

ASX Announcement

15 November 2023



STANDOUT LITHIUM PEGMATITE DRILL TARGETS

YINNETHARRA LOCKIER RANGE PROJECT

Highlights:

- Assay results (Rock chip and soils) define standout DRILLING TARGETS for Lithium in Pegmatites
- Soil sampling defines coherent anomalous lithium-pegmatite trends:
 - 248 soil samples return $\text{Li}_2\text{O} > 100$ ppm
 - 4km x 2km northwest-trending Li-Cs-Ta-Be-Rb-Bi anomaly at Robinson Bore coincident to the 16,500m of sub-cropping fractionated pegmatites
 - 2.7km x 2km coherent Li-Cs-Ta-Be anomaly at the Eastern Pegmatite Field adjacent to the fertile Thirty Three Supersuite granite
- Highly-elevated key lithium-pegmatite pathfinders in rock chips including:
 - peak Li_2O result of 1911ppm
 - 22 samples above 500ppm Li_2O
 - 5 samples above 100ppm Ta_2O_5 (Peak 259ppm)
 - 18 samples above 100ppm Cs_2O (Peak 712ppm)
 - 9 samples above 100ppm BeO (Peak 8245ppm)
 - 7 samples above 2000ppm Rb (Peak 2728ppm)
- Pegmatite Rock chip samples at Mt Yaragner show a westward fractionation trend with K/Rb ratios within feldspars <30

Odessa Minerals Limited (ASX:ODE) ("Odessa" or the "Company") is pleased to provide a further update on the exploration program underway at its Yinnetharra Lithium Project at Lockier Range in the Gascoyne region of Western Australia.

David Lenigas, Executive Director of Odessa, said: "Odessa's exploration team have processed thousands of rock chip and soil samples from Lockier Range over the past 6 months and the results have now defined some exceptional lithium rich areas that will be targeted with our maiden drilling programme. The Company is actively engaging with Native Title Holders to complete the necessary access permissions so that we can get the drills turning on the ground. We have excellent targets to drill at four locations, with a number of key indicators pointing to existence of extensive LCT systems, and drilling is the next phase of exploration planned here. At Robinson Bore alone, for example, we have identified a lithium trend of 4km that needs to be drilled."

Lockier Range Lithium Pegmatite Targets

In addition to the Robinson Bore rock chip results announced to the market on 16th October 2023, all rock chip and soil samples across the Yinnetharra Lockier Range Project have been received, with analysis of LCT pegmatite results now completed (Figure 1).

Recent rock chip sampling aimed to identify highly fractionated and fertile pegmatites across the Lockier Range Project through feldspar and mica multi-element analysis, as well as whole-rock pegmatite analysis. Recent soil



sampling aimed to identify anomalous trends indicative of potential blind, fertile pegmatites at Robinson Bore, the Eastern Pegmatite Field and Mt Yaragner.

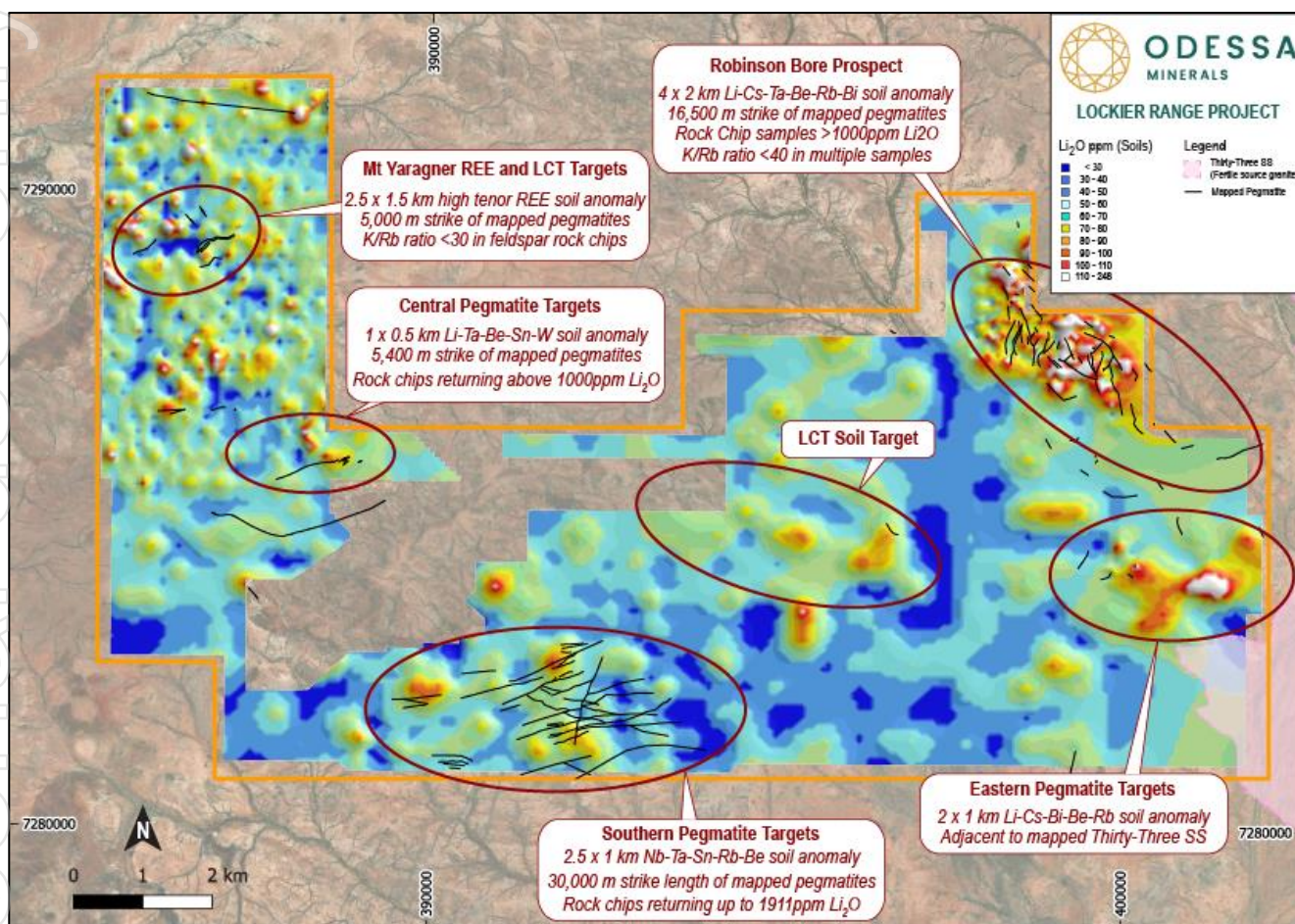


Figure 1: Principal pegmatite target areas within the Lockier Range Project showing the extent of mapped pegmatites underlain by gridded soil results coded by Li_2O ppm.

Robinson Bore

The Company has successfully identified a coherent 4km x 2km northwest-trending Li-Cs-Ta-Be-Rb-Bi in-soil anomaly at Robinson Bore, coincident with the recently announced 2.5km-long northwest-trending corridor of fractionated pegmatites (Figure 2). A total of 140 soil samples returned Li_2O results above 100ppm at Robinson Bore, mirroring the trend of sub-cropping mapped pegmatites.

The majority of pegmatites at Robinson Bore occur in sub-crop, with vast areas concealed by cover material. The in-soil anomalies have generated additional targets where potential blind pegmatites are present, notably along the fractionation trend (Figure 2).

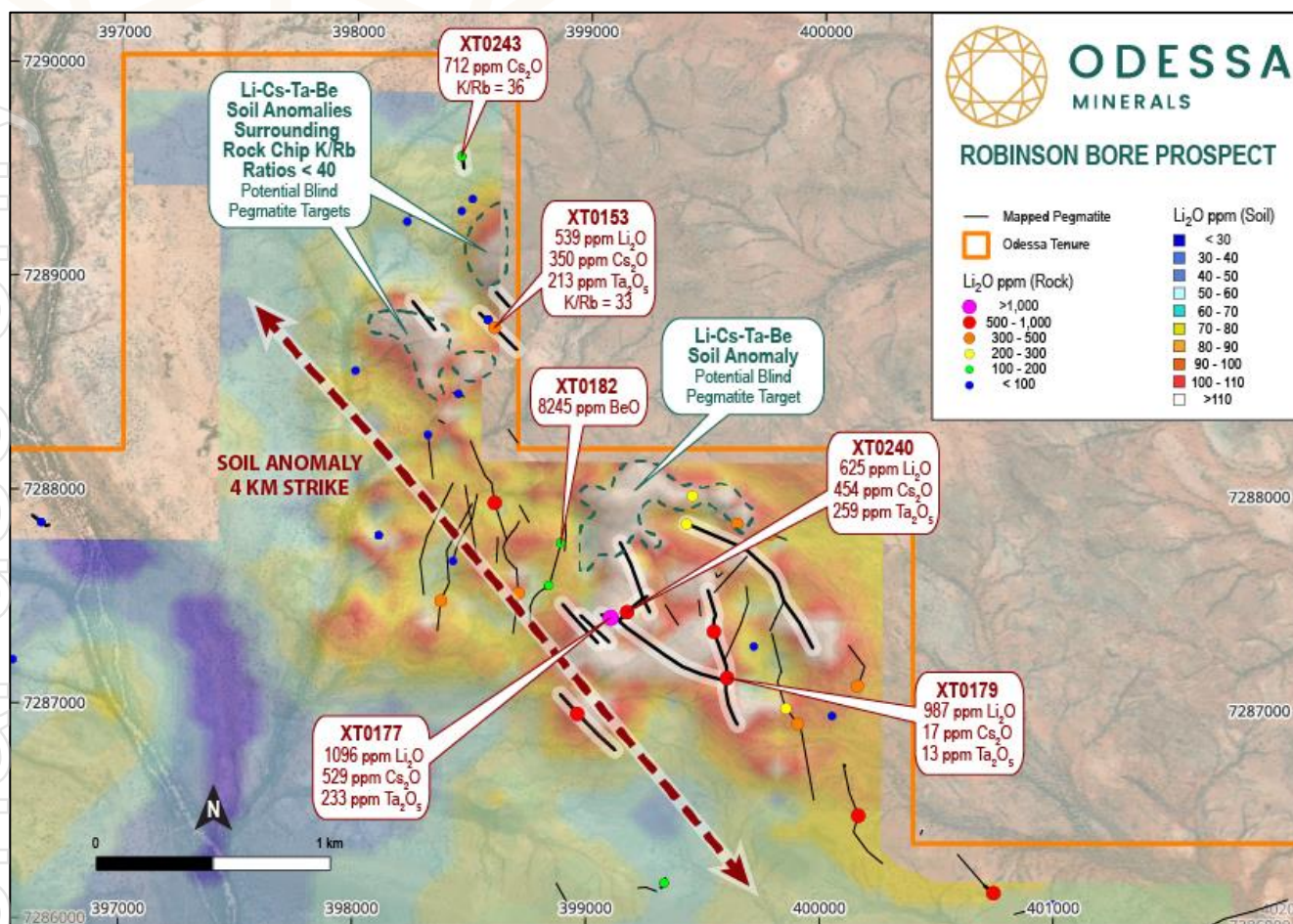


Figure 2: All rock chip samples across the Robinson Bore Prospect coded by Li₂O ppm underlain by gridded soil results coded by Li₂O ppm. Pegmatite targets and anomalous pathfinders highlighted.

Eastern Pegmatite Field

The Eastern Pegmatite Field is located directly adjacent to the fertile Thirty Three Supersuite granite that is thought to be the source of lithium-bearing pegmatites at Delta Lithium’s Yinnetharra Project. Soil Sample results at the Eastern pegmatite Field have returned a coherent 2.7km x 2km Li-Cs-Ta-Be anomaly, with 61 soil samples above 100ppm Li₂O (Figure 3). No outcropping pegmatites were found, with the in-soil anomaly generating targets for potential blind pegmatites.

A significant northwest trend in Sn-W-Bi pegmatite pathfinders extends from the mapped margin of the fertile Thirty Three Supersuite granite from the Eastern Pegmatite Field soil anomaly through to the sub-cropping Robinson Bore Pegmatite Field (Figure 3).

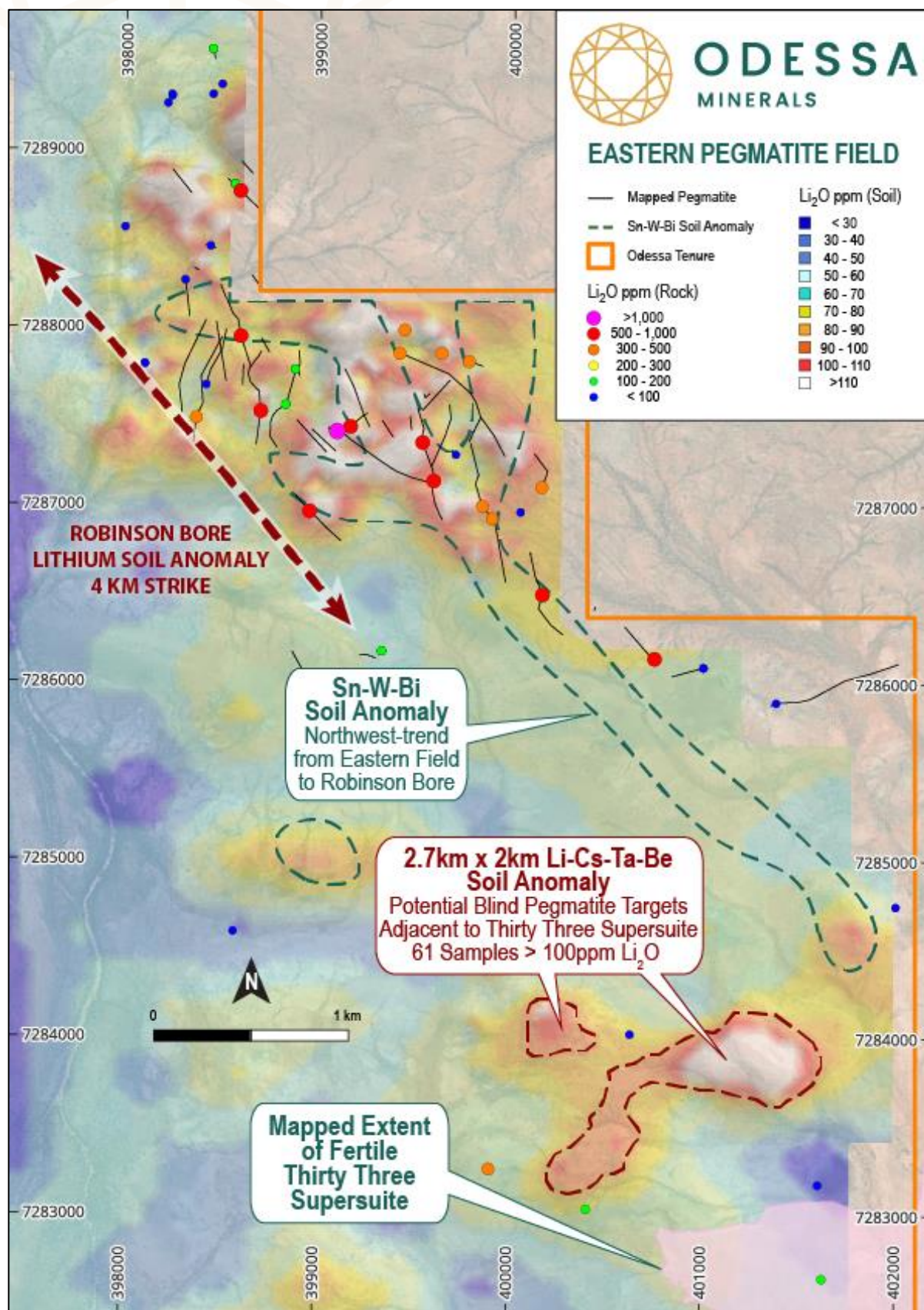


Figure 3: Rock chip samples across the Robinson Bore and Eastern Pegmatite Prospects coded by Li₂O ppm underlain by gridded soil results coded by Li₂O ppm. Pegmatite targets, anomalous pathfinders and the mapped extent of the fertile Thirty Three Supersuite highlighted.



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Mt Yaragner Pegmatite Field

Mt Yaragner is host to some of the most fractionated pegmatites within the Project. Feldspar rock chip samples returned K/Rb ratios as low as 28.5, with coincident highly anomalous Cs (336.5ppm) and Rb (2488ppm) in rock chip sample XT0295.

A westward fractionation trend has been identified through decreasing K/Rb ratios along the strike of the pegmatite, with the most fractionated sample obtained from the westernmost extent of the pegmatite before disappearing under cover (Figure 4). Fractionation of pegmatites is a key indicator for Li-Cs-Ta fertility.

A total of 44 soil samples returned Li₂O results above 100ppm across the Mt Yaragner region, with the highest result of 248ppm Li₂O proximal to the highly fractionated pegmatites (Figure 4).

