# **ASX Announcement**

8 August 2022



# SIGNIFICANT LITHIUM SOIL RESULTS AT TRIGG HILL PROJECT

### **Highlights**

- Soil samples in East Curlew area return strongly anomalous Li, Ta, Sn
- Soil results up to 517ppm Li<sub>2</sub>O, 95ppm Ta<sub>2</sub>O<sub>5</sub> and 922ppm SnO<sub>2</sub>
- Highlights potential of pegmatites not mapped or sampled

Eastern Resources Limited (ASX:**EFE**) ("**Eastern Resources**" or the "**Company**") is pleased to announce recent soil samples from Trigg Hill Lithium-Tantalum Project ("Project") which returned elevated levels of lithium (Li), tantalum (Ta), tin (Sn), caesium (Cs), rubidium (Rb) and niobium (Nb).

The Company conducted an initial soil sampling program in April and May 2022 as a first stage assessment over the Curlew East pegmatite swarm. The soil sampling program comprised 226 samples from an area 1.6km by1.9km.

The western Li +/- Ta, Sn, Cs (LCT) soil anomaly is coincident with recent rock chip samples results (refer to the Company announcement dated 8 July 2022 and Figure 1). A second larger LCT soil anomaly is located further to the east and pegmatites in this area have essentially not been mapped or rock ship sampled.

A third large Sn, Ta, Rb anomaly occurs in the eastern part of the tenement and is related to pegmatite swarms within granite and therefore not a priority target.

There appears to be a strong east to south-easterly trend to the strongest LCT soil anomalism. The initial soil sampling program has been successful in defining areas to focus detailed mapping rock chip sampling.

Executive Director Myles Fang commented:

"We are very pleased with the results from this initial soil sampling program at Trigg Hill. The East Curlew LCT pegmatite swarm appears to be much larger than originally anticipated with strong geochemistry over a large area. The proposed initial drill program will provide information on pegmatite density, orientation and mineralogy."

#### **Next Steps**

A 2,000m RC drilling program has been planned, with additional mapping programs also planned to expand on the initial soil program in the coming months.



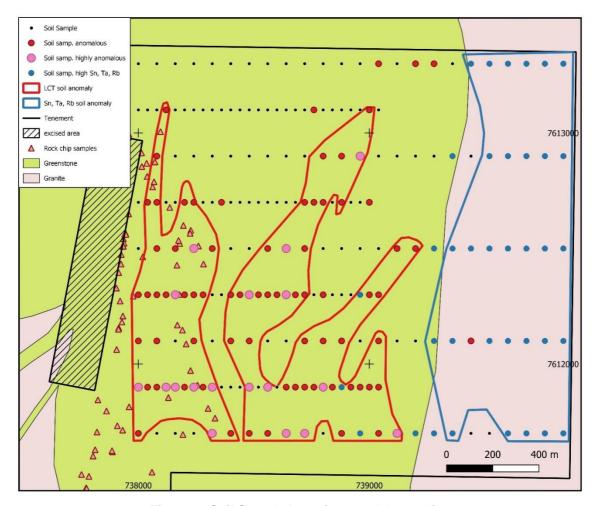


Figure 1: Soil Sample Locations and Anomalies

#### **Trigg Hill Lithium-Tantalum Project**

The Trigg Hill Lithium-Tantalum Project is located in East Pilbara, Western Australia, approximately 75km SE of Pilbara Minerals Ltd's Pilgangoora Lithium mine.

The Trigg Hill mine is an old tantalum and tin mine operated during the 1960s and early 1980s. A Significant number of pegmatite outcrops were mapped over an area of 3km strike by up to 1.2km in the Project, including the East Curlew Lithium-caesium-tantalum ("LCT") pegmatite, which extends for at least 1,800m.

The Company executed a binding Heads of Agreement to acquire 100% interest in the Trigg Hill Project (refer ASX Announcement 4 August 2021).



