	50	3.5	1600	11.0	10	100	17
FW0040	5000	742	<0.5	6500	11.0	25	350	50
FW0041	1200	144	1.0	5200	13.0	10	200	22



Reference: aa065727 Order Number: Page 6 of 17

METHOD CODE	MA101	MA101	MA102	MA101	MA102	MA102	MA101	MA102
Determinants	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	100	2	0.5	100	0.5	5	50	1
FW0042	1400	42	20.0	7300	20.5	10	200	46
FW0043	1000	50	14.5	4100	17.0	35	100	36
FW0044	1400	38	24.5	7900	16.5	15	200	19
FW0045	300	86	1.5	1.81%	11.0	25	250	37
FW0046	400	76	2.0	800	4.5	<5	<50	8
FW0047	<100	82	3.0	500	1.0	<5	<50	3
FW0048	<100	72	1.5	500	1.0	<5	<50	10
FW0049	700	106	<0.5	1.87%	4.5	<5	300	43
FW0050	1800	284	7.0	7200	9.0	20	50	37
FW0051	4700	316	1.5	2.01%	10.0	10	300	16
FW0052	2.13%	1130	2.5	2.01%	6.0	25	550	8
FW0053	4300	94	4.5	1.42%	10.5	35	100	44
FW0054	1500	138	4.0	5000	10.5	15	50	16
FW0055	1200	396	2.5	4600	5.5	<5	<50	8
FW0056	900	74	1.5	3700	12.0	<5	<50	87
4461773_18.78-19.03	700	106	2.0	5000	2.5	40	<50	19
4461774_18.14-18.46	1000	114	3.0	4400	9.0	15	<50	10
4461775_61.9-62.15	2000	130	1.5	6600	17.0	10	<50	36
4461776_65.9-66.15	2000	1250	1.0	4900	18.5	10	200	107
4461777_12.0-14.0	700	104	13.0	600	3.0	<5	<50	233
4461778_22.75-23.0	1300	56	4.0	4300	14.0	25	950	29
4461779_14.0-16.0	500	90	3.0	500	2.5	<5	<50	24
4461780_22.0-22.75	1500	130	2.0	1300	4.5	10	100	14
4461781_16.0-18.0	1100	98	7.5	700	4.0	5	<50	136
4461782_18.92-21.0	1600	88	3.0	800	3.5	<5	<50	18
4461783_29.75-30.0	3000	308	1.0	5600	4.5	10	200	4
4461784_16.0-17.0	500	120	4.0	1100	7.0	<5	<50	13
4461785_17.0-19.0	1100	90	4.5	800	3.5	<5	<50	17
4461786_20.8-22.0	300	92	23.0	1200	3.0	<5	50	55
4461787_26.5-26.7	3000	114	4.0	2600	4.0	<5	100	9
4461788_33.0-33.25	9800	732	<0.5	1.61%	10.5	45	250	18