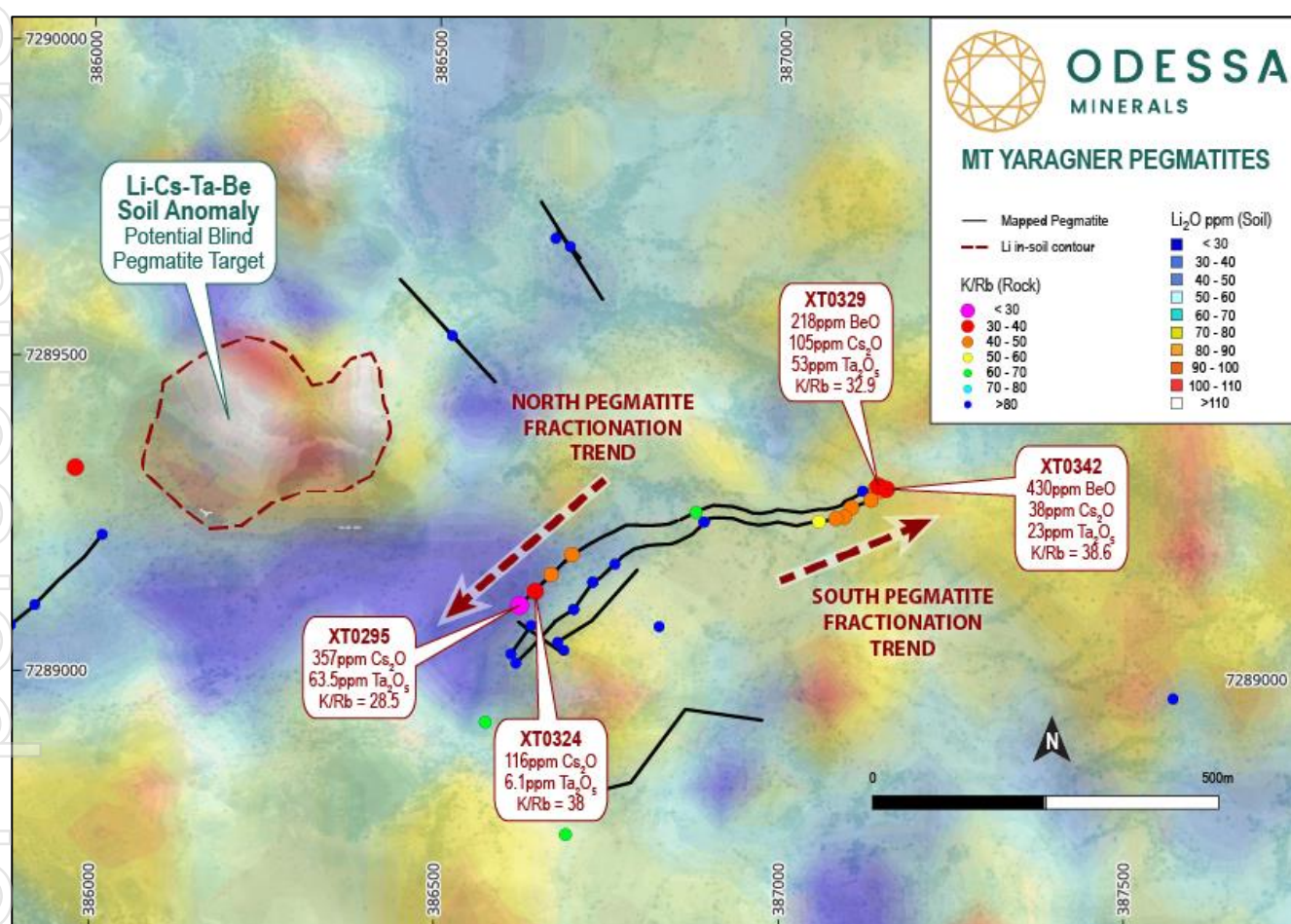


Figure 4: Rock chip samples across the Mt Yaragner Prospect coded by K/Rb ratios underlain by gridded soil results coded by Li₂O ppm. Pegmatite targets, anomalous pathfinders and fractionation trends of pegmatites highlighted.



Central Pegmatite Field

The Central Pegmatite Field was first identified during recent 2023 fieldwork, with 5,400m strike length of pegmatites being mapped to date, and five rock chips returning results above 500ppm Li₂O.

Recent soil sample results have returned a coherent 1.0km x 0.5km Li-Ta-Be-Sn-W anomaly adjacent to the mapped pegmatites, generating targets for potential blind pegmatites to the north of the outcropping and sampled pegmatites (Figure 5).

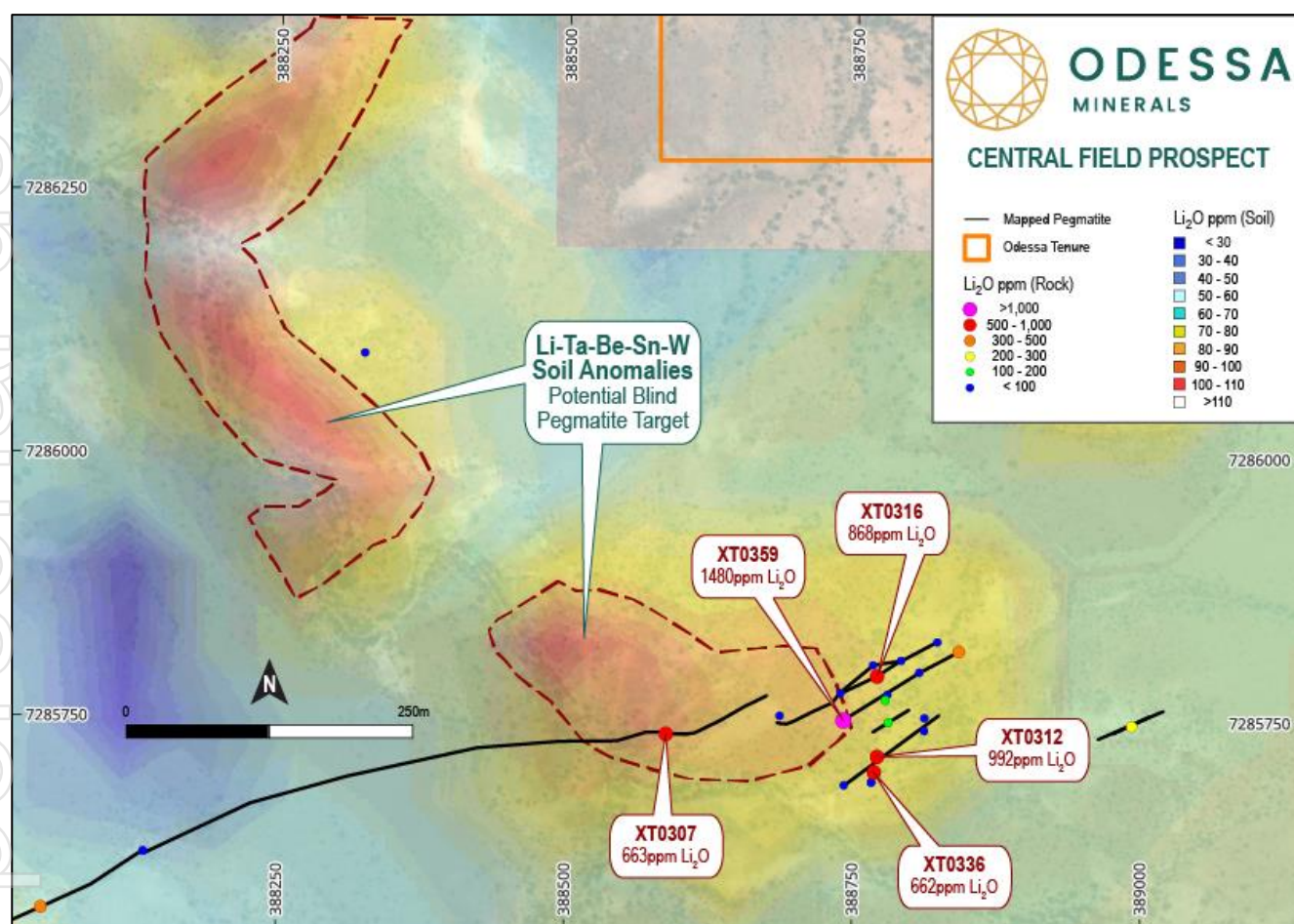


Figure 5: Rock chip samples across the Central Pegmatite Field Prospect coded by Li₂O ppm underlain by gridded soil results coded by Li₂O ppm. Pegmatite targets and anomalous in-soil pathfinders are highlighted.

Southern Pegmatite Field

Rock chip sampling was conducted across the >30,000m strike-length of pegmatites located throughout the previously announced 2.5km x 1km Nb-Ta-Sn-Rb-Be in-soil anomaly at the Southern Pegmatite Field (refer to ASX release dated 14th July 2023). The Southern Pegmatite Field returned the highest Li-in-rock results, with four returning values >1000ppm Li₂O and a peak result of 1911ppm Li₂O in rock chip XT0527 (Figure 6).



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SOUTHERN FIELD PROSPECT

- Mapped Pegmatite
- Odessa Tenure
- Li₂O ppm (Rock)
 - >1,000
 - 500 - 1,000
 - 300 - 500
 - 200 - 300
 - 100 - 200
 - < 100
- Li₂O ppm (Soil)
 - < 30
 - 30 - 40
 - 40 - 50
 - 50 - 60
 - 60 - 70
 - 70 - 80
 - 80 - 90
 - 90 - 100
 - 100 - 110
 - >110

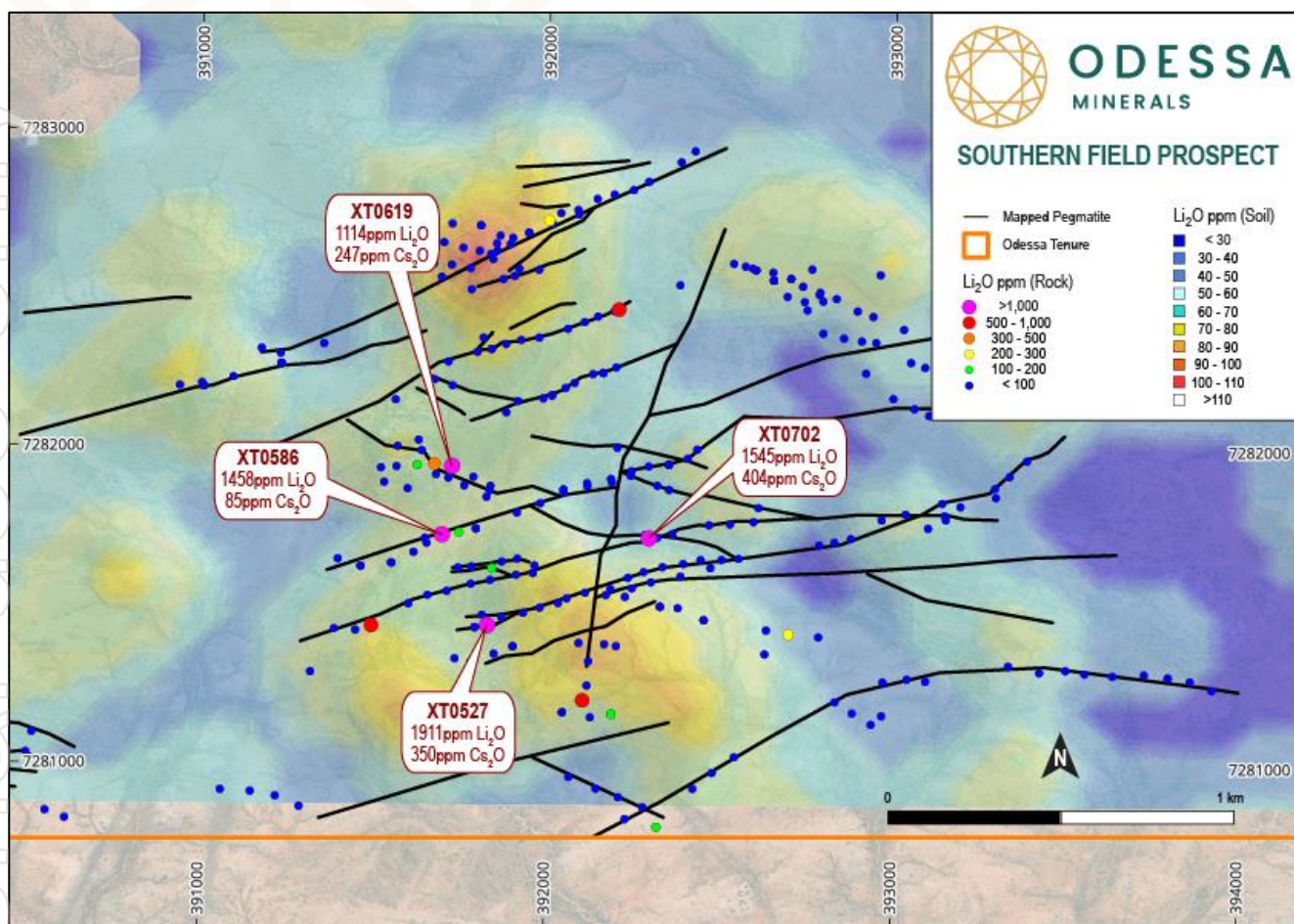


Figure 6: Rock chip samples across the Southern Pegmatite Field Prospect coded by Li₂O ppm underlain by gridded soil results coded by Li₂O ppm. Key rock chips highlighted.

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Lockier Range Project Location

Odessa's **Lockier Range Lithium and Rare Earth Element ("REE")** Project covers a **large area** of 125km² within its substantial **Gascoyne** tenement package of +3,000 km²; and is ideally located:

- Adjoining Minerals 260's "Aston" Lithium project with extensive anomalies
- ~8.5km southwest of Delta Lithium's "Jameson" lithium pegmatite discovery
- ~15km west of Reach Resources' "Morrissey Hill" lithium pegmatite discovery
- ~25km west of Delta Lithium's "Yinnetharra" lithium pegmatite discovery
- ~40km west of Voltaic Strategic Resources' pegmatite discovery
- ~60-70km south of Hastings Technologies' and Dreadnought Resources' rare earth projects

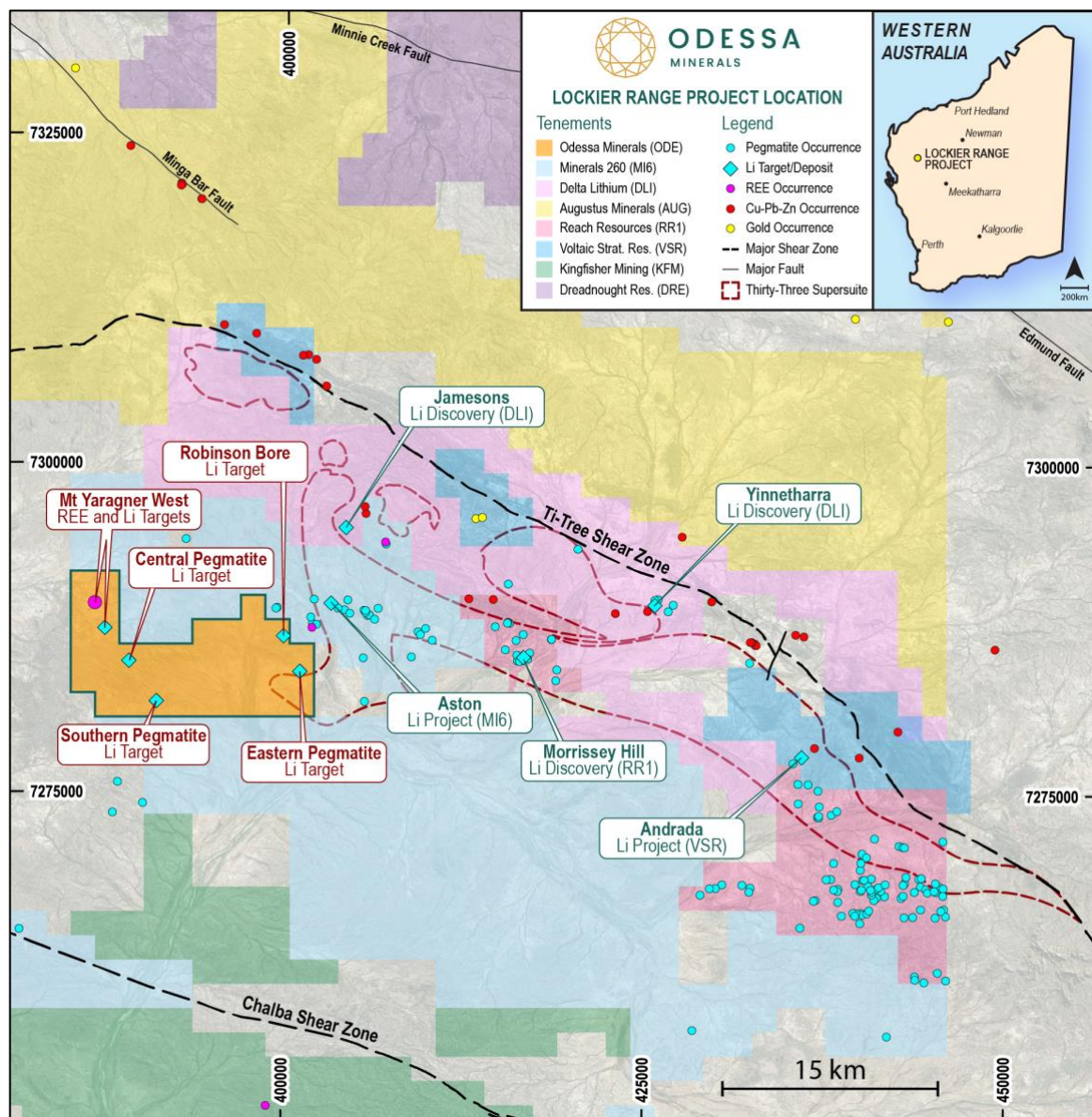


Figure 7: Lockier Range Project, proximal to the emergent Gascoyne lithium pegmatite province.



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About Odessa Minerals

Odessa Minerals Ltd is an ASX listed company (Ticker: ODE) that holds exploration licenses over 3,000 sq km of highly prospective ground in the highly sought-after Gascoyne region of Western Australia. Odessa's Projects are located in close proximity to significant recent lithium/pegmatite discoveries and lie in a north-south corridor of recent world class REE carbonatite discoveries.