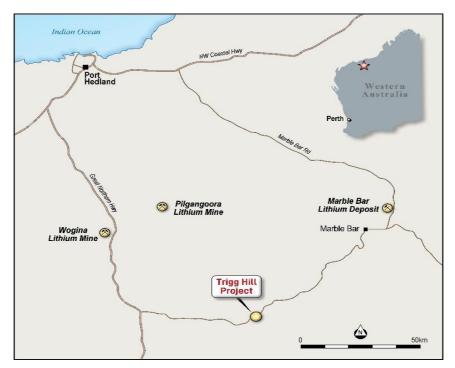


Figure 2: Location of Trigg Hill Project

#### **COMPETENT PERSONS STATEMENT**

The information in this release that relates to Exploration Results is based on and fairly represents information and supporting documents complied by Mr Mark Calderwood, consultant to the Company.

Mr. Calderwood is a Member of The Australasian Institute of Mining and Metallurgy. Mr. Calderwood has sufficient relevant experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person within the definition of the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves ("JORC Code).

Mr Calderwood consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

#### FORWARD LOOKING STATEMENTS

This announcement includes certain "forward-looking statements". All statements, other than statements of historical fact, are forward looking statements that involve risks and uncertainties. There can be no assurances that such statements will prove accurate, and actual results and future events could differ materially from those anticipated in such statements. Such information contained herein represents management's best judgement as of the date hereof based on information currently available. The Company does not assume any obligation to update forward looking statements. Any forward-looking statements in this announcement speak only at the date of issue of this announcement. Subject to any continuing obligations under applicable law and the ASX Listing Rules, the Company, its directors, officers, employees and agents do not give any assurance or guarantee that the occurrence of the events referred to in this announcement will occur as contemplated.



#### **INVESTOR INFORMATION**

Further information, previous Company announcements and exploration updates are available at the Investors tab on the Company's website — www.easternresources.com.au

This announcement has been authorised for release by the Board of the Company.

#### Eastern Resources Limited

Myles Fang
Executive Director

#### **ASX: EFE**

For enquiries on your shareholding or change of address please contact: Boardroom Limited GPO Box 3993, Sydney NSW 2001 Phone: (02) 9290 9600



