ACN 123 567 073 31 January 2023

Lithium Soils hit +200ppm Li_2O at Radio Pegmatites, Bullfinch, WA

- **Soil samples deliver further enhancement of the lithium prospectivity of the Radio pegmatites at Bullfinch North, WA.**
- **Four separate pegmatite kilometre-scale occurrences, striking over approximately 2.5km, are now defined by soil sampling and from isolated surface pegmatite occurrence.**
- **Pegmatite occurrences remain open along strike with further sampling planned.**

Enterprise Metals Ltd ("Enterprise" or "ENT") is pleased to advise that additional follow-up soil sampling has further defined the four pegmatite zones, announced on 21 November 2022. Assay results of 50 follow-up soil samples have now been added to the existing 235 soil samples previously collected.

These additional assay results have resulted in further enhancement and definition of the location and tenor of the Enterprise Li rich soil zone discoveries. While undertaking the follow-up sampling and mapping, Enterprise's geological team located a number of new pegmatite subcrops which add confidence to the developing geological interpretation.

Of the 50 recent infill soil samples, twelve recorded between **90ppm - 202ppm Li_2O**, along with elevated Cs_2O and Rb_2O. Refer Table 1 below.

Table 1: Top 24% of Recent Soil Samples Recording Elevated Li_2O, Cs_2O and Rb_2O

Sample.	East	North	BeO	Cs_2O	Li_2O	Nb_2O_5	Rb_2O	SnO_2	Ta_2O_5
No.	GDA94-50	GDA94-50	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AS104526	698461	6580313	11	12	**202**	5	238	7	<1
AS104522	698331	6580299	9	17	**185**	4	271	6	<1
AS104525	698423	6580301	16	11	**181**	5	238	6	<1
AS104523	698368	6580300	9	15	**153**	5	267	6	<1
AS104524	698399	6580299	9	12	**142**	4	207	5	<1
AS104532	698000	6581299	8	11	**141**	2	150	5	<1
AS104555	698001	6579913	9	15	**117**	1	140	3	<1
AS104521	698291	6580300	6	14	**114**	2	130	5	<1
AS104533	698029	6581305	8	10	**111**	2	140	5	<1
AS104514	698501	6579984	7	16	**104**	3	214	5	<1
AS104512	698440	6579998	5	9	**103**	1	79	3	<1
AS104530	698266	6580499	4	12	**96**	4	203	3	<1

Geological mapping is in progress to best locate pegmatite subcrop samples to complement the existing soil geochemical database. The mapping and prospecting has determined that the surface expression of the weathered pegmatites is a distinctive pale soil-type with widely dispersed gum trees.

Enterprise is encouraged by the scale of the lithium anomalism and host pegmatite system. The results from the recent sampling clearly warrant high-priority follow-up to delineate pegmatite zonation and fractionation.

The Company has planned a non-ground-disturbing follow-up soil sampling program using Toyota mounted auger to recover pegmatite rock chips for analysis and petrology. This sampling program is subject to approval from the Marlinyu Ghoorlie Native Title Claimant.

Refer Figure 1 overleaf shows the interpreted pegmatite localities at the Radio Prospect, and Figures 2 and 3 show in detail the anomalous Li ppm grades and their relationship to soil and pronounced vegetation anomalies. Appendix 1 lists the results of all samples analysed for the elements in Table 1, sorted by Li_2O grade.