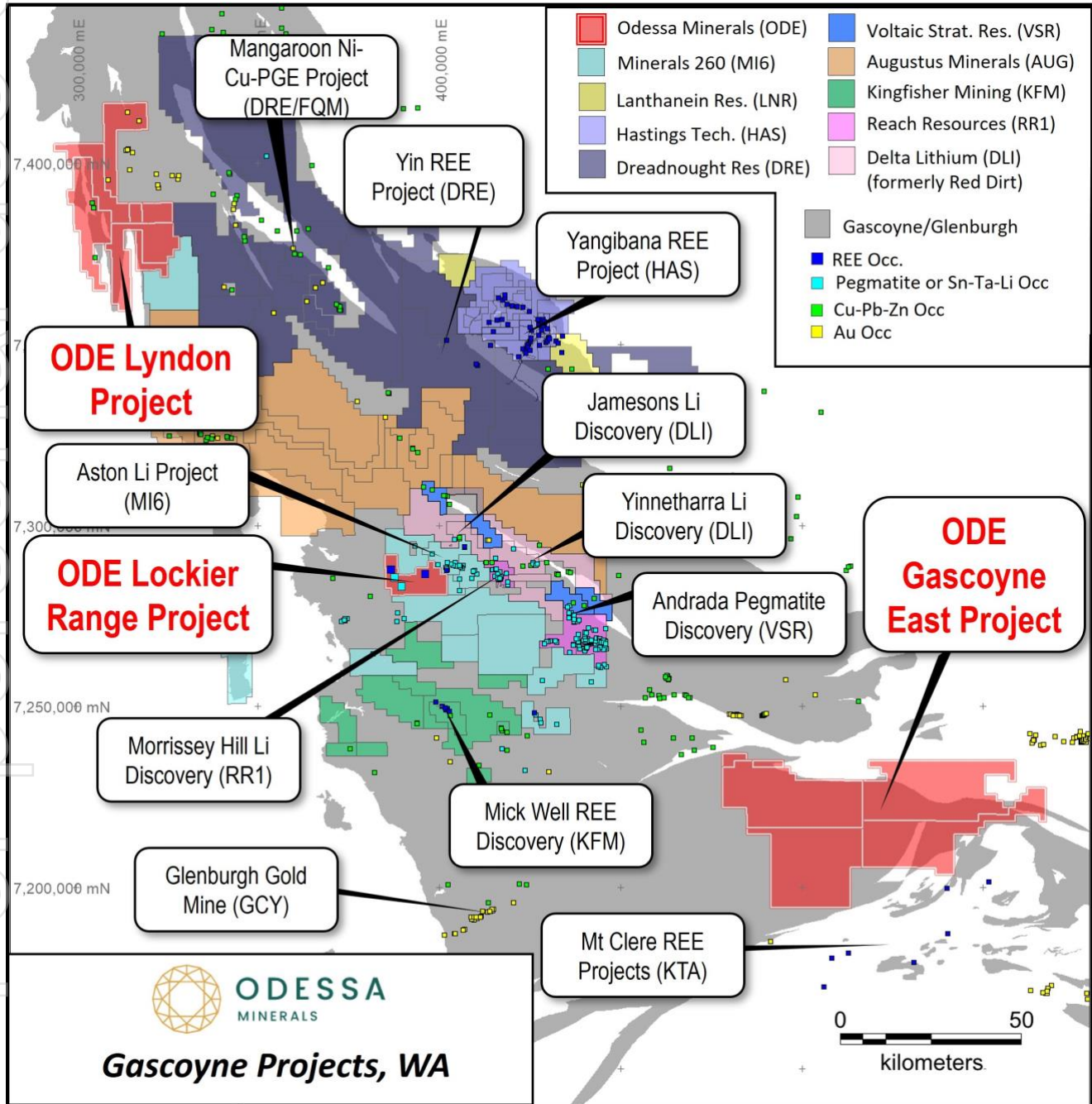


Figure 8: Odessa Minerals regional Gascoyne Project location map overlain with Geological Survey WA Minedex Occurrences.

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Competent Persons Statement

Information in this report relating to exploration information is based on data compiled by Odessa Minerals and reviewed by Peter Langworthy, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Langworthy is Managing Director (Principal Consultant) of Omni GeoX Ltd and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity, which he is undertaking, to qualify as a Competent Person as defined by the 2012 Edition of the Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Langworthy consents to the inclusion of the data in the form and context in which it appears.

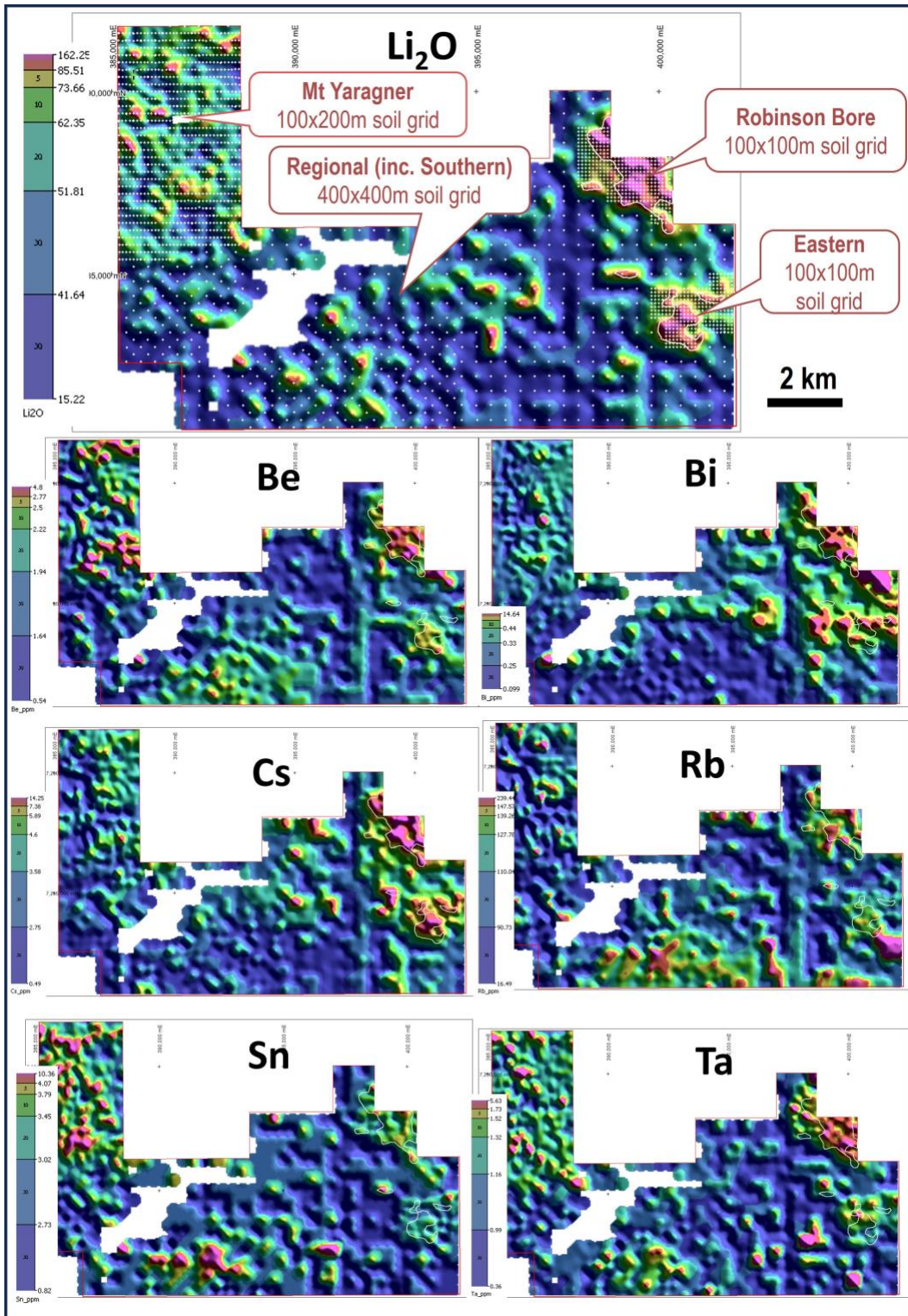


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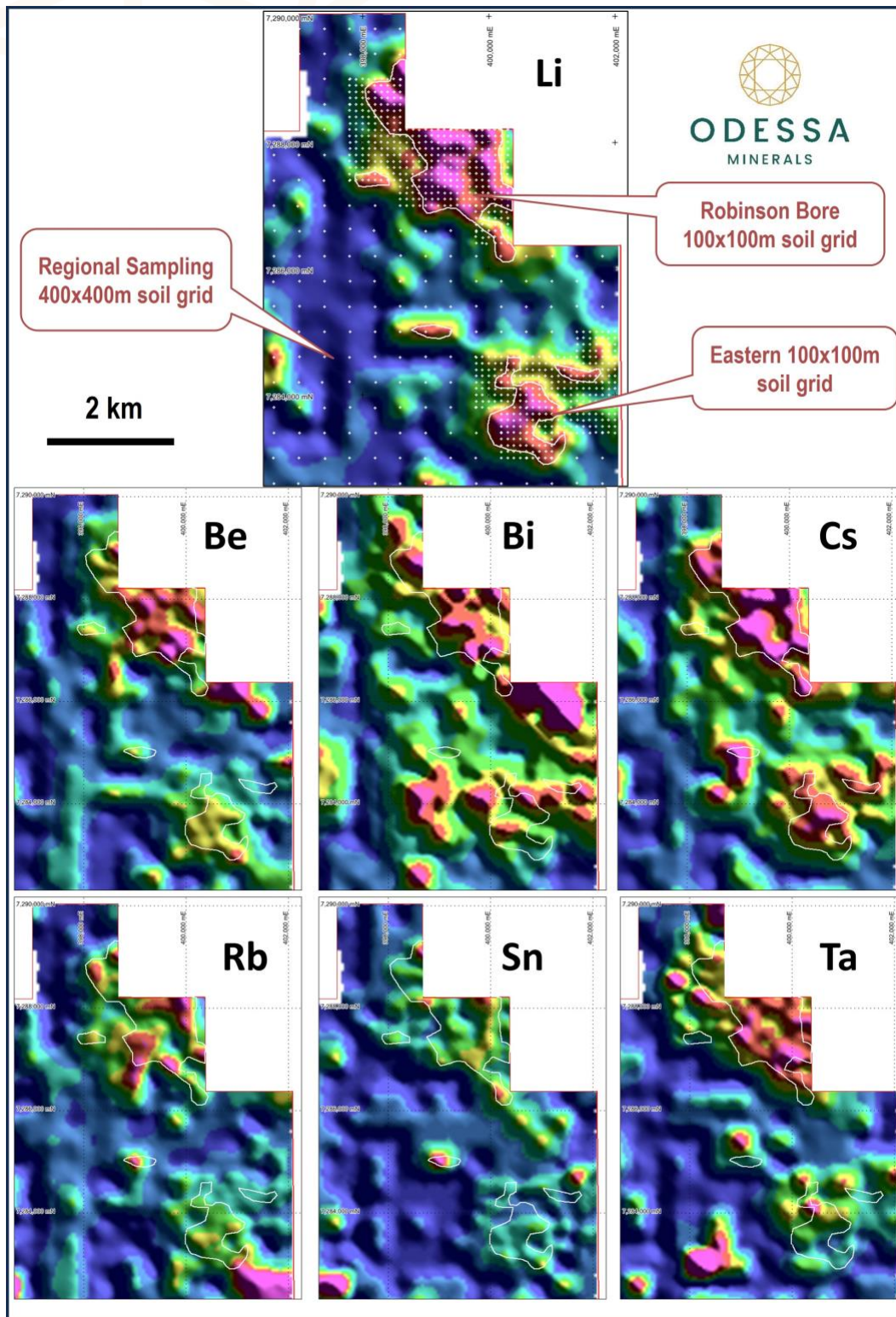
Appendix A

Lockier Range gridded soil sample elemental pathfinder results and sample locations.



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Robinson Bore to Eastern Pegmatite target areas gridded soil sample elemental pathfinder results and sample locations.

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Appendix B

Table 1: Lockier Range rock chip sample results.

Sample ID	Easting m	Northing m	RL m	Grid	Li2O_ppm	Ta2O5_ppm	Cs2O_ppm	BeO	Nb_ppm	K/Rb ratio
XT0143	398447	7289312	299	GDA94_50S	78.15	0.53	0.33	6.08	1.75	104.43
XT0144	398493	7289369	300	GDA94_50S	61.58	0.90	7.08	2.17	9.43	161.56
XT0145	398234	7289311	296	GDA94_50S	2.58	0.27	-0.05	69.70	1.74	175.51
XT0146	398235	7289301	296	GDA94_50S	4.09	0.32	0.12	3.64	1.29	142.27
XT0147	398214	7289261	296	GDA94_50S	3.23	0.35	-0.05	34.81	1.05	150.00
XT0148	397997	7288562	292	GDA94_50S	27.77	0.31	2.71	13.91	1.91	189.63
XT0149	398562	7288805	299	GDA94_50S	53.83	11.83	11.22	320.33	22.3	83.87
XT0150	398562	7288805	299	GDA94_50S	4.74	0.17	165.70	9.47	0.33	65.21
XT0151	398562	7288805	299	GDA94_50S	128.53	41.63	96.34	18.04	62.61	66.54
XT0152	398562	7288805	299	GDA94_50S	84.61	0.88	1.09	1.69	4.01	288.45
XT0153	398591	7288767	299	GDA94_50S	538.68	213.46	350.09	43.22	316.54	32.99
XT0154	399443	7287986	300	GDA94_50S	344.05	2.67	25.16	13.77	17.32	158.31
XT0155	399443	7287986	300	GDA94_50S	105.07	8.36	5.45	19.57	35.01	162.41
XT0156	399443	7287986	300	GDA94_50S	56.41	2.01	1.77	10.49	6.2	126.24
XT0157	399443	7287986	300	GDA94_50S	187.74	13.16	8.40	19.35	64.83	117.47
XT0158	399636	7287857	302	GDA94_50S	43.92	50.13	136.09	12.32	15.4	145.46
XT0159	399636	7287857	302	GDA94_50S	14.86	3.28	5.05	55.10	1.73	218.78
XT0160	399636	7287857	302	GDA94_50S	395.51	46.60	44.18	43.16	142.33	110.27
XT0161	399419	7287855	300	GDA94_50S	56.84	31.13	49.72	110.25	36.58	90.28
XT0162	399419	7287855	300	GDA94_50S	46.29	9.63	13.09	77.78	9.27	87.22
XT0163	399419	7287855	300	GDA94_50S	314.77	190.72	287.74	46.66	401	46.99
XT0164	399419	7287855	300	GDA94_50S	10.55	3.60	80.13	10.80	4.05	138.66
XT0165	398102	7287793	291	GDA94_50S	45.21	1.77	4.92	10.85	6.75	105.96
XT0166	398102	7287793	291	GDA94_50S	61.79	1.70	3.23	3.39	14.84	116.92
XT0167	398370	7287489	292	GDA94_50S	31.43	1.60	11.34	5.44	8.62	171.46
XT0168	398370	7287489	292	GDA94_50S	482.06	11.84	17.31	24.82	152.21	89.00
XT0169	398370	7287489	292	GDA94_50S	12.70	0.44	18.88	10.74	1.7	165.57
XT0170	398703	7287526	297	GDA94_50S	536.31	22.08	27.44	33.64	179.36	91.65
XT0171	398703	7287526	297	GDA94_50S	7.97	0.06	13.76	4.11	0.31	148.22
XT0172	398831	7287563	297	GDA94_50S	29.07	1.86	1.87	44.94	5.8	198.49
XT0173	398831	7287563	297	GDA94_50S	2.15	0.12	20.62	9.72	0.2	153.39
XT0174	398831	7287563	297	GDA94_50S	158.89	7.36	9.64	20.76	74.67	90.24
XT0175	399098	7287414	298	GDA94_50S	88.49	11.53	7.91	54.68	32.7	83.36
XT0176	399098	7287414	298	GDA94_50S	7.10	0.28	41.92	9.38	0.47	102.68
XT0177	399098	7287414	298	GDA94_50S	1096.74	233.32	528.62	55.82	377.63	44.08
XT0178	399598	7287136	301	GDA94_50S	4.95	1.16	17.83	5.88	1.34	128.67
XT0179	399598	7287136	301	GDA94_50S	986.72	12.75	17.42	45.80	144.84	109.68
XT0180	399598	7287136	301	GDA94_50S	45.43	0.34	0.56	5.72	0.81	155.06
XT0181	399711	7287285	305	GDA94_50S	3.66	0.76	0.24	10.24	2.6	140.93
XT0182	398881	7287763	298	GDA94_50S	39.40	4.81	17.99	8245.01	6.12	180.13
XT0183	398881	7287763	298	GDA94_50S	193.77	148.96	183.24	50.41	209.36	54.92
XT0184	398881	7287763	298	GDA94_50S	31.43	0.74	0.67	42.83	0.89	221.43
XT0185	398881	7287763	298	GDA94_50S	8.40	1.39	67.55	17.40	1.26	86.60
XT0186	398958	7286963	294	GDA94_50S	7.75	0.24	15.24	29.09	0.36	111.42
XT0187	398958	7286963	294	GDA94_50S	781.11	20.06	22.23	35.03	183.64	61.64
XT0188	399851	7286995	296	GDA94_50S	344.05	20.21	25.44	27.18	135.74	76.61
XT0189	399851	7286995	296	GDA94_50S	21.31	0.51	9.51	5.77	5.16	153.88
XT0190	399901	7286924	296	GDA94_50S	115.40	9.33	9.27	40.83	41.91	126.92
XT0191	399901	7286924	296	GDA94_50S	438.57	15.65	20.39	35.56	178.59	89.34
XT0192	399901	7286924	296	GDA94_50S	63.94	2.53	2.44	12.91	10.47	97.26
XT0193	399901	7286924	296	GDA94_50S	8.61	0.38	12.99	5.97	1.94	131.29
XT0194	400997	7286088	294	GDA94_50S	4.74	0.17	19.52	10.33	0.46	178.12
XT0195	400997	7286088	294	GDA94_50S	82.03	1.33	0.85	12.05	4.63	228.74
XT0196	401373	7285891	293	GDA94_50S	8.18	0.39	9.24	27.67	0.79	136.45
XT0197	398578	7284593	281	GDA94_50S	31.22	0.84	1.37	3.75	8.88	240.68
XT0198	401997	7284744	280	GDA94_50S	51.03	4.15	174.14	10.66	2.14	119.63
XT0201	400630	7284020	281	GDA94_50S	86.34	3.03	13.11	9.85	16.34	211.97
XT0202	399905	7283257	279	GDA94_50S	367.73	10.49	11.26	30.92	126.19	120.25
XT0203	400410	7283033	289	GDA94_50S	155.88	0.09	0.85	10.46	0.36	127.43
XT0204	401604	7283175	275	GDA94_50S	5.60	0.22	0.67	71.84	1.9	164.08



