

## **Bullfinch North – Pegmatite-Hosted Lithium Exploration Advances**

- **~7.5km strike of pegmatites identified by prospecting and mapping.**
- **Clustered, elevated Lithium soil values identified around historical Bingin and Radio gold mines.**
- **Significant Li pathfinder anomalies defined by orientation stage soil, rock chips and drill chips sampling west of Bingin.**
- **Multiple elemental evidence for Lithium-Caesium-Tantalum (L-C-T) pegmatites recognised outboard from the Radio Granite.**
- **Detailed soil sampling over defined pegmatite zones planned to commence early June.**

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Enterprise Metals Ltd (“Enterprise” or “the Company”) (ASX: ENT) is pleased to advise that it has completed the prospecting and scout sampling/mapping phase of its lithium exploration program. Sampling was focused between Mathesons Pegmatite and the southern boundary of Exploration Licence 77/2568, just north of the Radio Mine, within the Bullfinch North project, located to the north of Southern Cross, Western Australia.

Commencing at the outcropping Matheson Pegmatite, Enterprise field staff traversed the 7.5km zone to the northern margin of the Radio Gold Mine, seeking outcrops, subcrops and scree reflecting the presence of pegmatites hidden under cover of alluvial and colluvial soils around the margin of Lake Deborah West.

During the prospecting/mapping phase, a total of 165 “-80#” soil samples were initially analysed by Portable Spectral Services in West Perth using an X-ray fluorescence (pXRF) technique which generated indicative analysis results for 27 elements, from which “*Lithium index values*” were calculated with a proprietary algorithm. Duplicate -80# soils samples were also sent to MinAnalytical Laboratories in Canning Vale for chemical analysis, using a 4 acid digest and OES/MS ICP technique for analysis of 60 elements, including lithium and associated pathfinders.

51 rock chip samples and 10 drill chips from historic holes drilled for gold were also analysed by MinAnalytical Laboratories. The lithium results from all 226 sent to MinAnalytical are summarized in Figure 1 overleaf and the top 30 Li results and other pathfinders are tabulated Appendices 1- 3.

It is apparent from the spatial analysis of the Lithium and other element results that Li and its associated elements are clustered near the historic Bingin gold mines in the north, and the Radio Gold Mine in the south. Both of these locations are spatially located close to the apices of the Radio Granite. Refer Figure 2, an aeromagnetic image which displays the location of the Radio Granite.

Enterprise’s Lithium exploration program commenced with a research project funded by Enterprise and undertaken by Zoe Phelps-Barber of the University of Leicester. Ms Phelps-Barber compiled exploration histories of prominent lithium discoveries in Western Australia’s Yilgarn and Pilbara Regions, with a particular focus on the Earl Grey deposit in the southern part of the Yilgarn Southern Cross Greenstone Belt.

With regards to the Earl Grey deposit, very extensive and detailed soil sampling over some 50 km of strike identified a relatively small +60ppm Li anomaly, sourced from a major, globally significant, spodumene-pegmatite lithium deposit.

(Refer Appendix 4 for a summary image of the Earl Grey soil results and also to <https://www.tandfonline.com/doi/full/10.1080/25726838.2022.2065450> for an open-access synthesis of Ms Phelps-Barber's broader lithium discovery research)

Figure 1. Image Showing Lithium in Parts Per Million (MinAnalytical Analyses)

