

## RC DRILLING CONFIRM PRESENCE OF LITHIUM AT UPPER COONDINA

### Highlights:

- RC drilling intersected multiple stacked Spodumene Pegmatites<sup>1</sup> have been intersected including:
  - *Up to 40m<sup>2</sup>-wide mineralised zone, 0.20%<sup>3</sup> Li<sub>2</sub>O<sup>4</sup>, 0.6% Rb<sub>2</sub>O<sup>3</sup> and 118ppm Ta<sub>2</sub>O<sub>5</sub>.*
- **Best spodumene-pegmatite mineralisation intersections includes:**
  - **UCR22033: 38m @ 0.10%<sup>3</sup> Li<sub>2</sub>O from 1m (surface) and 5m @ 20ppm Ta<sub>2</sub>O<sub>5</sub> from 7m, 3m @ 47ppm Ta<sub>2</sub>O<sub>5</sub> from 16m and 3m @ 24ppm from 24m and 7m @ 685 ppm Rb<sub>2</sub>O incl: 2m @ 1140ppm from 24m.**
  - **UCR22035: 13m @ 0.10% Li<sub>2</sub>O from 27m and 7m @ 0.10% Li<sub>2</sub>O from 50m and 11m @ 16ppm Ta<sub>2</sub>O<sub>5</sub> from 31m and 17m @ 524ppm Rb<sub>2</sub>O from 31m incl: 1m @ 1285ppm Rb<sub>2</sub>O from 40m.**
  - **UCR22012: 10m @ 0.10% Li<sub>2</sub>O from 19m and 1m @ 27ppm Ta<sub>2</sub>O<sub>5</sub> from 20m and 2m @ 31ppm Ta<sub>2</sub>O<sub>5</sub> from 46m and 2m @ 831ppm Rb<sub>2</sub>O from 19m.**
  - **UCR22018: 10m @ 0.10% Li<sub>2</sub>O from 5m and 9m @ 0.10% Li<sub>2</sub>O from 38m and 9m @ 20ppm Ta<sub>2</sub>O<sub>5</sub> from 1m and 9m @ 20ppm Ta<sub>2</sub>O<sub>5</sub> from 35m and 12m @ 628ppm Rb<sub>2</sub>O from surface incl: 1m @ 1296ppm Rb<sub>2</sub>O from 1m.**
  - **UCR22038: 9m @ 0.10% Li<sub>2</sub>O from 5m and 12m @ 0.10% Li<sub>2</sub>O from 42m and 1m @ 29ppm Ta<sub>2</sub>O<sub>5</sub> from 3m.**
- **DGPR surveying has also defined 23 additional potential pegmatite structures conjugate with existing known mineralised pegmatites.**
- **Planning is underway to commence follow-up drilling to test additional pegmatite structures within high-priority target areas.**

Critical metals exploration and development company MetalsGrove Mining Limited (ASX: MGA), ("MetalsGrove" "MGA" or the "Company"), is pleased to announce that it has received the assay results from the maiden 4,200m Reverse Circulation ("RC") drilling programme completed at the Upper Coondina Lithium Project, located 80 km south of Marble Bar.

This first phase of drilling was designed to test several vertical and low angle pegmatites at the Chola Prospect (see Figure 1) with shallow wide-spaced RC holes to obtain an understanding of zonation and lithium mineralisation.

Drilling has confirmed multiple stacked spodumene pegmatites with anomalous lithium, tantalum and rubidium mineralisation as highlighted by drill hole UCR22033 which returned **38m @ 0.10%<sup>3</sup> Li<sub>2</sub>O from 1m (surface) and 5m @ 20ppm Ta<sub>2</sub>O<sub>5</sub> from 7m, 3m @ 47ppm Ta<sub>2</sub>O<sub>5</sub> from 16m and 3m @ 24ppm from 24m and 7m @ 685 ppm Rb<sub>2</sub>O incl: 2m @ 1140ppm from 24m.**

Further exploration including detailed geophysics and structural mapping are required to delineate main zone high grade mineralisation lithium bearing pegmatites. The detailed modern exploration technology and high-level structural mapping will identify mineralization at depth and pegmatites undercover to determine new targets within and outside of the drilling areas.



**MetalsGrove**  
MINING LIMITED

### Date

19 April 2023

### ASX Code

MGA

### Shares on Issue

52,710,000

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1. This announcement refers to "spodumene" or "spodumene-pegmatite" or "pegmatites". Where the geological observations are not supported by assays the Company notes that these are qualitative assessments of mineralisation. The observed presence of spodumene crystals within pegmatite does not necessarily equate to lithium mineralisation.
2. Drilling widths reported are downhole and no estimate of true width is given.
3. Some numbers are rounded to the closest numbers.
4.  $\text{Li}_2\text{O}$  means Lithia, an industry standard when reporting the grade of lithium in exploration and stages of mine development data. Lithia is a conversion from the reported Li grade using the stoichiometric conversion factor of 2.1527, Tantalum 1.2211 and Rubidium 1.0936.

**Commenting on the assay results from Phase 1 drilling at Upper Coondina, MetalsGrove's Managing Director, Sean Sivasamy said:**

*"We are very encouraged by the initial outcomes from our Phase 1 RC drilling at Upper Coondina with spodumene-pegmatites intersected in every hole. Drilling has given our team a much clearer understanding of the width, tenure and mineralisation profile of the pegmatites and this will play a key role in refining our Phase 2 drilling programme.*

*Drilling has highlighted shallow, wide intersections of lithium, tantalum and rubidium mineralisation within the Chola Prospect corridor, and we will now aim to define the extent and source of the mineralised system.*

*MetalsGrove has a busy pipeline of activity planned, with our maiden drilling programme set to commence at our exciting Bruce Rare Earth Prospect in the coming weeks."*

**Upper Coondina Lithium Project – RC Drilling Summary**

A 4,200 meter shallow RC drilling program was completed at the Chola, Happy Go Lucky and Shaw River lithium prospects. All holes intersected high lithium anomalies (Refer Figure 1).