Sample ID	Easting m	Northing m	RL m	Grid	Li2O_ppm	Ta2O5_ppm	Cs2O_ppm	BeO	Nb_ppm	K/Rb ratio
XT0205	401627	7282644	277	GDA94_50S	112.17	4.25	10.91	21.48	31.09	116.90
XT0206	399701	7281997	275	GDA94_50S	31.86	0.37	0.89	2.11	4.1	211.58
XT0207	399604	7281668	273	GDA94_50S	2.37	0.16	34.30	9.80	0.33	100.12
XT0208	399321	7281136	277	GDA94_50S	2.80	0.28	6.74	1.86	0.84	216.54
XT0209	398763	7281085	275	GDA94_50S	85.90	1.66	3.01	9.63	21.25	236.37
XT0210	398658	7281196	275	GDA94_50S	230.37	4.71	9.63	2.08	69.02	78.60
XT0211	394319	7281967	283	GDA94_50S	11.20	0.13	0.66	1.58	1.27	127.76
XT0212	394445	7283689	285	GDA94_50S	17.22	1.42	0.12	4.14	19.72	176.31
XT0213	395326	7283090	279	GDA94_50S	19.38	3.75	0.71	4.69	29.41	171.61
XT0214	396346	7285148	286	GDA94_50S	7.75	0.89	0.16	36.42	10.38	159.23
XT0215	395399	7285908	292	GDA94_50S	77.08	0.55	0.72	2.36	7.13	359.90
XT0216	395607	7285893	291	GDA94_50S	21.31	2.77	0.35	2.89	12.46	195.19
XT0217	396540	7287202	290	GDA94_50S	2.58	0.12	-0.05	13.02	0.84	315.09
XT0218	394327	7287684	311	GDA94_50S	24.33	0.65	1.54	1.03	3.8	216.69
XT0219	394327	7287684	311	GDA94_50S	23.90	0.85	12.98	3.22	4.85	165.32
XT0220	396657	7287845	292	GDA94_50S	2.15	0.22	12.73	5.36	0.42	254.09
XT0221	396657	7287845	292	GDA94_50S	115.19	20.55	19.57	30.98	106.29	122.60
XT0222	398309	7288265	291	GDA94_50S	12.27	0.78	17.33	5.94	4.39	116.75
XT0223	398421	7287675	293	GDA94_50S	2.58	0.18	8.20	20.74	0.28	164.80
XT0224	398438	7288457	294	GDA94_50S	6.24	0.20	10.47	8.36	0.94	231.36
XT0225	398597	7287949	293	GDA94_50S	25.84	0.83	11.52	6.00	4.08	147.13
XT0226	398597	7287949	293	GDA94_50S	14.64	0.22	25.99	8.27	0.25	99.71
XT0227	398597	7287949	293	GDA94_50S	853.45	13.08	15.24	37.17	162.24	108.58
XT0228	400744	7286138	289	GDA94_50S	3.44	0.16	13.08	3.80	0.45	141.28
XT0229	400744	7286138	289	GDA94_50S	870.24	12.61	18.28	33.53	141.5	100.81
XT0230	400163	7286496	298	GDA94_50S	5.17	0.11	9.70	2.55	0.28	153.42
XT0231	400163	7286496	298	GDA94_50S	721.04	7.73	12.40	18.79	124.28	112.99
XT0232	400048	7286962	293	GDA94_50S	8.18	0.59	4.99	34.23	1.47	203.07
XT0233	400156	7287102	297	GDA94_50S	44.35	0.84	15.98	7.74	7.63	168.60
XT0234	400156	7287102	297	GDA94_50S	46.07	0.12	1.52	4.02	0.32	234.06
XT0235	400156	7287102	297	GDA94_50S	411.22	40.14	40.96	32.28	199.29	108.54
XT0236	399777	7287810	303	GDA94_50S	11.63	0.13	30.48	6.83	0.31	187.57
XT0237	399777	7287810	303	GDA94_50S	387.97	59.11	52.06	37.56	149.23	114.91
XT0238	399777	7287810	303	GDA94_50S	71.69	2.88	2.46	18.88	6.31	136.91
XT0239	399167	7287441	299	GDA94_50S	11.41	1.06	18.11	5.61	3.64	127.00
XT0240	399167	7287441	299	GDA94_50S	625.45	258.81	453.60	45.47	247.58	48.25
XT0241	399539	7287353	303	GDA94_50S	3.88	0.49	17.37	7.36	0.79	108.38
XT0242	399539	7287353	303	GDA94_50S	689.18	24.53	31.22	20.65	248.02	72.94
XT0243	398445	7289568	299	GDA94_50S	33.59	8.49	712.20	12.71	5.24	36.48
XT0244	398445	7289568	299	GDA94_50S	56.84	7.63	16.46	10.46	7.35	54.85
XT0245	398445	7289568	299	GDA94_50S	191.62	76.90	146.82	66.04	165.89	28.18
XT0246	399335	7286176	297	GDA94_50S	20.02	0.83	11.27	5.63	4.76	149.79
XT0247	399335	7286176	297	GDA94_50S	178.70	29.36	30.04	51.60	218.58	77.65
XT0248	399335	7286176	297	GDA94_50S	2.37	0.18	13.57	6.61	0.48	139.37
XT0249	399591	7285910	294	GDA94_50S	7.75	0.99	16.83	11.30	4.16	134.14
XT0250	385324	7291537	288	GDA94_50S	40.26	0.40	0.61	1.80	4.11	248.07
XT0251	385240	7291514	288	GDA94_50S	62.01	0.02	0.17	4.05	0.17	176.96
XT0252	385411	7291702	289	GDA94_50S	10.12	0.71	0.45	8.41	7.51	203.69
XT0253	385681	7291196	288	GDA94_50S	7.97	0.09	0.06	85.16	0.58	234.04
XT0254	385707	7291570	289	GDA94_50S	8.61	0.07	2.97	83.22	0.71	107.58
XT0255	385916	7291518	291	GDA94_50S	6.46	0.13	3.81	1.75	0.71	242.56
XT0256	386310	7291430	291	GDA94_50S	3.66	0.06	10.46	2.58	0.25	192.53
XT0257	386310	7291430	291	GDA94_50S	23.90	0.81	0.96	5.44	2.53	145.04
XT0258	387348	7291174	293	GDA94_50S	10.55	0.46	0.38	113.95	2.28	194.87
XT0259	387983	7291257	297	GDA94_50S	21.31	0.99	1.61	7.99	5.09	314.57
XT0260	387974	7291233	297	GDA94_50S	9.90	0.07	2.09	1.30	0.43	315.37
XT0261	387554	7290854	294	GDA94_50S	4.09	0.27	0.23	6.83	2.46	159.75
XT0262	387256	7290533	294	GDA94_50S	92.36	1.42	7.08	11.13	11.1	152.69
XT0263	387262	7290567	294	GDA94_50S	7.10	0.22	0.14	1.50	2.78	194.42
XT0264	387262	7290567	294	GDA94_50S	5.81	0.11	0.13	24.90	0.84	185.71
XT0265	387536	7290683	295	GDA94_50S	9.69	0.40	0.48	13.99	2.8	169.63
XT0266	387554	7290854	294	GDA94_50S	3.44	0.09	0.17	16.18	0.54	172.95
XT0267	386598	7290691	290	GDA94_50S	6.46	0.04	0.05	0.72	0.72	241.12
XT0268	385701	7290027	291	GDA94_50S	3.23	1.16	0.18	23.73	12.65	129.91

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Sample ID	Easting m	Northing m	RL m	Grid	Li2O_ppm	Ta2O5_ppm	Cs2O_ppm	BeO	Nb_ppm	K/Rb ratio
XT0269	386376	7290072	291	GDA94_50S	31.22	0.85	0.17	2.61	12.22	161.51
XT0270	386690	7289677	293	GDA94_50S	19.38	1.66	3.16	6.88	12.72	177.10
XT0271	386669	7289690	293	GDA94_50S	20.02	0.40	4.98	80.91	4.92	121.65
XT0272	385667	7289544	290	GDA94_50S	12.92	0.26	0.47	0.69	3.47	120.72
XT0273	386520	7289535	292	GDA94_50S	1.94	0.11	65.74	8.05	0.35	98.62
XT0274	385825	7289228	290	GDA94_50S	189.46	0.67	0.46	0.47	9.93	126.88
XT0275	385975	7289322	290	GDA94_50S	15.72	0.74	11.80	60.51	10.44	38.70
XT0276	386015	7289216	290	GDA94_50S	5.81	0.10	1.45	1.36	1.14	262.17
XT0277	385918	7289104	290	GDA94_50S	1.94	0.04	2.06	0.80	0.28	254.30
XT0278	385883	7289072	290	GDA94_50S	3.01	0.04	5.41	1.55	0.41	218.78
XT0279	385843	7289098	290	GDA94_50S	3.88	0.16	0.34	41.00	1.45	288.53
XT0280	386084	7288280	292	GDA94_50S	81.17	0.78	5.93	11.08	13.39	126.38
XT0281	386089	7288228	292	GDA94_50S	33.16	0.46	0.84	9.24	4.51	306.77
XT0282	386089	7288228	292	GDA94_50S	6.24	0.15	0.23	13.91	1.81	272.15
XT0283	386609	7289031	294	GDA94_50S	9.26	0.11	1.38	0.56	1.07	241.24
XT0284	386690	7288746	294	GDA94_50S	244.15	10.53	30.61	28.26	126.56	63.41
XT0285	386690	7288746	294	GDA94_50S	89.56	22.50	3.80	13.68	57.6	98.28
XT0286	386453	7288213	293	GDA94_50S	6.03	0.59	1.72	18.63	5.59	110.59
XT0287	386453	7288213	293	GDA94_50S	17.01	1.48	1.19	4.33	19.21	163.24
XT0288	385669	7287170	297	GDA94_50S	6.03	0.37	0.08	0.80	3.38	195.31
XT0289	385669	7287170	297	GDA94_50S	3.44	0.76	2.60	0.42	1.9	45.24
XT0290	386882	7287296	296	GDA94_50S	4.95	0.27	0.11	211.43	2.3	179.41
XT0291	387002	7287146	297	GDA94_50S	157.17	1.23	7.94	17.18	15.87	81.52
XT0292	386846	7286542	300	GDA94_50S	91.29	0.77	1.06	7.80	10.17	110.01
XT0293	386638	7289076	294	GDA94_50S	16.58	0.26	4.09	0.67	3.2	236.88
XT0294	386621	7289108	293	GDA94_50S	2.37	0.13	0.16	77.17	1.06	202.01
XT0295	386621	7289108	293	GDA94_50S	4.09	63.47	356.74	15.21	40.63	28.54
XT0296	386700	7289103	294	GDA94_50S	5.38	0.79	3.70	0.44	2.74	233.73
XT0297	386700	7289103	294	GDA94_50S	3.88	0.24	3.19	4.00	1.03	239.93
XT0298	386677	7289050	294	GDA94_50S	3.66	0.22	3.19	0.31	0.79	239.97
XT0299	386824	7289076	294	GDA94_50S	4.52	0.12	2.10	0.44	0.85	278.51
XT0300	387570	7288968	298	GDA94_50S	71.48	0.34	2.06	0.97	6.11	236.22
XT0301	388324	7286096	310	GDA94_50S	72.99	0.42	0.94	5.19	4.81	172.78
XT0302	388134	7285622	314	GDA94_50S	93.22	1.98	4.35	7.61	18.01	64.54
XT0303	388134	7285622	314	GDA94_50S	16.15	0.24	0.65	24.29	2.75	262.70
XT0304	388046	7285568	313	GDA94_50S	94.09	7.25	4.24	9.33	25.5	67.80
XT0305	388046	7285568	313	GDA94_50S	344.91	18.50	21.78	18.01	91.91	82.70
XT0306	388587	7285736	314	GDA94_50S	150.49	0.87	3.31	9.55	9.54	101.12
XT0307	388587	7285736	314	GDA94_50S	662.69	8.17	32.39	27.37	174.89	72.74
XT0308	388587	7285736	314	GDA94_50S	154.80	2.64	7.74	9.08	26.91	67.14
XT0309	388739	7285776	318	GDA94_50S	3.66	0.16	19.01	4.58	0.48	124.19
XT0310	388771	7285716	317	GDA94_50S	66.74	1.39	12.49	6.19	10.69	104.00
XT0311	388771	7285716	317	GDA94_50S	7.97	0.21	10.77	3.08	1.23	128.83
XT0312	388771	7285716	317	GDA94_50S	991.89	10.99	23.79	21.62	175.43	66.66
XT0313	388686	7285754	317	GDA94_50S	67.17	0.78	1.70	5.27	7.23	69.61
XT0314	388780	7285748	318	GDA94_50S	145.97	9.70	29.23	17.65	50.91	66.99
XT0315	388778	7285769	318	GDA94_50S	124.66	4.76	14.81	18.88	31.96	112.51
XT0316	388770	7285792	318	GDA94_50S	867.66	16.12	46.02	24.73	211.91	67.13
XT0317	388770	7285792	318	GDA94_50S	7.10	0.24	19.25	4.91	0.9	132.24
XT0318	388992	7285746	323	GDA94_50S	286.35	8.32	13.39	14.68	65.11	55.74
XT0319	389339	7285128	335	GDA94_50S	58.78	1.87	3.21	5.47	10.63	88.37
XT0320	387180	7286550	304	GDA94_50S	51.89	2.27	2.67	4.19	19.24	66.58
XT0321	387036	7286588	302	GDA94_50S	140.38	2.94	4.27	6.47	28.72	72.88
XT0322	385996	7286271	300	GDA94_50S	6.67	0.26	1.09	68.59	2.06	107.21
XT0323	388026	7284599	321	GDA94_50S	156.95	1.51	5.06	10.05	23.18	115.78
XT0324	386644	7289131	294	GDA94_50S	15.93	6.11	115.88	13.30	8.63	37.96
XT0325	386616	7289017	294	GDA94_50S	7.10	0.24	2.23	0.44	1.76	256.44
XT0326	386876	7289258	294	GDA94_50S	3.66	0.56	30.11	7.61	2.8	61.72
XT0327	386887	7289242	294	GDA94_50S	7.97	1.50	3.53	13.05	6.23	240.45
XT0328	386887	7289242	294	GDA94_50S	5.60	0.61	8.61	9.91	3.62	156.11
XT0329	387140	7289301	295	GDA94_50S	3.88	53.44	104.78	217.71	74.92	32.94
XT0330	386573	7288923	293	GDA94_50S	4.95	0.43	2.25	143.59	1	61.86
XT0331	385700	7288994	290	GDA94_50S	9.90	0.28	3.55	2.53	2.12	322.49
XT0332	385700	7288994	290	GDA94_50S	7.32	0.59	2.72	10.58	1.1	280.01

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Sample ID	Easting m	Northing m	RL m	Grid	Li2O_ppm	Ta2O5_ppm	Cs2O_ppm	BeO	Nb_ppm	K/Rb ratio
XT0333	388386	7289836	301	GDA94_50S	24.76	0.81	0.17	8.11	10.67	208.90
XT0334	388386	7289836	301	GDA94_50S	3.23	0.59	0.15	0.67	5.78	138.53
XT0335	386666	7289158	294	GDA94_50S	2.15	11.99	51.58	16.68	45.94	47.63
XT0336	386696	7289189	294	GDA94_50S	5.60	5.62	104.77	12.66	20.17	47.13
XT0337	386759	7289175	294	GDA94_50S	8.40	0.33	7.85	2.97	2.2	237.90
XT0338	386727	7289146	294	GDA94_50S	7.54	0.21	5.05	1.69	1.11	223.00
XT0339	386727	7289146	294	GDA94_50S	21.31	0.89	4.34	5.30	9.57	194.86
XT0340	386686	7289038	294	GDA94_50S	6.03	0.33	2.60	0.33	2.68	241.16
XT0341	387136	7289298	295	GDA94_50S	5.38	12.31	61.47	42.89	22.17	43.58
XT0342	387151	7289297	295	GDA94_50S	5.81	22.63	37.70	430.03	39.18	38.66
XT0343	387142	7289293	295	GDA94_50S	9.26	34.73	47.43	21.60	83.68	44.64
XT0344	387129	7289279	295	GDA94_50S	4.52	75.01	62.14	70.51	133.46	44.61
XT0345	387101	7289267	294	GDA94_50S	12.70	16.05	61.32	258.82	43.38	47.42
XT0346	387091	7289252	294	GDA94_50S	3.23	8.95	114.35	13.57	12.85	49.65
XT0347	387079	7289249	294	GDA94_50S	1.72	4.86	78.33	26.73	8.15	40.56
XT0348	387054	7289244	294	GDA94_50S	3.44	6.70	36.63	14.49	31.14	56.96
XT0349	387117	7289293	295	GDA94_50S	5.81	0.49	7.24	1.05	1.34	214.15
XT0350	387117	7289293	295	GDA94_50S	6.67	0.32	3.82	0.92	1.35	232.36
XT0351	388767	7285802	319	GDA94_50S	7.10	2.32	37.19	9.35	6.96	64.17
XT0352	388791	7285807	319	GDA94_50S	3.66	0.11	10.87	2.75	0.33	154.97
XT0353	388823	7285825	319	GDA94_50S	5.17	0.20	16.97	3.78	0.62	138.53
XT0354	388841	7285816	320	GDA94_50S	2.80	0.10	13.58	3.25	0.29	109.85
XT0355	388841	7285816	320	GDA94_50S	342.33	5.97	21.71	10.58	71.79	68.36
XT0356	388807	7285796	319	GDA94_50S	38.75	0.67	16.83	5.58	7.74	121.58
XT0357	388780	7285774	318	GDA94_50S	11.20	0.26	18.75	5.39	2.17	105.68
XT0358	388742	7285750	318	GDA94_50S	35.96	3.20	31.17	9.22	10.81	96.65
XT0359	388742	7285750	318	GDA94_50S	1480.40	8.77	18.72	23.98	158.72	60.96
XT0360	388742	7285688	316	GDA94_50S	7.10	0.74	17.80	4.02	1.4	110.97
XT0361	388812	7285753	318	GDA94_50S	71.05	0.67	22.48	6.66	7.93	79.26
XT0362	388812	7285740	318	GDA94_50S	4.31	1.11	19.59	5.61	1.73	89.25
XT0363	388766	7285691	317	GDA94_50S	9.04	0.60	25.72	3.58	1.29	113.11
XT0364	388766	7285691	317	GDA94_50S	57.27	0.90	6.71	7.38	6.14	99.45
XT0365	388768	7285701	317	GDA94_50S	5.38	0.20	13.27	3.55	0.97	125.98
XT0366	388768	7285701	317	GDA94_50S	661.62	16.88	24.73	21.04	152.93	58.58
XT0367	388232	7284662	326	GDA94_50S	6.24	0.11	4.06	1.33	0.6	211.33
XT0368	387902	7284567	321	GDA94_50S	69.11	1.86	4.10	8.74	14.06	149.00
XT0369	387400	7283744	308	GDA94_50S	9.90	0.24	3.53	13.88	2.06	116.99
XT0370	387501	7283622	312	GDA94_50S	32.94	6.11	16.94	15.91	12.67	107.06
XT0371	387202	7281454	289	GDA94_50S	62.22	1.92	4.19	7.24	22.98	195.84
XT0372	385992	7283572	301	GDA94_50S	90.64	0.60	3.69	6.91	14.01	178.01
XT0373	386887	7284911	311	GDA94_50S	42.63	4.58	6.99	13.88	29.39	71.35
XT0374	387208	7284858	312	GDA94_50S	4.09	0.09	8.68	3.14	0.59	136.49
XT0375	387208	7284858	312	GDA94_50S	32.30	5.23	12.22	20.29	23.49	128.65
XT0376	388143	7290407	315	GDA94_50S	10.55	0.51	8.41	3.05	2.97	277.34
XT0377	388143	7290407	315	GDA94_50S	15.93	0.73	8.22	2.19	3.73	261.53
XT0378	388159	7290406	315	GDA94_50S	2.80	0.33	14.21	3.78	0.45	199.41
XT0379	388159	7290406	315	GDA94_50S	4.31	0.18	7.82	3.66	0.5	219.73
XT0380	388530	7289899	303	GDA94_50S	9.26	0.31	11.72	1.92	1.14	220.89
XT0381	388530	7289899	303	GDA94_50S	19.59	0.16	0.51	5.14	0.39	187.52
XT0382	392422	7282939	292	GDA94_50S	3.44	0.39	15.17	4.02	1.79	200.98
XT0383	392382	7282905	292	GDA94_50S	3.88	0.27	10.17	3.61	0.97	197.10
XT0384	392289	7282842	294	GDA94_50S	4.09	0.05	5.57	2.11	0.22	226.35
XT0385	392245	7282816	294	GDA94_50S	2.15	0.02	4.97	1.61	0.12	227.62
XT0386	392189	7282801	295	GDA94_50S	3.66	0.12	16.86	2.72	0.15	204.14
XT0387	392140	7282787	296	GDA94_50S	2.80	0.04	5.59	1.94	0.2	224.89
XT0388	392085	7282752	298	GDA94_50S	3.66	0.02	6.31	1.92	0.19	208.33
XT0389	392036	7282742	299	GDA94_50S	4.95	0.06	5.71	1.86	0.25	213.77
XT0390	392002	7282718	301	GDA94_50S	4.95	0.10	6.64	2.08	0.26	207.90
XT0391	392002	7282718	301	GDA94_50S	78.37	0.81	12.54	5.33	6.88	174.13
XT0392	392002	7282718	301	GDA94_50S	210.78	2.63	21.31	2.86	22.51	172.28
XT0393	392012	7282707	301	GDA94_50S	9.90	0.20	7.42	5.69	0.99	236.97
XT0394	392087	7282738	298	GDA94_50S	5.17	0.15	9.13	2.86	0.59	199.36
XT0395	391943	7282679	301	GDA94_50S	71.91	3.87	16.98	24.12	15.89	150.38
XT0396	391943	7282679	301	GDA94_50S	10.77	0.11	11.14	3.16	0.41	188.52

