



Bureau Veritas Minerals Pty Ltd
MINERAL TESTING & LABORATORY SERVICES

ABN: 30 008 127 802

35 Cormack Road
Wingfield SA 5013

Telephone (08) 8416 5200
Facsimile (08) 8234 0355

Reference: **aa077401**
Date Finished: 16/03/2026
Order:
Project: Oonagalabi EL32279
Date Received: 16/02/2026
Type of Sample: Core
Samples Analysed: **22**

FINAL ANALYSIS REPORT

Analysis of Mineral Samples
for
Litchfield Minerals Ltd
Suite 606, 10 Market Street Brisbane QLD 4000

Attention: Mr Matthew Pustahya

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

Chris Faulkner
Laboratory Manager



Reference: aa077401 Order Number: Page 1 of 9

METHOD CODE	MA102	MA101	MA102	MA101	MA102	MA102	MA101	MA102
Determinants	Ag	Al	As	Ba	Be	Bi	Ca	Cd
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.2	100	1	2	0.5	0.1	100	0.5
SIX0444064	<0.2	7.11%	2	360	2.0	0.2	5.77%	<0.5
SIX0444065	<0.2	7.51%	2	396	2.0	<0.1	4.93%	<0.5
SIX0444066	<0.2	7.52%	2	300	2.5	0.2	5.96%	<0.5
SIX0444067	<0.2	7.11%	2	292	3.0	0.3	5.06%	<0.5
SIX0444068	<0.2	8.14%	2	998	2.5	<0.1	4.08%	<0.5
SIX0444069	<0.2	7.46%	2	714	2.5	0.3	5.34%	<0.5
SIX0444070	<0.2	8.21%	2	440	2.5	<0.1	4.37%	<0.5
SIX0444071	<0.2	8.43%	2	484	2.5	0.2	6.00%	<0.5
SIX0444072	<0.2	7.00%	<1	248	2.0	<0.1	5.86%	<0.5
SIX0444073	<0.2	7.06%	2	588	1.5	<0.1	5.68%	<0.5
SIX0444074	0.8	7.60%	2	228	1.5	<0.1	6.87%	<0.5
SIX0444075	<0.2	7.96%	2	134	1.5	<0.1	7.28%	<0.5
SIX0444076	<0.2	7.21%	<1	112	1.0	<0.1	6.94%	<0.5
SIX0444077	<0.2	7.13%	<1	114	1.0	<0.1	7.31%	<0.5
SIX0444078	<0.2	7.54%	5	656	1.0	0.4	6.64%	<0.5
SIX0444079	<0.2	7.29%	2	156	1.0	<0.1	6.90%	<0.5
SIX0444080	<0.2	7.23%	2	190	1.0	<0.1	7.05%	<0.5
SIX0444081	<0.2	7.05%	2	124	1.0	<0.1	6.85%	<0.5
SIX0444082	<0.2	7.14%	<1	140	1.0	<0.1	6.96%	<0.5
SIX0444083	<0.2	7.07%	2	310	1.0	<0.1	6.74%	<0.5
SIX0444084	<0.2	7.06%	<1	154	1.5	<0.1	6.22%	<0.5
SIX0444084Q	10.6	6.77%	208	1200	2.5	12.4	9600	29.0