The Upper Coondina spodumene-pegmatites assay represents a swarm of anastomosing to tabular hosted pegmatites. Upper Coondina spodumene-pegmatites are members of the lithium-caesium-tantalum (LCT) pegmatite family.

Spodumene-pegmatites have been intersected in all the drill holes drilled to date. Individual units have a down-hole width of up to 38m (allowing up to 3m of contiguous internal waste), having a strike direction of north-east and south-west and dip at approximately subvertical towards the north-west.

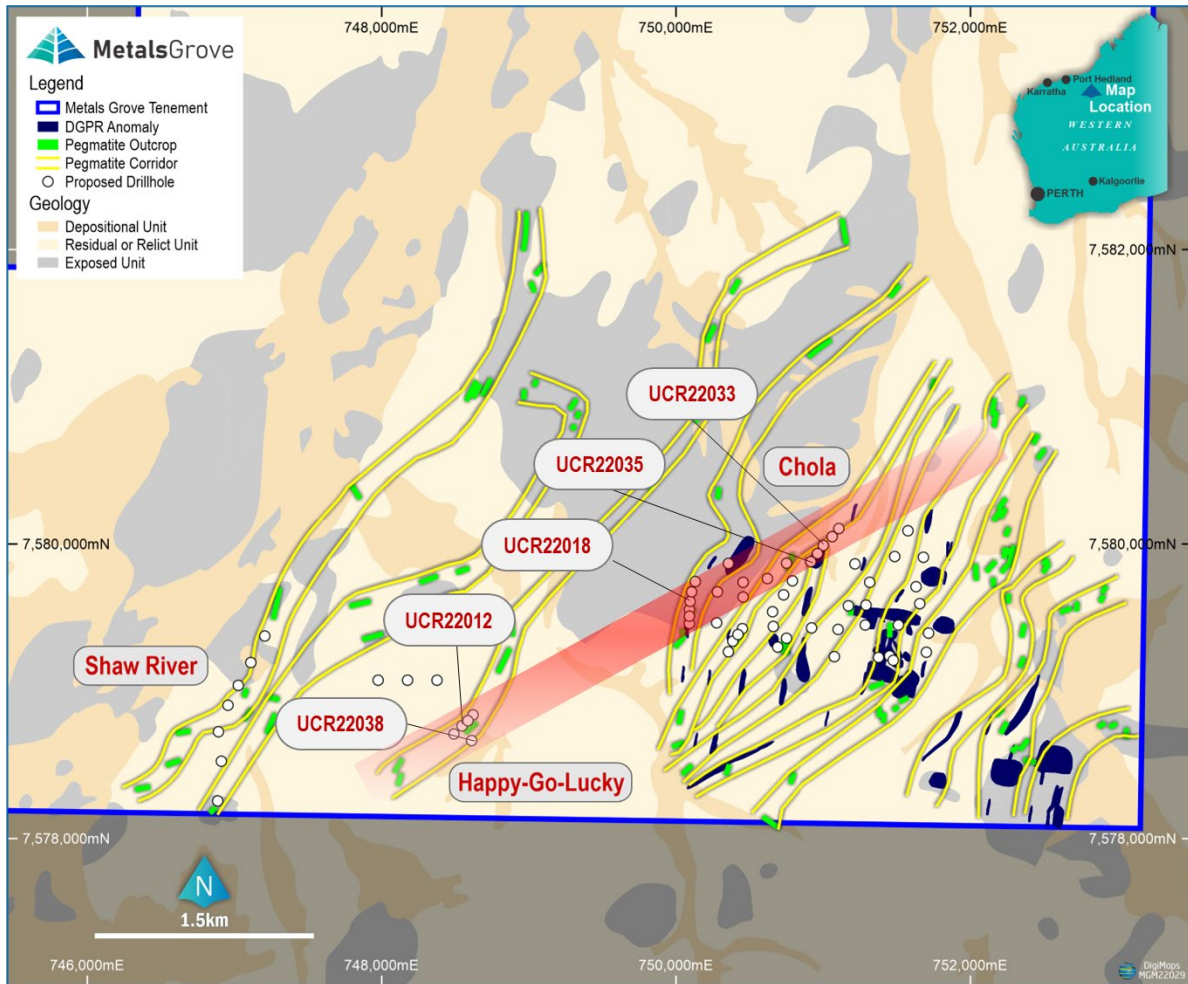


Figure 1: Phase 1 drilling programme completed drill hole location plan.



Figure 2: Phase 1 drilling programme Spodumene Pegmatite intersection RC sample.

## Next steps

- Continue detailed field mapping in the areas north of Chola, Happy Go Lucky and Shaw River prospects to further enhance the geological modelling.
- Continue DGPR survey in the areas north of Chola, Happy Go Lucky and Shaw River prospects to identify potential extensions of the undercover pegmatites.
- Planning for follow-up drilling programmes following technical review of recent drilling and geological interpretation.
- Completion of heritage surveys prior to Phase 2 drill programmes.