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Sample ID	Easting m	Northing m	RL m	Grid	Li2O_ppm	Ta2O5_ppm	Cs2O_ppm	BeO	Nb_ppm	K/Rb ratio
XT0397	391897	7282663	300	GDA94_50S	9.90	0.17	6.63	2.69	1.19	214.25
XT0398	391890	7282643	300	GDA94_50S	13.35	0.21	6.55	8.16	1.34	218.18
XT0399	391851	7282645	297	GDA94_50S	4.52	0.06	4.83	1.64	0.42	218.28
XT0400	391852	7282622	299	GDA94_50S	13.56	0.10	5.41	3.75	0.66	229.02
XT0401	391840	7282595	298	GDA94_50S	4.31	0.02	4.47	1.61	0.15	224.96
XT0402	391861	7282670	298	GDA94_50S	20.02	0.51	4.85	23.04	3.66	174.21
XT0403	391805	7282701	296	GDA94_50S	59.42	5.01	20.12	40.03	19.86	192.71
XT0404	391805	7282701	296	GDA94_50S	1.51	0.13	57.41	12.66	0.51	120.71
XT0405	391722	7282707	296	GDA94_50S	35.52	0.48	17.13	8.55	2.79	181.64
XT0406	391653	7282694	297	GDA94_50S	2.58	0.16	22.19	5.91	0.54	180.86
XT0407	391585	7282682	298	GDA94_50S	3.23	0.16	8.50	2.75	0.84	208.43
XT0408	391510	7282673	299	GDA94_50S	12.49	0.70	0.86	31.03	1.18	694.35
XT0409	391486	7282665	300	GDA94_50S	0.86	0.09	4.33	1.36	0.4	230.22
XT0410	391834	7282611	298	GDA94_50S	5.17	0.06	10.24	2.36	0.31	213.95
XT0411	391801	7282621	296	GDA94_50S	1.94	0.34	4.95	2.17	1.11	229.37
XT0412	391754	7282630	295	GDA94_50S	4.09	0.12	11.05	2.53	0.28	195.04
XT0413	391698	7282647	296	GDA94_50S	3.88	0.12	22.73	4.41	0.34	177.25
XT0414	391636	7282629	296	GDA94_50S	4.95	0.32	23.09	11.55	0.82	161.54
XT0415	391625	7282630	297	GDA94_50S	15.29	1.38	20.12	19.46	3.18	188.48
XT0416	391633	7282607	296	GDA94_50S	4.31	0.65	21.79	5.52	1.96	176.28
XT0417	391775	7282566	296	GDA94_50S	1.51	0.26	12.60	3.41	0.5	179.09
XT0418	391721	7282577	295	GDA94_50S	3.66	0.09	6.07	1.83	0.42	203.65
XT0419	391669	7282581	295	GDA94_50S	10.55	0.04	1.24	14.07	0.22	283.68
XT0420	391550	7282599	298	GDA94_50S	1.72	0.04	4.17	1.50	0.15	224.57
XT0421	391487	7282592	300	GDA94_50S	2.80	0.06	9.24	2.33	0.25	204.29
XT0422	391483	7282571	300	GDA94_50S	2.58	0.11	8.41	2.66	0.44	201.12
XT0423	391554	7282574	298	GDA94_50S	26.70	2.31	12.12	16.99	10.55	184.23
XT0424	391554	7282574	298	GDA94_50S	4.95	0.20	6.58	2.08	0.63	221.66
XT0425	391621	7282564	296	GDA94_50S	2.15	0.04	6.31	1.69	0.18	217.42
XT0426	391692	7282538	294	GDA94_50S	15.50	1.36	10.79	4.89	4.02	196.96
XT0427	391779	7282499	299	GDA94_50S	2.58	0.46	7.96	5.83	1.39	190.45
XT0428	391870	7282532	301	GDA94_50S	2.37	0.06	10.37	4.83	0.36	192.40
XT0429	391903	7282542	303	GDA94_50S	4.09	0.16	6.37	4.61	0.84	206.61
XT0430	391973	7282562	306	GDA94_50S	5.60	0.85	7.96	13.30	1.91	214.84
XT0431	391580	7282468	294	GDA94_50S	10.77	0.13	6.53	2.28	1.42	203.89
XT0432	391354	7282326	296	GDA94_50S	6.03	0.16	7.82	2.41	1.16	199.58
XT0433	391231	7282263	295	GDA94_50S	6.67	0.09	7.73	2.97	0.53	236.29
XT0434	391231	7282263	295	GDA94_50S	3.66	0.05	6.07	2.89	0.26	221.80
XT0435	391174	7282311	296	GDA94_50S	7.97	0.68	25.12	7.36	1.12	177.13
XT0436	391229	7282295	295	GDA94_50S	2.37	0.02	6.21	1.89	0.15	219.40
XT0437	391093	7282220	301	GDA94_50S	2.80	0.05	5.79	1.75	0.2	217.93
XT0438	391008	7282190	302	GDA94_50S	15.29	0.34	5.35	15.74	1.2	224.48
XT0439	391008	7282190	302	GDA94_50S	5.38	0.11	6.38	2.80	0.6	229.34
XT0440	391002	7282201	303	GDA94_50S	15.07	0.43	3.46	14.85	3.63	234.44
XT0441	390938	7282192	303	GDA94_50S	3.44	0.05	5.74	2.00	0.48	219.24
XT0442	393925	7281246	284	GDA94_50S	1.94	0.53	16.81	6.52	0.96	182.99
XT0443	393861	7281274	284	GDA94_50S	26.05	1.28	3.78	30.76	5.95	200.15
XT0444	393798	7281285	284	GDA94_50S	3.23	0.27	6.90	2.58	0.4	206.60
XT0445	393798	7281285	284	GDA94_50S	13.56	0.33	3.72	9.27	2.32	220.20
XT0446	393729	7281294	283	GDA94_50S	5.38	0.10	4.91	1.69	0.71	221.29
XT0447	393638	7281290	283	GDA94_50S	4.74	0.13	4.61	1.58	0.68	221.93
XT0448	393557	7281296	283	GDA94_50S	34.02	1.25	6.24	5.66	12.38	197.54
XT0449	393502	7281306	284	GDA94_50S	23.90	0.85	5.34	2.50	7.13	211.82
XT0450	393426	7281300	283	GDA94_50S	3.23	0.06	5.43	2.17	0.3	209.76
XT0451	393336	7281319	283	GDA94_50S	26.70	0.81	5.88	3.00	6.91	205.79
XT0452	393097	7281270	283	GDA94_50S	5.60	0.05	5.11	1.61	0.39	239.80
XT0453	393044	7281276	283	GDA94_50S	3.88	0.12	9.00	2.41	0.6	235.36
XT0454	392974	7281267	283	GDA94_50S	38.54	0.95	6.86	2.97	11.18	220.70
XT0455	392971	7281160	282	GDA94_50S	2.37	0.10	7.36	1.75	0.38	230.48
XT0456	392941	7281133	282	GDA94_50S	8.18	0.33	2.69	23.68	1.05	274.93
XT0457	392886	7281168	282	GDA94_50S	2.80	0.07	5.69	1.86	0.29	236.13
XT0458	392836	7281203	283	GDA94_50S	3.23	0.12	5.51	2.22	0.32	237.32
XT0459	392788	7281408	284	GDA94_50S	76.00	15.63	22.87	8.97	56.09	131.63
XT0460	392701	7281415	285	GDA94_50S	246.30	2.80	12.44	2.44	31.18	169.60

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Sample ID	Easting m	Northing m	RL m	Grid	Li2O_ppm	Ta2O5_ppm	Cs2O_ppm	BeO	Nb_ppm	K/Rb ratio
XT0461	392637	7281428	285	GDA94_50S	51.46	2.06	70.93	51.19	7.05	181.97
XT0462	391738	7281334	286	GDA94_50S	5.17	0.26	5.01	8.13	1.15	233.41
XT0463	391774	7281180	285	GDA94_50S	5.17	0.35	6.70	2.36	1.25	221.08
XT0464	392547	7281027	283	GDA94_50S	8.18	0.24	6.94	2.66	1.4	218.55
XT0465	392483	7280978	283	GDA94_50S	10.55	0.23	5.53	1.72	3.77	232.55
XT0466	392427	7280927	283	GDA94_50S	11.20	0.21	5.04	2.08	3.19	239.93
XT0467	392283	7280868	284	GDA94_50S	1.72	0.05	5.64	2.08	0.37	226.22
XT0468	392233	7280830	284	GDA94_50S	2.15	0.04	5.26	1.67	0.19	228.12
XT0469	392324	7280805	283	GDA94_50S	128.10	6.73	8.42	20.68	59.11	112.85
XT0470	392324	7280805	283	GDA94_50S	67.17	1.70	4.88	5.91	23.51	145.86
XT0471	392213	7280899	284	GDA94_50S	34.88	0.65	4.40	2.50	11.5	184.71
XT0472	392148	7280925	284	GDA94_50S	26.05	0.56	3.68	7.33	9.4	184.92
XT0473	392069	7280962	285	GDA94_50S	6.67	0.21	7.07	1.72	1.33	183.17
XT0474	391291	7280865	289	GDA94_50S	4.52	0.28	9.01	2.39	0.83	180.96
XT0475	391222	7280897	289	GDA94_50S	12.06	1.60	10.77	23.46	11.13	140.85
XT0476	391150	7280911	289	GDA94_50S	1.29	0.15	6.34	1.72	0.53	181.26
XT0477	391063	7280916	289	GDA94_50S	8.61	0.35	2.04	3.14	4.43	259.49
XT0478	390614	7280825	287	GDA94_50S	3.23	0.05	5.56	1.72	0.22	178.46
XT0479	390558	7280848	288	GDA94_50S	3.66	0.07	5.64	1.80	0.37	178.80
XT0480	390425	7280879	288	GDA94_50S	17.87	0.24	4.77	1.33	3.54	191.84
XT0481	390246	7280977	289	GDA94_50S	24.11	0.21	6.23	1.30	3.18	196.62
XT0482	390293	7280997	291	GDA94_50S	14.64	0.12	5.99	1.72	1.39	210.51
XT0483	390373	7280989	291	GDA94_50S	4.31	0.20	7.24	1.75	0.87	212.48
XT0484	390440	7280979	291	GDA94_50S	5.38	0.15	6.64	1.61	1.08	184.99
XT0485	390501	7281032	292	GDA94_50S	22.61	0.33	16.42	19.90	1.54	162.24
XT0486	390374	7281032	293	GDA94_50S	27.13	1.17	5.22	10.91	8.22	202.82
XT0487	390258	7281016	290	GDA94_50S	8.40	0.21	3.23	18.07	0.88	198.34
XT0488	390137	7281138	289	GDA94_50S	36.60	0.28	9.03	10.13	2.65	178.60
XT0489	390196	7281135	290	GDA94_50S	37.03	1.58	67.84	15.24	8.1	136.09
XT0490	390232	7281117	290	GDA94_50S	17.44	0.20	5.13	2.03	1.64	212.11
XT0491	390232	7281117	290	GDA94_50S	9.04	0.12	7.07	1.25	0.78	193.14
XT0492	390232	7281117	290	GDA94_50S	6.03	0.21	5.75	2.19	0.73	180.62
XT0493	390318	7281130	294	GDA94_50S	43.71	0.71	11.75	7.49	10.81	183.09
XT0494	390384	7281122	294	GDA94_50S	9.47	0.20	10.50	3.11	1.58	173.18
XT0495	390435	7281116	294	GDA94_50S	7.97	0.23	12.36	2.39	1.56	183.19
XT0496	390518	7281095	292	GDA94_50S	5.17	0.10	5.75	1.25	0.74	196.52
XT0497	393386	7281967	289	GDA94_50S	3.44	0.04	5.70	1.69	0.27	241.11
XT0498	393337	7281917	289	GDA94_50S	9.26	0.13	3.39	16.10	0.37	234.91
XT0499	393295	7281880	290	GDA94_50S	3.23	0.07	8.64	2.39	0.52	246.17
XT0500	393297	7281851	290	GDA94_50S	7.54	0.20	12.61	2.50	0.44	223.61
XT0501	393195	7281822	291	GDA94_50S	80.52	5.39	14.52	17.99	13.56	163.11
XT0502	393142	7281832	291	GDA94_50S	5.60	0.39	5.19	5.80	1.09	232.23
XT0503	393150	7281793	291	GDA94_50S	2.80	0.10	6.07	2.28	0.44	245.79
XT0504	393153	7281780	291	GDA94_50S	19.16	1.75	9.22	6.36	8.35	223.99
XT0505	393037	7281797	290	GDA94_50S	4.31	0.16	6.40	2.25	0.7	224.83
XT0506	393102	7281753	291	GDA94_50S	2.58	0.15	4.86	1.89	0.62	244.06
XT0507	392968	7281778	289	GDA94_50S	23.25	1.94	9.40	5.08	9.93	206.50
XT0508	392880	7281719	287	GDA94_50S	10.12	0.27	5.49	2.36	2.02	247.50
XT0509	392832	7281707	283	GDA94_50S	8.40	0.29	9.85	3.05	1.48	210.15
XT0510	392788	7281698	287	GDA94_50S	12.70	0.45	12.26	3.94	2.66	192.28
XT0511	392556	7281653	288	GDA94_50S	8.61	1.49	12.50	5.00	2.38	204.17
XT0512	392506	7281650	290	GDA94_50S	30.79	4.26	15.00	11.33	12.99	196.55
XT0513	392446	7281649	292	GDA94_50S	46.72	1.38	10.36	18.93	6.36	190.83
XT0514	392396	7281636	294	GDA94_50S	19.38	1.11	8.60	13.43	4.94	206.75
XT0515	392336	7281626	295	GDA94_50S	10.12	1.45	9.04	6.80	3.61	217.49
XT0516	392282	7281610	295	GDA94_50S	4.31	0.16	7.28	2.50	0.62	234.17
XT0517	392237	7281592	293	GDA94_50S	12.92	0.51	7.75	2.66	3.63	233.20
XT0518	392186	7281556	291	GDA94_50S	4.74	0.05	5.52	1.83	0.21	257.35
XT0519	392113	7281544	290	GDA94_50S	5.17	0.06	5.52	2.05	0.48	258.43
XT0520	392060	7281525	290	GDA94_50S	7.32	0.32	8.71	3.91	1.03	220.02
XT0521	392035	7281510	290	GDA94_50S	14.21	0.87	8.51	7.13	4.19	184.30
XT0522	391982	7281496	289	GDA94_50S	31.65	0.70	9.83	4.08	5.09	194.18
XT0523	391934	7281479	288	GDA94_50S	82.68	4.87	13.07	8.99	33.13	157.22
XT0524	391871	7281466	289	GDA94_50S	48.01	2.14	22.70	6.19	9.77	163.21