Reference: aa065727 Order Number: Page 7 of 17

METHOD CODE	MA102	MA102	MA101	MA102	MA102	MA102	MA102	MA102
Determinants	Rb	Re	S	Sc	Se	Sn	Sr	Ta
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.2	0.1	50	2	5	0.1	0.5	0.1
FW0001	1.6	<0.1	250	<2	<5	0.8	7.0	0.3
FW0002	2.2	<0.1	200	<2	<5	0.7	8.5	0.2
FW0003	1.0	<0.1	200	<2	<5	0.6	6.5	0.1
FW0004	185	<0.1	2050	16	<5	5.5	73.5	0.8
FW0005	1.0	<0.1	500	<2	<5	0.6	6.5	0.1
FW0006	74.8	<0.1	1750	16	<5	3.4	2500	1.1
FW0007	210	<0.1	700	<2	<5	1.0	377	0.2
FW0008	15.6	<0.1	8350	12	<5	2.0	83.0	0.9
FW0009	46.0	<0.1	3850	30	<5	4.0	212	1.3
FW0010	2.8	<0.1	1.05%	<2	<5	0.9	11.0	0.2
FW0011	28.2	<0.1	5600	14	<5	3.7	112	1.7
FW0012	27.2	<0.1	550	28	<5	3.6	37.5	0.6
FW0013	3.0	<0.1	250	<2	<5	1.0	20.0	0.2
FW0014	13.4	<0.1	3.35%	8	<5	1.8	70.0	0.6
FW0015	27.6	<0.1	7850	16	<5	3.8	64.0	0.9
FW0016	2.6	<0.1	1450	<2	<5	1.1	12.5	0.3
FW0017	86.0	<0.1	5300	18	<5	2.8	242	15.8
FW0018	2640	<0.1	1100	<2	<5	0.7	17.0	2.3
FW0019	13.0	<0.1	600	4	<5	1.8	22.5	1.2
FW0020	13.8	<0.1	550	8	<5	3.1	22.5	1.1
FW0021	30.0	<0.1	4250	10	<5	2.5	16.0	0.9
FW0022	59.0	<0.1	1000	10	<5	3.4	12.0	0.8
FW0023	5.0	<0.1	200	<2	<5	1.1	6.0	0.2
FW0024	37.6	<0.1	8550	10	<5	3.7	21.5	1.0
FW0025	71.4	<0.1	4400	20	<5	4.7	255	1.1
FW0026	3.0	<0.1	1300	2	5	0.6	5.5	0.2
FW0027	35.0	<0.1	1400	16	<5	4.8	46.5	1.9
FW0028	13.0	<0.1	150	<2	<5	1.0	11.0	0.2
FW0029	19.0	<0.1	300	12	<5	2.3	28.5	0.6
FW0030	16.4	<0.1	600	6	<5	1.1	4.5	0.4
FW0031	12.8	<0.1	550	126	<5	1.2	27.5	0.4
FW0032	9.0	<0.1	550	40	<5	1.0	31.0	0.2
FW0033	1.2	<0.1	150	4	<5	0.4	3.5	<0.1
FW0034	16.0	<0.1	600	14	<5	2.3	69.5	0.5
FW0035	91.6	<0.1	500	16	<5	1.4	68.0	0.4
FW0036	34.0	<0.1	950	10	<5	2.2	34.5	1.0
FW0037	46.8	<0.1	650	10	<5	2.1	50.5	0.7
FW0038	74.4	<0.1	2250	12	<5	2.6	52.0	0.9
FW0039	64.4	<0.1	550	6	<5	2.0	27.5	0.7
FW0040	161	<0.1	600	10	<5	2.1	130	0.5
FW0041	126	<0.1	1450	12	<5	3.0	83.5	0.6



Reference: aa065727 Order Number: Page 8 of 17

METHOD CODE	MA102	MA102	MA101	MA102	MA102	MA102	MA102	MA102
Determinants	Rb	Re	S	Sc	Se	Sn	Sr	Ta
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.2	0.1	50	2	5	0.1	0.5	0.1
FW0042	37.0	<0.1	6000	20	15	3.3	88.5	1.6
FW0043	27.4	0.4	9750	36	20	2.8	60.0	1.3
FW0044	28.0	<0.1	9600	20	15	2.9	86.5	1.3
FW0045	263	<0.1	1900	8	<5	1.7	235	0.9
FW0046	4.2	<0.1	350	2	<5	1.0	11.5	0.3
FW0047	2.2	<0.1	350	<2	<5	0.5	4.5	<0.1
FW0048	4.4	<0.1	750	<2	<5	0.6	5.0	<0.1
FW0049	191	<0.1	300	4	<5	1.0	321	0.4
FW0050	55.4	<0.1	1.01%	4	<5	1.4	77.0	0.7
FW0051	125	<0.1	6650	20	<5	2.7	199	0.7
FW0052	44.4	<0.1	3250	30	<5	1.7	129	0.5
FW0053	22.2	<0.1	4.16%	6	<5	2.3	89.5	0.8
FW0054	23.2	<0.1	2.90%	4	<5	2.0	31.5	0.9
FW0055	34.8	<0.1	8300	4	<5	1.5	26.0	0.6
FW0056	46.4	<0.1	4450	8	<5	2.1	7.5	1.1
4461773_18.78-19.03	4.4	0.2	5450	<2	<5	0.7	10.0	0.2
4461774_18.14-18.46	17.4	0.5	7250	4	<5	1.4	24.0	0.7
4461775_61.9-62.15	27.6	<0.1	5550	8	<5	3.6	20.5	1.0
4461776_65.9-66.15	124	<0.1	3700	18	<5	4.7	19.0	1.3
4461777_12.0-14.0	7.4	<0.1	200	<2	<5	0.6	20.5	0.2
4461778_22.75-23.0	10.6	<0.1	1450	20	<5	2.1	784	1.0
4461779_14.0-16.0	6.6	<0.1	150	<2	<5	0.6	14.5	0.2
4461780_22.0-22.75	11.4	<0.1	1000	8	<5	1.2	67.0	0.4
4461781_16.0-18.0	12.4	<0.1	150	<2	<5	0.8	22.0	0.3
4461782_18.92-21.0	13.8	<0.1	200	<2	<5	0.7	32.5	0.2
4461783_29.75-30.0	84.4	<0.1	500	60	<5	1.9	49.0	0.5
4461784_16.0-17.0	47.4	<0.1	150	2	<5	1.3	39.5	0.6
4461785_17.0-19.0	22.6	<0.1	150	<2	<5	0.8	23.5	0.3
4461786_20.8-22.0	17.8	<0.1	8400	2	<5	0.6	24.5	0.2
4461787_26.5-26.7	157	<0.1	550	34	<5	1.8	17.5	0.3
4461788_33.0-33.25	118	<0.1	250	14	<5	2.9	113	0.6



