30 August 2022

Further Lithium-Bearing Pegmatites Confirmed by Mapping and Geochemistry at the Yalgoo Project

Australian battery minerals explorer, Firetail Resources Limited (**Firetail** or **the Company**) (ASX: FTL) is pleased to provide an update on exploration activities at its Yalgoo Lithium Project (Yalgoo) in Western Australia, where a second campaign of mapping and rock chip sampling has been successful in further extending the footprint of lithium-bearing pegmatites.

The Company is highly encouraged by this geological evidence and is excited to soon be embarking upon its maiden drilling campaign, in what will be the first ever drilling designed to test the potential of pegmatite-hosted Lithium-Caesium-Tantalum (LCT) mineralisation at the project.

Highlights:

- **Second mapping campaign confirms and extends lithium bearing pegmatite footprint at Yalgoo Project, following the success of an initial mapping program undertaken in May 2022[1]**
- **Anomalous Lithium-Caesium-Tantalum (LCT) assays of up to 1,309ppm Li2O (FFR26360), 398ppm Cs (FFR26184) and 253ppm Ta (FFR26384), respectively, returned from rock chip samples, providing further confidence in the potential of the Yalgoo Project area to host significant LCT mineralisation**
- **Maiden drilling campaign targeting LCT mineralisation at Yalgoo scheduled to commence in late September, following completion of a Heritage Survey**
- **Further exploration targets being generated from regional datasets at the expansive Yalgoo and Dalgaranga Lithium Projects**

Executive Chairman, Brett Grosvenor, commented:

*"Work to date indicates that we are onto something really exciting at Yalgoo. The team is building geological datasets that continue to point in the direction of a potentially large-scale lithium-caesium-tantalum (**LCT**) bearing pegmatite system.*

"We are now well positioned to proceed with our maiden drilling campaign at Yalgoo, with POW approvals in place, and a Heritage Survey booked in the coming fortnight, we are anticipating commencement of drilling in the coming 4-6 weeks.

"We find ourselves in an enviable position, to be exploring a very large, well-located land package, highly prospective for pegmatite hosted LCT mineralisation, which until now has never been systematically explored."

[1] Refer to ASX announcement dated 8 August 2022

EXAMPLE OF MAPPED PEGMATITE OUTCROP AT THE YALGOO PROJECT

Yalgoo Mapping Interpretation & Results

The latest campaign has extended detailed field mapping to an area of approximately 2.5km by 2.0km and has been successful in identifying pegmatite and quartz bearing veins surrounding several known lithium occurrences. Assay results from rock chip samples have highlighted two new areas prospective for lithium mineralisation, with several anomalous results returned for Lithium, Caesium and Tantalum (LCT).

Strong LCT mineralisation in rock chip samples corresponds with very coarse-grained pegmatites with predominantly quartz-feldspar-muscovite mineralogy as observed in mapping.

A total of 231 rock chip samples of various rock types were collected, predominantly pegmatite and quartz bearing veins, with some samples also taken from granitoid material. The latest multi-element geochemical rock chip assay data have been sent to a consulting geochemist and the Company awaits interpretation of their results with respect to lithium prospectivity.

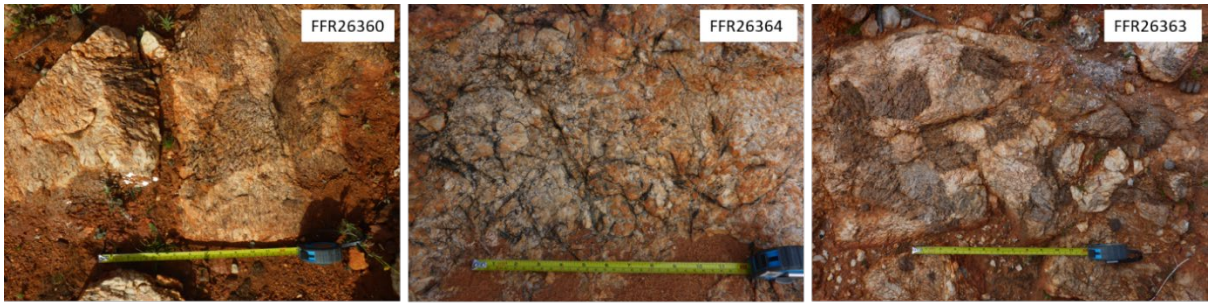
The mapped amphibolites, banded iron formation and granitoid dykes indicate metamorphism of up to middle amphibolite facies. The main penetrative fabric is related to a broadly NNW-SSE oriented relatively high strain corridor focused along a greenstone granitoid contact that transects regional folds, cross cuts regional lithostratigraphic trends and likely extends along strike for many kilometres across the Yalgoo Singleton greenstone belt.

Granitoid dykes are likely to be linked to regional granitic (TTG) magmatism, with the pervasive development of the penetrative main fabric indicating their emplacement was during regional progressive deformation.

The broadly N-S trending pegmatite veins and dykes approximate the trend of the much weaker N-S trending spaced fabric, and also the axial plane of regional folds. Pegmatite contacts are observed to cross cut the penetrative main fabric, supporting the relatively late timing of pegmatite emplacement, along with the presence of foliated greenstone rafts within some pegmatite dykes.

The duplex like geometry of pegmatite vein splays that link more strike extensive pegmatite dykes implies that sinistral wrenching along the regional NNW-SSE trend may have influenced pegmatite emplacement. Larger pegmatitic bodies appear less influenced by the underlying structural trends and fabrics, with many of these bodies cutting both structural fabrics at a high angle. These larger pegmatitic bodies are interpreted as blow outs related to structural intersections.

Interestingly, three of the five lithium shows (occurrences) previously identified from mapping are located within two of the relatively large pegmatitic bodies, which is of significance for exploration targeting purposes and may also represent an economic benefit for any potential mining scenario.