Figure 1. Plan Showing Location of Area Containing Radio Pegmatites

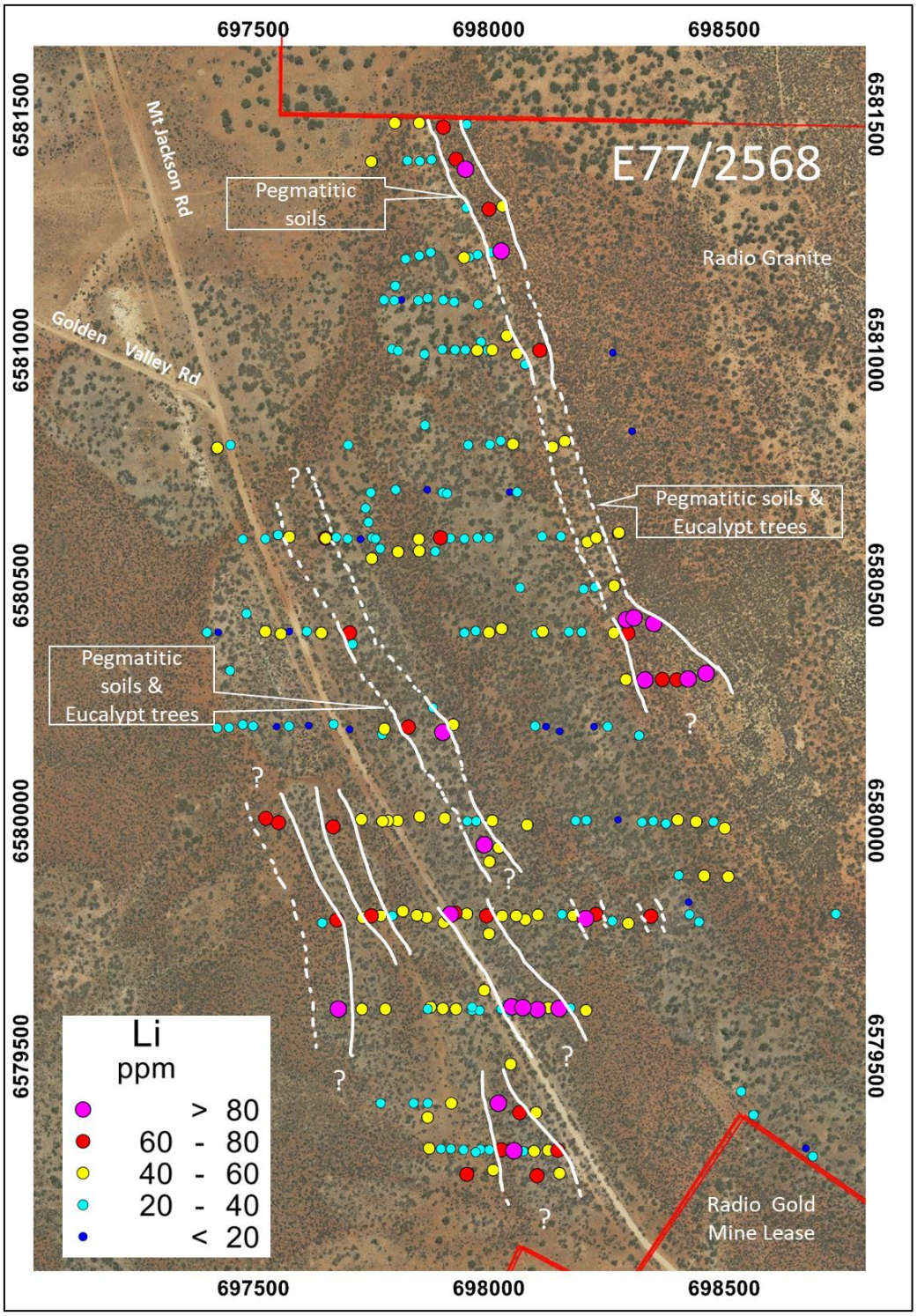


Figure 2. North Plan Enlargement – Li ppm Soil Results over Interpreted Pegmatitic Soils