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Sample ID	Easting m	Northing m	RL m	Grid	Li2O_ppm	Ta2O5_ppm	Cs2O_ppm	BeO	Nb_ppm	K/Rb ratio
XT0525	391816	7281472	290	GDA94_50S	10.98	4.20	46.85	38.69	5.64	124.24
XT0526	391831	7281439	283	GDA94_50S	6.46	0.22	8.49	2.94	0.47	217.33
XT0527	391831	7281439	283	GDA94_50S	1910.79	72.61	350.34	19.99	360.51	45.64
XT0528	391795	7281433	288	GDA94_50S	40.69	3.72	16.45	30.76	13.41	140.37
XT0529	391795	7281433	288	GDA94_50S	25.41	1.04	10.82	2.78	4.45	203.22
XT0530	391784	7281324	287	GDA94_50S	4.74	0.70	10.67	3.00	0.56	239.14
XT0531	391851	7281349	287	GDA94_50S	9.47	0.71	14.22	7.74	1.6	235.07
XT0532	391905	7281373	287	GDA94_50S	12.27	0.16	6.15	8.16	0.78	246.04
XT0533	391905	7281373	287	GDA94_50S	5.17	0.06	5.41	1.55	0.32	257.66
XT0534	392095	7281385	288	GDA94_50S	27.56	1.01	8.13	7.74	6.19	203.45
XT0535	392124	7281327	288	GDA94_50S	32.30	2.66	8.66	7.74	15.45	196.35
XT0536	392169	7281381	288	GDA94_50S	5.17	0.09	4.85	1.80	0.39	239.59
XT0537	392330	7281501	290	GDA94_50S	52.10	1.06	3.46	5.86	15.97	212.20
XT0538	392330	7281501	290	GDA94_50S	9.04	0.16	4.88	2.08	1.92	243.97
XT0539	392381	7281497	290	GDA94_50S	10.55	1.71	8.99	5.08	6.74	197.52
XT0540	392456	7281459	287	GDA94_50S	36.82	0.66	5.43	3.53	11.83	232.43
XT0541	392456	7281459	287	GDA94_50S	6.03	0.04	6.06	1.92	0.4	233.11
XT0542	392633	7281353	284	GDA94_50S	3.23	0.31	3.83	1.75	1.54	250.14
XT0543	392204	7281375	288	GDA94_50S	7.32	0.04	7.42	2.64	0.28	215.70
XT0544	392120	7281251	288	GDA94_50S	37.03	0.62	5.18	2.53	9.75	217.59
XT0545	392107	7281204	288	GDA94_50S	9.69	5.60	8.77	4.16	5.85	203.96
XT0546	392107	7281204	288	GDA94_50S	661.83	10.56	35.81	8.60	109.39	88.22
XT0547	392191	7281160	286	GDA94_50S	11.84	0.42	8.22	2.89	2.45	172.53
XT0548	392191	7281160	286	GDA94_50S	108.08	2.23	6.42	6.30	34.65	148.29
XT0549	392191	7281160	286	GDA94_50S	6.03	0.11	4.86	2.30	0.6	589.85
XT0550	392130	7281150	287	GDA94_50S	84.61	2.66	16.60	21.71	15.72	143.98
XT0551	392049	7281166	287	GDA94_50S	79.45	2.81	17.11	22.82	17.46	136.76
XT0552	392049	7281166	287	GDA94_50S	54.90	1.48	9.29	4.52	15.76	147.55
XT0553	391875	7281180	286	GDA94_50S	4.09	0.06	3.71	1.11	0.42	237.68
XT0554	391869	7281192	286	GDA94_50S	48.87	2.00	9.56	3.72	17.45	174.78
XT0555	392173	7281537	291	GDA94_50S	4.09	0.07	7.15	2.47	0.45	203.36
XT0556	392228	7281531	292	GDA94_50S	5.60	0.13	10.02	4.64	0.6	186.19
XT0557	392248	7281558	293	GDA94_50S	0.00	0.00	0.00	0.00		#DIV/0!
XT0558	392303	7281578	293	GDA94_50S	3.66	0.05	5.47	1.78	0.21	233.26
XT0559	392388	7281597	292	GDA94_50S	38.11	2.74	8.49	30.73	15.66	178.98
XT0560	392474	7281624	290	GDA94_50S	8.18	0.39	10.45	4.14	1.61	202.64
XT0561	392381	7282516	296	GDA94_50S	3.44	0.05	10.50	3.28	0.38	252.59
XT0562	392203	7282002	302	GDA94_50S	11.84	0.16	6.50	5.94	1.34	235.38
XT0563	392245	7281928	299	GDA94_50S	24.33	0.68	5.17	17.10	4.82	222.57
XT0564	392295	7281943	298	GDA94_50S	2.58	0.07	5.19	2.25	0.55	233.68
XT0565	392352	7281949	298	GDA94_50S	23.68	0.55	6.04	6.88	9.34	223.74
XT0566	392352	7281949	298	GDA94_50S	13.56	0.17	5.42	3.75	1.82	239.16
XT0567	392352	7281949	298	GDA94_50S	8.40	0.24	8.11	2.69	1.48	229.58
XT0568	392407	7281969	296	GDA94_50S	5.60	0.13	10.24	3.64	0.77	235.59
XT0569	392434	7281997	293	GDA94_50S	4.31	0.13	7.38	7.24	0.74	233.10
XT0570	392242	7281914	299	GDA94_50S	2.15	0.07	6.61	2.75	0.4	233.72
XT0571	392354	7281870	302	GDA94_50S	88.06	2.86	11.51	9.47	16.38	151.86
XT0572	392319	7281883	303	GDA94_50S	35.52	0.60	7.94	6.58	6.38	210.35
XT0573	392188	7281892	297	GDA94_50S	23.90	1.11	11.28	6.38	7.41	188.32
XT0574	392185	7281904	296	GDA94_50S	19.59	0.21	3.22	11.96	3.23	236.40
XT0575	392118	7281879	294	GDA94_50S	41.34	0.79	7.82	2.78	8.06	222.13
XT0576	392116	7281889	295	GDA94_50S	17.22	0.18	2.97	14.02	2.06	247.72
XT0577	392049	7281860	295	GDA94_50S	22.82	0.62	9.16	3.00	4.01	218.78
XT0578	392049	7281869	295	GDA94_50S	17.65	0.56	8.42	2.61	3.26	224.27
XT0579	392049	7281869	295	GDA94_50S	20.24	0.50	8.73	14.46	2.63	215.25
XT0580	391982	7281825	296	GDA94_50S	40.91	2.83	19.48	13.13	12.96	196.76
XT0581	391914	7281795	296	GDA94_50S	29.50	0.63	8.94	12.74	4	190.27
XT0582	391796	7281744	292	GDA94_50S	41.98	1.83	6.76	12.63	11.94	158.59
XT0583	391796	7281744	292	GDA94_50S	6.03	0.17	8.49	2.91	1.08	176.69
XT0584	391748	7281732	292	GDA94_50S	108.30	5.30	7.43	23.43	34.81	132.59
XT0585	391698	7281725	291	GDA94_50S	7.32	0.22	6.87	3.14	1.18	216.63
XT0586	391698	7281725	291	GDA94_50S	1458.44	17.50	85.20	10.55	170.31	64.58
XT0587	391654	7281698	290	GDA94_50S	75.36	4.13	12.25	8.72	29	165.66
XT0588	391649	7281714	290	GDA94_50S	7.10	0.27	6.35	2.17	1.57	210.16

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Sample ID	Easting m	Northing m	RL m	Grid	Li2O_ppm	Ta2O5_ppm	Cs2O_ppm	BeO	Nb_ppm	K/Rb ratio
XT0589	391617	7281669	290	GDA94_50S	33.80	1.05	8.88	3.30	4.87	211.65
XT0590	391553	7281635	289	GDA94_50S	25.41	0.68	6.77	3.89	5.42	187.02
XT0591	391553	7281635	289	GDA94_50S	8.40	0.17	5.89	2.03	1.36	208.15
XT0592	391464	7281625	289	GDA94_50S	12.27	0.38	10.64	2.41	2.45	184.17
XT0593	391464	7281625	289	GDA94_50S	27.56	0.83	15.18	11.96	3.7	165.03
XT0594	391398	7281647	291	GDA94_50S	41.55	5.45	19.91	11.05	20.45	159.81
XT0595	391321	7281290	290	GDA94_50S	6.67	1.00	21.15	6.83	2.58	174.85
XT0596	391388	7281426	290	GDA94_50S	5.17	0.31	27.92	5.97	0.92	160.53
XT0597	391450	7281423	289	GDA94_50S	4.09	0.13	9.49	2.94	0.44	194.46
XT0598	391496	7281437	289	GDA94_50S	3.88	0.09	11.12	3.39	0.38	197.01
XT0599	391496	7281437	289	GDA94_50S	660.97	55.02	74.07	34.25	363.23	83.82
XT0600	391603	7281506	288	GDA94_50S	4.31	0.29	8.77	3.03	1.32	200.81
XT0601	391658	7281534	289	GDA94_50S	2.80	0.06	5.56	1.69	0.29	214.58
XT0602	391713	7281547	289	GDA94_50S	33.37	4.20	22.12	6.86	22.29	171.37
XT0603	391783	7281570	291	GDA94_50S	5.38	0.46	17.32	4.16	2.64	170.50
XT0604	391838	7281582	292	GDA94_50S	15.72	0.72	14.38	8.05	4.06	187.71
XT0605	391913	7281599	290	GDA94_50S	91.50	11.27	32.63	51.69	48.86	156.31
XT0606	391962	7281605	290	GDA94_50S	36.82	31.98	10.55	56.60	52.73	133.52
XT0607	391967	7281629	291	GDA94_50S	1.94	0.67	4.51	1.89	1	241.61
XT0608	391917	7281650	292	GDA94_50S	6.24	0.34	6.34	8.22	0.78	245.35
XT0609	391872	7281640	294	GDA94_50S	3.44	0.63	6.82	6.19	1.56	232.95
XT0610	391843	7281619	293	GDA94_50S	132.41	3.81	32.53	6.30	37.44	158.39
XT0611	391784	7281624	292	GDA94_50S	4.52	0.18	7.55	2.80	0.79	242.85
XT0612	391746	7281621	291	GDA94_50S	4.09	0.13	6.20	3.69	0.67	247.82
XT0613	391826	7281845	296	GDA94_50S	3.01	0.10	4.34	1.47	0.35	256.74
XT0614	391836	7281866	297	GDA94_50S	3.01	0.16	7.06	2.22	0.34	224.94
XT0615	391837	7281879	297	GDA94_50S	42.84	0.65	10.04	4.05	4.74	202.82
XT0616	391788	7281907	296	GDA94_50S	44.57	4.14	21.60	7.11	9.81	166.92
XT0617	391761	7281880	294	GDA94_50S	3.44	0.05	4.38	1.28	0.19	244.24
XT0618	391716	7281904	294	GDA94_50S	24.76	0.67	6.84	4.14	4.33	224.16
XT0619	391726	7281941	295	GDA94_50S	1113.96	21.42	246.63	17.88	177.03	82.20
XT0620	391726	7281941	295	GDA94_50S	11.63	1.03	23.61	4.64	4.3	184.45
XT0621	391675	7281948	294	GDA94_50S	428.02	6.08	31.32	3.80	84.57	152.10
XT0622	391675	7281948	294	GDA94_50S	9.26	0.18	4.50	1.33	1.88	252.73
XT0623	391680	7281915	293	GDA94_50S	5.81	0.06	4.33	1.33	0.48	248.81
XT0624	391626	7281945	292	GDA94_50S	4.95	0.07	6.45	1.75	0.38	231.72
XT0625	391626	7281945	292	GDA94_50S	100.76	4.47	20.33	12.30	15.03	148.88
XT0626	391566	7281940	291	GDA94_50S	3.44	0.12	7.41	1.72	0.39	238.00
XT0627	391521	7281935	291	GDA94_50S	3.44	0.16	8.40	2.89	0.5	228.34
XT0628	391598	7281870	291	GDA94_50S	12.49	4.60	25.30	7.66	6.92	181.81
XT0629	391530	7281890	291	GDA94_50S	26.48	1.48	48.48	8.74	6.19	151.44
XT0630	391569	7282004	291	GDA94_50S	15.07	0.78	8.02	2.50	3.18	211.41
XT0631	391638	7281991	293	GDA94_50S	3.01	0.07	5.78	1.47	0.28	239.39
XT0632	391629	7282023	293	GDA94_50S	44.57	0.61	0.56	1.97	7.25	401.32
XT0633	391562	7282150	291	GDA94_50S	2.37	0.06	7.12	1.44	0.38	229.57
XT0634	391674	7282215	294	GDA94_50S	5.81	0.18	12.98	2.72	1.15	223.70
XT0635	391726	7282196	296	GDA94_50S	2.58	0.06	6.61	1.92	0.24	206.16
XT0636	391914	7282147	309	GDA94_50S	14.21	3.50	19.09	18.15	8.95	185.20
XT0637	391988	7282156	314	GDA94_50S	3.66	0.12	8.64	4.77	0.64	198.42
XT0638	392013	7282166	315	GDA94_50S	4.09	0.22	11.34	4.58	0.54	229.67
XT0639	392013	7282166	315	GDA94_50S	65.45	11.26	18.63	8.77	28.54	156.25
XT0640	392052	7282190	315	GDA94_50S	15.72	0.78	7.83	3.22	6.35	204.28
XT0641	392078	7282206	312	GDA94_50S	3.66	0.49	19.38	3.39	1.02	200.09
XT0642	392131	7282234	309	GDA94_50S	3.88	0.06	4.76	2.47	0.26	249.35
XT0643	392161	7282237	305	GDA94_50S	3.23	0.04	4.94	1.75	0.16	248.37
XT0644	392161	7282237	305	GDA94_50S	92.79	19.55	25.69	15.77	52.99	123.49
XT0645	392198	7282256	302	GDA94_50S	11.20	0.71	6.58	2.53	4.22	221.10
XT0646	391881	7282112	307	GDA94_50S	2.37	0.93	26.99	3.53	0.96	205.90
XT0647	391714	7282271	297	GDA94_50S	3.88	0.74	9.01	2.72	1.75	239.62
XT0648	391797	7282302	302	GDA94_50S	4.74	0.12	5.39	1.72	0.39	245.44
XT0649	391838	7282312	303	GDA94_50S	6.03	0.06	4.98	2.14	0.19	239.05
XT0650	391838	7282312	303	GDA94_50S	6.46	0.06	5.66	2.39	0.48	244.87
XT0651	391880	7282327	304	GDA94_50S	7.10	0.06	12.54	3.61	0.31	218.73
XT0652	391923	7282340	304	GDA94_50S	4.31	0.02	4.50	2.14	0.15	269.17



Sample ID	Easting m	Northing m	RL m	Grid	Li2O_ppm	Ta2O5_ppm	Cs2O_ppm	BeO	Nb_ppm	K/Rb ratio
XT0653	391975	7282348	304	GDA94_50S	6.03	0.02	3.66	1.72	0.16	250.92
XT0654	392058	7282377	302	GDA94_50S	4.31	0.06	5.87	2.03	0.61	236.24
XT0655	392106	7282398	302	GDA94_50S	2.58	0.04	6.33	1.53	0.18	224.94
XT0656	392145	7282416	301	GDA94_50S	2.37	0.18	6.95	2.05	0.71	225.94
XT0657	392192	7282433	300	GDA94_50S	1.51	0.02	5.11	1.39	0.12	238.89
XT0658	392205	7282438	300	GDA94_50S	813.62	14.09	74.15	8.60	157.4	73.68
XT0659	391814	7282347	302	GDA94_50S	22.18	0.24	8.62	6.00	2.03	245.34
XT0660	392536	7282585	290	GDA94_50S	9.90	0.53	23.40	4.16	3.4	178.97
XT0661	392570	7282576	290	GDA94_50S	9.47	2.83	25.89	6.88	12.6	172.41
XT0662	392591	7282570	290	GDA94_50S	18.95	9.56	36.50	7.00	36.95	159.89
XT0663	392600	7282565	290	GDA94_50S	13.35	1.56	12.34	3.61	6.55	179.06
XT0664	392600	7282565	290	GDA94_50S	1.94	0.11	14.12	1.80	0.54	192.37
XT0665	392650	7282558	290	GDA94_50S	4.52	0.13	9.36	2.58	0.73	187.90
XT0666	392701	7282538	290	GDA94_50S	5.81	0.28	7.85	7.66	0.85	205.33
XT0667	392701	7282538	290	GDA94_50S	14.43	1.92	13.85	4.36	11.38	170.38
XT0668	392736	7282514	290	GDA94_50S	45.86	3.21	21.33	9.97	17.81	155.05
XT0669	392786	7282495	290	GDA94_50S	65.45	1.61	3.44	59.37	8.15	236.04
XT0670	392784	7282488	290	GDA94_50S	37.68	0.62	4.73	13.16	6.16	217.32
XT0671	392741	7282466	290	GDA94_50S	13.35	0.34	8.91	5.19	1.48	223.21
XT0672	392749	7282439	290	GDA94_50S	4.31	0.21	9.29	5.11	0.67	211.35
XT0673	392794	7282468	290	GDA94_50S	15.07	3.38	20.36	7.08	5.48	192.29
XT0674	392833	7282476	290	GDA94_50S	19.59	0.92	7.77	32.62	2.91	232.07
XT0675	392894	7282437	290	GDA94_50S	52.10	2.56	19.15	6.41	19.16	206.05
XT0676	392939	7282420	290	GDA94_50S	50.81	4.65	17.85	24.68	10.34	189.76
XT0677	393028	7282380	289	GDA94_50S	73.20	14.79	11.11	23.01	19.23	221.50
XT0678	392948	7282338	289	GDA94_50S	12.06	0.45	5.88	23.26	1.22	226.69
XT0679	392907	7282343	289	GDA94_50S	27.99	2.36	5.66	23.79	4.93	222.13
XT0680	392855	7282351	289	GDA94_50S	11.63	0.18	8.83	4.33	0.94	249.08
XT0681	392795	7282366	289	GDA94_50S	17.01	0.23	2.96	25.90	0.35	229.71
XT0682	392691	7282482	290	GDA94_50S	11.84	0.63	15.09	5.91	2.21	208.78
XT0683	392652	7282533	290	GDA94_50S	13.78	0.26	5.53	15.41	0.54	222.13
XT0684	392652	7282533	290	GDA94_50S	7.32	0.10	7.55	5.02	0.4	227.82
XT0685	392652	7282533	290	GDA94_50S	17.87	0.15	2.18	27.81	0.55	247.63
XT0686	392762	7282568	290	GDA94_50S	5.17	0.28	6.04	12.24	1.13	226.15
XT0687	391916	7282565	304	GDA94_50S	9.26	0.12	6.44	3.05	0.37	202.35
XT0688	392959	7282552	290	GDA94_50S	37.03	1.84	7.39	23.98	3.96	219.79
XT0689	393140	7282245	288	GDA94_50S	39.18	12.47	8.84	52.80	17.42	340.87
XT0690	393090	7282261	288	GDA94_50S	14.43	0.50	20.73	15.21	0.85	213.25
XT0691	393050	7282276	289	GDA94_50S	9.26	0.60	4.11	9.52	1.63	251.43
XT0692	393103	7282109	290	GDA94_50S	7.54	0.35	9.67	12.02	0.7	241.33
XT0693	393060	7282130	290	GDA94_50S	12.27	0.34	9.93	19.71	0.94	244.01
XT0694	392999	7282162	290	GDA94_50S	5.60	0.35	7.14	3.16	0.73	242.99
XT0695	392920	7282241	289	GDA94_50S	9.69	0.51	4.80	58.13	0.94	236.58
XT0696	392612	7281814	287	GDA94_50S	23.68	3.74	13.34	7.66	10.86	186.04
XT0697	392598	7281770	287	GDA94_50S	5.60	0.21	21.68	8.52	0.4	177.30
XT0698	392530	7281762	290	GDA94_50S	5.81	1.67	17.82	4.83	4.63	213.12
XT0699	392470	7281759	293	GDA94_50S	5.81	0.33	10.71	4.52	0.74	220.98
XT0700	392364	7281730	300	GDA94_50S	5.38	0.23	5.99	9.83	0.85	230.37
XT0701	392320	7281718	300	GDA94_50S	4.31	0.06	8.05	2.64	0.15	198.94
XT0702	392296	7281717	300	GDA94_50S	1545.21	21.75	404.19	15.79	193.43	59.65
XT0703	392296	7281717	300	GDA94_50S	12.06	0.22	13.36	2.89	1.17	198.28
XT0704	392285	7281727	302	GDA94_50S	57.70	4.47	20.27	6.33	19.48	185.59