## Upper Coondina Project Background

The Upper Coondina Project is located approximately halfway between the major mining regional service centres of Port Hedland and Newman - approximately 200 km northwest and 180 km south-southeast of the project, respectively.

The Project comprises a single granted Exploration Licence. The tenement covers an area of approximately 6,363 ha and the maximum distance across the project is about 11 km east-west and 8 km north-south. Nearby lithium mines include Wodgina (MinRes ASX: MIN), Pilbara Minerals (ASX: PLS) and recent lithium developer Global Lithium (ASX: GL1).

## Historical Exploration Summary

The Greater Shaw Tin Field has attracted exploration interest since the discovery of tin in 1890. However, most of the exploration and subsequent mining of tin and tantalum has been on the small scale. The Shaw Tin Field has historically produced more than 6,500 t of tin concentrate.

In 1968, Marble Bar Nickel carried out a rock chip sampling programme covering tenement E45/3699 of the current Hillside CRG (A1714). A 1972 stream sediment sampling programme by Anglo American Services Limited targeting Ni-Cu mineralisation identified a copper anomaly in ultramafic and pillow basalts and another in altered gabbro. Both were subsequently found to be insignificant.

In early 1968, the field was largely abandoned after the shallow deposits were soon exhausted. Towards the end of 1968, a local resident discovered further cassiterite mineralisation in cemented alluvium within a largely concealed tertiary drainage channel. In 1983, CSR Limited explored for economic secondary concentrations of tin and tantalum in the area. Their exploration programme included follow-up on radiometric anomalies, stream sediment sampling and geological mapping. No discrete localities of anomalous tin could be identified. CSR Limited identified simple pegmatite veins as the sources of the tin.

No dedicated lithium focused exploration has been carried out within the project area. However, given historical surface geochemical sampling has returned anomalous values up to 253 ppm Li<sub>2</sub>O, MetalsGrove considers that this untested magnetic anomaly warrants follow-up exploration to determine its source.

The exploration results that are referred to above were included in MetalsGrove's IPO prospectus dated 13 May 2022 (**Prospectus**). MetalsGrove is not aware of any new information in respect of these results and confirms that full details with respect to these results are included in the Prospectus.

## About MetalsGrove

MetalsGrove Mining Limited (ASX: MGA) is an Australian-based exploration and development company, focused on the exploration and development of its portfolio of high-quality lithium, rare earth, copper-gold, manganese and base metal projects in Western Australia and the Northern Territory.

MGA is committed to green metal exploration and development to meet the growing demand from the battery storage and renewable energy markets in the transition to a de-carbonised world.

## Competent Person Statement – Exploration Strategy

The information in this announcement that relates to exploration strategy has been developed by Sean Sivasamy. All assay results have been compiled by Mr Sivasamy who is a member of Australasian Institute of Mining and Metallurgy. Mr Sivasamy is Managing Director and CEO of MetalsGrove Mining Limited.

Mr Sivasamy has sufficient experience which is relevant to the style of mineralisation and exploration processes as reported herein to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'.

Mr Sivasamy consents to the inclusion in this announcement of the information contained herein, in the form and context in which it appears.

## Forward looking statements

This announcement may contain certain "forward looking statements" which may not have been based solely on historical facts, but rather may be based on the Company's current expectations about future events and results. Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis.

However, forward looking statements are subject to risks, uncertainties, assumptions, and other factors which could cause actual results to differ materially from future results expressed, projected or implied by such forward looking statements. Such risks include, but are not limited to exploration risk, mineral resource risk, metal price volatility, currency fluctuations, increased production costs and variances in ore grade or recovery rates from those assumed in mining plans, as well as political and operational risks in the countries and states in which we sell our product to, and government regulation and judicial outcomes.

For more detailed discussion of such risks and other factors, see the Company's Prospectus, as well as the Company's other filings. Readers should not place undue reliance on forward looking information. The Company does not undertake any obligation to release publicly any revisions to any "forward looking statement" to reflect events or circumstances after the date of this announcement, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws.



Authorised for release by the MetalsGrove Mining Limited Board of Directors,

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Table 1. Collar details of the completed 2022 Upper Coondina RC drill programme. Coordinates provided are in MGA94 Zone 50.