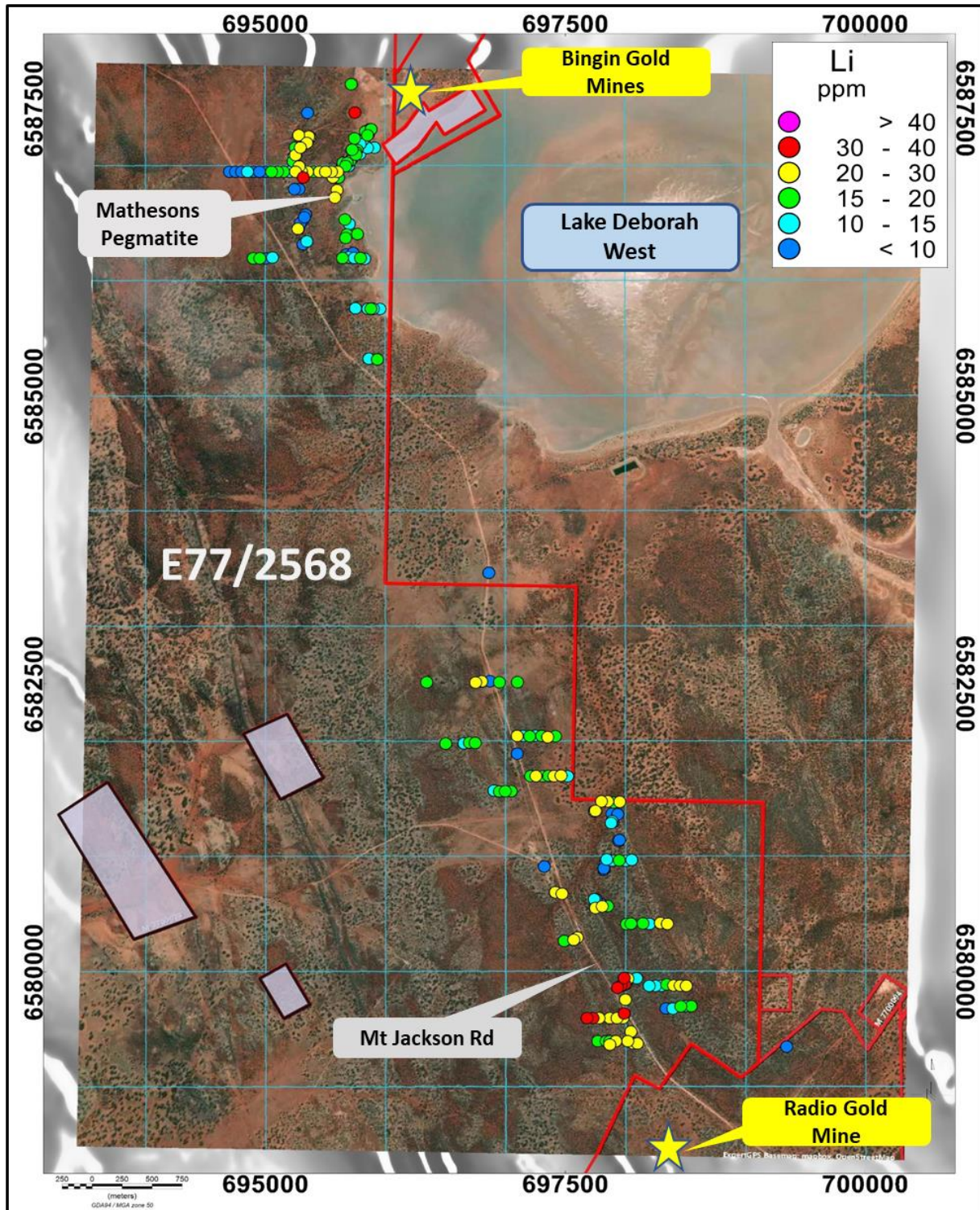
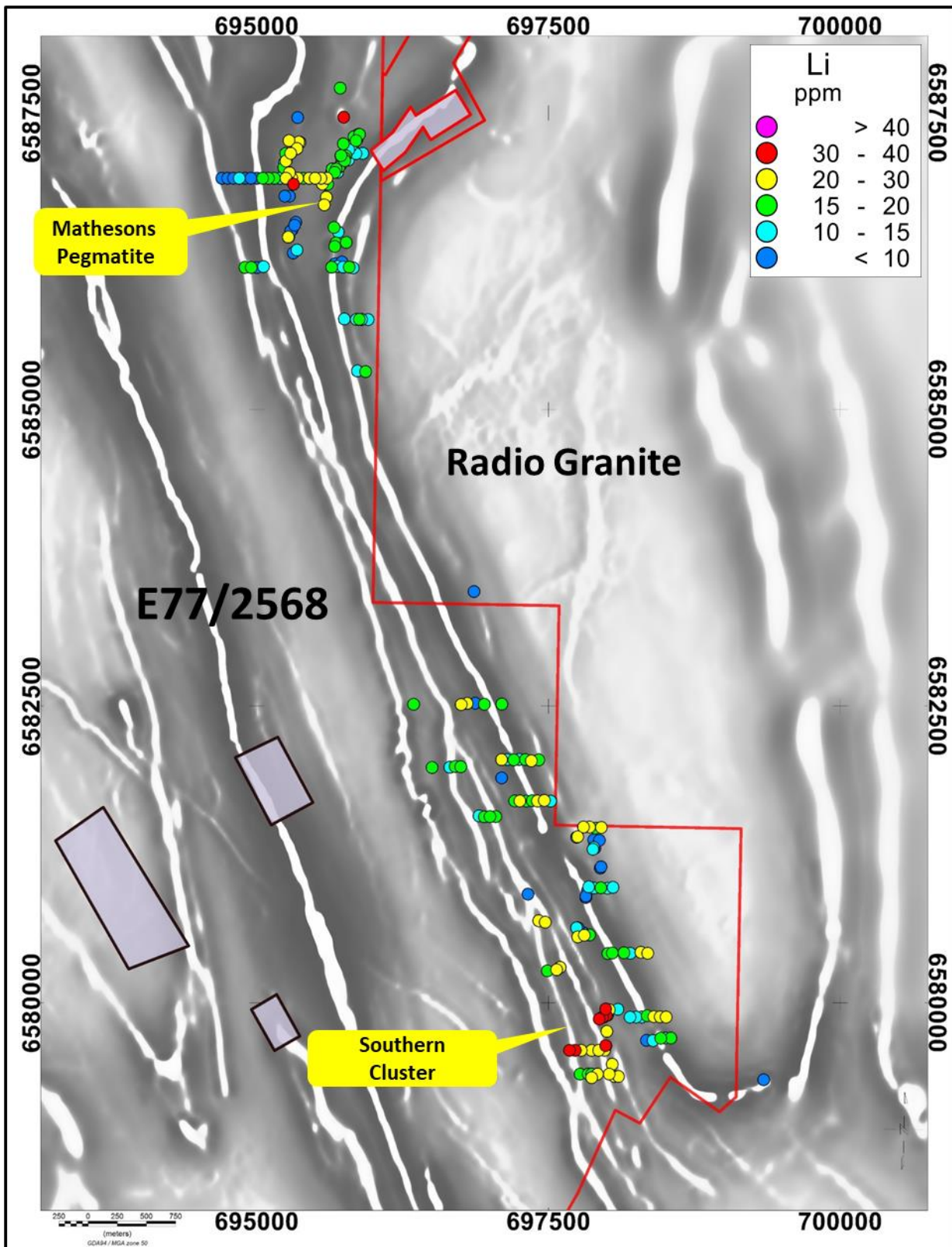