Rosettes of mica and quartz, quartz rich zoning, coarse cm-scale micaceous aggregates.

Quartz-Feldspar, minor muscovite

Quartz-Feldspar-Muscovite

PLATE 1: EXAMPLES OF OUTCROPPING PEGMATITES AND QUARTZ VEINS WITH ANOMALOUS LITHIUM, CAESIUM, AND TANTALUM

Next Steps

The Company is excited to soon be embarking upon a maiden drilling campaign at the Yalgoo Project, testing for the presence of LCT mineralisation, as confirmed by multiple campaigns of mapping and surface geochemical sampling.

Next steps and activities planned for the Yalgoo Project include:

- Heritage Survey- scheduled for mid-September
- Earthmoving for drilling access- scheduled for mid-late September
- Maiden 2000m RC Drilling Campaign- scheduled for late September- early October
- Geochemical Interpretation:
    - rock chip results from latest mapping campaign - geochemical Interpretation for lithium prospectivity
    - soil sample (assay results pending)- once results received, to be sent to consulting geochemist for interpretation
- Target Generation- review results from geochemistry and first pass drilling to determine and rank high-priority targets, and plan follow-up work programs

The Company looks forward to providing further updates on exploration activities across its projects as further information and developments are to hand.

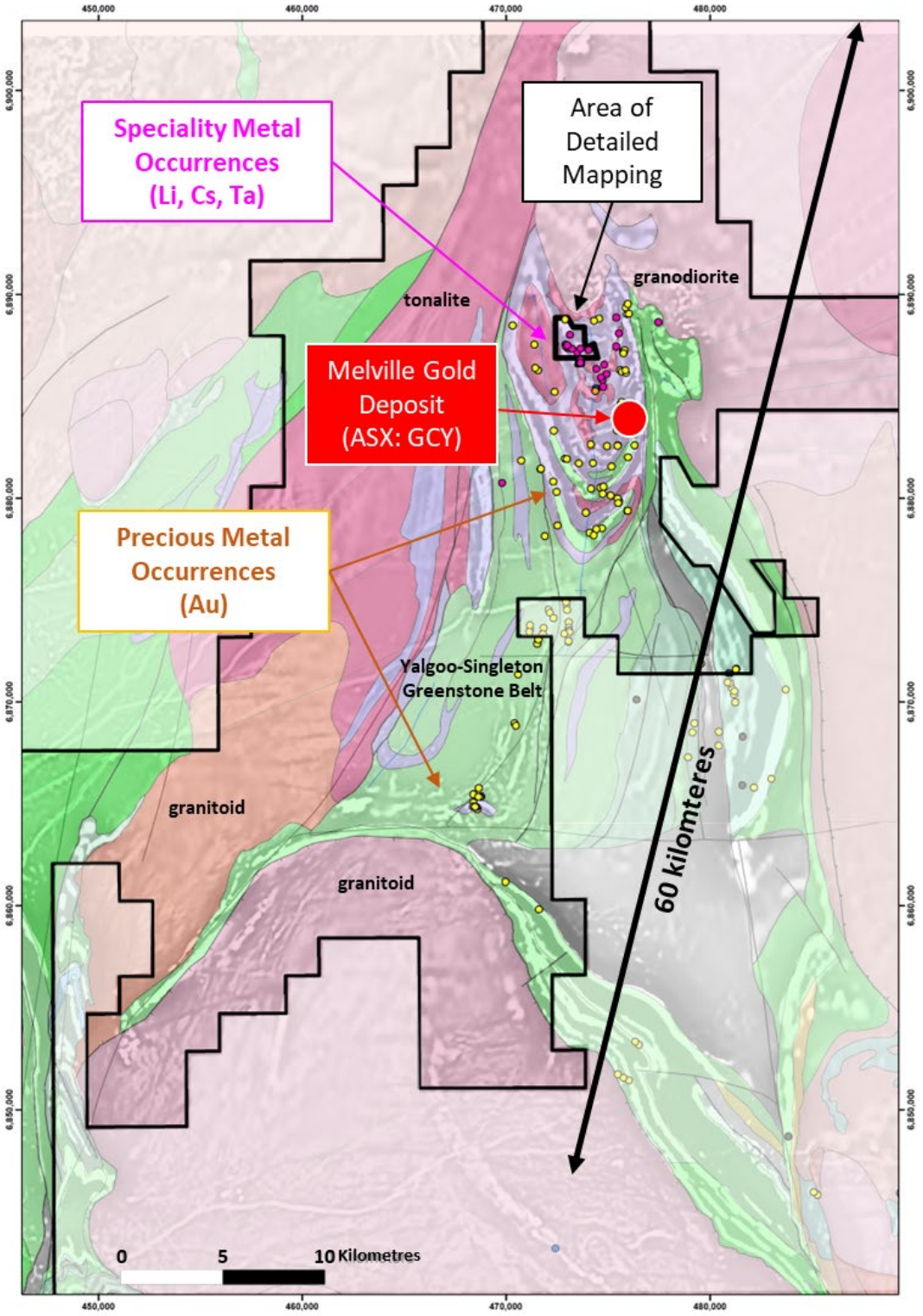


FIGURE 1. YALGOO PROJECT DISPLAYING FIRETAIL'S TENURE, REGIONAL MAGNETICS, GEOLOGY AND MINERAL OCCURRENCES IN RELATION TO THE AREA OF DETAILED MAPPING COMPLETED BY FIRETAIL TO DATE