ASX Announcement

15 November 2023



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Table 2: Lockier Range soil sample results > 100ppm Li₂O

Sample ID	Easting m	Northing m	RL m	Grid	Li ₂ O_ppm	BeO_ppm	Cs ₂ O_ppm	Ta ₂ O ₅
X102560	386401	7289405	292	GDA94_50S	247.60	1.72	1.21	1.93
X102562	386203	7289403	291	GDA94_50S	247.60	3.44	1.17	1.71
X103021	385599	7291001	287	GDA94_50S	243.29	3.72	1.31	2.05
X101327	399102	7288004	299	GDA94_50S	211.86	9.80	13.84	1.81
X101258	398604	7288998	304	GDA94_50S	204.32	5.80	9.79	2.00
X102908	386500	7290599	290	GDA94_50S	199.37	4.58	0.63	2.22
X101545	399903	7287003	295	GDA94_50S	194.63	7.83	19.98	2.31
X102634	385599	7288403	293	GDA94_50S	189.25	4.50	1.15	1.55
X101262	398304	7288802	295	GDA94_50S	185.59	7.47	12.56	1.67
X102405	387697	7287802	297	GDA94_50S	180.42	5.58	0.93	2.15
X102910	386701	7290601	291	GDA94_50S	176.76	7.94	1.44	2.00
X101410	400101	7287501	299	GDA94_50S	173.32	5.83	14.95	2.56
X101321	399601	7288004	301	GDA94_50S	171.59	10.05	18.71	3.30
X101507	399200	7287404	298	GDA94_50S	171.59	7.77	16.01	2.43
X101530	399301	7287200	296	GDA94_50S	170.73	7.94	15.00	2.27
X101961	400700	7283801	280	GDA94_50S	167.50	9.22	14.15	1.51
X101324	399301	7287999	299	GDA94_50S	167.29	7.72	13.78	2.01
X101556	400598	7284101	280	GDA94_50S	166.64	8.22	10.22	1.72
X102567	385701	7289401	289	GDA94_50S	164.92	2.22	0.50	1.48
X101328	399002	7288004	297	GDA94_50S	164.27	7.80	8.76	1.61
X102936	388104	7291199	297	GDA94_50S	163.63	13.19	8.39	1.76
X101528	399101	7287201	296	GDA94_50S	163.41	9.44	16.91	2.65
X101896	388490	7291399	296	GDA94_50S	163.20	16.68	6.26	1.55
X101506	399301	7287401	299	GDA94_50S	161.91	9.08	12.88	2.12
X101371	400005	7287602	301	GDA94_50S	161.26	8.30	15.11	2.11
X101404	400003	7287703	302	GDA94_50S	161.26	6.33	11.61	2.55
X101323	399400	7287999	300	GDA94_50S	156.74	9.63	19.19	1.82
X101420	399100	7287501	299	GDA94_50S	155.23	8.74	15.58	2.26
X101390	399202	7287600	300	GDA94_50S	153.08	8.41	14.26	3.06
X101372	399903	7287602	302	GDA94_50S	152.00	6.66	9.62	2.03
X102058	388203	7286201	308	GDA94_50S	151.79	5.50	2.47	2.03
X101297	398803	7288206	295	GDA94_50S	151.57	8.30	11.98	1.92
X101322	399501	7288000	301	GDA94_50S	150.71	10.80	16.27	2.20
X101263	398204	7288802	295	GDA94_50S	149.42	7.86	11.08	1.61
X101654	400303	7287100	294	GDA94_50S	149.42	4.80	13.09	2.64
X102585	386304	7289801	291	GDA94_50S	147.91	3.03	0.99	1.78
X102698	385303	7288802	291	GDA94_50S	147.70	6.91	2.17	1.78
X101215	399202	7287905	297	GDA94_50S	147.48	12.35	14.21	2.26
X101509	399002	7287401	297	GDA94_50S	146.83	11.08	25.34	2.38
X101152	398304	7288702	296	GDA94_50S	146.62	8.52	11.24	1.88
X101272	398201	7288601	294	GDA94_50S	145.11	7.72	11.93	1.92
X101276	398502	7288598	296	GDA94_50S	143.61	9.99	13.36	2.31
X101326	399204	7288001	300	GDA94_50S	143.61	8.41	15.53	2.15
X102499	385405	7288598	291	GDA94_50S	143.39	4.75	1.65	1.58
X101393	399500	7287602	302	GDA94_50S	142.53	6.41	10.07	2.12
X101963	400904	7283802	279	GDA94_50S	142.31	7.69	11.61	1.71
X102379	386902	7287401	295	GDA94_50S	141.88	11.80	4.79	1.37
X101836	400201	7283601	281	GDA94_50S	141.67	9.16	10.15	1.62
X101538	400100	7287204	300	GDA94_50S	141.45	8.41	18.87	2.14
X102498	385500	7288601	292	GDA94_50S	141.02	2.69	0.71	1.39
X101280	398401	7288403	293	GDA94_50S	140.81	7.36	11.40	1.65
X101363	399901	7287797	303	GDA94_50S	139.08	7.69	14.47	2.97
X103146	387004	7289226	294	GDA94_50S	138.65	10.71	2.82	2.08
X101309	399899	7288200	302	GDA94_50S	138.01	8.91	15.69	2.17
X101201	400103	7288099	298	GDA94_50S	137.58	6.83	12.62	1.98
X101712	400501	7283498	280	GDA94_50S	137.36	7.00	7.32	1.34
X101444	399501	7287299	301	GDA94_50S	136.72	6.58	10.57	1.86
X101355	399101	7287798	297	GDA94_50S	136.50	7.83	10.81	2.10
X101745	400402	7283403	281	GDA94_50S	135.85	7.74	11.56	1.36
X101706	400398	7283700	281	GDA94_50S	135.42	8.85	9.01	1.38
X101210	399701	7287901	302	GDA94_50S	135.21	6.36	9.90	1.78



Sample ID	Easting m	Northing m	RL m	Grid	Li2O_ppm	BeO_ppm	Cs2O_ppm	Ta2O5
X101746	400302	7283404	283	GDA94_50S	135.21	8.05	11.82	1.62
X102021	385402	7285798	299	GDA94_50S	134.99	4.69	3.58	1.61
X102247	386202	7287202	296	GDA94_50S	134.56	3.97	0.92	6.06
X102273	386602	7287601	296	GDA94_50S	133.92	2.72	0.75	0.95
X101151	398404	7288701	297	GDA94_50S	133.70	7.63	8.99	2.01
X101191	399198	7288101	302	GDA94_50S	133.27	9.33	16.91	2.31
X101968	401401	7283803	277	GDA94_50S	133.27	6.97	7.72	1.40
X101449	400001	7287297	301	GDA94_50S	133.06	7.61	8.94	1.86
X101705	400501	7283702	281	GDA94_50S	133.06	8.52	9.68	1.42
X102569	385503	7289401	291	GDA94_50S	133.06	5.08	0.84	2.04
X101531	399401	7287197	298	GDA94_50S	132.62	8.52	13.15	1.82
X101317	400002	7288004	300	GDA94_50S	131.98	8.85	13.52	2.03
X101439	399000	7287297	297	GDA94_50S	131.33	8.72	9.09	1.78
X101554	400801	7284100	280	GDA94_50S	131.12	6.41	9.85	1.76
X101898	388301	7291400	296	GDA94_50S	130.69	12.44	8.43	1.95
X101813	400501	7283199	284	GDA94_50S	129.83	9.02	8.55	1.37
X101443	399403	7287306	299	GDA94_50S	129.61	9.52	13.04	2.06
X101655	400207	7287106	296	GDA94_50S	128.96	7.22	15.16	2.50
X101812	400599	7283201	282	GDA94_50S	128.75	10.33	8.96	1.26
X101885	387497	7291600	295	GDA94_50S	128.53	11.02	4.43	1.29
X101249	399602	7287698	302	GDA94_50S	127.46	9.80	6.74	1.55
X101598	401102	7283701	277	GDA94_50S	126.81	7.91	9.52	1.61
X102150	388299	7285997	309	GDA94_50S	126.81	3.80	1.52	2.70
X101862	385300	7291602	288	GDA94_50S	126.17	2.41	1.06	2.08
X102707	385802	7289202	290	GDA94_50S	125.95	2.58	1.15	1.88
X101299	399000	7288203	299	GDA94_50S	125.74	5.50	8.75	2.03
X103139	386827	7289225	294	GDA94_50S	125.74	4.66	7.58	1.58
X101244	399099	7287703	297	GDA94_50S	125.52	6.13	9.52	2.14
X101811	400702	7283201	280	GDA94_50S	125.30	7.99	7.36	1.36
X101633	401302	7284301	280	GDA94_50S	124.87	6.25	9.38	1.49
X101636	401600	7284302	278	GDA94_50S	124.44	5.77	10.27	1.39
X101943	400500	7284003	281	GDA94_50S	124.23	8.24	10.57	1.66
X101302	399199	7288204	302	GDA94_50S	123.58	6.88	7.63	1.70
X102461	388001	7288202	299	GDA94_50S	123.58	2.72	1.27	1.88
X101211	399600	7287901	301	GDA94_50S	123.37	7.61	11.66	1.98
X101277	398598	7288601	296	GDA94_50S	123.37	7.22	11.29	2.09
X101618	400103	7286600	297	GDA94_50S	123.37	7.36	12.14	2.69
X102199	386402	7286801	298	GDA94_50S	123.15	22.37	4.22	1.49
X101206	400102	7287900	297	GDA94_50S	122.72	8.52	11.19	2.17
X101198	399899	7288100	301	GDA94_50S	122.51	8.94	13.31	1.98
X101192	399299	7288102	301	GDA94_50S	122.29	6.88	7.64	1.83
X102762	385801	7289601	291	GDA94_50S	122.29	2.30	0.58	2.17
X101318	399903	7287999	302	GDA94_50S	121.86	7.72	16.33	2.49
X101392	399400	7287601	301	GDA94_50S	121.21	8.80	11.50	2.32
X102576	385401	7289802	292	GDA94_50S	121.21	3.66	2.15	1.54
X101529	399200	7287203	295	GDA94_50S	120.57	6.61	9.02	2.19
X101264	398101	7288802	294	GDA94_50S	120.35	7.80	10.87	1.88
X101684	399801	7286698	302	GDA94_50S	120.14	8.44	11.29	3.37
X101605	398999	7287001	294	GDA94_50S	119.92	9.74	6.14	2.00
X102578	385601	7289801	292	GDA94_50S	119.92	2.55	1.74	1.98
X101483	400302	7284502	281	GDA94_50S	119.71	6.69	10.87	2.26
X101886	387600	7291603	295	GDA94_50S	119.71	12.60	3.75	1.18
X101504	399500	7287402	302	GDA94_50S	118.85	7.77	10.87	2.56
X103123	386773	7289252	294	GDA94_50S	118.85	4.27	8.08	1.99
X101547	399703	7287003	298	GDA94_50S	118.42	10.33	12.30	2.89
X102240	386901	7287201	296	GDA94_50S	118.20	4.36	5.31	1.45
X102518	386702	7289001	294	GDA94_50S	117.98	6.77	3.11	1.62
X101604	399099	7287005	295	GDA94_50S	117.77	6.52	7.94	1.95
X101311	400100	7288203	300	GDA94_50S	117.34	7.41	14.26	2.75
X101546	399804	7287001	297	GDA94_50S	117.34	8.91	16.38	2.59
X101678	400290	7286898	293	GDA94_50S	117.34	7.24	10.81	2.48
X101713	400605	7283503	280	GDA94_50S	117.34	7.86	9.34	1.47
X101635	401503	7284303	279	GDA94_50S	116.91	5.41	10.16	1.39
X101819	400400	7283102	287	GDA94_50S	116.91	9.83	8.16	1.42



Sample ID	Easting m	Northing m	RL m	Grid	Li2O_ppm	BeO_ppm	Cs2O_ppm	Ta2O5
X101526	398903	7287197	294	GDA94_50S	116.69	6.05	9.67	1.99
X101515	398299	7287403	290	GDA94_50S	116.48	7.52	7.45	1.47
X101145	398403	7288898	295	GDA94_50S	116.26	7.00	12.03	2.97
X102156	388303	7286400	310	GDA94_50S	116.26	4.41	1.66	2.16
X102957	386800	7290803	292	GDA94_50S	116.05	10.91	12.56	1.34
X101637	401702	7284300	278	GDA94_50S	115.62	5.02	11.08	1.54
X101163	398302	7288501	294	GDA94_50S	114.54	7.00	17.76	2.75
X101385	398702	7287604	297	GDA94_50S	114.54	8.02	9.45	2.97
X101273	398300	7288602	295	GDA94_50S	114.11	6.58	10.50	1.90
X101796	400402	7284401	280	GDA94_50S	114.11	7.30	11.93	1.59
X102977	387301	7291201	293	GDA94_50S	114.11	6.41	3.23	2.31
X101711	400401	7283503	281	GDA94_50S	113.89	7.77	12.30	2.08
X101216	399103	7287904	297	GDA94_50S	113.68	7.99	9.30	2.61
X101702	400803	7283702	279	GDA94_50S	113.68	6.61	11.93	1.59
X101147	398602	7288899	302	GDA94_50S	113.03	14.52	10.25	2.32
X101688	400099	7286504	302	GDA94_50S	113.03	5.27	9.34	2.20
X101508	399100	7287400	298	GDA94_50S	112.82	9.52	12.46	2.92
X102568	385604	7289404	290	GDA94_50S	112.82	4.75	0.75	0.90
X101364	400000	7287800	301	GDA94_50S	112.60	8.58	10.76	2.76
X102237	387202	7287201	298	GDA94_50S	112.60	9.38	6.05	1.69
X101478	400800	7284501	281	GDA94_50S	112.17	6.11	7.38	1.26
X101704	400606	7283701	280	GDA94_50S	112.17	6.38	11.77	1.62
X101357	399299	7287800	298	GDA94_50S	111.74	10.60	11.24	2.10
X101424	398697	7287501	296	GDA94_50S	111.74	6.91	6.81	2.20
X101484	400202	7284502	281	GDA94_50S	111.74	6.63	9.61	1.49
X101481	400502	7284501	281	GDA94_50S	110.66	5.80	8.91	1.64
X101549	399502	7287003	298	GDA94_50S	110.66	8.24	9.83	2.10
X101574	400700	7283902	280	GDA94_50S	110.66	6.41	9.35	2.44
X101165	398502	7288500	294	GDA94_50S	110.45	7.27	8.62	1.77
X101399	399902	7287402	302	GDA94_50S	110.45	9.19	8.42	2.69
X101908	400200	7284205	281	GDA94_50S	110.45	8.11	9.23	1.50
X101619	400002	7286601	303	GDA94_50S	110.02	5.80	8.94	2.48
X101807	401000	7283299	278	GDA94_50S	110.02	8.33	8.78	1.47
X102248	386108	7287202	296	GDA94_50S	110.02	4.94	0.65	1.83
X101606	398905	7287002	293	GDA94_50S	109.80	6.55	6.97	1.69
X101143	398197	7288899	294	GDA94_50S	109.59	6.77	7.81	1.55
X101301	399098	7288199	301	GDA94_50S	109.59	7.22	7.42	1.82
X101441	399197	7287302	296	GDA94_50S	109.37	7.58	12.99	2.30
X101776	401701	7284604	282	GDA94_50S	109.16	6.41	23.11	1.40
X102242	386702	7287202	296	GDA94_50S	108.94	4.83	1.38	2.17
X101343	398001	7287802	290	GDA94_50S	108.30	7.52	7.89	1.56
X101154	398102	7288699	293	GDA94_50S	108.08	6.27	7.45	1.73
X101169	398403	7288302	292	GDA94_50S	107.87	7.30	7.70	1.48
X101199	400000	7288102	300	GDA94_50S	107.87	7.36	13.36	2.33
X101294	398502	7288198	293	GDA94_50S	107.87	6.69	7.76	1.80
X101383	398505	7287601	294	GDA94_50S	107.87	6.66	8.98	2.00
X101537	399998	7287200	300	GDA94_50S	107.87	10.69	10.81	2.76
X101709	400201	7283503	282	GDA94_50S	107.87	7.58	9.00	1.90
X101634	401401	7284301	279	GDA94_50S	107.65	5.33	7.91	1.34
X101649	401203	7284101	278	GDA94_50S	107.65	6.91	9.86	1.83
X101748	400199	7283302	283	GDA94_50S	107.65	6.52	5.99	1.34
X101356	399204	7287801	297	GDA94_50S	107.22	8.24	8.11	2.83
X102374	386502	7287405	296	GDA94_50S	107.22	7.47	0.33	1.32
X101307	399702	7288200	304	GDA94_50S	107.00	6.27	8.93	1.72
X101548	399605	7286998	298	GDA94_50S	106.79	15.63	20.89	2.61
X101810	400801	7283202	279	GDA94_50S	106.79	8.02	7.06	1.18
X101816	400200	7283202	284	GDA94_50S	106.57	8.05	6.85	1.20
X101153	398201	7288700	294	GDA94_50S	106.14	7.91	9.19	1.99
X101680	400202	7286703	291	GDA94_50S	106.14	6.83	9.84	1.98
X101411	400000	7287501	301	GDA94_50S	105.93	5.75	9.75	2.49
X101417	399400	7287499	302	GDA94_50S	105.71	7.86	12.67	2.32
X101487	399897	7284502	282	GDA94_50S	105.50	6.88	11.29	1.93
X101915	400901	7284204	280	GDA94_50S	105.50	6.30	10.49	1.99
X101540	400300	7287200	295	GDA94_50S	105.28	6.27	7.11	1.77