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METHOD CODE	MA102	MA102	MA101	MA102	MA102	MA101	MA102	MA102
Determinants	Te	Th	Ti	Tl	U	V	W	Y
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.2	0.1	50	0.1	0.1	5	0.5	0.1
FW0001	<0.2	2.2	900	<0.1	0.5	10	3.5	1.9
FW0002	<0.2	1.8	650	<0.1	0.4	10	2.5	1.8
FW0003	<0.2	1.8	350	<0.1	1.2	20	1.5	0.9
FW0004	<0.2	17.5	3000	0.6	1.6	70	3.5	9.2
FW0005	<0.2	1.1	450	<0.1	0.4	10	1.5	1.3
FW0006	<0.2	6.5	6700	0.4	1.9	110	1.5	21.9
FW0007	<0.2	1.9	250	0.9	0.9	20	1.0	3.5
FW0008	<0.2	11.6	3450	<0.1	16.2	40	5.0	11.4
FW0009	<0.2	16.6	6950	0.3	2.8	115	1.0	21.3
FW0010	<0.2	0.9	300	<0.1	0.7	15	1.5	3.9
FW0011	<0.2	33.9	7100	0.1	7.2	80	3.0	16.7
FW0012	<0.2	12.1	2600	0.2	2.1	160	<0.5	17.9
FW0013	<0.2	2.1	600	<0.1	0.4	15	2.0	2.0
FW0014	<0.2	5.7	2500	0.3	2.1	50	2.0	6.1
FW0015	<0.2	8.6	6500	0.4	1.5	105	1.0	9.6
FW0016	<0.2	5.7	950	<0.1	0.6	60	2.0	2.6
FW0017	<0.2	20.5	3500	1.3	12.4	125	1.0	70.3
FW0018	<0.2	0.3	<50	15.9	0.8	<5	<0.5	2.9
FW0019	<0.2	7.8	3250	0.1	1.7	40	5.0	7.8
FW0020	<0.2	5.7	8000	<0.1	2.5	45	4.5	9.0
FW0021	<0.2	11.6	3350	0.2	2.7	40	3.0	8.2
FW0022	<0.2	20.6	3200	0.3	2.6	45	2.5	18.6
FW0023	<0.2	3.0	950	<0.1	0.6	10	2.0	3.4
FW0024	<0.2	21.7	3450	0.2	4.6	40	4.0	8.1
FW0025	<0.2	29.2	3950	1.0	8.6	55	5.0	61.1
FW0026	<0.2	7.0	800	<0.1	2.0	60	2.0	1.5
FW0027	<0.2	16.4	1.02%	0.2	3.3	95	3.0	15.7
FW0028	<0.2	2.6	950	<0.1	0.7	25	2.5	2.8
FW0029	<0.2	10.4	4400	<0.1	1.8	60	2.0	15.7
FW0030	<0.2	5.9	1800	<0.1	1.0	90	3.0	6.0
FW0031	0.2	0.9	7750	<0.1	2.9	230	1.5	54.8
FW0032	<0.2	0.6	6300	<0.1	0.7	190	1.0	78.7
FW0033	<0.2	1.5	550	<0.1	0.4	35	1.0	2.6
FW0034	<0.2	9.9	5250	<0.1	1.0	105	1.5	9.5
FW0035	<0.2	6.3	3150	0.6	1.6	90	2.0	40.4
FW0036	<0.2	15.2	4600	0.1	1.5	110	3.5	9.6
FW0037	<0.2	15.6	2700	0.2	1.7	65	2.5	21.7
FW0038	<0.2	28.9	3250	0.4	2.2	80	1.5	28.2
FW0039	<0.2	26.1	1650	0.2	1.4	35	2.5	13.1
FW0040	<0.2	82.8	2750	0.6	4.1	45	1.0	78.0
FW0041	<0.2	22.2	3700	0.6	8.6	60	3.0	27.4