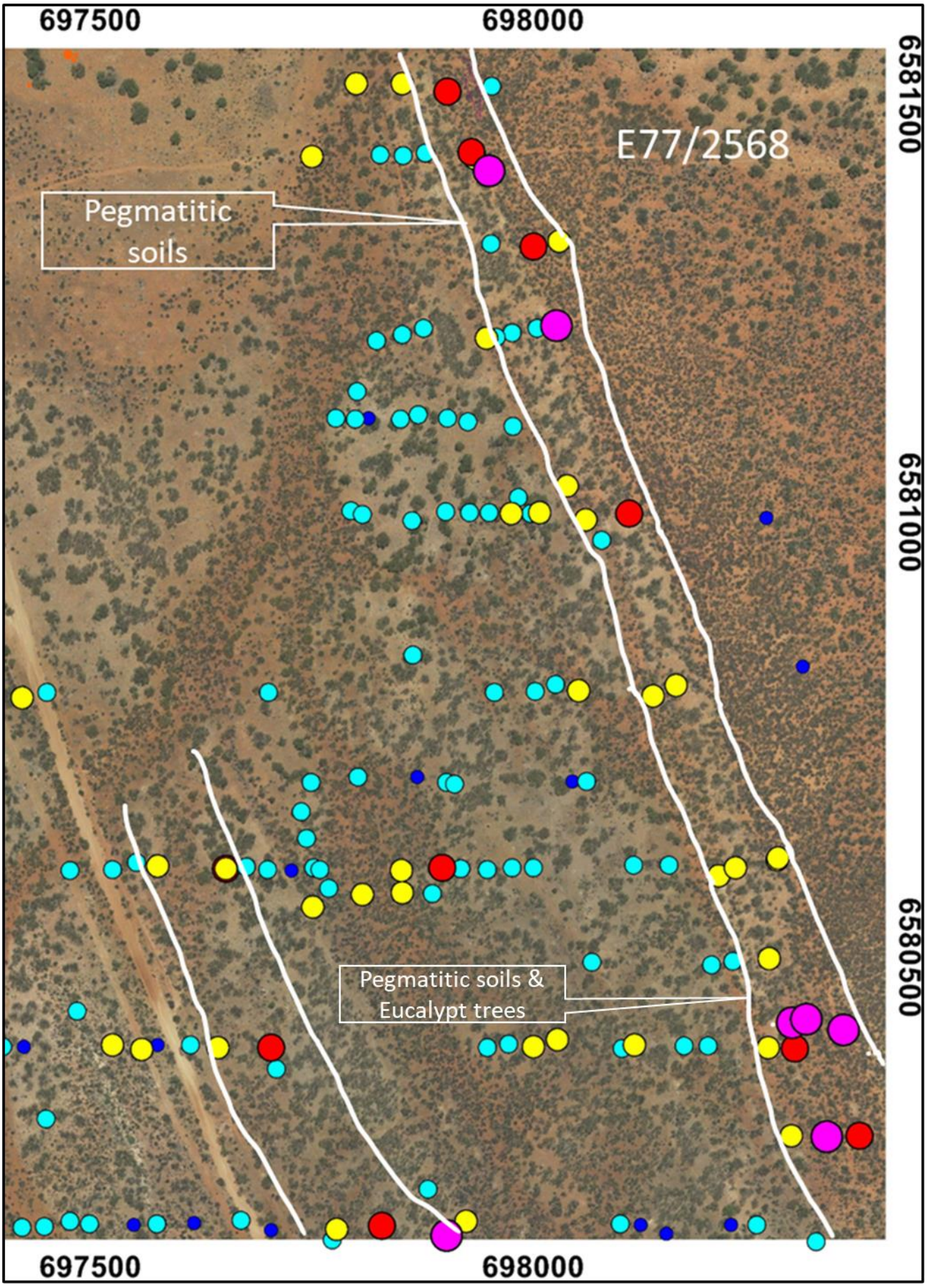
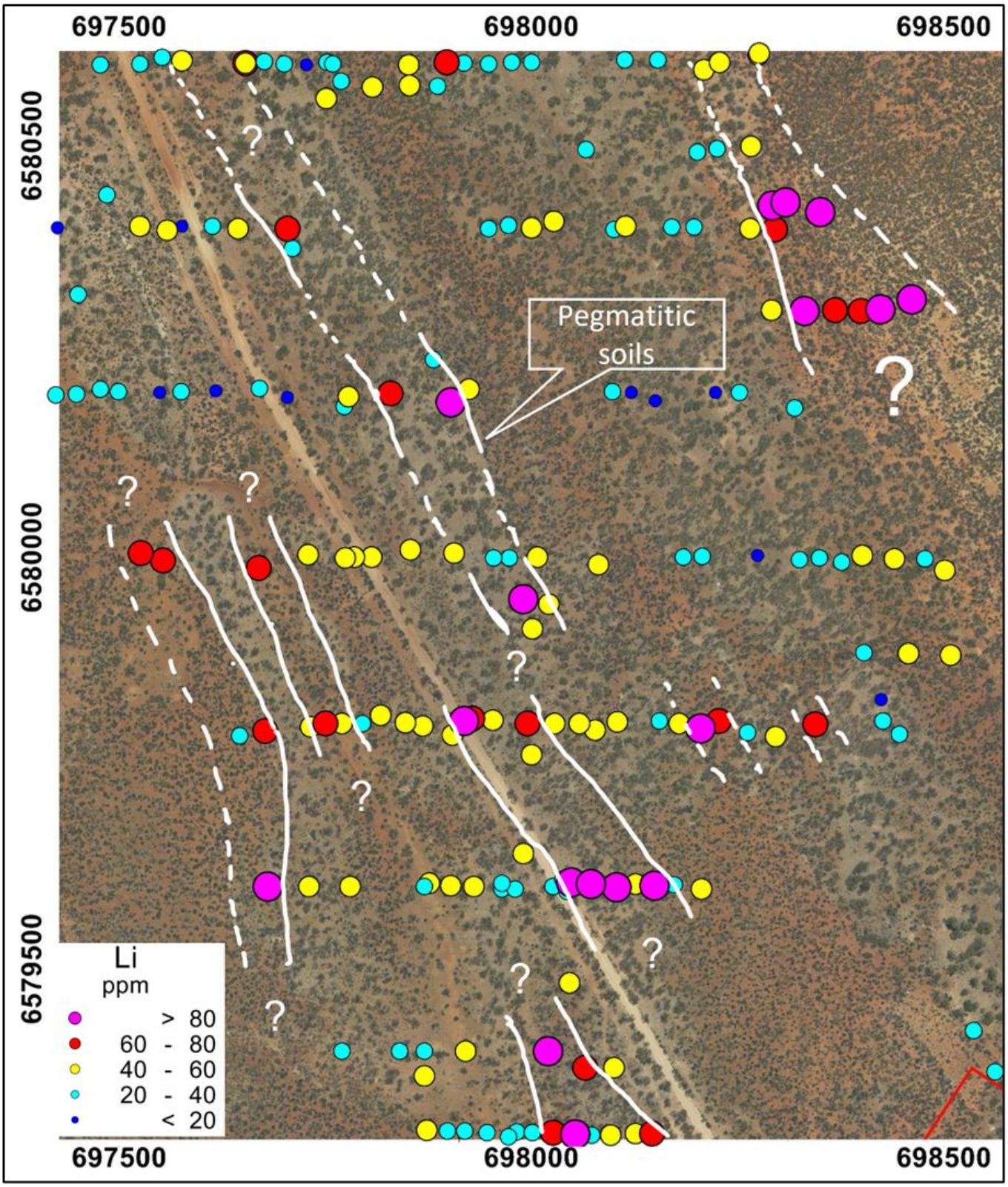


Figure 3. South Plan Enlargement – Li ppm Soil Results over Interpreted Pegmatitic Soils



Appendix 1: All 2022 Radio Pegmatite Soil Sample Results, E77/2568- Bullfinch North WA