PROJECT	PROSPECT	HOLE ID	NORTH	EAST	DEPTH	DIP	AZIMUTH
Upper Coondina	Shaw River	UCR22001	747211	7579368	72	-60	135
Upper Coondina	Shaw River	UCR22002	747117	7579196	60	-60	135
Upper Coondina	Shaw River	UCR22003	747055	7579042	60	-60	135
Upper Coondina	Shaw River	UCR22004	746954	7578906	66	-60	135
Upper Coondina	Shaw River	UCR22005	746892	7578731	60	-60	135
Upper Coondina	Shaw River	UCR22006	746910	7578531	60	-60	135
Upper Coondina	Shaw River	UCR22007	746890	7578215	60	-60	135
Upper Coondina	Happy Go Lucky	UCR22008	747977	7579077	60	-60	135
Upper Coondina	Happy Go Lucky	UCR22009	748179	7579077	66	-60	135
Upper Coondina	Happy Go Lucky	UCR22010	748375	7579075	60	-60	135
Upper Coondina	Happy Go Lucky	UCR22011	748624	7578846	72	-60	135
Upper Coondina	Happy Go Lucky	UCR22012	748585	7578800	60	-60	135
Upper Coondina	Happy Go Lucky	UCR22013	748542	7578765	72	-60	135
Upper Coondina	Happy Go Lucky	UCR22014	748616	7578668	60	-60	135
Upper Coondina	Happy Go Lucky	UCR22015	748495	7578711	108	-60	135
Upper Coondina	Chola	UCR22016	750099	7579459	66	-60	135
Upper Coondina	Chola	UCR22017	750095	7579509	60	-60	135
Upper Coondina	Chola	UCR22018	750092	7579555	114	-60	135
Upper Coondina	Chola	UCR22019	750100	7579610	114	-60	135
Upper Coondina	Chola	UCR22020	750109	7579682	60	-60	135
Upper Coondina	Chola	UCR22021	750140	7579740	60	-60	135
Upper Coondina	Chola	UCR22022	750359	7579869	60	-60	135
Upper Coondina	Chola	UCR22023	750294	7579670	60	-60	135
Upper Coondina	Chola	UCR22024	750468	7579744	54	-60	135
Upper Coondina	Chola	UCR22025	750457	7579644	60	-60	135
Upper Coondina	Chola	UCR22026	750752	7579867	60	-60	135
Upper Coondina	Chola	UCR22027	750625	7579766	60	-60	135
Upper Coondina	Chola	UCR22028	750767	7579670	60	-60	135
Upper Coondina	Chola	UCR22029	750659	7579545	60	-60	135
Upper Coondina	Chola	UCR22030	750790	7579752	66	-60	135
Upper Coondina	Chola	UCR22031	751108	7580110	72	-60	135
Upper Coondina	Chola	UCR22032	751057	7580047	60	-60	135
Upper Coondina	Chola	UCR22033	751004	7579988	66	-60	135
Upper Coondina	Chola	UCR22034	750968	7579930	66	-60	135
Upper Coondina	Chola	UCR22035	750915	7579875	66	-60	135
Upper Coondina	Chola	UCR22036	750392	7579346	102	-60	135
Upper Coondina	Chola	UCR22037	750347	7579264	60	-60	135
Upper Coondina	Chola	UCR22038	750285	7579471	66	-60	135
Upper Coondina	Chola	UCR22039	750675	7579443	60	-60	135
Upper Coondina	Chola	UCR22040	750448	7579431	90	-60	135
Upper Coondina	Chola	UCR22041	750684	7579306	96	-60	135
Upper Coondina	Chola	UCR22042	750746	7579367	108	-60	135
Upper Coondina	Chola	UCR22043	751171	7579578	102	-60	135
Upper Coondina	Chola	UCR22044	751290	7579588	138	-60	135
Upper Coondina	Chola	UCR22045	751214	7579860	138	-60	135

Upper Coondina	Chola	UCR22046	751316	7579739	60	-60	135
Upper Coondina	Chola	UCR22047	751699	7579264	108	-60	135
Upper Coondina	Chola	UCR22048	751473	7579210	120	-60	135
Upper Coondina	Chola	UCR22049	751448	7579238	60	-60	135
Upper Coondina	Chola	UCR22050	751375	7579236	114	-60	135
Upper Coondina	Chola	UCR22051	751721	7579391	60	-60	135
Upper Coondina	Chola	UCR22052	751517	7579445	66	-60	135
Upper Coondina	Chola	UCR22053	751300	7579447	60	-60	135
Upper Coondina	Chola	UCR22054	751657	7579594	102	-60	135
Upper Coondina	Chola	UCR22055	751631	7579710	60	-60	135
Upper Coondina	Chola	UCR22056	751688	7579908	120	-60	135

Table 2. Full table of best intersections from the 2022 Upper Coondina RC drill programme. Intersections are reported as down-hole widths using a cut-off of 0.05% Li<sub>2</sub>O and a maximum of 3m internal dilution.

BHID	FROM	TO	WIDTH	Li <sub>2</sub> O_ppm	Li <sub>2</sub> O_pct
UCR22004	16.00	19.00	3.00	637	0.10
UCR22005	34.00	35.00	1.00	510	0.10
UCR22005	51.00	53.00	2.00	525	0.10
UCR22007	13.00	19.00	6.00	583	0.10
UCR22007	23.00	27.00	4.00	720	0.10
UCR22007	31.00	33.00	2.00	605	0.10
UCR22008	10.00	11.00	1.00	530	0.10
UCR22010	1.00	2.00	1.00	1010	0.10
UCR22010	4.00	5.00	1.00	540	0.10
UCR22010	10.00	11.00	1.00	510	0.10
UCR22010	31.00	32.00	1.00	530	0.10
UCR22010	37.00	43.00	6.00	505	0.10
UCR22011	42.00	43.00	1.00	510	0.10
UCR22012	5.00	6.00	1.00	600	0.10
UCR22012	11.00	13.00	2.00	670	0.10
UCR22012	19.00	29.00	10.00	603	0.10
UCR22012	52.00	54.00	2.00	760	0.10
UCR22014	19.00	20.00	1.00	760	0.10
UCR22015	49.00	50.00	1.00	560	0.10
UCR22016	27.00	31.00	4.00	505	0.10
UCR22017	3.00	5.00	2.00	635	0.10
UCR22017	12.00	19.00	7.00	666	0.10
Incl:	15.00	16.00	1.00	1220	0.12
UCR22018	5.00	15.00	10.00	520	0.10
UCR22018	22.00	25.00	3.00	743	0.10
UCR22018	38.00	47.00	9.00	546	0.10
UCR22018	57.00	58.00	1.00	770	0.10
UCR22018	61.00	64.00	3.00	737	0.10
Incl:	61.00	62.00	1.00	1220	0.12
UCR22018	82.00	84.00	2.00	510	0.10
UCR22019	10.00	11.00	1.00	520	0.10
UCR22019	21.00	22.00	1.00	510	0.10