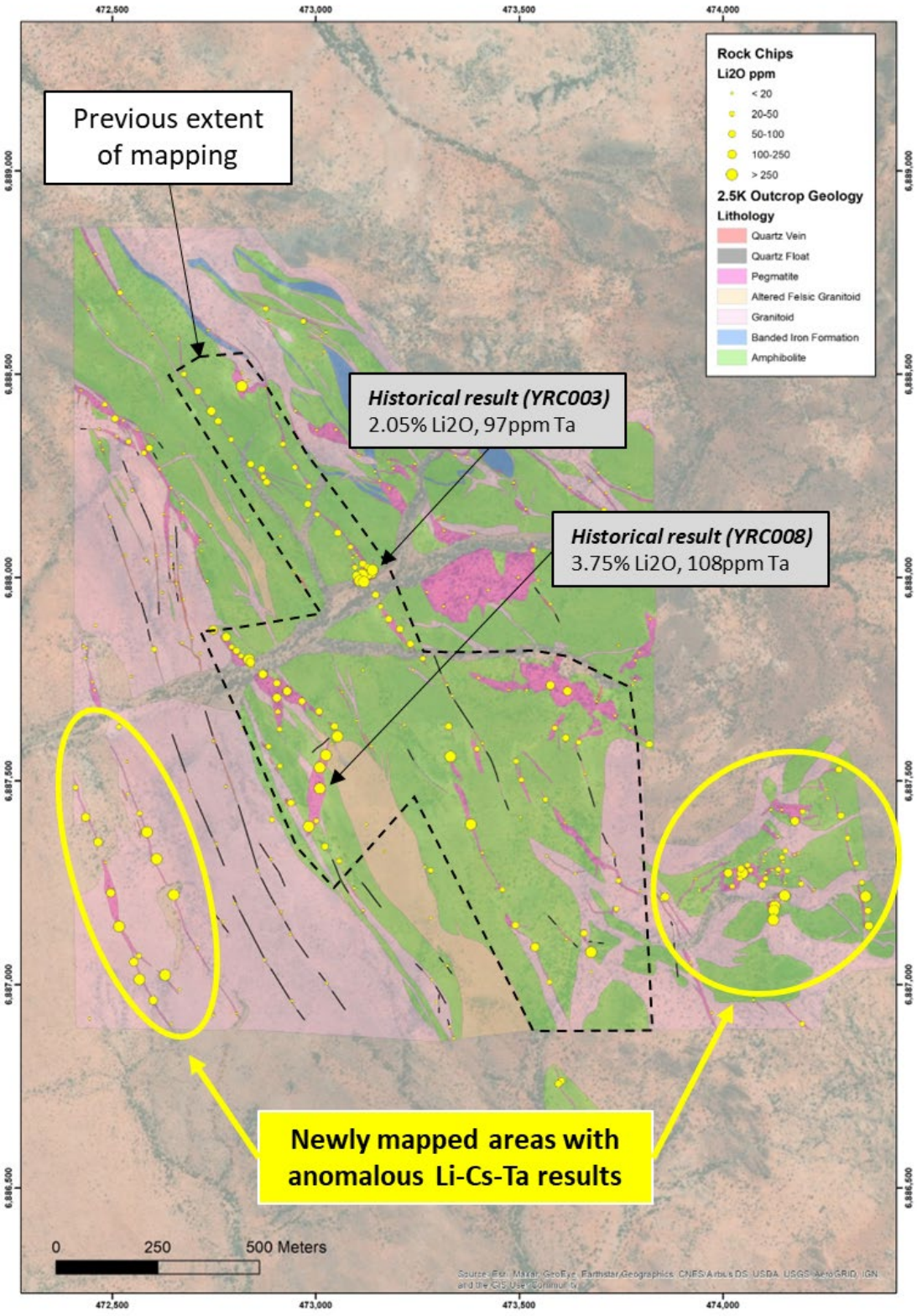


FIGURE 2. YALGOO PROJECT DISPLAYING DETAILED MAPPING AND LI2O ROCK CHIPS RESULTS IN RELATION TO KNOWN LITHIUM SHOWS AND HISTORIC ROCK CHIP RESULTS

This announcement has been authorised for release on ASX by the Company's Board of Directors.

For more information contact:

Brett Grosvenor
Executive Chairman
Firetail Resources Limited
+61 8 9322 2338
info@firetailresources.com.au
www.firetailresources.com.au

Media or broker enquiries:

Fiona Marshall
Senior Communications Advisor
White Noise Communications
+61 400 512 109
fiona@whitenoisecomms.com

Exploration Results

The information in this announcement that relates to exploration activities is based on information compiled and fairly represented by Ms Melanie Leighton, who is a Member of the Australasian Institute of Geologists (MAIG). Ms Leighton has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity which she has 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". Ms Leighton prvides geological consulting services to Firetail Resources and consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

Forward-looking statements

This announcement may contain certain "forward-looking statements". Forward looking statements can generally be identified by the use of forward-looking words such as, "expect", "should", "could", "may", "predict", "plan", "will", "believe", "forecast", "estimate", "target" and other similar expressions. Indications of, and guidance on, future earnings and financial position and performance are also forward-looking statements. Forward-looking statements, opinions and estimates provided in this presentation are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Forward-looking statements including projections, guidance on future earnings and estimates are provided as a general guide only and should not be relied upon as an indication or guarantee of future performance.