Reference: aa077401 Order Number: Page 2 of 9

METHOD CODE	MA102	MA101	MA102	MA101	MA101	MA102	MA102	MA102
Determinants	Co	Cr	Cs	Cu	Fe	Ga	Hf	In
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	1	10	0.1	2	100	0.2	0.2	0.05
SIX0444064	35	60	0.9	44	8.45%	22.4	1.2	0.10
SIX0444065	35	30	1.6	46	8.30%	24.6	1.4	0.10
SIX0444066	44	50	1.6	76	9.51%	24.8	1.2	0.15
SIX0444067	44	60	2.9	62	9.26%	23.8	1.2	0.10
SIX0444068	34	60	5.1	46	7.80%	24.8	1.0	0.10
SIX0444069	41	190	2.8	48	8.53%	23.2	1.6	0.20
SIX0444070	28	60	3.7	46	7.11%	23.6	1.6	0.10
SIX0444071	34	100	3.2	112	7.63%	25.4	1.2	0.10
SIX0444072	49	100	1.5	84	9.19%	21.6	1.2	0.10
SIX0444073	51	90	2.2	74	10.5%	23.4	1.2	0.15
SIX0444074	48	70	0.7	86	9.31%	22.2	1.0	0.15
SIX0444075	49	60	0.2	90	9.36%	22.8	1.2	0.10
SIX0444076	67	50	0.2	94	13.9%	24.8	0.8	0.10
SIX0444077	76	50	<0.1	122	14.9%	25.6	0.8	0.10
SIX0444078	57	90	2.9	74	12.6%	25.8	0.6	0.15
SIX0444079	58	60	0.3	74	12.8%	26.4	1.4	0.15
SIX0444080	58	50	0.3	78	12.8%	25.0	1.2	0.15
SIX0444081	47	90	0.1	64	9.85%	22.2	1.0	0.10
SIX0444082	47	90	0.2	58	9.73%	22.0	0.8	0.10
SIX0444083	48	90	0.6	70	10.4%	23.2	0.8	0.15
SIX0444084	50	60	0.2	72	10.1%	23.6	1.2	0.15
SIX0444084Q	32	20	7.0	1.72%	4.96%	21.4	4.8	2.75



Reference: aa077401 Order Number: Page 3 of 9

METHOD CODE	MA101	MA101	MA101	MA101	MA102	MA101	MA102	MA101
Determinants	K	Li	Mg	Mn	Mo	Na	Nb	Ni
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	100	10	100	2	0.5	100	0.5	2
SIX0444064	7200	10	2.27%	1410	1.0	1.68%	15.5	30
SIX0444065	8800	10	2.01%	1370	1.0	1.86%	18.0	24
SIX0444066	8400	20	2.57%	1490	1.5	1.79%	15.5	50
SIX0444067	9800	10	2.52%	1460	1.5	1.62%	15.0	62
SIX0444068	2.24%	30	2.52%	1040	1.0	2.09%	17.0	52
SIX0444069	1.54%	10	3.32%	1600	1.5	1.55%	16.5	96
SIX0444070	1.44%	10	2.16%	1230	1.5	1.71%	16.5	32
SIX0444071	1.49%	20	2.60%	1700	1.0	1.60%	16.5	60
SIX0444072	7400	10	3.50%	1470	1.0	1.56%	14.0	84
SIX0444073	1.15%	20	3.60%	1490	1.0	1.52%	14.5	86
SIX0444074	5800	10	3.61%	1450	1.0	1.66%	10.5	88
SIX0444075	3800	10	3.76%	1510	1.0	1.61%	9.0	86
SIX0444076	2500	10	3.53%	1670	1.0	1.34%	7.5	100
SIX0444077	2400	10	3.74%	1750	1.0	1.26%	7.0	126
SIX0444078	1.35%	30	3.86%	1610	1.0	1.23%	10.5	94
SIX0444079	3300	10	3.09%	1870	1.5	1.41%	9.5	64
SIX0444080	4500	10	3.24%	1810	1.5	1.47%	10.5	60
SIX0444081	3300	10	3.42%	1600	1.0	1.53%	10.5	70
SIX0444082	2800	20	3.38%	1590	1.0	1.51%	10.0	72
SIX0444083	6000	20	3.34%	1480	1.0	1.57%	12.5	70
SIX0444084	4100	10	2.81%	1560	1.0	1.55%	14.5	66
SIX0444084Q	2.78%	30	3800	1670	24.5	1.94%	17.0	12