UCR22019	26.00	27.00	1.00	510	0.10
UCR22019	38.00	39.00	1.00	510	0.10
UCR22019	41.00	42.00	1.00	620	0.10
UCR22019	47.00	49.00	2.00	555	0.10
UCR22019	55.00	56.00	1.00	570	0.10
UCR22019	79.00	90.00	2.00	625	0.10
UCR22019	90.00	95.00	5.00	1122	0.11
UCR22019	21.00	24.00	3.00	520	0.10
UCR22021	36.00	37.00	1.00	510	0.10
UCR22024	22.00	25.00	3.00	630	0.10
UCR22024	38.00	39.00	1.00	520	0.10
UCR22026	33.00	35.00	2.00	610	0.10
UCR22026	42.00	47.00	5.00	516	0.10
UCR22026	49.00	50.00	1.00	590	0.10
UCR22027	42.00	43.00	1.00	700	0.10
UCR22027	55.00	56.00	1.00	580	0.10
UCR22028	32.00	37.00	5.00	682	0.10
UCR22028	52.00	53.00	1.00	510	0.10
UCR22028	54.00	55.00	1.00	520	0.10
UCR22028	56.00	57.00	1.00	540	0.10
UCR22028	58.00	59.00	1.00	590	0.10
UCR22029	12.00	14.00	2.00	695	0.10
UCR22029	17.00	20.00	3.00	550	0.10
UCR22029	37.00	43.00	6.00	740	0.10
Incl:	42.00	43.00	1.00	1000	0.10
UCR22030	21.00	24.00	3.00	673	0.10
UCR22030	34.00	35.00	1.00	540	0.10
UCR22031	11.00	12.00	1.00	610	0.10
UCR22031	20.00	28.00	8.00	535	0.10
UCR22031	68.00	69.00	1.00	540	0.10
UCR22032	13.00	17.00	4.00	543	0.10
UCR22032	20.00	21.00	1.00	530	0.10
UCR22032	29.00	30.00	1.00	580	0.10
UCR22033	3.00	4.00	1.00	510	0.10
UCR22034	1.00	39.00	38.00	655	0.10
Incl:	13.00	18.00	5.00	1028	0.10
UCR22034	51.00	52.00	1.00	530	0.10
UCR22035	15.00	18.00	3.00	660	0.10
UCR22035	27.00	40.00	13.00	585	0.10
UCR22035	45.00	46.00	1.00	720	0.10
UCR22035	50.00	57.00	7.00	703	0.10
UCR22035	62.00	66.00	4.00	645	0.10
UCR22038	5.00	14.00	9.00	584	0.10
UCR22038	22.00	24.00	2.00	610	0.10
UCR22038	27.00	29.00	2.00	560	0.10
UCR22038	42.00	54.00	12.00	692	0.10
UCR22039	14.00	16.00	2.00	565	0.10
UCR22039	21.00	29.00	8.00	599	0.10

UCR22040	13.00	14.00	1.00	570	0.10
UCR22041	80.00	81.00	1.00	1620	0.20
UCR22043	87.00	96.00	9.00	1028	0.10
UCR22044	106.00	109.00	3.00	537	0.10
UCR22044	113.00	117.00	4.00	588	0.10
Incl:	116.00	117.00	1.00	1150	0.12
UCR22046	16.00	17.00	1.00	570	0.10
UCR22046	16.00	35.00	5.00	578	0.10
UCR22047	34.00	36.00	2.00	710	0.10
UCR22047	41.00	44.00	3.00	777	0.10
UCR22048	87.00	88.00	1.00	600	0.10
UCR22048	90.00	91.00	1.00	550	0.10
UCR22049	39.00	40.00	1.00	690	0.10
UCR22049	52.00	53.00	1.00	790	0.10
UCR22050	54.00	56.00	2.00	520	0.10
UCR22050	96.00	98.00	2.00	605	0.10
UCR22050	112.00	114.00	2.00	545	0.10
UCR22052	51.00	56.00	5.00	970	0.10
Incl:	53.00	56.00	3.00	1240	0.12
UCR22052	64.00	65.00	1.00	520	0.10
UCR22053	28.00	29.00	1.00	590	0.10
UCR22054	11.00	14.00	3.00	533	0.10
UCR22054	88.00	89.00	1.00	530	0.10
UCR22054	101.00	102.00	1.00	580	0.10
UCR22055	59.00	60.00	1.00	530	0.10
UCR22056	0.00	1.00	1.00	560	0.10
UCR22056	9.00	10.00	1.00	580	0.10
UCR22056	59.00	60.00	1.00	540	0.10
UCR22056	65.00	73.00	8.00	514	0.10

Table 3. Full table of best intersections from the 2022 Upper Coondina RC drill programme. Intersections are reported as down-hole widths using a cut-off of 500ppm **Rb<sub>2</sub>O** and a maximum of 3m internal dilution.