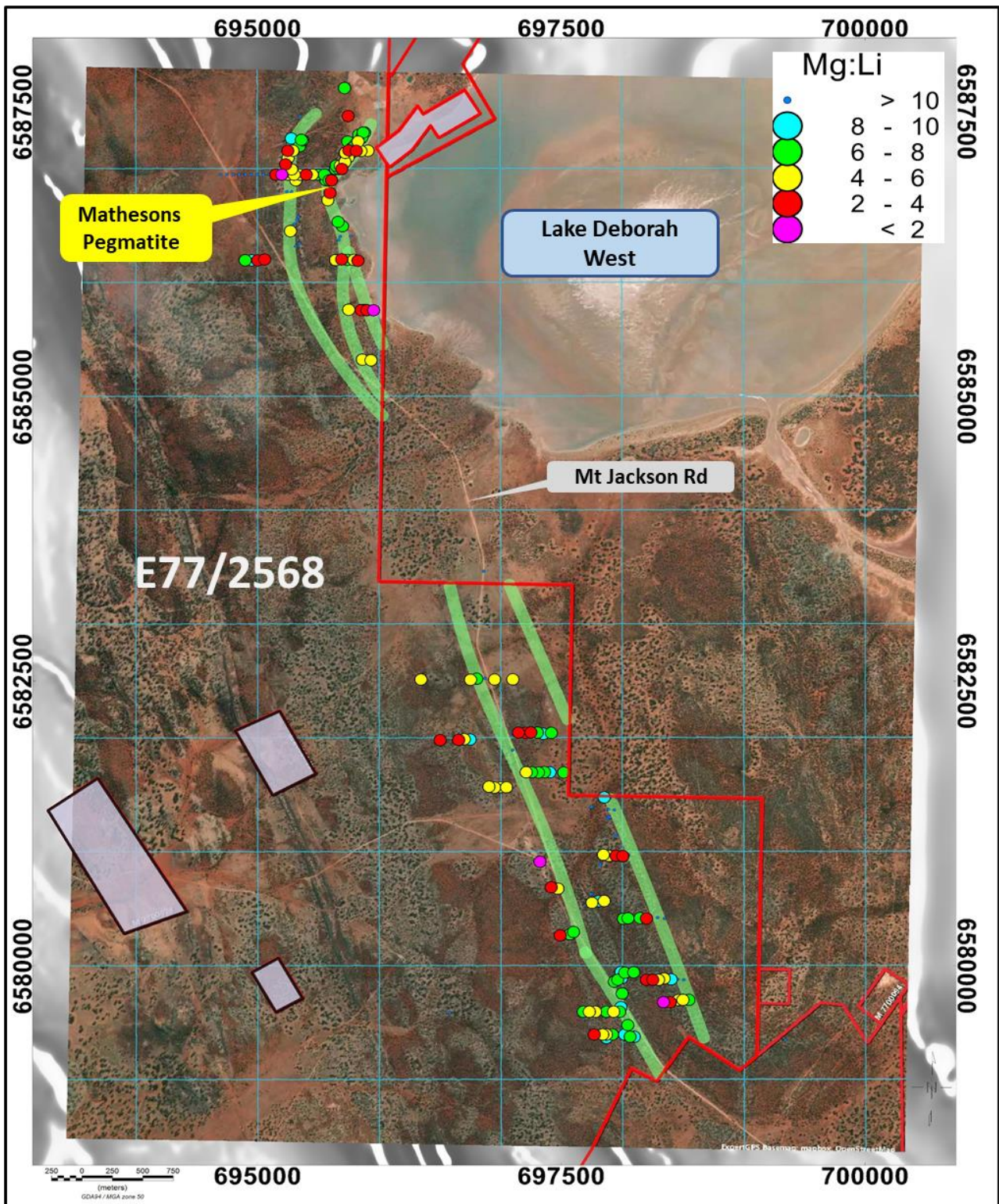