# Appendix A: Soil Sample Locations and Assay Results.

CamplaID	NAC A mali	NACAmE	Anomalaus	1:20	Talor	CnO2	Co	Nh	Dh	V
SampleID 5258161	MGAmN 7613300	738000	Anomalous	Li20	Ta2O5	SnO2	Cs 8	Nb	Rb 32	Y 19
				151	<1	<1	9	<5 5	40	
5258162 5258163	7613300 7613300	738080 738160		86 86	2	3	6	<5	39	30 28
5258164	7613300	738100		86	<1	3	11	5	51	40
5258165	7613300	738320		86	<1	1	9	<5	37	22
5258166				129	<1	3	9	10	55	41
5258167	7613300	738400 738480		108	1	3	14	5	70	32
5258168	7613300 7613300	738560		129	<1	4	7	<5	69	13
5258169	7613300	738640		108	1	3	16	10	73	31
5258170	7613300	738720		151	<1	5	8	10	41	35
5258170	7613300	738800		108	1	1	12	5	63	32
5258171	7613300	738880		129	1	5	10	5	56	31
5258173	7613300	738960		194	6	4	10	5	56	34
5258174	7613300	739040	Li	344	5	5	13	10	94	36
5258174	7613300	739040		172	10	9	8	50	134	90
			Nb, Y Li			8	5			
5258176	7613300	739200		409	4 6	9		15	59	32
5258177	7613300	739280	Li	323		6	11	20	129	53
5258178	7613300	739360	C <sub>m</sub>	129	2		8	10	194	27
5258179	7613300	739440	Sn Sn	237 194	7 9	118 133	13	15 15	241	42 44
5258180 5258181	7613300	739520				315	10		242	
	7613300	739600	Ta, Sn+, Rb	108	15		10 6	20	314	59
5258182	7613300	739680	Sn+, Ta	108	12	312	7	15	197	36
5258183	7613300	739760	Sn	86	5	27		15	215	36
5258184	7613300	739840	Sn	108	5 7	51	7	10	227	24
5258186	7612900	739840	Sn To Sn Dh	129		95	11	15	188	35
5258187	7612900	739760	Ta, Sn, Rb	215	21	63	14	30	326	53
5258188	7612900	739680	Ta, Sn+, Rb	151	38	201	10	20	263	54
5258189 5258190	7612900 7612900	739600 739520	Sn Sn	194 129	9 11	28 126	11 10	15 15	218 207	41 42
5258191	7612900	739440	311	237	4	9	12	15	217	40
5258191	7612900	739360		108	5	8	14	10	225	32
5258193	7612900	739280	Cs	86	4	6	19	10	104	25
5258194	7612900	739200	CS	65	1	4	6	5	87	18
5258195	7612900	739200		172	5	4	11	15	133	28
5258196	7612900	739120		129	2	3	12	5	168	19
			li Cc			5				
5258197	7612900	738960	Li, Cs	323	5	3	21	15	170	53
5258198	7612900	738880	Cn.	258	2		9	5 15	74	31
5258199	7612900 7612900	738800	Sn	258 194	2	19 4	16 8	15	133 55	49
5258200		738720						10		31
5258201	7612900	738640		129	<1	4	6	5 5	52 66	22
5258202	7612900	738560		129	1	3	11		66	29
5258203	7612900	738480		151	1	4	13	10	66	37
5258204	7612900	738400		194	<1	3	9	<5 <5	48	32
5258205	7612900	738320		129	<1	3	5	<5 <5	45	25
5258206	7612900	738240		172	<1	4	8	<5 <5	34	34
5258207	7612900	738160	Li	194	<1	3	4	<5 <5	40	21
5258208	7612900	738080	Li	280	5	6	10	<5	81	26
5258209	7613100	738000		215	1	4	10	<5	56	20
5258210	7613100	738040		194	<1	3	7	<5	38	23



5258211	7613100	738080	Та	108	15	5	14	10	73	22
5258211	7613100	738120	Ta, Sn	172	17	14	12	5	52	30
5258213	7613100	738160	14, 511	172	1	3	8	5	37	31
5258214	7613100	738200		151	1	3	8	<5	43	28
5258215	7613100	738240		108	2	3	9	<5	53	29
5258216	7613100	738280		151	1	4	8	5	59	38
5258217	7613100	738320		151	1	3	11	10	60	39
5258218	7613100	738360		151	<1	5	9	5	53	34
5258219	7613100	738400		151	1	3	11	5	73	26
5258220	7613100	738440		215	2	4	12	10	81	41
5258221	7613100	738480		129	6	<1	10	10	77	35
5258222	7613100	738520		151	<1	1	14	5	66	31
5258223	7613100	738560		194	<1	<1	13	<5	70	24
5258224	7613100	738600		194	<1	1	11	<5	78	22
5258225	7613100	738640		151	<1	<1	5	<5	33	26
5258226	7613100	738680		215	<1	3	9	5	55	39
5258227	7613100	738720		108	1	1	7	10	73	30
5258228	7613100	738760	Cs	237	2	4	24	5	109	35
5258229	7613100	738800		237	1	4	15	10	65	35
5258230	7613100	738840		151	2	4	11	10	60	35
5258231	7613100	738880		194	<1	3	12	10	70	41
5258232	7613100	738920		237	5	6	16	10	117	44
5258233	7613100	738960		215	10	6	12	20	104	45
5258234	7613100	739000	Li	323	11	9	12	10	97	48
5258235	7613100	739040		237	2	5	17	15	250	27
5258236	7612700	739000	Li	280	5	4	12	10	129	31
5258237	7612700	738960		215	2	3	9	10	68	32
5258238	7612700	738920		194	5	5	6	10	52	38
5258239	7612700	738880		258	4	4	16	10	79	42
5258240	7612700	738840		215	2	4	6	10	52	36
5258241	7612700	738800	Li	280	2	4	13	5	70	32
5258242	7612700	738760	Ta, Cs	258	13	6	24	15	138	39
5258243	7612700	738720	Cs	258	12	5	31	15	158	29
5258244	7612700	738680		215	5	4	17	10	107	39
5258245	7612700	738640	Cs	172	2	4	19	10	71	39
5258246	7612700	738600		172	2	<1	14	5	62	35
5258247	7612700	738560		172	4	3	9	10	65	39
5258248	7612700	738520		151	2	<1	9	<5	50	26
5258249	7612700	738480		129	<1	1	6	5	39	32
5258250	7612700	738440		151	<1	3	7	5	30	40
5258251	7612700	738400		129	6	1	5	5	48	25
5258252	7612700	738360		258	12	6	6	<5	76	35
5258253	7612700	738320		215	4	1	3	<5	29	25
5258254	7612700	738280	Та	215	17	5	8	<5	75	31
5258255	7612700	738240	Та	194	23	9	7	<5	71	35
5258256	7612700	738200	Та	194	23	10	5	<5	61	20
5258257	7612700	738160	Та	194	13	8	5	<5	57	27
5258258	7612700	738120		237	1	3	9	5	61	26
5258259	7612700	738080		258	4	1	8	<5	57	31
5258260	7612700	738040	Sn, Li	323	5	24	17	<5	81	28
5258261	7612700	738000		237	1	5	8	5	48	32
5258263	7612500	738000		237	<1	1	8	5	71	27