BHID	FROM	TO	WIDTH	Rb <sub>2</sub> O_ppm
UCR22001	9.00	11.00	2.00	656
UCR22001	55.00	58.00	3.00	563
UCR22002	27.00	29.00	2.00	957
UCR22002	40.00	41.00	1.00	667
UCR22002	50.00	57.00	7.00	1121
Incl:	53.00	54.00	1.00	5386
UCR22003	11.00	12.00	1.00	514
UCR22005	0.00	1.00	1.00	563
UCR22005	7.00	11.00	4.00	582
UCR22005	38.00	39.00	1.00	503
UCR22005	48.00	49.00	1.00	585
UCR22006	58.00	59.00	1.00	503
UCR22007	0.00	1.00	1.00	612
UCR22007	36.00	41.00	4.00	514

UCR22008	37.00	38.00	1.00	552
UCR22008	54.00	55.00	1.00	607
UCR22009	0.00	1.00	1.00	705
UCR22009	3.00	4.00	1.00	530
UCR22009	30.00	33.00	3.00	899
Incl:	30.00	31.00	1.00	1105
UCR22009	44.00	46.00	2.00	566
UCR22010	0.00	3.00	3.00	851
Incl:	2.00	3.00	1.00	1094
UCR22010	30.00	54.00	24.00	772
Incl:	43.00	50.00	7.00	1011
UCR22011	9.00	10.00	1.00	580
UCR22011	13.00	14.00	1.00	585
UCR22011	32.00	33.00	1.00	541
UCR22011	57.00	58.00	1.00	558
UCR22011	61.00	67.00	6.00	506
UCR22011	70.00	71.00	1.00	525
UCR22012	6.00	7.00	1.00	689
UCR22012	19.00	21.00	2.00	831
UCR22012	25.00	26.00	1.00	541
UCR22012	43.00	44.00	1.00	503
UCR22012	46.00	48.00	2.00	653
UCR22012	55.00	56.00	1.00	618
UCR22013	3.00	4.00	1.00	727
UCR22013	10.00	11.00	1.00	563
UCR22013	22.00	30.00	8.00	504
UCR22013	54.00	60.00	6.00	752
Incl:	57.00	58.00	1.00	1012
UCR22014	2.00	4.00	2.00	812
UCR22014	18.00	19.00	1.00	673
UCR22014	25.00	30.00	5.00	843
Incl:	25.00	26.00	1.00	1012
UCR22014	38.00	47.00	9.00	804
Incl:	38.00	39.00	1.00	1061
UCR22015	1.00	7.00	6.00	640
Incl:	1.00	2.00	1.00	1230
UCR22015	11.00	17.00	6.00	868
UCR22015	26.00	30.00	4.00	697
Incl:	11.00	13.00	2.00	1247
UCR22015	54.00	56.00	2.00	1003
Incl:	54.00	55.00	1.00	1444
UCR22015	61.00	63.00	2.00	741
UCR22015	72.00	74.00	2.00	837
Incl:	72.00	73.00	1.00	1012
UCR22015	99.00	103.00	4.00	618
UCR22016	1.00	8.00	7.00	541
UCR22016	25.00	32.00	7.00	487
UCR22016	41.00	42.00	1.00	601

UCR22016	53.00	54.00	1.00	596
UCR22016	59.00	60.00	1.00	919
UCR22017	3.00	5.00	2.00	858
Incl:	3.00	4.00	1.00	1094
UCR22017	9.00	10.00	1.00	503
UCR22017	19.00	21.00	2.00	588
UCR22017	23.00	29.00	6.00	529
UCR22018	0.00	12.00	12.00	628
Incl:	1.00	2.00	1.00	1269
UCR22018	16.00	17.00	1.00	503
UCR22018	22.00	23.00	1.00	612
UCR22018	36.00	44.00	8.00	714
Incl:	36.00	37.00	1.00	1148
UCR22018	57.00	58.00	1.00	530
UCR22018	62.00	63.00	1.00	585
UCR22018	71.00	77.00	6.00	703
Incl:	71.00	72.00	1.00	1542
UCR22018	90.00	92.00	2.00	973
UCR22019	16.00	17.00	1.00	935
UCR22019	30.00	31.00	1.00	957
UCR22019	36.00	43.00	7.00	555
UCR22019	60.00	64.00	4.00	956
Incl:	62.00	63.00	1.00	1537
UCR22019	100.00	102.00	2.00	889
Incl:	101.00	102.00	1.00	1110
UCR22020	0.00	1.00	1.00	662
UCR22020	13.00	21.00	8.00	580
Incl:	19.00	20.00	1.00	1165
UCR22020	30.00	31.00	1.00	771
UCR22021	0.00	1.00	1.00	541
UCR22021	32.00	37.00	5.00	940
Incl:	33.00	35.00	2.00	1329
UCR22021	53.00	54.00	1.00	1066
UCR22022	25.00	26.00	1.00	519
UCR22022	50.00	51.00	1.00	547
UCR22023	52.00	54.00	2.00	689
UCR22024	22.00	25.00	3.00	1199
Incl:	23.00	24.00	1.00	1657
UCR22025	0.00	1.00	1.00	509
UCR22026	21.00	33.00	12.00	716
Incl:	30.00	33.00	3.00	1338
UCR22026	41.00	43.00	2.00	1020
UCR22027	3.00	9.00	6.00	850
Incl:	4.00	6.00	2.00	1148
UCR22027	49.00	51.00	2.00	913
UCR22028	8.00	9.00	1.00	503
UCR22028	21.00	26.00	5.00	455
UCR22028	36.00	39.00	3.00	884