Figure 2. Magnetic Image Showing Lithium in Parts Per Million in Relation to the Radio Granite



The multielement geochemistry from Enterprise's scout sampling program outboard from the Radio Granite, with Mg/Li ratios <10, Li between 10ppm and >30ppm, and Nb/Ta ratios < 8 indicates that the Bullfinch pegmatites are fractionated and highly evolved Lithium-Caesium-Tantalum (LCT) pegmatites. Refer Figures 3 and 4, and Appendices 1-3.

Figure 3. Image Showing Favourable Mg/Li Ratios-  
Most Samples Under 8 in Fertile Pegmatite Swamps



This ASX Announcement has been approved in accordance with the Company’s published continuous disclosure policy and authorized for release by the Company’s Board of Directors.

**Further information, contact:**

Dermot Ryan - Director

Ph: +61 8 6381 0392

[admin@enterprisemetals.com.au](mailto:admin@enterprisemetals.com.au)

### Competent Person Statement

The information in this report that relates to Exploration Activities and Results is based on information compiled by Mr Dermot Ryan, who is an employee of Montana Exploration Services Pty Ltd and a Director and security holder of the Company. Mr Ryan is a Fellow of the Australasian Institute of Mining and Metallurgy and a Member of the Australian Institute of Geoscientists and has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Ryan consents to the inclusion in this report of the matters based on information in the form and context in which it appears.

### Appendix 1. MinAnalytical- Top 30 Soil Samples-Li ppm and Pathfinder Results

Sample	GDA-9	GDA94	Be	Cs	Ga	Li	Nb	Rb	Sn	Ta	Tl
Number	Easting	Northing	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AS100141	697680	6579600	2.56	33.2	12.45	39.2	4.85	129.79	2.8	0.41	1.43
AS100140	697730	6579600	1.57	36.22	9.03	37.9	4.46	140.91	2.2	0.39	1.6
AS100185	697990	6579949	2.81	10.47	12.96	34.5	3.71	69.03	2.2	0.52	0.52
AS100133	697964	6579881	2.36	4.41	13.34	33.1	3.05	50.29	1.3	0.3	0.33
AS100160	695315	6586900	0.91	6.91	13.68	31.7	4.54	60.01	1.0	1.38	0.35
AS100132	697996	6579895	3.44	5.15	12.78	31.5	3.03	58.99	1.3	0.38	0.38
AS100152	697990	6579640	1.95	8.54	12.27	31.1	3.86	67.44	1.7	0.47	0.48
AS100147	698020	6579400	2.89	7.66	14.02	30.0	4.84	90.24	2.3	0.71	0.55
AS100149	698100	6579380	3.18	7.64	12.56	29.6	4.64	63.75	1.9	0.66	0.46
AS100027	695250	6586950	1.00	4.92	12.92	29.5	3.44	42.44	0.9	0.62	0.25
AS100139	697780	6579600	1.93	17.93	10.58	29.3	5.23	69.1	1.9	0.48	0.73
AS100159	695280	6586996	0.93	4.53	12.05	29.1	3.93	35.67	1.0	0.62	0.25
AS100154	697570	6580280	1.40	4.92	13.97	28.6	6.80	38.06	1.4	0.71	0.3
AS100148	698065	6579380	2.88	6.87	12.89	28.6	3.72	74.84	1.7	0.46	0.43
AS100228	698350	6580419	1.96	4.17	19.31	28.4	9.96	105.25	2.1	1.61	0.67
AS100229	698292	6580427	1.50	4.8	17.5	28.2	9.05	107.33	1.8	1.71	0.58
AS100109	697807	6580571	2.08	5.16	14.45	28.1	5.80	51.68	1.7	1.23	0.34
AS100146	697870	6579370	2.71	5.81	9.88	28.1	3.57	72.99	1.6	0.42	0.44
AS100151	698000	6579760	2.32	3.68	11.98	27.2	3.06	46.63	1.3	0.36	0.31
AS100192	697098	6582050	1.00	3.94	17.26	26.9	6.19	42.69	1.3	0.65	0.31
AS100056	695291	6587160	0.80	1.46	10.32	26.7	2.80	26.22	0.8	1.52	0.13
AS100022	695500	6586950	0.88	2.55	14.22	26.4	3.00	38.49	1.0	0.4	0.27
AS100158	695250	6587095	1.35	8.07	10.34	26.4	5.58	73.58	1.1	0.95	0.44
AS100150	698046	6579483	2.60	5.72	10.85	26.3	3.21	57.51	2.0	0.39	0.41
AS100011	695578	6586726	1.18	11.62	10.19	26.2	5.26	83.3	1.3	0.88	0.4
AS100085	697750	6581400	1.00	6.02	16.33	25.8	5.89	55.5	1.6	0.53	0.35
AS100075	697472	6580680	1.77	12.21	11.09	25.6	5.36	52.6	1.8	0.44	0.45
AS100184	698021	6579943	2.20	5.5	12.32	25.5	3.50	54.36	1.4	0.6	0.36
AS100137	697930	6579600	2.29	12.3	10.22	25.5	3.40	63.07	1.4	0.38	0.39
AS100157	695345	6587200	1.12	3.04	11.18	25.2	4.61	56.97	1.0	0.8	0.3