5258264	7612500	738080	Li	517	1	1	12	5	59	27
5258265	7612500	738160	Li	409	9	3	14	10	92	24
5258266	7612500	738240	Li, Ta	280	21	8	11	15	81	43
5258267	7612500	738320	Ta+, Sn	237	49	65	10	15	75	39
5258268	7612500	738400	,	194	<1	5	11	10	51	29
5258269	7612500	738480		172	4	8	12	15	36	43
5258270	7612500	738560	Li	366	2	5	17	10	100	34
5258271	7612500	738640	Li, Ta, Cs	323	12	8	21	15	140	48
5258272	7612500	738720	Li	301	1	3	17	10	90	37
5258273	7612500	738800		172	<1	3	8	10	68	36
5258274	7612500	738880		151	2	10	6	10	39	30
5258275	7612500	738960		215	2	3	8	10	90	36
5258276	7612500	739040		194	10	8	15	20	173	28
5258277	7612100	739040	Li	301	7	11	14	20	174	58
5258278	7612100	738960	Cs	215	5	9	19	10	241	24
5258279	7612100	738880	Li	280	5	6	16	15	133	33
5258280	7612100	738800	Li, Cs	301	2	4	18	10	79	31
5258281	7612100	738720	,	258	<1	3	13	10	73	29
5258282	7612100	738640		237	2	4	10	5	69	25
5258283	7612100	738560		215	<1	<1	7	5	64	25
5258284	7612100	738480	Li	301	2	3	11	5	78	46
5258285	7612100	738400	Li	301	2	10	13	10	74	32
5258286	7612100	738320	Sn	194	5	22	7	5	48	30
5258287	7612100	738240	Та	237	21	4	13	40	79	24
5258288	7612100	738160		215	1	3	5	5	29	26
5258289	7612100	738080	Li	280	4	5	9	10	78	30
5258290	7612100	738000	Li	301	7	6	10	15	67	38
5258291	7612300	738000		258	4	4	11	15	130	40
5258292	7612300	738040	Li	344	6	4	12	15	123	42
5258293	7612300	738080		258	7	9	9	15	74	34
5258294	7612300	738120	Li	280	5	4	6	10	43	31
5258295	7612300	738160	Li, Ta	301	16	9	7	10	74	32
5258296	7612300	738200	Li	388	2	11	8	10	69	30
5258297	7612300	738240	Li	344	<1	<1	5	5	48	25
5258298	7612300	738280	Li	301	<1	1	5	5	51	26
5258299	7612300	738320		215	<1	<1	9	5	36	29
5258300	7612300	738360		194	<1	<1	7	<5	44	23
5258301	7612300	738400	Li	280	<1	<1	14	5	55	29
5258302	7612300	738440	Li	280	6	6	8	10	71	36
5258303	7612300	738480	Li, Sn+, Ta	323	13	15	13	10	162	55
5258304	7612300	738520	Li, Cs	366	11	11	19	15	120	57
5258305	7612300	738560	Li	388	7	6	11	10	116	47
5258306	7612300	738600	Li	280	9	8	7	10	86	44
5258307	7612300	738640	Li, Cs, Ta	409	13	3	22	10	112	29
5258308	7612300	738680	Li	323	2	3	15	10	77	34
5258309	7612300	738720	Li	301	4	4	12	10	69	34
5258310	7612300	738760		215	<1	4	10	10	61	41
5258311	7612300	738800		258	4	4	15	10	90	43
5258312	7612300	738840		237	5	3	14	10	78	42
5258313	7612300	738880		194	<1	<1	9	10	51	25
5258314	7612300	738920		237	5	6	14	10	130	39
5258315	7612300	738960	Sn, Cs, Rb	172	7	24	19	15	259	37
3230313	7012300	730300	311, C3, IND	1/2		۷4	13	10	233	57