Reference: aa077401 Order Number: Page 4 of 9

METHOD CODE	MA101	MA102	MA102	MA102	MA101	MA102	MA101	MA102
Determinants	P	Pb	Rb	Re	S	Sb	Sc	Se
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	50	1	0.2	0.1	50	0.1	1	5
SIX0444064	850	21	35.4	<0.1	850	0.1	30	<5
SIX0444065	1050	14	52.8	<0.1	1250	0.1	28	<5
SIX0444066	900	14	47.4	<0.1	2250	0.2	32	<5
SIX0444067	750	10	72.8	<0.1	2200	0.1	29	<5
SIX0444068	900	8	166	<0.1	1700	0.1	25	<5
SIX0444069	1450	12	94.0	<0.1	2000	0.2	30	<5
SIX0444070	850	12	117	<0.1	1300	<0.1	26	<5
SIX0444071	650	18	98.6	<0.1	3400	0.2	25	<5
SIX0444072	800	6	43.8	<0.1	2150	<0.1	34	<5
SIX0444073	700	6	77.2	<0.1	1800	0.1	40	<5
SIX0444074	800	7	21.4	<0.1	2250	0.2	36	<5
SIX0444075	800	5	7.2	<0.1	2500	<0.1	37	<5
SIX0444076	550	4	5.6	<0.1	3050	<0.1	40	<5
SIX0444077	550	5	4.0	<0.1	3700	0.1	44	<5
SIX0444078	600	8	91.2	<0.1	2800	0.2	43	<5
SIX0444079	850	9	10.8	<0.1	2850	0.2	40	<5
SIX0444080	850	5	15.6	<0.1	3050	<0.1	43	<5
SIX0444081	1150	5	6.2	<0.1	2150	<0.1	37	<5
SIX0444082	1150	5	4.8	<0.1	1950	<0.1	37	<5
SIX0444083	1150	7	21.2	<0.1	1850	0.1	38	<5
SIX0444084	850	6	8.6	<0.1	2550	0.1	36	<5
SIX0444084Q	450	2450	142	<0.1	3.61%	24.0	4	15



Reference: aa077401 Order Number: Page 5 of 9

METHOD CODE	MA102	MA102	MA102	MA102	MA102	MA101	MA102	MA102
Determinants	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.5	0.1	0.2	0.1	50	0.1	0.1
SIX0444064	3.2	200	0.8	<0.2	6.4	6800	0.2	0.7
SIX0444065	3.8	239	1.0	<0.2	8.7	6950	0.3	1.1
SIX0444066	4.5	213	1.0	<0.2	11.2	7750	0.3	1.1
SIX0444067	4.3	178	1.4	<0.2	8.5	7500	0.3	1.2
SIX0444068	3.8	326	0.9	<0.2	9.0	6900	0.9	0.9
SIX0444069	6.0	324	1.0	<0.2	10.9	7050	0.4	1.6
SIX0444070	4.3	190	1.0	<0.2	15.2	5300	0.5	1.7
SIX0444071	4.6	182	1.1	<0.2	16.7	5100	0.4	2.8
SIX0444072	3.8	196	0.9	<0.2	5.2	7000	0.2	1.6
SIX0444073	4.5	211	1.0	<0.2	2.6	8100	0.3	0.8
SIX0444074	3.3	260	0.6	<0.2	2.6	7150	0.1	0.7
SIX0444075	2.7	215	0.5	<0.2	1.7	6950	<0.1	0.4
SIX0444076	2.3	185	0.4	<0.2	1.0	1.17%	<0.1	0.3
SIX0444077	2.2	189	0.4	<0.2	0.8	1.22%	<0.1	0.2
SIX0444078	3.4	205	0.6	<0.2	4.5	8750	0.3	1.6
SIX0444079	2.5	209	0.6	<0.2	2.2	1.13%	0.3	0.6
SIX0444080	3.4	215	0.7	<0.2	1.0	1.17%	0.2	0.4
SIX0444081	2.4	211	0.6	<0.2	1.6	8400	0.1	0.8
SIX0444082	2.1	215	0.6	<0.2	1.6	8000	<0.1	0.4
SIX0444083	3.4	269	0.7	<0.2	1.4	9050	0.1	0.7
SIX0444084	3.8	216	0.9	<0.2	1.8	9200	<0.1	1.0
SIX0444084Q	6.0	152	1.3	3.8	14.0	1450	4.2	4.7