## Appendix 2. MinAnalytical- Example of 30 Soil Samples-with Mg/Li Ratio &lt;10

Sample	Li	K	Mg	K/Rb	Mg/Li	Nb/Ta	Ta/Sn
Number	ppm	%	%	ratio	ratio	ratio	ratio
AS100185	34.5	0.49	3.62	71.0	9.5	7.13	0.24
AS100187	21.9	0.55	2.31	128.6	9.5	10.39	0.49
AS100018	24.2	0.79	2.59	118.9	9.3	5.46	0.69
AS100109	28.1	0.54	3.01	104.5	9.3	4.72	0.72
AS100087	21.6	0.81	2.33	123.3	9.3	8.43	0.38
AS100149	29.6	0.6	3.27	94.1	9.1	7.03	0.35
AS100147	30.0	0.63	3.32	69.8	9.0	6.82	0.31
AS100195	19.5	0.32	2.25	189.5	8.7	8.28	0.63
AS100042	16.8	0.49	1.95	174.4	8.6	12.09	0.36
AS100152	31.1	0.58	3.68	86.0	8.5	8.21	0.28
AS100220	21.1	0.56	2.50	127.4	8.4	9.06	0.58
AS100146	28.1	0.73	3.33	100.0	8.4	8.50	0.26
AS100199	20.8	0.68	2.51	151.0	8.3	9.29	0.51
AS100132	31.5	0.51	3.81	86.5	8.3	7.97	0.29
AS100157	25.2	0.81	3.16	142.2	8.0	5.76	0.80
AS100144	25.2	0.55	3.19	93.4	7.9	10.78	0.25
AS100154	28.6	0.67	3.67	176.0	7.8	9.58	0.51
AS100022	26.4	0.52	3.40	135.1	7.8	7.50	0.40
AS100007	20.4	0.58	2.63	129.1	7.8	6.37	0.61
AS100148	28.6	0.61	3.73	81.5	7.7	8.09	0.27
AS100174	17.8	1.15	2.33	212.7	7.6	5.18	0.83
AS100180	17.5	0.98	2.31	173.1	7.6	6.60	0.75
AS100021	25.1	0.52	3.33	142.3	7.5	8.00	0.51
AS100186	19.9	0.7	2.65	148.9	7.5	10.42	0.48
AS100133	33.1	0.41	4.44	81.5	7.5	10.17	0.23
AS100136	21.3	0.46	2.87	102.4	7.4	8.57	0.36
AS100200	19.1	0.66	2.58	148.1	7.4	10.85	0.52
AS100177	15.9	1.07	2.17	205.2	7.3	9.81	0.48
AS100201	18.7	0.49	2.57	135.1	7.3	11.45	0.42
AS100178	15.8	1.11	2.20	219.3	7.2	9.84	0.38

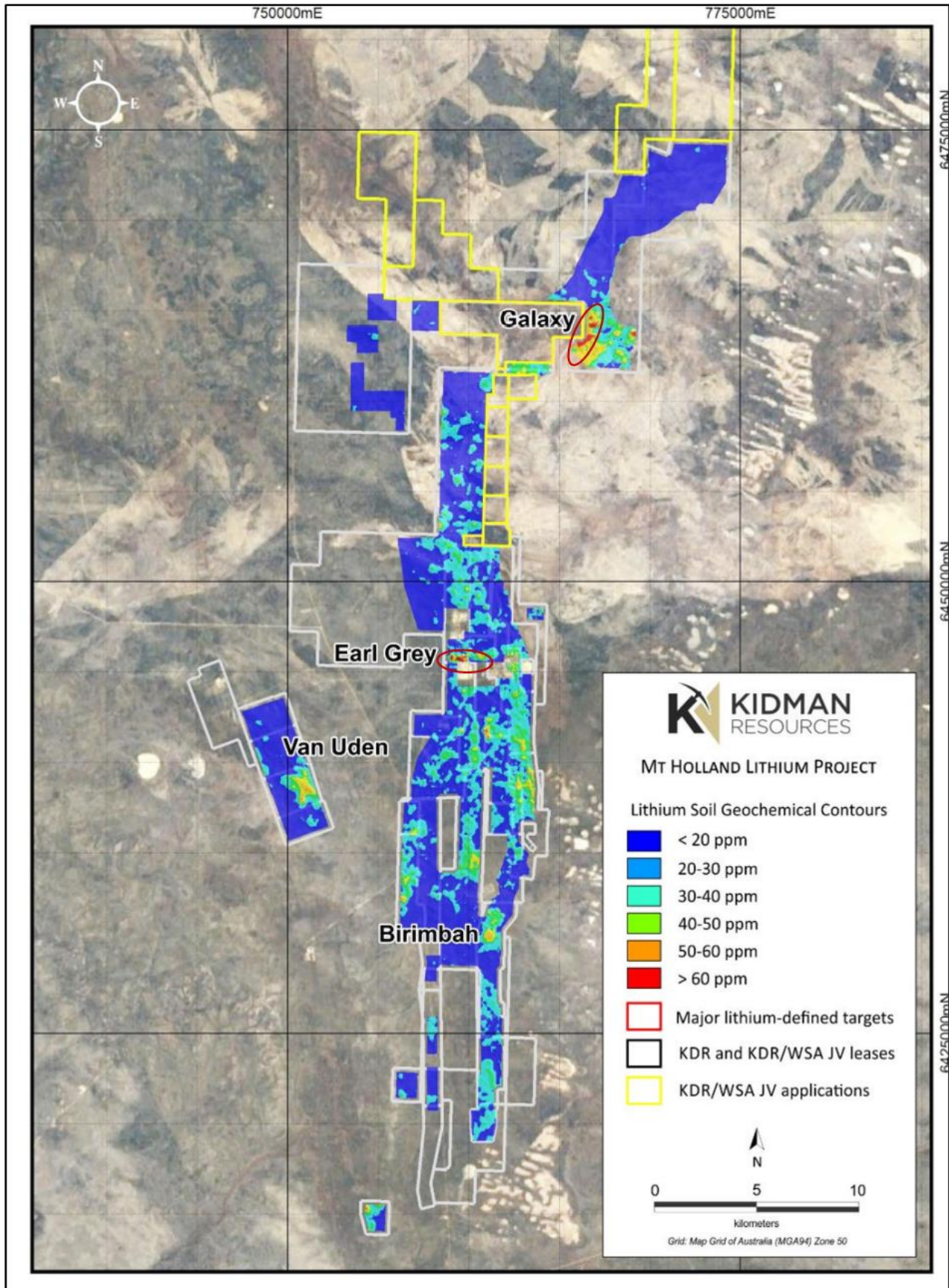
**Notes:** Evidence of highly evolved Lithium-Caesium-Tantalum (L-C-T) pegmatites emanating from the Radio Granite, based on soils with Mg/Li ratios <10, and Nb/Ta ratios < 8