5258316	7612300	739000	Li, Cs	431	1	6	12	10	90	30
5258317	7612300	739040	Li	431	4	6	13	15	95	31
5258317	7611900	739040	LI	258	2	9	8	15	166	33
5258319	7611900	739040		258	7	6	13	25	219	49
5258321	7611900	738960	Li	323	6	4	14	15	177	30
5258321		738900	Li	301		3	13	10	175	26
	7611900			301	9	17	20	20		62
5258323	7611900	738880	Li, Cs, Y						239	
5258324	7611900	738840	Sn, Li	301	4	27	12	15	100	37
5258325	7611900	738800	Li, Cs	388	10	5	26	10	137	56
5258326	7611900	738760	Cs	237	2	4	32	10	120	31
5258327	7611900	738720	Li, Cs	344	4	3 5	18	15	104	49
5258328	7611900	738680	Li	366	7		14	15	122	57
5258329	7611900	738640	Li	366	1	<1	15	10	68	24
5258330	7611900	738600	11. 6-	194	12	15	12	10	103	24
5258331	7611900	738560	Li, Cs	301	2	4	20	5	118	33
5258332	7611900	738520	1· =	151	2	3	3	5	22	21
5258333	7611900	738480	Li, Ta	344	24	17	17	10	101	48
5258334	7611900	738440		237	<1	1	13	5	60	29
5258335	7611900	738400		194	2	4	10	10	53	31
5258336	7611900	738360	11 T C . C V D	215	4	1	11	10	50	33
5258337	7611900	738320	Li, Ta, Sn+, Cs, Y, Rb	474	31	142	30	15	293	71
5258338	7611900	738280	Li	366	9	9	12	15	61	31
5258339	7611900	738240	Li, Ta	323	39	6	15	25	127	40
5258340	7611900	738200	Li	344	7	4	13	15	73	46
5258341	7611900	738160	Li, Ta, Cs	323	20	6	23	25	127	49
5258342	7611900	738120	Li, Ta	366	17	3	15	20	64	38
5258343	7611900	738080	Li	280	2	3	11	10	58	41
5258344	7611900	738040	Li	388	4	5	15	15	68	45
5258345	7611900	738000	Li, Ta, Sn, Cs	280	22	13	25	15	192	45
5258346	7611700	738000	Li	280	2	3	17	10	63	38
5258347	7611700	738080		237	2	6	11	10	52	42
5258348	7611700	738160		215	2	5	12	10	66	31
5258349	7611700	738240		194	<1	<1	6	5	31	30
5258350	7611700	738320	Li, Cs	366	<1	3	24	5	103	27
5258351	7611700	738400		258	<1	<1	12	5	61	29
5258352	7611700	738480	Li 	301	6	6	14	10	83	33
5258353	7611700	738560	Li	301	<1	<1	16	5	77	29
5258354	7611700	738640	Li, Cs	301	2	3	22	10	115	28
5258355	7611700	738720	Li, Ta, Sn, Cs, Y	409	20	37	37	20	202	89
5258356	7611700	738800	1:	194	7	17	15	15	187	53
5258357	7611700	738880	Li	366	6	3	14	15	162	27
5258358	7611700	738960	Sn	194	4	27	11	10	185	26
5258359	7611700	739040	Li	301	1	1	9	15	98	38
5258360	7612100	739840	Ta, Sn, Rb	108	15	126	9	20	266	32
5258362	7612100	739760	Sn, Rb	172	9	25	11	35	383	45
5258363	7612100	739680	Sn Ta Nila	129	7	52	6	20	214	34
5258364	7612100	739600	Ta, Nb	129	27	11	8	165	226	58
5258365	7612100	739520	All C T	129	6	8	7	20	256	26
5258366	7612100	739440	Nb, Sn, Ta	151	12	17	9	65	102	39
5258367	7612100	739360	Sn, Ta, Y	108	12	119	8	25	235	60
5258368	7612100	739280		108	6	8	7	40	238	36
5258369	7612100	739200		86	4	9	6	15	128	30