Reference: aa077401 Order Number: Page 6 of 9

METHOD CODE	MA101	MA102	MA102	MA101	MA101	MA102	MA102	MA102
Determinants	V	W	Y	Zn	Zr	La	Ce	Pr
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	0.5	0.1	2	2	0.1	0.1	0.05
SIX0444064	200	1.0	45.9	488	40	37.9	85.4	9.95
SIX0444065	205	1.5	55.0	176	36	35.4	76.3	9.80
SIX0444066	275	2.5	54.0	192	32	31.5	66.3	8.70
SIX0444067	270	5.0	37.8	202	30	27.5	56.5	7.00
SIX0444068	195	3.0	29.1	134	32	39.0	71.9	8.30
SIX0444069	210	4.0	47.1	216	54	53.2	112	14.3
SIX0444070	150	3.5	38.5	156	56	43.3	84.6	10.2
SIX0444071	160	2.0	36.8	160	36	50.5	98.5	11.8
SIX0444072	265	2.0	47.3	110	34	28.8	62.1	8.00
SIX0444073	335	2.0	50.2	108	26	21.9	47.5	6.15
SIX0444074	260	1.5	40.6	106	20	21.9	46.4	6.10
SIX0444075	270	1.5	36.8	104	20	18.3	41.5	5.45
SIX0444076	550	2.5	29.7	118	16	13.4	30.1	3.95
SIX0444077	605	2.0	29.4	136	14	14.3	31.3	4.15
SIX0444078	390	2.0	46.4	108	14	39.9	75.9	9.65
SIX0444079	405	2.5	41.4	140	20	16.3	38.2	4.95
SIX0444080	405	49.5	47.6	124	20	15.8	38.1	5.05
SIX0444081	265	4.0	42.0	110	18	18.6	44.5	5.80
SIX0444082	255	3.0	41.8	106	18	18.2	43.4	5.65
SIX0444083	280	5.5	49.4	106	18	17.6	43.6	5.80
SIX0444084	300	7.0	61.2	108	22	18.4	47.5	6.60
SIX0444084Q	20	3.5	14.5	1.01%	162	35.5	76.3	8.85



Reference: aa077401 Order Number: Page 7 of 9

METHOD CODE	MA102	MA102	MA102	MA102	MA102	MA102	MA102	MA102
Determinants	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.05	0.05	0.05	0.2	0.02	0.05	0.02	0.05
SIX0444064	41.0	8.85	2.00	9.6	1.52	8.85	1.94	5.65
SIX0444065	41.6	9.40	2.10	10.6	1.72	10.3	2.28	6.80
SIX0444066	36.8	8.50	1.80	9.6	1.62	9.80	2.24	6.70
SIX0444067	28.6	6.40	1.55	7.2	1.16	7.05	1.56	4.65
SIX0444068	32.7	6.05	1.45	6.2	0.96	5.55	1.20	3.45
SIX0444069	55.7	10.7	2.35	10.2	1.52	8.75	1.90	5.50
SIX0444070	40.8	8.15	1.85	8.4	1.28	7.40	1.60	4.55
SIX0444071	44.4	8.40	1.65	7.8	1.20	6.80	1.44	4.15
SIX0444072	33.5	7.45	1.65	8.4	1.40	8.45	1.90	5.70
SIX0444073	26.2	6.25	1.60	7.6	1.40	8.75	2.04	6.25
SIX0444074	26.4	6.20	1.65	7.2	1.22	7.40	1.66	4.95
SIX0444075	23.3	5.45	1.50	6.4	1.08	6.50	1.48	4.45
SIX0444076	17.2	4.15	1.20	5.0	0.86	5.30	1.22	3.65
SIX0444077	18.2	4.35	1.30	5.2	0.88	5.40	1.24	3.70
SIX0444078	40.4	8.85	2.05	9.6	1.50	8.75	1.92	5.55
SIX0444079	23.1	6.00	2.00	7.6	1.28	8.20	1.70	4.85
SIX0444080	23.9	6.50	2.15	8.6	1.50	9.65	1.98	5.70
SIX0444081	26.0	6.35	2.00	8.0	1.30	8.25	1.68	4.95
SIX0444082	25.7	6.30	1.90	7.8	1.30	8.35	1.68	4.90
SIX0444083	27.3	7.25	2.25	9.2	1.52	9.75	1.98	5.70
SIX0444084	30.5	8.15	2.25	10.4	1.78	11.7	2.40	7.10
SIX0444084Q	35.2	6.90	1.45	6.0	0.74	3.50	0.50	1.15