Compliance Statement

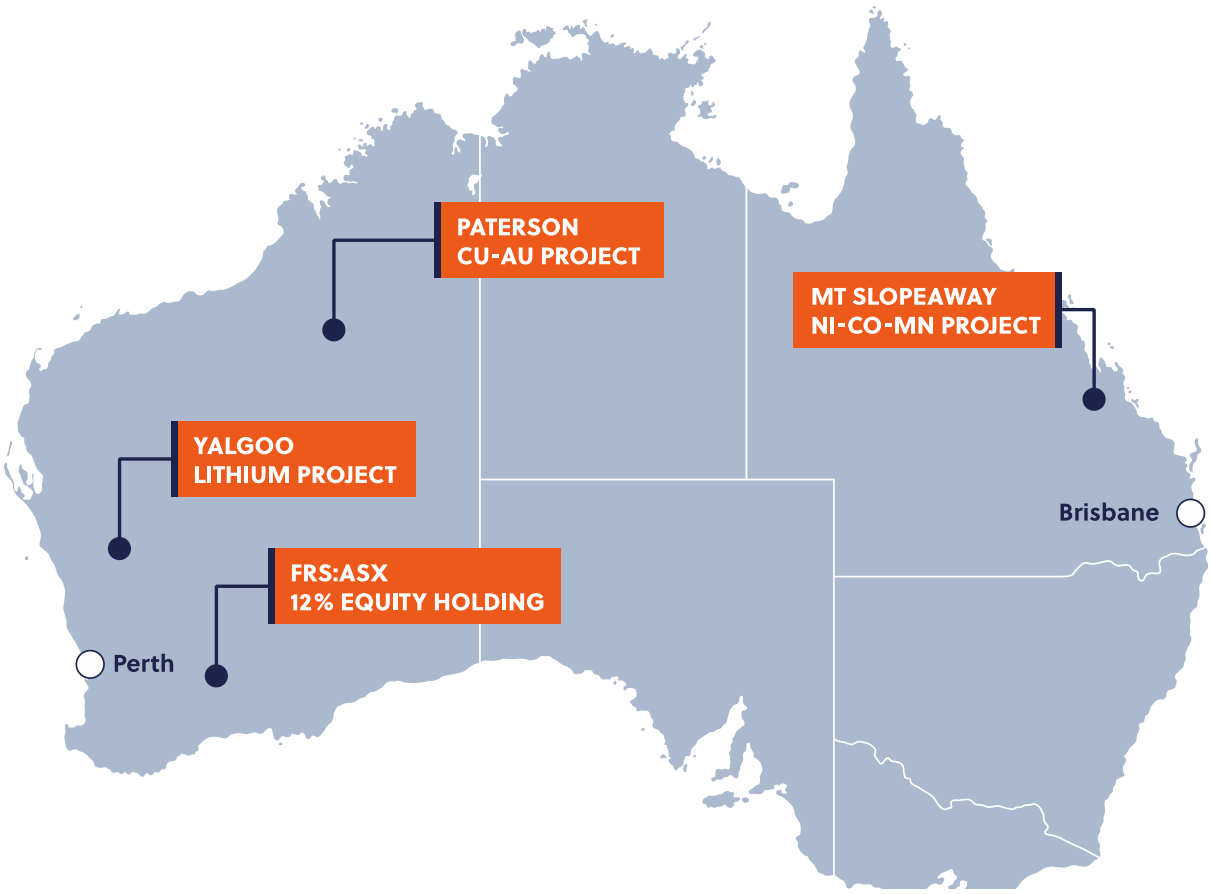
With reference to previously reported Exploration results and mineral resources, the company confirms that it is not aware of any new information or data that materially affects the information included in the Prospectus dated 25 February 2022 and, in the case of estimates of Mineral Resources or Ore Reserves that all material assumptions and technical parameters underpinning the estimates in the Prospectus dated 25 February 2022 continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the Prospectus dated 25 February 2022.

About Firetail Resources

Firetail Resources (ASX:FTL) is a battery minerals company with an exciting project portfolio with exposure to multiple battery mineral commodities at its well-located Western Australian and Queensland projects.

The projects range from early exploration stage at the Paterson and Yalgoo-Dalgranga Projects through to advanced exploration-early resource stage at the Mt Slopeaway Project.

With a portfolio of highly prospective assets plus the experience of a strong technical team, the Company is well positioned to rapidly explore and develop their battery mineral projects and become a significant contributor to the green energy revolution.



FIRETAIL PROJECTS PORTFOLIO

Firetail Resources Limited
ABN: 67 651 057 822
T2, 64-68 Hay Street, Subiaco WA 6008
www.firetailresources.com.au

Appendix 1

TABLE 1. YALGOO PROJECT SIGNIFICANT ROCK CHIP ASSAY RESULTS

sample ID	East	North	RL	Li2O ppm	Cs ppm	Ta ppm	Rb ppm	Nb ppm	Lithology	Mineralogy
FFR26360	474148	6887216	383	1309	251.52	13.31	3382.12	84.51	Quartz Vein	Quartz
FFR26364	474124	6887158	385	831	42.55	24.02	354.3	48.72	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26184	472582	6887371	370	674	398.18	5.7	5819.76	20.7	Pegmatite	Quartz-Feldspar-Muscovite
FFR26363	474120	6887180	381	594	27.98	9.86	1318.65	52.87	Pegmatite	Quartz-Feldspar-Muscovite
FFR26192	472625	6887025	370	506	79.23	18.13	3501.5	74.65	Pegmatite	Quartz-Feldspar-Muscovite
FFR26366	474339	6887215	386	478	43.71	13.87	2317	44.35	Pegmatite	Quartz-Feldspar
FFR26186	472649	6887219	370	461	245.19	11.05	1001.24	23.25	Pegmatite	Quartz-Feldspar-Muscovite
FFR26384	474045	6887275	386	439	265.07	252.55	2936.99	255.26	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26199	472517	6887150	378	400	8.88	18.96	357.01	73.85	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26362	474115	6887197	377	385	72.78	124.11	3203.09	231.47	Pegmatite	Quartz-Feldspar-Muscovite
FFR26185	472607	6887304	369	351	59.39	17	2177.08	70.61	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26193	472565	6887015	368	284	27.5	14.46	1799.47	25.62	Pegmatite	Quartz-Feldspar-Muscovite
FFR26198	472554	6887056	373	230	12.25	8.73	325.91	38.02	Pegmatite	Quartz-Feldspar
FFR26202	472464	6887353	375	196	18.22	2.55	2119.34	35.3	Pegmatite	Quartz-Feldspar-Muscovite
FFR26368	474348	6887143	395	181	31.16	45.3	1492.67	42.31	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26200	472501	6887221	372	131	22.26	9.24	946.78	39.52	Pegmatite	Quartz-Feldspar-Muscovite
FFR26194	472599	6886964	367	121	20.56	10.61	2554.91	35.27	Pegmatite	Quartz-Feldspar-Muscovite
FFR26203	472437	6887413	372	116	19.15	2.76	1717.66	12.86	Pegmatite	Quartz-Feldspar-Muscovite
FFR26388	474017	6887280	379	112	40.65	3.83	986.6	26.09	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26397	473853	6886213	379	108	23.32	20.47	1569.45	39.58	Pegmatite	Quartz-Feldspar
FFR26376	474173	6887401	394	103	21.08	9.53	1979	58.63	Pegmatite	Quartz-Feldspar, minor muscovite