5258370	7612100	739120	Cs	194	4	13	19	25	150	33
5258371	7612500	739120		258	1	4	14	10	117	29
5258372	7612500	739200		258	4	10	11	25	178	37
5258373	7612500	739280		129	4	8	9	15	224	33
5258374	7612500	739360	Sn	172	7	29	9	35	233	37
5258375	7612500	739440	Sn, Rb	215	11	113	15	20	297	53
5258376	7612500	739520	Sn, Rb	237	9	32	15	25	282	39
5258377	7612500	739600	Ta+, Sn+, Y, Rb	172	95	922	14	25	257	65
5258378	7612500	739680	Sn, Rb	172	10	33	12	30	268	31
5258379	7612500	739760	Sn, Rb	129	11	65	9	15	258	28
5258380	7612500	739840	Sn, Rb	86	5	36	8	20	268	17
5258381	7611700	739120	Li, Cs	323	6	10	27	20	154	36
5258382	7611700	739200		129	11	8	9	25	267	58
5258383	7611700	739280		86	5	8	8	20	245	38
5258384	7611700	739360	Sn, Ta, Rb	86	12	58	9	25	286	46
5258385	7611700	739440		129	7	10	16	15	199	32
5258386	7611700	739520		151	6	4	10	20	126	38
5258387	7611700	739600	Sn	151	4	34	7	20	217	40
5258388	7611700	739680	Sn, Rb	129	6	36	12	30	357	49
5258389	7611700	739760	Sn, Rb	151	9	25	10	20	399	38
5258390	7611700	739840	Sn, Ta, Rb	129	12	22	13	30	384	45



# **Appendix B JORC Code Table 1 for Exploration Results**

## **Section 1 Sampling Techniques and Data**

Criteria	JORC Code Explanation	Commentary
Sampling	Nature and quality of sampling (e.g. cut	Samples reported are soil samples.
techniques	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.	Samples were typically <1kg of minus 2mm soils.  The sampling was undertaken to industry standard. Duplicate samples were collected at a rate of about 1:25
	Include reference to measures taken to ensure sample representativity 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.	
Drilling techniques	Drill type (e.g. core, reverse circulation, openhole 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.).	Not applicable – no drilling results reported
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	Not applicable – no drilling results reported
	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.	
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.	Not applicable – no drilling results reported
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography	