Sample	Easting	Northing	BeO	Cs_2O	Li_2O	Nb_2O_5	Rb_2O	SnO_2	Ta_2O_5
No.	GDA94-50	GDA94-50	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AS100283	697990	6579949	3	6	249	1	39	2	0.01
AS104411	698072	6579603	12	21	240	1	82	3	0.00
AS104410	698103	6579599	9	13	234	2	114	3	0.01
AS100141	697680	6579600	10	102	219	1	461	3	0.00
AS104341	698308	6580431	11	13	215	6	235	6	0.03
AS104447	698053	6579299	15	26	206	1	153	6	0.01
AS104526	698461	6580313	11	12	202	5	238	7	0.03
AS100229	698292	6580427	8	18	200	4	243	6	0.02
AS100147	698020	6579400	17	31	198	1	179	6	0.01
AS104408	698149	6579601	11	18	196	1	172	3	0.00
AS104522	698331	6580299	9	17	185	4	271	6	0.04
AS104390	698026	6581210	13	9	184	3	116	6	0.02
AS104525	698423	6580301	16	11	181	5	238	6	0.01
AS100286	698020	6579400	18	25	179	1	236	5	0.01
AS104396	697950	6581384	12	13	178	3	199	5	0.03
AS104437	697902	6580188	17	12	177	2	53	3	0.01
AS104412	698048	6579605	10	14	175	1	203	3	0.00
AS104417	698205	6579792	5	23	175	2	261	2	0.00
AS104500	697918	6579801	17	34	173	2	327	7	0.01
AS100228	698350	6580419	11	9	171	5	179	6	0.02
AS104436	697829	6580199	7	25	169	2	205	2	0.01
AS104340	698295	6580398	6	12	164	5	258	4	0.02
AS104468	697677	6579789	12	55	160	1	127	6	0.01
AS104413	698344	9579797	9	21	156	1	112	2	0.00
AS100238	698102	6579246	27	24	154	2	87	6	0.01
AS104470	697526	6580005	10	60	153	1	245	4	0.01
AS104523	698368	6580300	9	15	153	5	267	6	0.03
AS104466	697750	6579798	9	33	152	1	83	3	0.00
AS10088	697903	6581473	9	10	152	3	127	5	0.01
AS104395	697930	6581405	11	11	146	3	157	5	0.02
AS104472	697669	6579987	9	29	145	1	70	3	0.00
AS104524	698399	6580299	9	12	142	4	207	5	0.04
AS104532	698000	6581299	8	11	141	2	150	5	0.01
AS100185	697990	6579949	10	18	141	1	100	4	0.01
AS104379	698108	6580999	9	12	141	2	138	4	0.03
AS104471	697553	6579996	9	38	139	1	117	3	0.00
AS100235	697953	6579249	12	17	138	1	85	4	0.01
AS104353	697897	6580601	12	10	135	3	124	6	0.03
AS104441	697704	6580399	10	24	132	1	177	3	0.01
AS104416	698227	6579801	9	18	132	1	105	3	0.01
AS100148	698065	6579380	19	24	131	1	202	4	0.01
AS104440	697672	6580402	7	14	131	1	106	3	0.00
AS104425	697995	6579798	10	15	129	1	192	4	0.00

Appendix 1: Continued

Sample	Easting	Northing	BeO	Cs_2O	Li_2O	Nb_2O_5	Rb_2O	SnO_2	Ta_2O_5
No	GDA-94	GDA-94	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AS104448	698026	6579301	15	16	128	1	103	5	0.01
AS104499	697928	6579804	16	23	128	1	184	6	0.01
AS104443	698146	6579300	9	21	128	1	73	2	0.00
AS104455	697873	6579304	13	11	128	1	78	5	0.01
AS104439	697644	6580399	7	15	125	1	105	2	0.00
AS10109	697807	6580571	7	11	123	1	81	2	0.00
AS104462	697847	6579799	8	22	123	1	120	2	0.00
AS100139	697780	6579600	7	54	122	1	172	3	0.00
AS104463	697817	6579808	9	23	121	1	90	3	0.02
AS104475	697774	6579999	7	16	121	1	125	3	0.00
AS104438	697924	6580204	8	7	120	1	67	2	0.00
AS104498	697785	6580000	8	15	120	2	97	3	0.01
AS100149	698100	6579380	12	22	120	1	116	4	0.01
AS104424	698028	6579798	7	8	119	1	87	3	0.02
AS100152	697990	6579640	10	28	118	1	175	4	0.01
AS104406	698206	6579597	6	14	117	1	120	2	0.00
AS104555	698001	6579913	9	15	117	1	140	3	0.00
AS104385	697947	6581196	7	11	116	2	96	3	0.03
AS100146	697870	6579370	7	10	115	1	116	3	0.00
AS104521	698291	6580300	6	14	114	2	130	5	0.01
AS104377	698059	6580992	8	19	114	3	234	5	0.05
AS100150	698046	6579483	7	20	112	1	120	3	0.01
AS104497	697806	6580000	10	15	111	1	81	3	0.01
AS104423	698058	6579798	10	13	111	1	107	3	0.00
AS104533	698029	6581305	8	10	111	2	140	5	0.02
AS100157	695345	6587200	5	10	111	1	110	2	0.01
AS104339	698265	6580399	4	10	110	4	215	3	0.02
AS104461	697868	6579795	7	19	109	1	121	2	0.00
AS104355	697851	6580598	4	7	108	1	55	2	0.00
AS104332	698000	6580400	5	8	108	1	85	2	0.01
AS104414	698296	6579782	7	18	108	1	121	2	0.00
AS104501	697294	6579784	12	22	108	1	154	5	0.01
AS104359	698051	6580800	5	8	107	1	65	3	0.01
AS100140	697730	6579600	2	29	107	1	148	1	0.01
AS100279	687302	6620319	7	6	107	0	64	3	0.01
AS100236	698009	6579258	12	13	105	1	138	3	0.00
AS104422	698077	6579790	11	15	105	1	116	3	0.00
AS100237	699055	6579249	10	16	104	1	81	3	0.01
AS10086	697800	6581482	4	10	104	1	87	2	0.01
AS104514	698501	6579984	7	16	104	3	214	5	0.03
AS104345	698228	6580601	4	11	103	3	209	3	0.01
AS104512	698440	6579998	5	9	103	1	79	3	0.01
AS104347	698276	6580612	4	9	103	4	179	3	0.01
AS104330	698027	6580408	5	9	102	1	87	2	0.00