Incl:	38.00	39.00	1.00	1017
UCR22028	44.00	45.00	1.00	618
UCR22028	59.00	60.00	1.00	1241
UCR22029	14.00	16.00	2.00	897
Incl:	14.00	15.00	1.00	1176
UCR22029	29.00	30.00	1.00	503
UCR22029	41.00	42.00	1.00	946
UCR22029	54.00	55.00	1.00	749
UCR22030	9.00	11.00	2.00	607
UCR22030	21.00	24.00	3.00	744
UCR22030	29.00	34.00	5.00	494
UCR22030	46.00	48.00	2.00	607
UCR22030	55.00	63.00	8.00	910
Incl:	56.00	58.00	2.00	1698
UCR22031	5.00	6.00	1.00	552
UCR22031	21.00	29.00	8.00	632
UCR22032	9.00	10.00	1.00	580
UCR22032	30.00	31.00	1.00	618
UCR22032	36.00	40.00	4.00	525
UCR22033	17.00	18.00	1.00	547
UCR22033	23.00	36.00	13.00	576
Incl:	30.00	31.00	1.00	1115
UCR22033	64.00	65.00	1.00	990
UCR22034	7.00	8.00	1.00	509
UCR22034	11.00	12.00	1.00	623
UCR22034	16.00	19.00	3.00	570
UCR22034	24.00	31.00	7.00	685
Incl:	24.00	26.00	2.00	1140
UCR22034	39.00	40.00	1.00	673
UCR22034	54.00	55.00	1.00	558
UCR22034	58.00	59.00	1.00	694
UCR22035	23.00	27.00	4.00	521
UCR22035	31.00	48.00	17.00	524
Incl:	40.00	41.00	1.00	1285
UCR22035	58.00	59.00	1.00	519
UCR22035	62.00	63.00	1.00	530
UCR22036	18.00	19.00	1.00	1187
UCR22036	33.00	39.00	3.00	714
UCR22036	44.00	45.00	1.00	569
UCR22036	55.00	63.00	8.00	599
Incl:	57.00	58.00	1.00	1154
UCR22037	35.00	36.00	1.00	656
UCR22037	49.00	50.00	1.00	831
UCR22037	50.00	51.00	1.00	705
UCR22038	3.00	4.00	1.00	612
UCR22038	21.00	22.00	1.00	700
UCR22038	26.00	27.00	1.00	634
UCR22038	33.00	34.00	1.00	711

UCR22038	41.00	50.00	9.00	676
Incl:	45.00	47.00	2.00	1170
UCR22038	56.00	57.00	1.00	815
UCR22039	0.00	4.00	4.00	556
UCR22039	23.00	28.00	5.00	1110
Incl:	23.00	24.00	1.00	1438
UCR22039	40.00	41.00	1.00	547
UCR22040	4.00	5.00	1.00	601
UCR22040	14.00	20.00	6.00	921
Incl:	16.00	19.00	3.00	1256
UCR22040	28.00	29.00	1.00	530
UCR22040	33.00	34.00	1.00	536
UCR22041	18.00	19.00	1.00	519
UCR22041	29.00	30.00	1.00	1416
UCR22041	35.00	36.00	1.00	519
UCR22041	59.00	60.00	1.00	722
UCR22042	44.00	45.00	1.00	673
UCR22042	52.00	53.00	1.00	662
UCR22042	69.00	72.00	3.00	1145
UCR22042	78.00	79.00	1.00	514
UCR22042	87.00	91.00	4.00	742
Incl:	87.00	88.00	1.00	1033
UCR22042	105.00	106.00	1.00	804
UCR22043	16.00	17.00	1.00	563
UCR22043	46.00	47.00	1.00	569
UCR22043	62.00	63.00	1.00	755
UCR22043	65.00	66.00	1.00	547
UCR22043	69.00	70.00	1.00	612
UCR22044	20.00	21.00	1.00	935
UCR22044	46.00	47.00	1.00	514
UCR22044	63.00	64.00	1.00	634
UCR22044	107.00	108.00	1.00	673
UCR22045	35.00	36.00	1.00	519
UCR22045	46.00	50.00	4.00	562
UCR22045	52.00	55.00	3.00	587
UCR22045	96.00	97.00	1.00	744
UCR22045	104.00	128.00	24.00	618
Incl:	120.00	122.00	2.00	1031
UCR22046	31.00	32.00	1.00	755
UCR22046	53.00	54.00	1.00	569
UCR22047	20.00	21.00	1.00	596
UCR22047	43.00	44.00	1.00	820
UCR22047	66.00	68.00	2.00	599
UCR22048	59.00	61.00	2.00	809
UCR22048	79.00	80.00	1.00	530
UCR22048	90.00	91.00	2.00	607
UCR22049	30.00	34.00	4.00	919
Incl:	31.00	33.00	2.00	1181

UCR22049	50.00	54.00	4.00	704
UCR22050	23.00	24.00	1.00	503
UCR22050	94.00	95.00	1.00	623
UCR22052	7.00	8.00	1.00	530
UCR22052	51.00	66.00	15.00	598
Incl:	51.00	52.00	1.00	1624
UCR22053	0.00	6.00	6.00	824
Incl:	4.00	5.00	1.00	1400
UCR22053	19.00	20.00	1.00	585
UCR22053	23.00	24.00	1.00	766
UCR22053	27.00	28.00	1.00	623
UCR22053	33.00	39.00	6.00	913
Incl:	33.00	35.00	2.00	1468
UCR22053	50.00	51.00	1.00	514
UCR22054	0.00	1.00	1.00	1094
UCR22054	12.00	14.00	2.00	1260
Incl:	12.00	13.00	1.00	1728
UCR22054	49.00	54.00	5.00	1210
Incl:	49.00	50.00	1.00	1744
UCR22054	61.00	62.00	1.00	525
UCR22054	87.00	88.00	1.00	733
UCR22054	94.00	102.00	8.00	667
Incl:	96.00	97.00	1.00	1613
UCR22055	3.00	6.00	3.00	585
UCR22055	18.00	19.00	1.00	503
UCR22055	30.00	36.00	6.00	502
Incl:	30.00	31.00	1.00	1290
UCR22055	45.00	47.00	2.00	1066
Incl:	45.00	46.00	1.00	1564
UCR22056	21.00	23.00	2.00	995
UCR22056	28.00	30.00	2.00	916
Incl:	29.00	30.00	1.00	1132
UCR22056	36.00	37.00	1.00	673
UCR22056	60.00	61.00	1.00	902
UCR22056	76.00	77.00	1.00	574
UCR22056	100.00	101.00	1.00	563
UCR22056	108.00	109.00	1.00	569
UCR22056	114.00	116.00	2.00	1146
Incl:	114.00	115.00	1.00	1673