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METHOD CODE	MA102	MA102	MA101	MA102	MA102	MA101	MA102	MA102
Determinants	Te	Th	Ti	Tl	U	V	W	Y
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.2	0.1	50	0.1	0.1	5	0.5	0.1
FW0042	<0.2	23.4	6450	0.2	18.9	60	3.5	23.7
FW0043	<0.2	52.8	5000	3.3	75.8	40	3.0	13.2
FW0044	<0.2	20.7	5300	1.2	29.1	55	3.0	18.4
FW0045	<0.2	15.7	2650	1.2	10.3	25	3.5	26.1
FW0046	<0.2	3.1	1800	<0.1	1.1	20	2.5	3.3
FW0047	<0.2	1.6	350	<0.1	0.8	15	2.0	1.2
FW0048	<0.2	1.1	400	<0.1	0.6	<5	<0.5	1.0
FW0049	<0.2	6.8	1450	1.0	1.7	15	1.0	10.0
FW0050	0.6	7.5	3150	0.3	3.2	35	1.0	6.9
FW0051	<0.2	11.1	4800	0.5	2.6	120	3.5	23.0
FW0052	<0.2	7.2	5750	0.2	1.6	150	2.5	34.6
FW0053	<0.2	11.4	3150	0.2	5.6	40	1.5	19.0
FW0054	<0.2	7.1	2950	0.3	1.9	20	1.0	10.2
FW0055	<0.2	3.8	1000	0.2	2.2	10	<0.5	13.4
FW0056	<0.2	14.7	600	1.6	1.7	<5	<0.5	10.9
4461773_18.78-19.03	<0.2	1.1	900	0.4	3.6	<5	<0.5	2.2
4461774_18.14-18.46	<0.2	4.0	2850	1.0	22.8	15	1.0	6.3
4461775_61.9-62.15	<0.2	12.3	5000	0.3	2.2	40	<0.5	6.7
4461776_65.9-66.15	<0.2	32.1	3950	0.6	2.0	70	<0.5	4.3
4461777_12.0-14.0	<0.2	1.6	1200	<0.1	0.6	15	3.5	1.9
4461778_22.75-23.0	<0.2	22.5	4900	<0.1	2.9	95	1.0	14.2
4461779_14.0-16.0	<0.2	1.6	1000	<0.1	0.6	20	3.0	1.7
4461780_22.0-22.75	<0.2	4.1	3850	<0.1	1.2	55	<0.5	3.6
4461781_16.0-18.0	<0.2	2.2	1650	<0.1	0.6	30	2.0	2.4
4461782_18.92-21.0	<0.2	2.3	1350	<0.1	0.7	30	<0.5	2.8
4461783_29.75-30.0	<0.2	3.6	8950	0.3	10.0	175	1.0	11.0
4461784_16.0-17.0	<0.2	5.1	2700	0.2	2.0	80	1.0	5.5
4461785_17.0-19.0	<0.2	3.2	1300	0.1	1.2	45	<0.5	4.3
4461786_20.8-22.0	<0.2	9.3	1000	<0.1	2.5	40	<0.5	2.3
4461787_26.5-26.7	<0.2	11.0	1.07%	0.5	4.5	185	1.0	6.2
4461788_33.0-33.25	<0.2	13.4	2800	0.6	2.9	75	<0.5	80.0