Criteria	JORC Code Explanation	Commentary
	The total length and percentage of the relevant intersections logged.	
Sub- sampling techniques and sample preparation	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 subsampling stages to maximise representivity of samples.  Measures taken to ensure that the sampling is representative of the in situ material collected,	Samples prepared at Nagrom were dried and crushed to a top size of 6.3mm. Crushed samples were split to <2.5kg and the subsplit was pulverised to 80% passing 75 microns. 1:20 samples were split to produce a duplicate for QAQC purposes.  The preparation methods are appropriate for the sampling method.
	including for instance results for field duplicate/second-half sampling.	
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 (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	At Nagrom, prepared samples were fused with sodium peroxide and digested in dilute hydrochloric acid. The resultant solution was analysed by ICP (lab code ICP004_MS) for Li, Cs, Nb, Rb, Sn, Ta, Y.  The sodium peroxide fusion – hydrochloric digest method offers total dissolution of the sample and us useful for LCT mineral matrices that may resist acid digestions  Industry, normal practice, QAQC procedures were followed the laboratories
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.	Not applicable – no drilling results reported
	Discuss any adjustment to assay data.	



Criteria	JORC Code Explanation	Commentary
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 was used for sample locations and co-ordinates are considered accurate to within 4m  Grid system is GDA94 MGA 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.	Not applicable
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.	Not applicable
Sample security	The measures taken to ensure sample security.	Not applicable
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	Not applicable



## **Section 2 Reporting of Exploration Results**

Criteria	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.	Exploration licence 45/5728 is located 78km WSW of Marble Bar in the Pilbara in the name of Amery Holdings Pty Ltd. The Company has entered into an agreement pursuant to which it has the option to purchase 100% legal and beneficial ownership of the foregoing tenement, subject to satisfying a cash payment and granting a 1.5% net revenue royalty payable to the vendor. Following completion, the Company will assume responsibility for the payment of the State Government royalty.
		On approval, the Company will be required to maintain the exploration licence application in good standing.  The Licence application is subject to a registered native titled claim in the name of Nyamal (WC1999/008). Accordingly, access agreements have been completed.  Several infrastructure miscellaneous licences held by Atlas Iron partially overlap the licence area, an access agreement has been signed between Atlas Iron and Amery Holdings.  The licence application partially overlies a reserve for a potential rail line (FNA11568).
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	This report refers to prior exploration results previously announced on ASX on 5 May 2022 'Extensive LCT Pegmatites at Trigg Hill' and 4 August 2021 'Option to Acquire Trigg Hill Project'
Geology	Deposit type, geological setting and style of mineralisation.	The geology of the project is largely rafts of amphibolitic and chloritic schists after basalts and dolerites, with some schistose metaperidotites, meta-dunnites and komatiitic metabasalts, between variably gneissic
		granitoid units of monzogranite, granite, granodiorite and tonalite. Siliceous metasediment units and greisen are also mapped on the property.  Pegmatite dykes related to the various granitic plutons have been intruded into the greenstone sequences and occur in swarms. These are variably fractionated and several have been located that fall at the end of the fractionation sequence in the Lithium-Tantalum-Caesium (LCT) category.
Drill hole Information	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:	granitoid units of monzogranite, granite, granodiorite and tonalite. Siliceous metasediment units and greisen are also mapped on the property.  Pegmatite dykes related to the various granitic plutons have been intruded into the greenstone sequences and occur in swarms. These are variably fractionated and several have been located that fall at the end of the fractionation sequence in the Lithium-



Criteria	Explanation	Commentary
	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.	
Data aggregation methods	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.	Assays (except copper) reported as common oxides using the following conversion factors:  Li to Li2O = 2.153  Ta to Ta2O5 = 1.221
	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.	Sn to SnO2 = 1.27
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	
Relationship between	These relationships are particularly important in the reporting of Exploration Results.	Not applicable – no drilling results reported
mineralisa- tion widths and intercept lengths	If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported	
, and the second	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').	
Diagrams	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.	Figure 1 shows locations for soil samples.
Balanced reporting	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	All relevant information has been included or referenced. All samples from Curlew and Trigg hill pegmatites for which were assays reported are included in Table 1



Criteria	Explanation	Commentary
	Results.	
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.	All relevant and material exploration data for the target areas discussed, has been reported.
Further work	The nature and scale of planned further work (e.g. 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.	Eastern Iron Limited is planning to undertake mapping and sampling within the area followed by drilling