Reference: aa077401 Order Number: Page 8 of 9

METHOD CODE	MA102	MA102	MA102	FA001	PR002	PR403
Determinants	Tm	Yb	Lu	Au*	WetWt	Pass75um
Units	ppm	ppm	ppm	ppm	grams	%
Detection Limit	0.05	0.05	0.02	0.01	1	0.01
SIX0444064	0.70	5.10	0.74	<0.01	2839	NR
SIX0444065	0.85	6.00	0.90	0.01	3339	NR
SIX0444066	0.85	6.00	0.88	0.01	3308	95.7
SIX0444067	0.60	4.45	0.68	0.01	3829	NR
SIX0444068	0.45	3.10	0.46	<0.01	3203	NR
SIX0444069	0.70	5.05	0.74	<0.01	3555	NR
SIX0444070	0.55	4.00	0.60	0.01	3322	NR
SIX0444071	0.50	3.70	0.54	<0.01	4292	NR
SIX0444072	0.75	5.30	0.80	<0.01	3647	NR
SIX0444073	0.80	6.00	0.88	0.01	3544	NR
SIX0444074	0.65	5.10	0.70	<0.01	3828	NR
SIX0444075	0.55	4.10	0.62	<0.01	4037	NR
SIX0444076	0.45	3.45	0.50	<0.01	3810	NR
SIX0444077	0.45	3.40	0.52	<0.01	3474	NR
SIX0444078	0.70	4.90	0.76	<0.01	3046	NR
SIX0444079	0.65	4.30	0.70	<0.01	2795	NR
SIX0444080	0.75	5.10	0.82	<0.01	2899	NR
SIX0444081	0.65	4.35	0.72	<0.01	2922	NR
SIX0444082	0.65	4.25	0.70	<0.01	2656	NR
SIX0444083	0.75	5.10	0.84	0.01	2812	NR
SIX0444084	0.95	6.35	1.02	<0.01	2043	NR
SIX0444084Q	0.15	0.85	0.12	0.88	96	NR



Reference: aa077401 Order Number: Page 9 of 9

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.

"NR" Implies result is not required for this determination

"%" 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, Ba, Ca, Cr, Cu, Fe, K, Li, Mg, Mn, Na, Ni, P, S, Sc, Ti, V, Zn, Zr

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

Ag, As, Be, Bi, Cd, Ce, Co, Cs, Dy, Er, Eu, Ga, Gd, Hf, Ho, In, La, Lu, Mo, Nb, Nd, Pb, Pr, Rb, Re, Sb, Se, Sm, Sn, Sr, Ta, Tb, Te, Th, Tl, Tm, U, W, Y, Yb

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

have been determined by Atomic Absorbtion Spectrometry.

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

Pass75um

have been determined Gravimetrically.

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