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METHOD CODE	MA102	MA102	MA102	MA102	MA102	MA102	MA102	MA102
Determinants	Zn	Zr	La	Ce	Pr	Nd	Sm	Eu
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	2	1	0.1	0.1	0.05	0.05	0.05	0.05
FW0001	6	52	9.5	13.7	1.05	3.05	0.40	0.05
FW0002	6	38	12.2	15.6	1.05	2.65	0.45	0.05
FW0003	6	19	20.3	27.1	1.95	4.55	0.25	<0.05
FW0004	18	174	39.6	83.9	8.40	29.6	5.05	0.85
FW0005	4	25	17.7	23.2	1.60	3.65	0.35	<0.05
FW0006	34	93	408	953	85.3	265	37.6	8.90
FW0007	28	6	10.0	21.0	1.60	5.25	0.85	0.85
FW0008	16	133	24.8	51.1	6.50	24.7	5.10	1.10
FW0009	52	192	163	275	37.1	130	19.2	4.10
FW0010	8	21	7.6	10.2	0.80	1.95	0.45	0.10
FW0011	22	259	63.4	90.7	11.2	35.5	6.15	1.35
FW0012	104	88	69.2	147	7.75	21.4	2.95	0.80
FW0013	8	26	18.0	25.1	1.85	4.65	0.55	0.10
FW0014	16	105	28.6	39.0	3.75	11.6	1.75	0.35
FW0015	48	122	67.2	103	12.6	38.9	6.55	1.65
FW0016	8	76	21.1	27.8	1.95	4.90	0.55	0.10
FW0017	34	122	184	289	57.4	222	37.5	8.00
FW0018	32	8	3.5	5.4	0.75	2.70	0.60	0.10
FW0019	20	152	20.3	28.6	3.75	12.8	2.20	0.45
FW0020	16	446	32.8	22.6	6.00	19.4	3.25	0.75
FW0021	26	321	22.5	47.8	3.90	12.6	2.15	0.45
FW0022	38	205	51.6	155	12.4	42.5	8.05	1.65
FW0023	8	50	9.3	14.2	1.35	4.10	0.65	0.10
FW0024	16	194	37.5	89.8	7.65	25.1	3.90	0.70
FW0025	48	182	274	757	77.5	294	53.7	11.8
FW0026	14	44	4.2	8.1	0.85	3.15	0.55	0.10
FW0027	24	537	55.6	58.5	11.8	38.3	6.80	1.65
FW0028	8	43	5.9	7.7	0.90	3.10	0.55	0.10
FW0029	38	172	47.5	92.9	15.0	54.8	10.3	2.30
FW0030	16	53	4.1	4.7	0.65	2.30	0.50	0.10
FW0031	160	56	242	296	90.7	324	55.2	12.0
FW0032	154	51	81.2	57.7	16.0	65.7	13.9	4.45
FW0033	10	26	9.1	11.8	3.05	11.0	1.90	0.40
FW0034	34	150	50.2	46.4	10.5	33.2	5.20	1.35
FW0035	150	129	40.0	141	11.9	48.0	9.45	2.50
FW0036	18	132	43.6	46.9	8.10	28.2	4.55	1.00
FW0037	18	207	35.4	66.1	7.85	28.9	5.20	1.10
FW0038	64	172	60.1	109	14.9	52.5	9.45	1.75
FW0039	16	85	54.3	78.4	10.0	31.9	5.85	0.80
FW0040	70	265	211	443	53.4	190	33.1	6.80
FW0041	18	134	74.2	167	19.9	69.7	13.1	2.60



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METHOD CODE	MA102	MA102	MA102	MA102	MA102	MA102	MA102	MA102
Determinants	Zn	Zr	La	Ce	Pr	Nd	Sm	Eu
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	2	1	0.1	0.1	0.05	0.05	0.05	0.05
FW0042	14	236	46.2	87.5	12.6	47.2	11.6	2.50
FW0043	12	201	31.5	48.3	6.45	23.2	4.90	1.05
FW0044	12	199	37.9	68.2	9.10	34.4	7.95	1.75
FW0045	12	120	53.5	111	12.9	42.1	7.60	2.20
FW0046	12	67	5.2	8.7	1.05	3.90	0.85	0.20
FW0047	6	21	2.5	4.0	0.45	1.50	0.25	<0.05
FW0048	4	28	2.6	4.1	0.45	1.60	0.25	0.05
FW0049	12	68	30.5	61.1	6.40	22.6	3.90	1.65
FW0050	16	188	12.9	24.4	2.70	9.50	1.80	0.35
FW0051	34	170	23.5	44.5	4.85	17.4	3.35	0.75
FW0052	76	90	21.8	46.7	5.75	23.2	5.45	1.50
FW0053	48	118	25.6	50.7	6.30	22.4	4.05	0.95
FW0054	16	204	13.9	25.7	3.10	10.9	2.05	0.40
FW0055	10	59	7.4	18.0	1.70	6.20	1.30	0.25
FW0056	18	54	5.3	42.7	1.10	3.85	1.05	0.15
4461773_18.78-19.03	10	46	2.5	5.1	0.60	2.20	0.45	0.05
4461774_18.14-18.46	10	106	10.6	21.4	2.50	9.45	1.80	0.35
4461775_61.9-62.15	20	308	5.6	39.0	0.90	2.90	0.60	0.15
4461776_65.9-66.15	26	226	17.2	476	2.15	5.90	0.90	0.35
4461777_12.0-14.0	18	51	3.0	5.9	0.60	2.10	0.40	0.05
4461778_22.75-23.0	22	235	103	199	31.0	131	24.0	5.10
4461779_14.0-16.0	10	35	2.6	7.3	0.55	2.00	0.40	0.10
4461780_22.0-22.75	14	88	10.9	18.8	2.20	7.75	1.40	0.35
4461781_16.0-18.0	28	50	5.1	7.7	0.85	3.00	0.55	0.10
4461782_18.92-21.0	18	48	5.7	9.2	1.05	3.65	0.70	0.15
4461783_29.75-30.0	42	130	13.1	23.5	3.00	11.5	2.40	0.70
4461784_16.0-17.0	8	118	12.7	20.0	2.05	6.90	1.25	0.30
4461785_17.0-19.0	6	55	5.6	10.1	1.15	4.15	0.85	0.15
4461786_20.8-22.0	16	38	3.4	6.0	0.65	2.55	0.50	0.10
4461787_26.5-26.7	14	152	11.2	20.1	2.50	9.10	1.70	0.30
4461788_33.0-33.25	92	187	33.2	40.8	7.70	31.0	7.25	2.25