TABLE 2. YALGOO PROJECT ROCK CHIP DETAILS (NO SIGNIFICANT RESULTS)

sample ID	East	North	RL	Lithology	Mineralogy
FFR26367	474350	6887181	389	Pegmatite	Quartz-Feldspar-Muscovite
FFR26401	473656	6887123	373	Pegmatite	Quartz-Feldspar
FFR26263	472590	6888315	382	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26267	472502	6888391	380	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26361	474121	6887200	380	Pegmatite	Quartz-Feldspar-Muscovite
FFR26374	474282	6887531	413	Pegmatite	Quartz-Feldspar
FFR26385	474046	6887287	386	Pegmatite	Quartz-Feldspar-Muscovite
FFR26345	474093	6887242	381	Pegmatite	Quartz-Feldspar
FFR26244	473824	6887592	400	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26371	474285	6887414	399	Pegmatite	Quartz-Feldspar
FFR26293	473535	6888067	375	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26323	472518	6888701	391	Granitoid	Quartz-Feldspar
FFR26304	473703	6888166	380	Pegmatite	Quartz-Feldspar, minor muscovite

FFR26383	474073	6887279	387	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26210	472603	6887828	374	Quartz Vein	Quartz-(Beryl?)
FFR26262	472574	6888299	382	Pegmatite	Quartz-Feldspar-Muscovite
FFR26358	474188	6887247	390	Pegmatite	Quartz-Feldspar
FFR26182	472564	6887426	368	Pegmatite	Quartz-Feldspar-Muscovite
FFR26375	474192	6887423	404	Pegmatite	Quartz-Feldspar
FFR26197	472563	6887071	374	Pegmatite	Quartz-Feldspar
FFR26352	474155	6887330	391	Quartz Vein	Quartz
FFR26356	474152	6887275	392	Pegmatite	Quartz-Feldspar
FFR26365	474333	6887245	384	Pegmatite	Quartz-Feldspar-Muscovite
FFR26349	474135	6887283	388	Pegmatite	Quartz-Feldspar
FFR26369	474317	6887302	382	Pegmatite	Quartz-Feldspar
FFR26370	474304	6887364	397	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26382	474060	6887295	388	Pegmatite	Quartz-Feldspar
FFR26204	472410	6887487	370	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26346	474100	6887259	384	Pegmatite	Quartz-Feldspar-Muscovite
FFR26180	472515	6887631	361	Granitoid	Quartz-Feldspar
FFR26270	473541	6888337	377	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26343	472969	6888630	403	Pegmatite	Quartz-Feldspar
FFR26386	474044	6887260	385	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26394	474196	6886900	385	Pegmatite	Quartz-Feldspar
FFR26400	473738	6887185	373	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26403	473572	6887010	376	Pegmatite	Quartz-Feldspar
FFR26271	472478	6888421	384	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26344	472883	6888662	408	Pegmatite	Quartz-Feldspar-Muscovite
FFR26351	474140	6887311	392	Pegmatite	Quartz-Feldspar
FFR26387	474027	6887243	380	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26353	474173	6887319	383	Pegmatite	Quartz-Feldspar
FFR26221	472913	6887174	378	Quartz Vein	Quartz
FFR26252	472645	6888219	380	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26268	472465	6888365	377	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26306	473691	6888260	384	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26354	474180	6887319	391	Pegmatite	Quartz-Feldspar
FFR26380	474100	6887327	392	Pegmatite	Quartz-Feldspar
FFR26381	474092	6887299	387	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26402	473762	6887026	373	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26308	472410	6887487	370	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26357	474145	6887247	389	Pegmatite	Quartz-Feldspar-Muscovite
FFR26373	474243	6887482	400	Pegmatite	Quartz-Feldspar
FFR26379	474133	6887367	390	Pegmatite	Quartz-Feldspar
FFR26389	473946	6887234	382	Pegmatite	Quartz-Feldspar, minor muscovite