Appendix 1: Continued

Sample No.	Easting	Northing	BeO	Cs_2O	Li_2O	Nb_2O_5	Rb_2O	SnO_2	Ta_2O_5
	GDA-94	GDA-94	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AS100280	687350	6620319	6	5	101	0	71	2	0.01
AS104433	697853	6580009	5	9	100	1	72	2	0.00
AS104427	698081	6579991	7	14	100	1	113	3	0.00
AS100184	698021	6579943	7	14	99	1	135	2	0.00
AS10108	697751	6580557	6	11	99	1	78	2	0.01
AS104421	698104	6579800	10	14	99	1	124	3	0.01
AS104435	697778	6580195	5	6	99	1	37	3	0.01
AS104409	698126	6579603	6	13	98	1	56	2	0.00
AS104362	698161	6580806	6	12	98	3	177	4	0.02
AS100159	695280	6586996	4	14	98	1	52	2	0.01
AS104426	697953	6579802	9	11	98	1	107	3	0.00
AS10087	697852	6581482	4	8	97	2	88	2	0.01
AS104444	698126	6579300	9	10	97	1	93	2	0.00
AS104530	698266	6580499	4	12	96	4	203	3	0.02
AS104428	698007	6580000	6	12	96	1	179	2	0.00
AS100151	698000	6579760	10	15	95	1	130	3	0.01
AS100285	698100	6579380	4	7	94	1	40	2	0.00
AS104418	698179	6579798	10	15	94	1	164	3	0.00
AS104432	697906	6580005	6	7	94	1	51	3	0.00
AS104445	698096	6579298	10	12	94	1	136	2	0.00
AS104400	697653	6580600	5	9	93	1	75	1	0.00
AS10085	697750	6581400	4	10	93	1	82	2	0.01
AS104394	697934	6581398	6	11	93	1	190	3	0.01
AS104398	697576	6580603	5	7	93	1	66	2	0.00
AS104344	698209	6580592	4	14	93	3	165	4	0.02
AS104490	697423	6580792	9	24	92	1	147	3	0.00
AS104328	698114	6580402	4	8	92	2	106	2	0.01
AS104456	697876	6579604	8	16	92	1	56	3	0.01
AS104488	697558	6580397	5	11	92	1	41	2	0.01
AS104376	698038	6581030	4	11	92	2	200	3	0.02
AS104348	698275	6580610	8	9	92	2	139	6	0.02
AS104474	697729	6580003	6	34	92	1	212	2	0.00
AS104465	697770	6579798	7	24	91	1	74	3	0.00
AS100144	697920	6579400	9	11	90	1	82	3	0.00
AS104487	697525	6580402	6	12	90	1	60	2	0.01
AS100137	697930	6579600	6	30	89	1	159	2	0.00
AS104467	697732	6579794	4	19	89	1	83	1	0.01
AS104373	697975	6580999	4	9	89	1	76	2	0.00
AS100221	698457	6579883	4	7	89	1	51	2	0.01
AS100158	695250	6587095	4	25	88	2	143	2	0.01
AS100239	698150	6579251	6	8	88	1	85	2	0.01
AS10110	697852	6580573	4	8	88	1	108	2	0.00
AS104511	698401	6580002	5	5	87	1	60	2	0.00
AS100281	687400	6620322	5	5	87	0	65	2	0.01

Appendix 1: Continued

Sample No.	Easting	Northing	BeO	Cs_2O	Li_2O	Nb_2O_5	Rb_2O	SnO_2	Ta_2O_5
	GDA-94	GDA-94	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AS100222	698508	6579881	4	6	87	1	54	2	0.01
AS104457	697902	6579601	5	22	87	1	110	2	0.00
AS104534	698007	6581000	4	14	86	2	203	3	0.01
AS104361	698135	6580794	5	13	86	2	103	4	0.01
AS100267	696599	6583147	3	15	84	1	107	3	0.01
AS104378	698077	6580969	4	9	84	2	155	3	0.01
AS104469	697646	6579783	4	9	83	1	73	2	0.00
AS104492	697477	6580598	7	20	83	1	97	3	0.00
AS104449	698001	6579301	8	9	83	1	99	3	0.01
AS100138	697870	6579600	7	15	82	1	72	2	0.00
AS104393	697878	6581404	4	9	81	1	153	3	0.02
AS104321	698562	6579375	5	8	81	1	100	2	0.01
AS104452	697946	6579301	9	12	81	1	59	3	0.00
AS104513	698477	6579998	4	12	80	3	173	3	0.01
AS104550	697749	6580697	5	8	80	1	54	2	0.01
AS100220	698403	6579884	5	7	80	1	51	2	0.01
AS104446	698073	6579298	8	13	79	1	104	2	0.00
AS104502	698043	6579594	10	9	79	1	132	3	0.00
AS104318	699050	6579300	3	4	78	1	59	2	0.00
AS104453	697919	6579303	11	24	78	1	113	3	0.01
AS104537	697926	6581102	5	8	78	2	96	3	0.03
AS104496	697670	6580205	7	13	77	1	89	2	0.01
AS104484	697401	6580400	7	22	77	1	120	3	0.00
AS104482	697448	6580198	6	17	76	1	76	3	0.01
AS104364	698184	6580000	5	10	76	2	143	5	0.01
AS10089	697953	6581479	7	9	76	1	127	4	0.01
AS104510	698376	6579994	5	6	76	1	84	2	0.01
AS104405	697769	6580578	4	10	76	1	124	1	0.01
AS104375	697983	6581017	3	15	75	2	150	2	0.01
AS104303	698975	6579200	4	13	75	1	117	2	0.01
AS104527	698066	6580495	3	8	75	2	86	2	0.01
AS10106	697751	6580557	4	11	75	2	188	3	0.01
AS104549	697802	6580703	5	8	74	1	79	2	0.00
AS104386	697958	6581197	4	9	73	2	122	2	0.01
AS100277	696742	6582801	3	10	73	1	90	2	0.01
AS104300	699047	6579198	4	10	73	1	77	2	0.01
AS104419	698155	6579801	7	11	72	1	105	2	0.00
AS104354	697886	6580572	3	6	72	1	62	2	0.00
AS104336	698170	6580401	4	7	72	1	90	5	0.01
AS104459	697964	6579604	4	12	72	1	69	1	0.00
AS104302	699003	6579204	5	12	72	1	132	2	0.00
AS104529	698225	6580496	6	14	71	2	252	5	0.02
AS100284	697990	6579640	3	15	71	1	113	3	0.01
AS104450	697972	6579296	11	13	71	1	110	3	0.02