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METHOD CODE	MA102	MA102	MA102	MA102	MA102	MA102	MA102	MA102
Determinants	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.2	0.02	0.05	0.02	0.05	0.05	0.05	0.02
FW0001	0.4	0.08	0.50	0.12	0.35	0.05	0.35	0.04
FW0002	0.4	0.04	0.35	0.06	0.20	<0.05	0.25	0.04
FW0003	<0.2	0.02	0.15	0.04	0.10	<0.05	0.15	0.02
FW0004	4.0	0.54	2.55	0.40	0.95	0.10	0.85	0.14
FW0005	0.2	0.04	0.25	0.06	0.15	<0.05	0.20	0.02
FW0006	21.6	2.46	11.2	1.50	3.25	0.30	1.85	0.26
FW0007	0.8	0.10	0.65	0.12	0.35	<0.05	0.35	0.06
FW0008	3.8	0.60	3.50	0.64	1.95	0.25	2.00	0.34
FW0009	13.2	1.64	8.15	1.18	2.85	0.35	2.20	0.30
FW0010	0.4	0.06	0.35	0.08	0.25	0.05	0.20	0.04
FW0011	4.6	0.70	4.00	0.72	2.15	0.30	2.20	0.34
FW0012	2.8	0.42	2.95	0.64	2.10	0.30	2.45	0.38
FW0013	0.4	0.06	0.35	0.08	0.20	<0.05	0.25	0.04
FW0014	1.4	0.22	1.35	0.24	0.80	0.10	0.80	0.12
FW0015	4.8	0.66	3.45	0.52	1.25	0.15	0.90	0.12
FW0016	0.4	0.08	0.50	0.10	0.35	0.05	0.40	0.06
FW0017	27.8	3.74	19.3	3.16	8.45	1.05	6.65	0.94
FW0018	0.6	0.08	0.50	0.10	0.30	<0.05	0.25	0.04
FW0019	1.8	0.28	1.75	0.34	1.00	0.15	1.10	0.16
FW0020	2.6	0.40	2.25	0.40	1.25	0.20	1.35	0.24
FW0021	1.8	0.28	1.65	0.34	1.20	0.15	1.10	0.22
FW0022	6.4	0.90	4.60	0.72	1.90	0.25	1.70	0.26
FW0023	0.6	0.10	0.65	0.14	0.40	0.05	0.45	0.06
FW0024	3.0	0.38	1.95	0.32	1.00	0.10	1.00	0.14
FW0025	47.2	5.80	25.2	3.36	7.00	0.70	4.00	0.52
FW0026	0.4	0.06	0.35	0.06	0.20	<0.05	0.20	0.04
FW0027	5.2	0.76	4.10	0.70	2.05	0.35	2.15	0.36
FW0028	0.4	0.08	0.60	0.12	0.30	0.05	0.35	0.06
FW0029	7.0	0.94	5.05	0.82	2.25	0.30	2.10	0.30
FW0030	0.6	0.12	1.05	0.22	0.75	0.10	0.75	0.10
FW0031	30.8	3.76	17.9	2.64	6.60	0.80	5.55	0.76
FW0032	16.2	2.22	12.8	2.44	6.95	0.90	5.75	0.90
FW0033	1.0	0.14	0.75	0.12	0.30	<0.05	0.30	0.04
FW0034	4.2	0.56	2.85	0.46	1.15	0.15	0.95	0.14
FW0035	8.8	1.24	7.50	1.46	4.50	0.60	4.10	0.66
FW0036	3.4	0.42	2.25	0.38	1.10	0.15	1.00	0.14
FW0037	4.4	0.64	3.85	0.76	2.40	0.40	2.40	0.40
FW0038	7.8	1.00	5.55	1.02	2.95	0.40	2.80	0.42
FW0039	4.8	0.62	3.15	0.50	1.30	0.15	1.25	0.18
FW0040	26.4	3.42	17.8	3.08	8.90	1.20	8.45	1.40
FW0041	10.4	1.38	7.10	1.12	2.90	0.35	2.50	0.38