FFR26377	474141	6887432	395	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26269	472509	6888349	373	Pegmatite	Quartz-Feldspar
FFR26347	474100	6887270	385	Pegmatite	Quartz-Feldspar
FFR26372	474252	6887457	400	Pegmatite	Quartz-Feldspar
FFR26391	473887	6887058	383	Pegmatite	Quartz-Feldspar
FFR26396	474080	6886954	385	Pegmatite	Quartz-Feldspar
FFR26399	473793	6887224	376	Pegmatite	Quartz-Feldspar
FFR26404	473638	6887272	384	Pegmatite	Quartz-Feldspar
FFR26264	472560	6888360	383	Pegmatite	Quartz-Feldspar-Muscovite
FFR26266	472525	6888387	378	Pegmatite	Quartz-Feldspar-Muscovite
FFR26348	474116	6887279	388	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26350	474144	6887283	390	Pegmatite	Quartz-Feldspar
FFR26359	474220	6887230	385	Pegmatite	Quartz-Feldspar
FFR26378	474110	6887426	395	Pegmatite	Quartz-Feldspar
FFR26176	472735	6887990	372	Quartz Vein	Quartz-Feldspar
FFR26238	473113	6887775	378	Quartz Vein	Quartz
FFR26255	472703	6888085	378	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26258	472645	6888023	376	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26355	474129	6887270	389	Pegmatite	Quartz-Feldspar
FFR26390	473936	6887261	382	Pegmatite	Quartz-Feldspar
FFR26393	473969	6886929	373	Pegmatite	Quartz-Feldspar
FFR26395	474157	6886945	390	Pegmatite	Quartz-Feldspar
FFR26405	473566	6887316	387	Pegmatite	Quartz-Feldspar
FFR26195	472643	6886903	368	Pegmatite	Quartz-Feldspar-Muscovite
FFR26241	473785	6887790	393	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26242	473786	6887744	392	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26251	472617	6888264	381	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26392	473919	6887051	375	Quartz Vein	Quartz
FFR26398	473850	6887204	379	Pegmatite	Quartz-Feldspar-Muscovite
FFR26406	473499	6887412	392	Pegmatite	Quartz-Feldspar
FFR26261	472626	6888153	380	Pegmatite	Quartz-Feldspar-Muscovite
FFR26300	473517	6887722	383	Pegmatite	Quartz-Feldspar-Muscovite
FFR26305	473670	6888239	383	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26319	473311	6888104	377	Quartz Vein	Quartz
FFR26177	472680	6887947	371	Granitoid	Quartz-Feldspar
FFR26178	472458	6887881	365	Granitoid	Quartz-Feldspar
FFR26179	472544	6887758	366	Granitoid	Quartz-Feldspar
FFR26181	472537	6887462	368	Quartz Vein	Quartz
FFR26183	472531	6887546	367	Pegmatite	Quartz-Feldspar-Muscovite
FFR26187	472708	6887090	372	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26188	472751	6887008	373	Pegmatite	Quartz-Feldspar

FFR26189	472805	6886927	370	Pegmatite	Quartz-Feldpsar-(Beryl?)
FFR26190	472747	6887926	369	Quartz Vein	Quartz-Epidote
FFR26191	472657	6886987	368	Pegmatite	Quartz-Feldspar
FFR26196	472440	6886914	362	Granitoid	Quartz-Feldspar
FFR26201	472482	6887303	377	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26205	472460	6887726	370	Pegmatite	Quartz-Feldspar-Muscovite-(Beryl?)
FFR26206	472449	6887740	370	Pegmatite	Quartz-Feldspar-Muscovite-(Beryl?)
FFR26207	472435	6887806	373	Pegmatite	Quartz-Feldspar-Muscovite-(Beryl?)
FFR26208	472428	6887830	371	Pegmatite	Quartz-Feldspar-Muscovite
FFR26209	472439	6887829	372	Pegmatite	Quartz-Feldspar-Muscovite
FFR26211	472667	6887835	375	Quartz Vein	Quartz
FFR26212	472695	6887857	378	Quartz Vein	Quartz
FFR26213	472710	6887807	376	Quartz Vein	Quartz
FFR26214	472821	6887628	374	Quartz Vein	Quartz
FFR26215	472750	6887597	370	Quartz Vein	Quartz
FFR26216	472757	6887341	379	Quartz Vein	Quartz
FFR26217	472691	6887473	373	Quartz Vein	Quartz
FFR26218	472778	6887486	371	Quartz Vein	Quartz
FFR26219	472887	6887305	377	Quartz Vein	Quartz
FFR26220	472859	6887276	375	Quartz Vein	Quartz
FFR26222	472806	6887193	375	Quartz Vein	Quartz
FFR26223	472769	6887151	374	Quartz Vein	Quartz
FFR26224	472878	6887052	375	Quartz Vein	Quartz
FFR26225	472942	6886952	371	Quartz Vein	Quartz
FFR26226	473026	6887005	373	Quartz Vein	Quartz
FFR26227	472927	6887123	377	Quartz Vein	Quartz
FFR26228	473094	6887228	385	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26229	473114	6887179	384	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26230	473282	6887012	373	Quartz Vein	Quartz
FFR26231	473294	6886952	375	Quartz Vein	Quartz
FFR26232	473329	6886895	371	Quartz Vein	Quartz
FFR26233	473492	6886889	370	Granitoid	Quartz-Feldspar
FFR26234	473336	6886870	372	Quartz Vein	Quartz
FFR26235	473321	6887047	375	Quartz Vein	Quartz
FFR26236	473213	6887426	387	Quartz Vein	Quartz
FFR26237	473063	6887718	380	Pegmatite	Quartz-Feldspar
FFR26239	473233	6887772	379	Granitoid	Quartz-Feldspar
FFR26240	473791	6887812	392	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26243	473786	6887739	385	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26245	473773	6887629	396	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26246	472744	6888124	383	Quartz Vein	Quartz