## Appendix 3. MinAnalytical- Top 30 Rock Samples-Rb and Pathfinder Results

Sample	GDA-9	GDA94	Be	Cs	Ga	Li	Nb	Rb	Sn	Ta	Tl
Number	Easting	Northing	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AS100117	698003	6579910	3.86	11.99	28.68	8.7	18.33	826.48	6.6	3.25	4.03
AS100113	697754	6580632	4.33	5.48	35.27	8.5	48.84	558.21	5.2	16.84	2.58
AS100119	695345	6586345	5.80	31.78	23.87	10.3	20.23	488.79	3.2	5.15	2.26
AS100039	695671	6586230	0.34	3.88	14.83	1.9	0.69	431.62	0.7	0.2	2.21
AS100038	694700	6586950	0.53	5.87	19.43	1.7	1.35	424.98	0.3	0.51	2.07
AS100092	697899	6581305	0.86	6.16	19.61	2.4	1.15	416.08	0.5	0.52	2.12
AS100098	697833	6580943	0.95	5.78	19.98	2.8	7.92	416.05	1.5	1.58	2.11
AS100040	695730	6586244	0.86	6.02	19.52	5.5	1.26	412.98	3.4	0.43	2.3
AS100127	695274	6586455	2.05	10.28	17.26	2.8	8.83	396.4	1.0	3.92	2.04
AS100032	695000	6586950	1.64	13.57	20.23	3.8	4.44	394.86	1.3	0.84	1.97
AS100034	694900	6586950	0.72	8.21	14.83	3.6	1.46	388.83	0.5	0.54	2.15
AS100122	695237	6587081	4.11	32.15	19.73	10.1	12.43	379.49	1.9	4.32	1.84
AS100116	698007	6579897	4.11	6.23	35.79	15.6	54.11	367.81	6.4	30.31	1.77
AS100130	695324	6586554	2.38	10.45	22.47	7.7	17.1	350.38	2.5	4.89	1.49
AS100129	695305	6586518	3.26	9.42	19.38	4.4	12.9	344.97	2.1	4.46	1.72
AS100131	695334	6586579	3.23	8.6	23.75	3.9	14.49	343.0	2.2	3.99	1.32
AS100112	697752	6580632	2.45	3.08	28.35	5.5	17.96	334.19	3.0	3.6	1.61
AS100128	695290	6586504	3.88	15.66	22.5	6.0	23.92	328.44	2.9	10.44	1.59
AS100114	697741	6580633	2.06	5.14	43.67	11.7	44.02	286.51	6.5	4.77	1.04
AS100090	697887	6581375	1.78	6.33	17.32	5.4	5.8	254.52	0.7	1.63	1.31
AS100111	697800	6580591	2.62	4.25	28.19	5.1	23.81	254.04	2.6	8.72	1.24
AS100120	695313	6586320	1.18	6.5	19.16	7.0	9.77	244.16	1.7	1.76	1.23
AS100093	697881	6581295	1.84	5.3	20.22	14.5	12.3	243.29	2.8	1.54	1.15
AS100030	695100	6586950	1.78	4.62	23.61	16.2	10.78	241.1	3.2	1.27	1.2
AS100100	697820	6580900	2.96	3.97	40.17	8.7	35.71	237.45	7.1	10.06	0.8
AS100095	697951	6581147	2.58	6.68	19.7	6.1	16.71	237.33	2.4	6.7	1.2
AS100094	697936	6581371	3.37	3.12	21.06	5.7	9.29	222.37	2.4	1.97	1.08
AS100084	697740	6581396	1.85	4.31	20.58	10.9	11.32	220.51	2.6	1.47	1.02
AS100118	697975	6579881	7.38	12.52	26.13	7.9	9.06	218.52	1.5	5.21	1.17
AS100099	697820	6580889	1.20	2.8	16.59	3.1	4.69	212.36	1.1	1.18	1.05
AS100101	696579	6579595	4.33	14.43	19.11	53	7.16	206.49	8.6	0.48	1.02
AS100033	694950	6586950	2.29	3.19	19.97	4.4	7.79	205.05	1.0	2.43	0.95