Reference: aa065727 Order Number: Page 14 of 17

METHOD CODE	MA102	MA102	MA102	MA102	MA102	MA102	MA102	MA102
Determinants	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.2	0.02	0.05	0.02	0.05	0.05	0.05	0.02
FW0042	8.6	1.34	7.95	1.36	4.15	0.60	4.50	0.68
FW0043	3.8	0.60	3.45	0.62	1.95	0.25	1.95	0.30
FW0044	5.8	0.94	5.65	0.98	2.95	0.40	3.05	0.46
FW0045	6.2	0.96	5.50	0.98	2.90	0.40	2.45	0.38
FW0046	0.8	0.16	1.05	0.22	0.70	0.10	0.70	0.12
FW0047	0.2	0.04	0.25	0.04	0.15	<0.05	0.15	0.02
FW0048	0.2	0.04	0.20	0.04	0.10	<0.05	0.15	0.02
FW0049	3.0	0.42	2.40	0.42	1.20	0.15	1.05	0.16
FW0050	1.4	0.24	1.50	0.28	0.95	0.15	1.10	0.18
FW0051	3.2	0.46	2.75	0.54	1.65	0.25	1.70	0.28
FW0052	6.0	1.00	6.45	1.30	3.95	0.55	3.55	0.54
FW0053	3.8	0.58	3.45	0.68	2.10	0.25	1.80	0.28
FW0054	1.8	0.30	1.90	0.38	1.20	0.20	1.35	0.20
FW0055	1.4	0.26	2.00	0.44	1.55	0.25	1.80	0.28
FW0056	1.0	0.26	2.20	0.50	1.40	0.25	1.90	0.28
4461773_18.78-19.03	0.4	0.06	0.45	0.08	0.25	<0.05	0.30	0.04
4461774_18.14-18.46	1.4	0.22	1.40	0.26	0.80	0.15	0.80	0.12
4461775_61.9-62.15	0.6	0.14	1.10	0.26	1.05	0.15	1.10	0.22
4461776_65.9-66.15	0.8	0.10	0.80	0.16	0.65	0.15	0.95	0.18
4461777_12.0-14.0	0.4	0.06	0.35	0.08	0.25	<0.05	0.30	0.04
4461778_22.75-23.0	12.8	1.40	6.00	0.84	2.05	0.25	1.65	0.24
4461779_14.0-16.0	0.4	0.06	0.35	0.06	0.20	<0.05	0.25	0.04
4461780_22.0-22.75	1.0	0.14	0.90	0.16	0.45	0.05	0.55	0.08
4461781_16.0-18.0	0.4	0.08	0.50	0.10	0.30	<0.05	0.35	0.06
4461782_18.92-21.0	0.6	0.08	0.60	0.12	0.35	0.05	0.40	0.06
4461783_29.75-30.0	2.4	0.38	2.45	0.50	1.60	0.25	1.90	0.30
4461784_16.0-17.0	1.0	0.18	1.10	0.22	0.75	0.10	0.85	0.12
4461785_17.0-19.0	0.8	0.12	0.80	0.16	0.50	0.05	0.55	0.08
4461786_20.8-22.0	0.4	0.06	0.45	0.10	0.25	<0.05	0.30	0.04
4461787_26.5-26.7	1.4	0.24	1.35	0.26	0.85	0.15	1.00	0.16
4461788_33.0-33.25	10.4	1.84	12.6	2.78	8.80	1.20	7.85	1.24



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METHOD CODE	FA002	FA002	FA002	PR002	PR403
Determinants	Au*	Pd*	Pt*	WetWt	-75um
Units	ppb	ppb	ppb	grams	%
Detection Limit	1	1	5	1	0.01
FW0001	<1	<1	<5	80	NR
FW0002	<1	<1	<5	71	NR
FW0003	<1	<1	<5	66	NR
FW0004	<1	<1	<5	54	NR
FW0005	2	<1	<5	65	NR
FW0006	<1	<1	<5	64	95.4
FW0007	IS	IS	IS	25	NR
FW0008	2	<1	<5	54	NR
FW0009	IS	IS	IS	32	NR
FW0010	<1	<1	<5	55	NR
FW0011	5	<1	<5	48	NR
FW0012	<1	<1	<5	62	NR
FW0013	5	<1	5	42	NR
FW0014	4	<1	<5	44	NR
FW0015	3	<1	<5	40	NR
FW0016	<1	<1	<5	58	NR
FW0017	3	<1	<5	73	NR
FW0018	3	<1	<5	44	NR
FW0019	<1	<1	<5	51	NR
FW0020	2	<1	<5	59	NR
FW0021	2	<1	<5	71	NR
FW0022	<1	<1	<5	78	NR
FW0023	3	<1	<5	48	NR
FW0024	<1	<1	<5	78	NR
FW0025	8	<1	<5	44	NR
FW0026	3	<1	<5	61	96.2
FW0027	3	<1	<5	57	NR
FW0028	3	<1	<5	38	NR
FW0029	4	<1	5	42	NR
FW0030	15	4	5	44	NR
FW0031	<1	3	<5	63	NR
FW0032	3	6	10	44	NR
FW0033	4	<1	<5	36	NR
FW0034	3	3	<5	38	NR
FW0035	IS	IS	IS	35	NR
FW0036	4	<1	<5	37	NR
FW0037	6	3	<5	37	NR
FW0038	4	<1	<5	43	NR
FW0039	4	<1	5	45	NR
FW0040	3	<1	<5	40	NR
FW0041	2	<1	<5	37	NR