FFR26247	472790	6888147	385	Altered Granitoid	Chlorite-Epidote altered Quartz-Feldspar
FFR26248	472828	6888139	380	Quartz Vein	Quartz
FFR26249	472775	6888238	376	Quartz Vein	Quartz
FFR26250	472678	6888300	383	Altered Granitoid	Chlorite-Epidote altered Quartz-Feldspar
FFR26253	472672	6888180	380	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26254	472672	6888155	381	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26256	472716	6888050	379	Quartz Vein	Quartz
FFR26257	472665	6888024	374	Quartz Vein	Quartz
FFR26259	472640	6888051	376	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26260	472644	6888093	379	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26265	472596	6888352	382	Pegmatite	Quartz-Feldspar
FFR26272	472414	6888459	386	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26273	472468	6888336	381	Pegmatite	Quartz-Feldspar
FFR26274	472477	6888313	378	Quartz Vein	Quartz-(Beryl?)
FFR26275	472548	6888215	382	Quartz Vein	Quartz
FFR26276	472524	6888181	385	Quartz Vein	Quartz-Feldspar, minor muscovite
FFR26277	472491	6888150	383	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26278	472531	6888052	383	Quartz Vein	Quartz
FFR26279	472585	6888045	382	Quartz Vein	Quartz
FFR26280	472604	6888056	384	Quartz Vein	Quartz
FFR26281	472656	6887987	382	Quartz Vein	Quartz
FFR26282	472622	6887963	379	Quartz Vein	Quartz
FFR26283	473275	6887961	379	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26284	473312	6887931	379	Pegmatite	Quartz-Feldspar
FFR26285	473373	6887950	380	Pegmatite	Quartz-Feldspar
FFR26286	473417	6887964	385	Pegmatite	Quartz-Feldspar
FFR26287	473497	6888002	382	Pegmatite	Quartz-Feldspar
FFR26288	473547	6887995	383	Pegmatite	Quartz-Feldspar
FFR26289	473577	6887935	387	Quartz Vein	Quartz
FFR26290	473619	6887995	387	Quartz Vein	Quartz
FFR26291	473742	6887833	387	Pegmatite	Quartz-Feldspar-(Beryl?)
FFR26292	473823	6887896	398	Pegmatite	Quartz-Feldspar
FFR26294	473173	6887329	384	Altered Granitoid	Chlorite-Epidote altered Quartz-Feldspar
FFR26295	473280	6887158	378	Altered Granitoid	Chlorite-Epidote altered Quartz-Feldspar
FFR26296	473268	6887282	380	Quartz Vein	Quartz
FFR26297	473126	6887390	386	Altered Granitoid	Chlorite-Epidote altered Quartz-Feldspar
FFR26298	473397	6887752	379	Pegmatite	Quartz-Feldspar
FFR26299	473471	6887724	381	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26301	473688	6887694	388	Pegmatite	Quartz-Feldspar-Muscovite
FFR26302	473735	6887660	388	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26303	473626	6888221	383	Pegmatite	Quartz-Feldspar

FFR26307	473814	6888365	396	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26309	473714	6888204	387	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26310	473497	6888325	388	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26311	473428	6888336	394	Quartz Vein	Quartz-Feldspar
FFR26312	473404	6888304	396	Pegmatite	Quartz-Feldspar
FFR26313	473370	6888294	393	Pegmatite	Epidote-Quartz-Felspar
FFR26314	473344	6888299	386	Pegmatite	Quartz-Feldspar
FFR26315	473487	6888231	391	Granitoid	Quartz-Feldspar
FFR26316	473517	6888167	381	Pegmatite	Quartz-Feldspar
FFR26317	473396	6888110	373	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26318	473316	6888157	377	Pegmatite	Quartz-Feldspar
FFR26320	472664	6888591	392	Pegmatite	Quartz-Feldspar
FFR26321	472539	6888670	392	Pegmatite	Quartz-Feldspar
FFR26322	472597	6888600	388	Pegmatite	Quartz-Feldspar
FFR26324	472564	6888827	387	Granitoid	Quartz-Feldspar
FFR26325	472436	6888656	386	Granitoid	Quartz-Feldspar
FFR26326	472487	6888599	383	Pegmatite	Quartz-Feldspar
FFR26327	472739	6888603	391	Pegmatite	Quartz-Feldspar
FFR26328	472880	6888626	394	Pegmatite	Quartz-Feldspar
FFR26329	473164	6888374	387	Pegmatite	Quartz-Feldspar
FFR26330	473179	6888286	384	Pegmatite	Quartz-Feldspar
FFR26331	473192	6888270	382	Pegmatite	Quartz-Feldspar
FFR26332	473244	6888279	377	Pegmatite	Quartz-Feldspar
FFR26333	473148	6888238	383	Pegmatite	Quartz-Feldspar
FFR26334	473145	6888261	386	Pegmatite	Quartz-Feldspar
FFR26335	473177	6888219	378	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26336	473105	6888301	391	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26337	473039	6888362	392	Pegmatite	Quartz-Feldspar
FFR26338	473007	6888359	393	Pegmatite	Quartz-Feldspar, minor muscovite
FFR26339	472949	6888413	399	Pegmatite	Quartz-Feldspar
FFR26340	473024	6888552	402	Pegmatite	Quartz-Feldspar
FFR26341	473010	6888592	402	Quartz Vein	Quartz
FFR26342	473020	6888606	402	Pegmatite	Quartz-Feldspar

Appendix 2 - JORC Code, 2012 Edition Table 1

Section 1 Sampling Techniques and Data

(Criteria In this section applies to all succeeding sections)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg 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 (eg '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 (eg submarine nodules) may warrant disclosure of detailed information.*	Rock Chip Samples: • A total of 231 rock chip samples were collected across various geological units- pegmatite, quartz veining, granite, greenstone • This release reports results and details for all samples. • Samples were collected as composite channel samples across geological units ie. from contact to contact, with the x, y coordinate recorded at the centre point of the composite sample. This technique ensured that a representative sample was taken from each geological unit. • Samples were nominally 3.0kg, and these were subsequently crushed, split and pulverised at the laboratory before analysis.
Drilling techniques	• *Drill type (eg 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).*	• No Drilling Reported
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 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.*	• Rock chip samples have been logged by the mapping geologist with observations for the following attributes recorded: ○ Lithology ○ Structure ○ Texture ○ Alteration ○ Mineralogy ○ Other observations as appropriate • A representative chip tray containing chip samples was retained for each channel sample.
Sub-sampling techniques and	• *If core, whether cut or sawn and whether quarter, half or all core taken.*	• Whole rock chip channel samples were submitted to the laboratory where samples were pulverised, split and a representative sub-sample sample attained for