**Notes:** Pegmatite rock chip samples have elevated Cs, Ga, Nb and Rb, with lower lithium. Results suggest that Lithium may be leached from deeply weathered remnant pegmatite outcrops.

Appendix 4. Earl Grey: Image of Soil Sample Gridded Li Results  
14,000 Soil Samples over 50km of Strike





## JORC TABLE 1

### Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
<b>Sampling techniques</b>	<p><i>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.</i></p> <p><i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></p> <p><i>Aspects of the determination of mineralisation that are Material to the Public Report.</i></p> <p><i>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.</i></p>	<p>Soil samples from the Bullfinch North project were collected during prospecting and reconnaissance mapping from the "C" horizon (below organic layer) at a depth ranging from 20cm to 30cm. Soil samples were sieved to -80# (-177um) on site to produce approximately 500gm of fines.</p> <p>This is considered to be industry best practice.</p> <p>Several historical RC chip piles were found with pegmatite chips displayed. There is no record in WAMEX of these drill holes. Several chip piles were sieved to -80 # on site to produce approximately 500gm of fines.</p> <p>The screened -80# sample was divided in two, with one half placed in a kraft packet for pXRF analysis, and the other half placed in a second kraft packet for analysis by Mass Spectrometry.</p> <p>A limited number of pegmatite rock samples (0.5Kg) were also collected when outcrops were found during prospecting and reconnaissance mapping. Rock samples were collected in numbered calico bags.</p>
<b>Drilling techniques</b>	<p><i>Drill type (e.g., core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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).</i></p>	<p>Enterprise has not undertaken any drilling on the area of the interpreted pegmatite occurrences.</p>
<b>Drill sample recovery</b>	<p><i>Method of recording and assessing core and chip sample recoveries and results assessed.</i></p> <p><i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i></p> <p><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></p>	<p>Not applicable as no drilling was undertaken and no drilling results are reported.</p>
<b>Logging</b>	<p><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></p> <p><i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i></p> <p><i>The total length and percentage of the relevant intersections logged.</i></p>	<p>Not applicable as no drilling was undertaken.</p> <p>Soil colour was recorded and local lithology was also recorded where outcrop of subcrop was observed nearby.</p>
<b>Sub-sampling techniques and sample preparation</b>	<p><i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></p> <p><i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i></p> <p><i>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.</i></p> <p><i>Whether sample sizes are appropriate to the grain size</i></p>	<p>Sample preparation of Enterprise's samples follows industry best practice at accredited laboratories.</p> <p>Each screened -80# soil sample was divided in two, with one half placed in a kraft packet for pXRF analysis, and the other half placed in a second kraft packet for analysis by Mass Spectrometry.</p> <p>Samples were couriered to ALS MinAnalytical Laboratory Services Australian Pty Ltd in Canning Vale, WA. Samples</p>