Appendix 1: Continued

Sample No.	Easting	Northing	BeO	Cs_2O	Li_2O	Nb_2O_5	Rb_2O	SnO_2	Ta_2O_5
	GDA-94	GDA-94	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AS104483	697423	6580197	4	15	71	1	131	3	0.00
AS104382	697823	6581193	3	7	70	2	88	1	0.01
AS104460	697980	6579597	6	17	70	1	97	2	0.00
AS100282	687450	6620319	3	5	69	0	58	2	0.00
AS104554	697881	6580240	4	14	69	0	76	1	0.00
AS104370	697901	6581001	2	3	68	1	47	1	0.00
AS104333	697972	6580403	3	6	68	1	61	2	0.00
AS104407	698173	6579602	3	5	68	1	27	1	0.00
AS104442	697710	6580375	6	12	67	1	117	2	0.00
AS104503	698038	6579609	5	6	67	0	66	2	0.00
AS104504	698026	6579600	5	7	67	1	78	2	0.00
AS104415	698262	6579787	3	10	66	0	65	1	0.00
AS104358	698025	6580807	3	4	66	1	87	2	0.00
AS104464	697795	6579798	5	26	66	1	214	2	0.00
AS104351	697948	6580599	2	3	65	1	44	1	0.00
AS104329	698100	6580398	3	7	65	1	102	2	0.01
AS104391	697827	6581402	3	5	65	1	49	1	0.01
AS104352	697918	6580600	2	4	65	1	60	1	0.00
AS100143	697840	6579400	5	9	65	1	81	2	0.00
AS104320	699106	6579310	4	9	65	1	65	2	0.00
AS104544	698060	6580698	3	6	65	1	89	2	0.02
AS104349	698000	6580601	2	3	64	0	49	1	0.00
AS104319	699077	6579294	3	4	64	1	39	1	0.00
AS104476	697651	6578020	5	16	63	1	88	2	0.00
AS104489	697451	6580798	5	11	63	1	58	2	0.00
AS104540	697850	6581105	2	5	63	0	58	1	0.01
AS104307	698688	6579287	3	5	62	1	76	2	0.01
AS104491	697525	6580599	6	12	62	1	114	3	0.00
AS104552	697744	6580634	3	7	62	1	70	2	0.01
AS104397	697552	6580607	3	8	62	1	94	1	0.00
AS104312	698927	6579301	2	4	62	0	49	2	0.00
AS104367	697863	6580991	2	4	61	1	38	1	0.00
AS104388	698004	6581207	3	6	61	1	106	2	0.01
AS104392	697853	6581401	3	6	61	1	76	1	0.00
AS104337	698197	6580401	2	8	61	1	79	2	0.01
AS104371	697928	6581000	2	3	61	1	42	1	0.00
AS100240	696200	6583301	2	5	60	1	53	1	0.01
AS104458	697964	6579597	3	12	60	0	50	1	0.00
AS104451	697982	6579302	6	6	60	1	56	2	0.00
AS104478	697575	6580201	4	12	59	1	47	2	0.00
AS104310	698870	6579270	3	5	59	1	79	2	0.01
AS104384	697876	6581207	2	4	58	1	49	1	0.00
AS104314	698960	6579288	2	3	58	0	52	1	0.00
AS104454	697898	6579303	7	6	58	0	41	2	0.00