Criteria	JORC Code explanation	Commentary
sample preparation	• *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.*	analysis. • Rock chip sampling was completed across the width of each identified geological unit, ie. a 3-5kg channel sample taken, which is considered representative of in-situ material collected. • No field duplicates were taken. • Sample sizes are considered appropriate to the grain size of the material being sampled.
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 (ie lack of bias) and precision have been established.*	• Samples were submitted to North Australian Laboratories (NAL) where they were subjected to industry standard sample preparation and multielement analysis. • Assay techniques used (ICP-OES and ICP-MS) are considered total digestion. • Elements assayed for include Ag, Al, As, Ba, Ca, Cu, Fe, K, Li, Mg, Mn, Na, P, Pb, S, Ti, V & Zn by ICP-OES and Be, Bi, Cs, Mo, Nb, Rb, Sb, Sn, Sr, Ta, U by ICP-MS. The laboratory conducted QAQC analysis on its own standards and blanks. • The Company has not undertaken any QAQC analysis, nor has it inserted any standards or blanks to test the laboratory for accuracy or bias.
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 verification of significant intersections has been conducted by Firetail. All data reported in this release is from surface rock chip sampling. • At least two Firetail company personnel have been to site and reviewed rock chip sample locations and sampling methods. • Primary field mapping and rock chip sampling information is entered into excel spreadsheets and then loaded into an acQuire geological database where validation tools are used on import to ensure no errors. • Assay files are loaded into the geological database in their raw format from the laboratory and merged with sample information. • No adjustments to assay data have been made
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.*	• All coordinates used by the company are based on MGA zone 50 reference grid based on geodetical datum GDA94. • Rock chips samples were located using a • handheld GPS received with a typical horizontal accuracy of +/-5m.
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.*	• Samples were not spaced on a regular pattern; however, they are considered broadly representative of lithological units. • Samples are considered appropriate for geological and geochemical interpretation but are not considered appropriate for resource estimation purposes.

Criteria	JORC Code explanation	Commentary
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.*	• Sampling orientation is considered to be unbiased and is nominally perpendicular to the mapped geological units. • No drilling has been completed, and mineralisation controls/ orientation is not yet fully understood.
Sample security	• *The measures taken to ensure sample security.*	• Samples were collected by field geologist and placed in calico bags with the sample number written on it. • Calico bags were placed within larger green plastic bags before being delivered to the courier company depot for transport to the laboratory.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No Audits or reviews have been undertaken.

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.*	• Firetail Resources has the Lithium Rights over the Yalgoo Project, as part of an agreement with the landholder, Gascoyne Resources (refer to the Company Prospectus released to ASX 11th April 2022). • The Yalgoo Project is situated north of the township of Yalgoo and is approximately 110 km west of Mt Magnet in the Murchison region of Western Australia. • The Yalgoo Project is located within the Yalgoo Mineral Field and includes the historical mining centres of Noongal, Yalgoo and Carlaminda. • All tenements are 100% held by Gascoyne Resources (or its subsidiaries) and are in good standing with no known impediment to future granting of a mining lease.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Exploration and mining activity in the region commenced in 1894 with relatively small-scale gold production. This was followed by several phases in the 1890s to early 1900s, and then again in the 1930s when subsequent gold mining additionally occurred. Modern gold exploration commenced in the 1980s, and several small mining enterprises conducted predominantly small-scale underground gold mining. • Historical Mindex records identified lithium (Li), tantalum (Ta), tin (Sn), beryllium (Be) and rubidium (Rb) occurrences within the boundary of the tenements. In terms of pegmatite-focused exploration, prospecting style activities include small pits and excavations focused on beryl, bismuth, tungsten, topaz, and lithium. • Tenure surrounds the Johnson Well Mine which is host to lithium, caesium, and rubidium; currently operating to recover gem-quality lepidolite. • A limited rock chip sampling program targeting pegmatites was conducted in 2016 within the E59/2077 tenement. Sampling was conducted across 'Lithium Show' Pegmatite between granite and greenstone units. • Other than a limited rock chip sampling program conducted in 2016, no systematic exploration has previously been undertaken to target the lithium potential of the Yalgoo Project.
Geology	• *Deposit type, geological setting, and style of mineralisation.*	• The Yalgoo Project is located within the Yalgoo Greenstone Belt of the Murchison Province, which occupies the western portion of the Yilgarn Craton. Major regional shear zones bound the greenstone belt to the east and west. The geology of the Yalgoo Project comprises dominantly mafic rocks and granites. The principal economic mineralisation in the area historically has been gold, and there has also been some exploration for copper and nickel. Complex pegmatites and porphyries associated with the Lydia Granite include scheelite, beryl, and lepidolite. The Yalgoo region is considered prospective for LCT type pegmatite deposits. Tenure surrounds the Johnson Well Mine, which is host to lithium, caesium, and rubidium.
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following*	• No drilling reported. • All details for rock chip samples have been included

Criteria	JORC Code explanation	Commentary
	information for all Material drill holes: ○ *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.*	in the body of this announcement. Refer to Table 1 for rock chip details. • No information has been excluded.
Data aggregation methods	• *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.* • *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.*	• No data aggregation has been completed on assay results.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *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').*	• No drilling intercepts reported.
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.*	• Maps are included in the body of the announcement.
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 Results.*	• All results have been reported.
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.*	• Geological observations from mapping have been included in the body of this release.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out*	• Further work will include extending mapping coverage, analysing surface geochemical results to vector towards LCT mineralisation, undertake RC

Criteria	JORC Code explanation	Commentary
	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.*	drilling over high priority target areas. • Diagrams highlighting areas considered prospective for LCT mineralisation in pegmatites are included in the body of the release.