Criteria	JORC Code explanation	Commentary
	<i>of the material being sampled.</i>	<p>were dried and then pulverised with minimum 85% passing 75µm. (Method SP3000)</p> <p>Samples were dissolved with four acid digest and analysed for 60 elements by Method MA4031. (MA40/OES and MA40/MS). All batches analysed by MinAnalytical contained at least 3 standards, and at least one blank.</p> <p>Samples for pXRF analysis were hand delivered in kraft packets to Portable Spectral Services Pty Ltd in West Perth, WA. The portable X-ray fluorescence (pXRF) technique generates indicative analysis results for 27 elements, through the use of a generic calibration setup and a thorough QAQC procedure to provide a comprehensive element and concentration range that enables them to be used in exploration. Lithium index values are calculated (28<sup>th</sup> element reported) using a proprietary algorithm and are considered to be indicative only.</p>
<b>Quality of assay data and laboratory tests</b>	<p><i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></p> <p><i>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.</i></p> <p><i>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e., lack of bias) and precision have been established.</i></p>	<p>MinAnalytical Laboratory Services' four acid digest is considered to be a total digest for the 60 elements analysed.</p> <p>The current soil sampling program (with limited rock chip samples) is considered to be a scout program, to identify the location of pegmatites from limited outcrops, subcrops, soil colour anomalies and vegetation anomalies.</p> <p>As such, the analysis of samples by both pXRF and OES/MS methods is considered to be adequate at this early stage of exploration.</p>
<b>Verification of sampling and assaying</b>	<p><i>The verification of significant intersections by either independent or alternative company personnel.</i></p> <p><i>The use of twinned holes.</i></p> <p><i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></p> <p><i>Discuss any adjustment to assay data.</i></p>	<p>No drilling was undertaken and hence no significant intersections, no twinned holes.</p> <p>Primary analytical data from the two laboratories were received in hard copy and in digital (CSV) format, and visually screened for major variances.</p> <p>The data has been stored in Enterprise's proprietary database. No analytical data was adjusted.</p>
<b>Location of data points</b>	<p><i>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.</i></p> <p><i>Specification of the grid system used. Quality and adequacy of topographic control.</i></p>	<p>A handheld GPS (Garmin 62s) was used to locate the sample positions, with a nominal +/- 5m horizontal and vertical accuracy, considered to be adequate for 1<sup>st</sup> pass prospecting and mapping.</p> <p>All samples were collected in the Universal Transverse Mercator (UTM) Geocentric Datum of Australia 1994 (GDA94) system. (MGA94, Zone 50)</p>
<b>Data spacing and distribution</b>	<p><i>Data spacing for reporting of Exploration Results.</i></p> <p><i>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.</i></p> <p><i>Whether sample compositing has been applied.</i></p>	<p>No drilling and associated sampling or assaying has been done by Enterprise on the area discussed in this report.</p> <p>The soil sampling program was an to prospecting for outcropping and/or subcropping pegmatite occurrences, in order to produce an interpretive plan of pegmatite intrusives. Data spacing was dependent on outcrop and/or subcrop locations and their surrounds. No sample compositing was undertaken.</p>
<b>Orientation of data in relation to geological structure</b>	<p><i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></p> <p><i>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.</i></p>	<p>The soil sampling is considered to be scout sampling at this stage, and will assist in focussing detailed grid soil sampling on lines 200m-400m apart, with likely sample spacing along line of 25m.</p>

Criteria	JORC Code explanation	Commentary
<b>Sample security</b>	<i>The measures taken to ensure sample security.</i>	
<b>Audits or reviews</b>	<i>The results of any audits or reviews of sampling techniques and data.</i>	No audits or reviews of sampling techniques have been conducted to date. Following the identification of clusters of elevated L-C-T values, it is anticipated that detailed soil sampling and/or shallow auger sampling will be undertaken.

## Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
<b>Mineral tenement and land tenure status</b>	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.  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.	The soil sampling reported in this report relates to Exploration Licence 77/2568, granted Nickgraph Pty Ltd ("Nickgraph") on 21 February 2019. The tenement is in good standing. Enterprise Metals Ltd entered into a two year <i>Option to Purchase Agreement</i> with Nickgraph on 25 May 2020 for this tenement and others. The Agreement was extended for a further 2 years (to 24 May 2024) on 21 May 2022.  Nickgraph has entered into an Alternative Heritage Agreement with the Marlinyu Ghoorlie Native Title Claimant Group (determination application WAD 647/2017).
<b>Exploration done by other parties</b>	<i>Acknowledgment and appraisal of exploration by other parties.</i>	There has been no recorded previous exploration for lithium in the area covered by this report.
<b>Geology</b>	<i>Deposit type, geological setting and style of mineralisation.</i>	The targeted deposit type and style of mineralisation within E77/2568 is modelled on the Earl Grey Lithium deposit in the Mt Holland area of the Southern Cross Greenstone Belt.
<b>Drill hole Information</b>	<i>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:</i> <ul style="list-style-type: none"> <li>○ easting and northing of the drill hole collar</li> <li>○ elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>○ dip and azimuth of the hole</li> <li>○ down hole length and interception depth</li> <li>○ hole length.</li> </ul> <i>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.</i>	No relevant drilling by Enterprise to report.
<b>Data aggregation methods</b>	<i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</i>  <i>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such</i>	No levelling of the raw geochemical data has been undertaken as this is a scout soil sampling program with no set grid pattern.

Criteria	JORC Code explanation	Commentary
	<p>aggregation should be stated and some typical examples of such aggregations should be shown in detail.</p> <p>The assumptions used for any reporting of metal equivalent values should be clearly stated.</p>	
<b>Relationship between mineralisation widths and intercept lengths</b>	<p>These relationships are particularly important in the reporting of Exploration Results.</p> <p>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</p> <p>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</p>	No relevant drilling by Enterprise to report.
<b>Diagrams</b>	<p>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.</p>	<p>No relevant drilling by Enterprise to report.</p> <p>Appropriate plans showing the distribution of samples to date with relevant Lithium results colour coded is deemed to be adequate at this early stage of exploration.</p>
<b>Balanced reporting</b>	<p>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.</p>	A summary of relevant information is presented.
<b>Other substantive exploration data</b>	<p>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.</p>	<p>The area of the Bullfinch North project area was flown in 2012 with a detailed (100m line spaced) airborne magnetic/radiometric survey by period by Thomson Aviation Pty Ltd. The survey is registered with GSWA as "Bullfinch 11061" (Registration 7063, MAGIX ID 3590).</p> <p>The survey was commissioned by Western Areas NL to assist their nickel search. Approximately half the survey covered the Bullfinch Project area.</p>
<b>Further work</b>	<p>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</p> <p>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</p>	