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METHOD CODE	FA002	FA002	FA002	PR002	PR403
Determinants	Au*	Pd*	Pt*	WetWt	-75um
Units	ppb	ppb	ppb	grams	%
Detection Limit	1	1	5	1	0.01
FW0042	6	3	<5	52	NR
FW0043	5	3	10	46	NR
FW0044	5	<1	<5	45	NR
FW0045	<1	<1	<5	76	NR
FW0046	3	4	<5	58	97.5
FW0047	3	1	<5	45	NR
FW0048	<1	<1	<5	69	NR
FW0049	2	2	5	48	NR
FW0050	79	<1	<5	53	NR
FW0051	5	1	<5	37	NR
FW0052	2	1	<5	64	NR
FW0053	<1	1	<5	132	NR
FW0054	<1	<1	<5	149	NR
FW0055	<1	<1	<5	147	NR
FW0056	<1	1	<5	112	NR
4461773_18.78-19.03	<1	<1	<5	218	NR
4461774_18.14-18.46	<1	1	<5	207	NR
4461775_61.9-62.15	<1	1	<5	69	NR
4461776_65.9-66.15	<1	<1	<5	126	NR
4461777_12.0-14.0	<1	<1	<5	73	NR
4461778_22.75-23.0	<1	<1	<5	160	NR
4461779_14.0-16.0	<1	<1	<5	146	NR
4461780_22.0-22.75	<1	<1	<5	102	NR
4461781_16.0-18.0	<1	<1	<5	123	NR
4461782_18.92-21.0	2	1	<5	115	97.7
4461783_29.75-30.0	<1	<1	<5	215	NR
4461784_16.0-17.0	<1	1	<5	82	NR
4461785_17.0-19.0	<1	<1	<5	92	NR
4461786_20.8-22.0	2	<1	<5	175	NR
4461787_26.5-26.7	2	1	<5	146	NR
4461788_33.0-33.25	<1	1	<5	168	NR



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These results pertain to the samples as received at this laboratory.

Where standards are reported, the nominal value for the element is reported above the result found.

"IS" Implies insufficient sample for this determination

"NR" Implies result is not required for this determination

"M" Implies this result reported in ppm

"%" Implies this result reported in %

Sample Storage

The excess material (Residue) will be held after 30 days

The pulp samples (Pulp) will be held after 60 days as per instructions.

Sample Preparation

Digest and Analysis:

The sample(s) have been digested and refluxed with a mixture of Acids, including: Hydrofluoric, Nitric, Hydrochloric and Perchloric Acids. This extended digest approaches a total digest for many elements however, some refractory minerals are not completely attacked.

Al,Ca,Cr,Fe,K,Mg,Mn,Na,P,S,Ti,V

have been determined by Inductively Coupled Plasma (ICP) Optical Emission Spectrometry.

Ag,As,Ba,Cd,Ce,Co,Cs,Cu,Dy,Er,Eu,Ga,Gd,Hf,Ho,In,La,Li,Lu,Mo,Nb,Nd,Ni,Pb,Pr,Rb,Re,Sc,Se,Sm,Sn,Sr,Ta,Tb,Te,Th,Tl,Tm,U,W,Y,Yb,Zn,Zr

have been determined by Inductively Coupled Plasma (ICP) Mass Spectrometry.

The samples have been analysed by Firing a 40 gm (approx) portion of the sample. Lower sample weights may be employed for samples with very high sulphide and metal contents. This is the classical fire assay process and will give total separation of Gold, Platinum and Palladium in the sample. (Test Method MC-FA-01)

Au,Pd,Pt

have been determined by Inductively Coupled Plasma (ICP) Optical Emission Spectrometry.

% Passing is the percentage of material passing the sieve using wet sieving techniques.

-75um

have been determined Gravimetrically.

(*) Assays on this report are covered under the NATA scope of accreditation.