Sample ID	Easting m	Northing m	RL m	Grid	Li2O_ppm	BeO_ppm	Cs2O_ppm	Ta2O5
X101352	398799	7287802	297	GDA94_50S	104.85	6.69	5.17	1.51
X101361	399701	7287801	303	GDA94_50S	104.85	7.77	9.48	2.04
X101432	398002	7287503	289	GDA94_50S	104.85	7.02	7.64	1.42
X101438	398900	7287298	295	GDA94_50S	104.85	9.49	6.80	2.10
X101737	401200	7283403	277	GDA94_50S	104.64	6.75	7.92	1.81
X101403	399898	7287702	303	GDA94_50S	104.42	7.49	12.67	2.11
X101521	398901	7287404	295	GDA94_50S	104.42	6.33	6.93	1.70
X101839	400501	7283602	281	GDA94_50S	104.42	7.22	13.62	1.94
X101335	398300	7288003	291	GDA94_50S	104.21	7.13	7.07	1.70
X101505	399399	7287402	301	GDA94_50S	104.21	8.11	10.09	1.99
X101512	398003	7287402	289	GDA94_50S	104.21	7.38	7.57	1.44
X101962	400800	7283803	279	GDA94_50S	104.21	9.94	10.06	1.88
X101422	398902	7287501	296	GDA94_50S	103.99	7.69	8.92	2.33
X101823	400803	7283102	279	GDA94_50S	103.99	6.66	5.71	1.31
X101837	400301	7283602	281	GDA94_50S	103.99	6.88	8.20	1.54
X102054	388498	7285802	312	GDA94_50S	103.77	8.52	5.86	1.55
X101560	400199	7284100	281	GDA94_50S	103.56	6.05	9.99	2.11
X101751	401802	7284801	283	GDA94_50S	103.56	9.47	20.89	1.51
X101149	398503	7288703	297	GDA94_50S	103.34	5.05	7.80	1.89
X101205	400203	7287899	294	GDA94_50S	103.13	8.44	14.37	2.32
X101329	398903	7288001	295	GDA94_50S	103.13	7.80	8.13	1.64
X101351	398705	7287802	296	GDA94_50S	103.13	6.55	5.09	1.65
X101445	399598	7287298	304	GDA94_50S	103.13	8.33	9.02	2.58
X101246	399304	7287703	299	GDA94_50S	102.91	9.16	15.37	1.86
X101337	398100	7288004	291	GDA94_50S	102.91	6.97	8.14	1.56
X101248	399498	7287702	301	GDA94_50S	102.70	6.27	8.36	1.80
X101320	399703	7288004	302	GDA94_50S	102.70	11.91	11.87	2.33
X101373	399802	7287603	304	GDA94_50S	102.70	7.52	9.05	2.20
X101461	401703	7284703	284	GDA94_50S	102.70	5.00	2.59	1.95
X101527	399004	7287199	296	GDA94_50S	102.48	6.22	9.48	1.80
X101402	399802	7287700	305	GDA94_50S	102.27	6.55	7.87	2.03
X101532	399501	7287200	300	GDA94_50S	102.27	6.86	8.99	1.98
X101330	398801	7288002	294	GDA94_50S	102.05	8.72	8.39	1.97
X102522	387104	7289000	294	GDA94_50S	102.05	4.16	1.45	1.15
X103137	386776	7289225	294	GDA94_50S	102.05	4.58	12.46	1.20
X101310	400000	7288202	301	GDA94_50S	101.84	8.30	17.65	2.43
X101543	400103	7287000	294	GDA94_50S	101.84	7.22	13.52	3.19
X101234	398101	7287703	290	GDA94_50S	101.62	3.78	7.39	0.84
X101473	401200	7284500	283	GDA94_50S	101.62	5.77	7.22	1.73
X101533	399601	7287201	302	GDA94_50S	101.62	7.30	6.39	1.67
X101620	399901	7286601	305	GDA94_50S	101.62	7.02	9.36	1.97
X101749	400301	7283300	284	GDA94_50S	101.62	7.97	8.73	1.51
X101828	400899	7283001	278	GDA94_50S	101.62	8.94	6.67	1.51
X102107	385902	7285401	300	GDA94_50S	101.62	5.39	2.44	1.47
X101148	398604	7288704	298	GDA94_50S	101.41	6.66	10.05	2.12
X101189	398999	7288100	298	GDA94_50S	101.41	7.44	9.86	2.11
X101274	398401	7288603	296	GDA94_50S	101.41	6.75	9.58	1.99
X102380	387002	7287402	296	GDA94_50S	101.41	9.52	5.07	1.56
X101193	399398	7288102	301	GDA94_50S	101.19	7.30	9.84	2.27
X101665	399201	7287100	296	GDA94_50S	101.19	4.89	7.58	2.00
X101358	399401	7287800	300	GDA94_50S	100.98	8.22	10.06	1.81
X101591	401799	7283703	275	GDA94_50S	100.98	6.08	7.02	1.66
X101985	386703	7291401	291	GDA94_50S	100.98	14.41	5.63	1.88
X101194	399499	7288099	302	GDA94_50S	100.76	7.77	9.12	2.91
X101494	400301	7284300	280	GDA94_50S	100.76	6.61	8.47	1.64
X101572	400503	7283904	281	GDA94_50S	100.76	7.63	11.24	2.00
X101541	400302	7287001	294	GDA94_50S	100.33	6.91	10.54	2.45
X101787	401302	7284399	281	GDA94_50S	100.33	5.19	9.36	1.28
X101743	400601	7283403	280	GDA94_50S	100.11	7.08	9.98	1.28

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1.1 Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> Nature and quality of sampling (e.g., cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g., 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g., submarine nodules) may warrant disclosure of detailed information. 	<ul style="list-style-type: none"> Soil sampling was conducted using a -2mm mesh to collect a 100g sample that was placed into a pre-numbered paper packet. Soil samples were collected at a 100 x 100 m grid spacing in September 2023, infilling the 500 x 500 m grid spacing from March 2023 sampling. OREAS Certified Reference Material (CRM) was inserted at a ratio of 1:50 in the sampling sequence. Duplicate soil samples were collected at a ratio of 1:50 in the sampling sequence, alternating with CRMs. Duplicate samples were obtained from a hole dug 1m from the original sample location. All soil samples were collected from homogenised soil 15 cm below the natural surface, dug by hand tools. Areas of transported cover or human-disturbed ground were not sampled, ensuring in situ soil was sampled. All soil samples were submitted to ALS Perth for ME-MS61L analysis. Rock chipping was not undertaken on a grid, instead being completed at the geologist's discretion and whether outcrop was present. For pegmatites, both whole-rock and individual mineral samples were collected as separate samples. For all other rock types, whole rock samples were taken. Samples were placed in pre-numbered calico bags. Rock chip samples were taken both across the strike-length and width of pegmatites to ensure representivity by experienced geologists. All rock chips were submitted to Intertek, Perth for 4A/MS48R analysis. Handheld XRF instruments (Bruker) were utilised on site for mineral identification aid at the geologist's discretion. Prior to use, and at regular intervals throughout each day, the handheld XRF instrument was calibrated, and a CRM analysed to ensure the instrument window was not contaminated with dust and the instrument was analysing correctly. Handheld XRF data was used as an aid only, Lithium and most rare-earth elements cannot be analysed with the instrument in use.
Drilling techniques	<ul style="list-style-type: none"> Drill type (e.g., core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g., core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc). 	<ul style="list-style-type: none"> Not applicable: No drilling reported in this release.

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Criteria	JORC Code explanation	Commentary
<i>Drill sample recovery</i>	<ul style="list-style-type: none"> • <i>Method of recording and assessing core and chip sample recoveries and results assessed.</i> • <i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i> • <i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i> 	<ul style="list-style-type: none"> • Not applicable: No drilling reported in this release.
<i>Logging</i>	<ul style="list-style-type: none"> • <i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i> • <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i> • <i>The total length and percentage of the relevant intersections logged.</i> 	<ul style="list-style-type: none"> • Not applicable: No drilling reported in this release.

Criteria	JORC Code explanation	Commentary															
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled. 	<ul style="list-style-type: none"> No drilling reported in this release. -2mm sample fraction is deemed suitable for ME analysis at ALS, Perth. CRM and Duplicate material were included in the sample sequence. Soil samples were taken 15 cm below the natural surface and avoided transported and human-disturbed ground. The soil and rock chip samples are deemed representative of in situ material. 															
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (e.g., standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e., lack of bias) and precision have been established. 	<ul style="list-style-type: none"> CRM and duplicate material was inserted in the sample sequence. Handheld XRF instruments (Bruker) were utilised on site for mineral identification aid at the geologist's discretion. Prior to use, and at regular intervals throughout each day, the handheld XRF instrument was calibrated, and a CRM analysed to ensure the instrument window was not contaminated with dust and the instrument was analysing correctly. Handheld XRF data was used as an aid only, Lithium and most rare-earth elements cannot be analysed with the instrument in use. 															
Verification of sampling and assaying	<ul style="list-style-type: none"> The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	<ul style="list-style-type: none"> Duplicate sample sites at a ratio of 1:50 for soil sampling was conducted to determine sample representivity and repeatability. Duplicate samples were taken from a hole 1m away from the original sample. All sample and mapping location data was collected using GARMIN GPSMAP 64 and recorded in hardcopy. Digital data was downloaded daily and validated. Data is exported to GeoBase and imported into the database. GeoBase carry out external validation on data. Rare-metal oxide is the industry accepted form of reporting rare metal assay results. Where necessary, rock chip assay results were converted to stoichiometric oxide using element-to-oxide stoichiometric conversion factors in the table below: <table border="1"> <thead> <tr> <th>Element</th> <th>Conversion Factor</th> <th>Oxide</th> </tr> </thead> <tbody> <tr> <td>Cs</td> <td>1.0602</td> <td>Cs₂O</td> </tr> <tr> <td>Li</td> <td>2.1527</td> <td>Li₂O</td> </tr> <tr> <td>Ta</td> <td>1.2211</td> <td>Ta₂O₅</td> </tr> <tr> <td>Be</td> <td>2.7758</td> <td>BeO</td> </tr> </tbody> </table>	Element	Conversion Factor	Oxide	Cs	1.0602	Cs ₂ O	Li	2.1527	Li ₂ O	Ta	1.2211	Ta ₂ O ₅	Be	2.7758	BeO
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Criteria	JORC Code explanation	Commentary
Location of data points	<ul style="list-style-type: none"> • Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. • Specification of the grid system used. • Quality and adequacy of topographic control. 	<ul style="list-style-type: none"> • Sample and mapping locations were collected using a handheld GARMIN GPSMAP 64 and also recorded in hardcopy with an expected accuracy of +/-3m. • Coordinate grid system is MGA94 Zone 50S.
Data spacing and distribution	<ul style="list-style-type: none"> • Data spacing for reporting of Exploration Results. • Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. • Whether sample compositing has been applied. 	<ul style="list-style-type: none"> • Soil samples were collected at 100m intervals both in N-S and E-W orientations on a 100m grid-spacing. • Rock chip samples were collected at each outcrop as deemed necessary by the geologist. No nominal sample spacing was used for rock chipping. • No compositing has been conducted.
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> • Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. • If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	<ul style="list-style-type: none"> • Not applicable: No new drilling reported in this release
Sample security	<ul style="list-style-type: none"> • The measures taken to ensure sample security. 	<ul style="list-style-type: none"> • Soil samples were collected in pre-numbered paper packets and stored in cardboard boxes labelled with sample IDs, Company name and Sample Submission ID. • Rock chip samples were collected in pre-numbered calico bags and stored in bulky-bags labelled with Sample IDs, Company name and Sample Submission ID. • Samples were taken directly to the laboratory by Odessa Minerals staff. • Both hard and digital submission copies were sent to the laboratory.
Audits or reviews	<ul style="list-style-type: none"> • The results of any audits or reviews of sampling techniques and data 	<ul style="list-style-type: none"> • Not applicable: No new drilling reported in this release

1.2 Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
<i>Mineral tenement and land tenure status</i>	<ul style="list-style-type: none"> • <i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i> • <i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</i> 	<p>Lockier Range</p> <ul style="list-style-type: none"> • EL09/2649 is an exploration license application in the name of OD4 Noonie Pty Ltd. • Odessa Minerals owns a 100% interest in OD4 Noonie. There is a 1% royalty payable to the original vendor of OD4 Noonie on future production. <p>Gascoyne East</p> <ul style="list-style-type: none"> • E52/4182, 4183, 4184, 4186, 4187, 4198 are under the name of Odessa Lyndon Pty Ltd, a 100% owned subsidiary of Odessa Minerals. Odessa holds 85% interest in the projects. • 15% interest in the projects is held by Odette One Pty Ltd, a private company. Odette One Pty Ltd is free carried until decision to mine, and if it elects not to contribute at decision to mine stage, it dilutes to an uncapped 1.5% Net Return Royalty.
<i>Exploration done by other parties</i>	<ul style="list-style-type: none"> • <i>Acknowledgment and appraisal of exploration by other parties.</i> 	<p>Lockier Range</p> <p>Previous geochemistry sampling is historic and compiled from third party reports as noted; and as previously reported in company release dated 25 October 2022. Refer previous reports namely WAMEX A99061 (IGO 2013) Stream Sediments; WAMEX A99061 (IGO 2013) Soil Samples; VENUS METALS PRESS RELEASE (28 Jan 2021) and A128133 (2021) Stream Sediments; WAMEX A117396 (ARROW MINERALS 2018) Stream Sediments.</p> <p>Gascoyne East</p> <p>There is minimal previous exploration work on the Gascoyne East Project area.</p>
<i>Geology</i>	<ul style="list-style-type: none"> • <i>Deposit type, geological setting and style of mineralisation.</i> 	<p>Lockier Range</p> <ul style="list-style-type: none"> • The project area is underlain by Proterozoic rocks of the Gascoyne province of Western Australia. Rock types included Durlacher Super Suite Granitoids, Moorarie Supersuite, Moogie Metamorphics (meta sediments) and Thirty-Three Supersuite leucogranites. Based on rock type, radiometrics and geochemical anomalism the tenement area is prospective for carbonatite hosted rare earth elements comparable in style to the Yangibana Deposit located to the north in a similar geological setting. • Based on the presence of Thirty-Three super suite granitoids intruding

Durlacher Supersuite, the project area is prospective for lithium bearing pegmatites analogous to the nearby Yinnetharra Pegmatite field.

Gascoyne East

The project area is 90% covered by alluvial sediments/transported cover. The interpreted bedrock geology consists of Gascoyne and Glenburgh terrane metamorphosed intrusions and meta-sediments. The Edmund Basin sediments on-lap on the northern part of the project area. The area is considered prospective for REE carbonatite, base-metal deposits, lithium pegmatites and graphite associated with the basal sequences of the Edmund Basin sediments.

Criteria	JORC Code explanation	Commentary															
Drill hole Information	<ul style="list-style-type: none"> A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul style="list-style-type: none"> easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	<ul style="list-style-type: none"> Not applicable: No new drilling reported in this release 															
Data aggregation methods	<ul style="list-style-type: none"> In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g., cutting of high grades) and cut-off grades are usually Material and should be stated. Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. The assumptions used for any reporting of metal equivalent values should be clearly stated. 	<ul style="list-style-type: none"> Rare-metal oxide is the industry accepted form of reporting rare metal assay results. Where necessary, rock chip assay results were converted to stoichiometric oxide using element-to-oxide stoichiometric conversion factors in the table below: <table border="1"> <thead> <tr> <th>Element</th> <th>Conversion Factor</th> <th>Oxide</th> </tr> </thead> <tbody> <tr> <td>Cs</td> <td>1.0602</td> <td>Cs₂O</td> </tr> <tr> <td>Li</td> <td>2.1527</td> <td>Li₂O</td> </tr> <tr> <td>Ta</td> <td>1.2211</td> <td>Ta₂O₅</td> </tr> <tr> <td>Be</td> <td>2.7758</td> <td>BeO</td> </tr> </tbody> </table>	Element	Conversion Factor	Oxide	Cs	1.0602	Cs ₂ O	Li	2.1527	Li ₂ O	Ta	1.2211	Ta ₂ O ₅	Be	2.7758	BeO
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Relationship between	<ul style="list-style-type: none"> These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle 	<ul style="list-style-type: none"> Not applicable: No new drilling reported in this release 															

Criteria	JORC Code explanation	Commentary
<i>Mineralisation widths and intercept lengths</i>	<p><i>is known, its nature should be reported.</i></p> <ul style="list-style-type: none"> <i>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g., ‘down hole length, true width not known’).</i> 	
<i>Diagrams</i>	<ul style="list-style-type: none"> <i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i> 	<ul style="list-style-type: none"> Maps included in the body of this release.
<i>Balanced reporting</i>	<ul style="list-style-type: none"> <i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i> 	<ul style="list-style-type: none"> Table of results included in Appendix A
<i>Other substantive exploration data</i>	<ul style="list-style-type: none"> <i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i> 	<ul style="list-style-type: none"> All geochemistry data is reported in previous releases. Pre-Odessa Minerals sampling is historic and compiled from third party reports as noted; and as previously reported in company release dated 25 October 2022. Geological mapping has been conducted by experienced geologists. Mapping is conducted systematically across the strike of geological features. Geological observations are noted both digitally and in hardcopy, including lithology, mineralogy, structural measurements, weathering, colour, geological contacts. Handheld XRF readings are utilized to aid geological interpretation. All geological observations by field geologists are validated by senior geological staff. Structural measurements are obtained using a compass-clinometer. Measurements are obtained using GPS-tracking and via physical tape-measuring.
<i>Further work</i>	<ul style="list-style-type: none"> <i>The nature and scale of planned further work (e.g., tests for lateral extensions or depth extensions or large-scale step-out drilling).</i> <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i> 	<ul style="list-style-type: none"> As per the body of the release, the Company is initiating Native Title Heritage Surveying to clear targets for reconnaissance drill testing. Geophysical surveys are planned across the Gascoyne East Project.