Appendix 1: Continued

Sample No.	Easting	Northing	BeO	Cs_2O	Li_2O	Nb_2O_5	Rb_2O	SnO_2	Ta_2O_5
	GDA-94	GDA-94	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AS104372	697950	6581000	3	5	58	1	67	2	0.01
AS104380	697852	6581200	2	4	58	1	37	1	0.00
AS104486	697485	6580440	7	13	58	1	98	3	0.01
AS104357	698002	6580799	2	3	57	1	52	1	0.00
AS104517	698098	6580201	4	6	56	0	44	3	0.00
AS104431	697954	6579999	6	7	56	1	91	3	0.00
AS100145	697870	6579400	5	8	56	1	70	2	0.01
AS104343	698153	6580604	3	6	55	1	64	2	0.00
AS104387	697976	6581202	3	5	54	1	69	1	0.00
AS104546	697911	6580695	2	8	54	1	97	1	0.01
AS104493	697613	6580402	3	7	54	1	59	1	0.00
AS104365	697864	6580840	2	9	53	1	79	1	0.01
AS104539	697870	6581110	2	3	53	0	32	1	0.00
AS104342	698113	6580604	2	5	53	1	71	1	0.00
AS104420	698737	6579802	4	6	53	1	67	1	0.00
AS104535	697977	6581097	2	4	53	1	38	1	0.00
AS104334	697948	6580399	2	4	53	1	52	1	0.00
AS104402	697700	6580599	3	8	52	1	58	1	0.00
AS104366	697701	6580798	2	4	52	1	36	1	0.00
AS104553	697759	6580599	3	7	51	1	65	2	0.01
AS104350	697976	6580601	2	3	51	1	41	1	0.00
AS104325	698446	6579785	3	9	51	1	96	1	0.00
AS104520	698319	6580181	3	6	50	2	69	2	0.00
AS104481	697477	6580204	4	15	50	1	75	1	0.00
AS100142	697770	6579400	3	8	50	1	56	2	0.00
AS104542	697799	6581105	2	4	49	0	32	1	0.01
AS104401	697676	6580602	2	5	49	0	38	1	0.00
AS104404	697752	6580601	2	5	48	1	52	1	0.00
AS104301	699023	6579199	3	6	48	1	61	1	0.00
AS104480	697499	6580201	3	11	48	0	49	1	0.00
AS104528	698201	6580492	3	7	48	1	51	3	0.00
AS104531	697952	6581302	3	8	47	1	93	2	0.00
AS104538	697903	6581106	2	4	47	0	30	1	0.00
AS104430	697973	6579999	3	5	47	1	75	1	0.00
AS104311	698906	6579290	1	2	47	0	31	1	0.00
AS104505	698207	6580001	3	6	47	1	59	1	0.00
AS104324	698426	6579801	2	8	46	2	101	2	0.01
AS104356	697956	6580798	2	3	46	1	44	1	0.00
AS104547	697902	6580697	2	7	45	1	88	1	0.00
AS104368	697807	6580998	2	7	45	1	54	1	0.00
AS104383	697801	6581136	1	3	45	0	36	1	0.00
AS104519	698252	6580200	3	4	44	1	75	1	0.00
AS104551	697738	6580664	2	5	44	1	37	1	0.00
AS104509	698349	6579999	3	5	44	1	50	1	0.00

Appendix 1: Continued

Sample No.	Easting	Northing	BeO	Cs_2O	Li_2O	Nb_2O_5	Rb_2O	SnO_2	Ta_2O_5
	GDA-94	GDA-94	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AS104543	697777	6581106	2	6	43	1	42	1	0.00
AS104369	697794	6581002	2	6	43	1	52	1	0.00
AS104322	698536	6579425	2	4	43	2	75	1	0.00
AS104434	697773	6580183	1	5	43	1	65	1	0.00
AS104374	697997	6580999	2	5	43	1	63	1	0.00
AS104508	698325	6579997	2	5	43	1	45	1	0.00
AS104548	697869	6580703	2	6	42	0	59	1	0.01
AS104515	698150	6580190	2	6	41	0	46	1	0.00
AS104477	697617	6580202	1	8	40	1	30	1	0.00
AS104479	697549	6580200	2	9	38	0	79	1	0.00
AS104541	697814	6581106	1	4	38	1	32	1	0.00
AS104429	698006	6580000	2	5	38	1	62	1	0.00
AS104485	697425	6580400	3	7	37	0	43	1	0.00
AS104308	698673	6579304	2	4	36	1	48	1	0.00
AS104545	698044	6580698	1	3	36	0	37	1	0.00
AS104326	698304	6570827	1	4	34	1	59	1	0.00
AS104516	698121	6580200	2	6	33	0	40	5	0.00
AS104507	698274	6580002	2	3	33	0	26	1	0.00
AS104495	697704	6580194	5	9	33	0	64	2	0.00
AS104403	697727	6580598	2	4	32	0	35	1	0.00
AS104506	698263	6587994	1	2	32	0	20	1	0.00
AS104494	697576	6580402	1	4	28	0	16	0	0.00
AS104518	698223	6578020	2	5	27	2	47	1	0.00

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

Forward Looking Statements

Information included in this release constitutes forward-looking statements. Often, but not always, forward looking statements can generally be identified by the use of forward-looking words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "continue", and "guidance", or other similar words and may include, without limitation, statements regarding plans, strategies and objectives of management, anticipated production or const ruction commencement dates and expected costs or production outputs. Forward looking statements inherently involve known and unknown risks, uncertainties and other factors that may cause the Company's actual results, performance and achievements to differ materially from any future results, performance or achievements.

Relevant factors may include, but are not limited to, changes in commodity prices, foreign exchange fluctuations and general economic conditions, increased costs and demand for production inputs, the speculative nature of exploration and project development, including the risks of obtaining necessary licences and permits and diminishing quantities or grades of reserves, political and social risks, changes to the regulatory framework within which the Company operates or may in the future, environmental conditions including extreme weather conditions, recruitment and retention of personnel, industrial relations issues and litigation.

Forward looking statements are based on the Company and its management's good faith assumptions relating to the financial, market, regulatory and other relevant environments that will exist and affect the Company's business and operations in the future.

The Company does not give any assurance that the assumptions on which forward looking statements are based will prove to be correct, or that the Company's business or operations will not be affected in any material manner by these or other factors not foreseen or foreseeable by the Company or management or beyond the Company's control. Although the Company attempts and has attempted to identify factors that would cause actual actions, events or results to differ materially from those disclosed in forward looking statements, there may be other factors that could cause actual results, performance, achievements or events not to be as anticipated, estimated or intended, and many events are beyond the reasonable control of the Company. Accordingly, readers are cautioned not to place undue reliance on forward looking statements.

Forward looking statements in these materials speak only at the date of issue. Subject to any continuing obligations under applicable law or any relevant stock exchange listing rules, in providing this information the Company does not undertake any obligation to publicly update or revise any of the forward-looking statement s or to advise of any change in events, conditions or circumstances on which any such statement is based. No New Information Except where explicitly stated, this announcement contains references to prior exploration results, all of which have been cross-referenced to previous market announcements made by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements

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.

JORC TABLE 1 Radio Lithium Prospect - E77/2568 - Bullfinch North, WA

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	*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.*	One k ilogram soil samples from the Radio Prospect were collected from the "C" horizon (below organic layer) at a depth ranging from 20cm to 40cm. Soil samples were sieved to -80# (-177*u*m) in Perth to produce approximately 200gm of fines. This is considered to be industry best practice. The screened -80# samples were placed in kraft packets for analysis by Minerals Analysis Pty Ltd (LabWest) in Malaga WA for UltraFine+™ sample preparation and chemical analysis by ICPMS of 62 elements, including lithium and associated elements.
Drilling techniques	*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).*	Enterprise has not undertaken any drilling on the area of the Lithium soil anomalies or interpreted pegmatite occurrences.
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed.* *Measures taken to maximise sample recovery and ensure representative nature of the samples.* *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.*	No drilling was undertaken and no drilling results are reported.
Logging	*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.* *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* *The total length and percentage of the relevant intersections logged.*	No drilling was undertaken. Soil colour was recorded and local lithology was recorded where outcrop or subcrop was observed nearby.
Sub-sampling techniques and sample preparation	*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.*	Sample preparation of Enterprise's samples follows industry best practice at accredited laboratories. Soil samples were sieved to -80# (-177*u*m) in Perth to produce approximately 200gm of fines. This is considered to be industry best practice. The screened -80# samples were placed in kraft packets for analysis by Minerals Analysis Pty Ltd (LabWest) in Malaga WA for UltraFine+™ sample preparation and chemical analysis by ICPMS of 62 elements, including lithium and associated elements. Samples were couriered to LabWest by Enterprise staff.

Quality of assay data and laboratory tests	*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 (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e., lack of bias) and precision have been established.*	The analysis of soil samples by LabWest using the Ultrafine method is considered to be adequate at this early stage of exploration. LabWest uses internal standards and blanks for the analyses reported.
Verification of sampling and assaying	*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.*	No drilling was undertaken and hence no significant intersections, and no twinned holes. Primary analytical data from the LabWest laboratory was reported in ppm.. The data arrived in digital (CSV) format, and was visually screened for major variances. The primary data is stored in Enterprise's proprietary database. For reporting purposes, Enterprise has used standard industry practice of reporting oxides of beryllium, caesium, lithium, niobium, rubidium, tin and tantalum.
Location of data points	*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.*	A handheld GPS Garmin 64's was used to locate the gridlines then locate each sample position, with a nominal +/- 5m horizontal and vertical accuracy,. This is considered to be adequate for Stage 1 grid and infill sampling. All samples were collected in the Universal Transverse Mercator (UTM) Geocentric Datum of Australia 1994 (GDA94) system. (MGA94, Zone 50)
Data spacing and distribution	*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.*	The original 200m grid based soil sampling, with samples at 25m spacing along lines was reconnaissance in nature, and was undertaken to determine if LCT pegmatites were present in the area. No soil samples were collected where obvious ridges or scattered outcrops of amphibolite were encountered. In the infill program, soil samples were collected between the 200m grid lines, where evidence of pegmatite outcrops or subcrops were located. Data spacing was dependent on outcrop and/or subcrop locations and their surrounds. No sample compositing was undertaken.
Orientation of data in relation to geological structure	*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.*	The general stratigraphy is approximately north- south, and the East-West grid lines were placed 200m apart, with sample spacing along line of ~25m where soils existed. The original sampled lines were therefore approximately orthogonal to the stratigraphy and interpreted pegmatite intrusives. The December infill program included some infill lines at 100m spacing, and soil samples where pegmatite subcrop was found between lines.
Sample security	*The measures taken to ensure sample security.*	A geologist supervised the soil sample collection and also sieved the 1kg samples and delivered the -80# packets to the laboratory. The remaining bulk sample has been preserved and a coarse fraction (if one existed) of each sample has also been preserved in chip trays.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	No audits or reviews of sampling techniques have been conducted to date.

Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	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 to Nickgraph Pty Ltd ("Nickgraph") on 21 February 2019. The tenement is in good standing. Enterprise Metals Ltd entered into a two year *Option to Purchase Agreement* with Nickgraph on 25 May 2020 for this tenement and others. The Agreement been extended for a further 2 years to 24 May 2024. Nickgraph has entered into an Alternative Heritage Agreement with the Marlinyu Ghoorlie Native Title Claimant Group (determination application WAD 647/2017). A Heritage Notice was presented to the Native Title Claimant Group and permission to undertake the soil sampling program was approved.
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	There has been no recorded previous exploration for lithium in the area covered by this report.
Geology	*Deposit type, geological setting and style of mineralisation.*	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.
Other substantive exploration data	*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.*	The area of the Bullfinch North project area was flown in 2012 with a detailed (100m line spaced) airborne magnetic and radiometric survey by Thomson Aviation Pty Ltd. The survey is registered with GSWA as "Bullfinch 11061" (Registration 7063, MAGIX ID 3590). The survey was commissioned by Western Areas NL to assist their nickel search. Approximately half the survey covered the Bullfinch Project area.
Further work	*The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	The current 200m line spaced soil sampling program with infill sampling where +60ppm Li results have been achieved is deemed appropriate at this stage of the program. A shallow (~3m deep) Toyota mounted auger sampling program is planned, subject to permission from the Native Title claimants.