Table 4. Full table of best intersections from the 2022 Upper Coondina RC drill programme. Intersections are reported as down-hole widths using a cut-off of 20ppm Ta<sub>2</sub>O<sub>5</sub>\_ppm and a maximum of 3m internal dilution.

BHID	FROM	TO	WIDTH	Ta <sub>2</sub> O <sub>5</sub> _ppm
UCR22001	41.00	42.00	1.00	26
UCR22001	56.00	57.00	1.00	34
UCR22001	61.00	62.00	1.00	24
UCR22002	27.00	30.00	3.00	39

UCR22002	46.00	48.00	2.00	24
UCR22002	52.00	54.00	2.00	33
UCR22003	11.00	12.00	1.00	29
UCR22005	0.00	1.00	1.00	43
UCR22007	3.00	4.00	1.00	21
UCR22007	28.00	29.00	1.00	31
UCR22007	36.00	37.00	1.00	24
UCR22009	30.00	33.00	3.00	33
UCR22010	2.00	4.00	2.00	34
UCR22010	32.00	33.00	1.00	21
UCR22010	39.00	52.00	13.00	24
UCR22011	32.00	33.00	1.00	26
UCR22011	57.00	58.00	1.00	35
UCR22011	66.00	67.00	1.00	28
UCR22012	6.00	7.00	1.00	42
UCR22012	20.00	21.00	1.00	27
UCR22012	46.00	48.00	2.00	31
UCR22012	56.00	57.00	1.00	40
UCR22013	10.00	11.00	1.00	44
UCR22013	22.00	23.00	1.00	24
UCR22013	29.00	30.00	1.00	23
UCR22013	58.00	59.00	1.00	22
UCR22014	3.00	4.00	1.00	22
UCR22014	18.00	20.00	2.00	29
UCR22014	27.00	29.00	2.00	27
UCR22014	38.00	46.00	8.00	20
UCR22014	56.00	57.00	1.00	29
UCR22015	0.00	1.00	1.00	21
UCR22015	2.00	3.00	1.00	23
UCR22015	6.00	7.00	1.00	39
UCR22015	11.00	17.00	6.00	26
UCR22015	27.00	29.00	2.00	50
UCR22015	54.00	56.00	2.00	39
UCR22015	99.00	102.00	3.00	23
UCR22016	26.00	27.00	1.00	38
UCR22016	59.00	60.00	1.00	21
UCR22017	3.00	4.00	1.00	42
UCR22017	12.00	13.00	1.00	73
UCR22017	25.00	29.00	4.00	23
UCR22018	1.00	10.00	9.00	20
UCR22018	22.00	23.00	1.00	21
UCR22018	35.00	44.00	9.00	20
UCR22018	53.00	54.00	1.00	22
UCR22018	71.00	73.00	2.00	24
UCR22018	91.00	92.00	1.00	23
UCR22019	9.00	10.00	1.00	23
UCR22019	30.00	31.00	1.00	38
UCR22019	36.00	41.00	5.00	19
UCR22019	61.00	64.00	3.00	26
UCR22019	101.00	103.00	2.00	23



UCR22020	13.00	14.00	1.00	28
UCR22020	17.00	21.00	4.00	27
UCR22021	32.00	37.00	5.00	29
UCR22021	53.00	54.00	1.00	24
UCR22022	50.00	51.00	1.00	34
UCR22023	52.00	54.00	2.00	41
UCR22024	24.00	25.00	1.00	26
UCR22026	21.00	33.00	12.00	27
UCR22026	42.00	43.00	1.00	33
UCR22027	0.00	1.00	1.00	26
UCR22027	4.00	9.00	5.00	23
UCR22028	21.00	26.00	5.00	49
UCR22028	36.00	39.00	3.00	27
UCR22028	59.00	60.00	1.00	26
UCR22029	14.00	15.00	1.00	29
UCR22030	9.00	10.00	1.00	27
UCR22030	22.00	23.00	1.00	23
UCR22030	29.00	30.00	1.00	33
UCR22030	57.00	63.00	6.00	40
UCR22031	2.00	3.00	1.00	21
UCR22030	5.00	7.00	2.00	33
UCR22031	21.00	23.00	2.00	26
UCR22031	25.00	26.00	1.00	24
UCR22032	6.00	7.00	1.00	51
UCR22032	13.00	14.00	1.00	26
UCR22032	36.00	37.00	1.00	32
UCR22032	39.00	40.00	1.00	23
UCR22032	44.00	45.00	1.00	27
UCR22033	24.00	26.00	2.00	27
UCR22033	27.00	28.00	1.00	22
UCR22033	30.00	31.00	1.00	21
UCR22034	7.00	12.00	5.00	20
UCR22034	16.00	19.00	3.00	47
UCR22034	24.00	27.00	3.00	24
UCR22034	39.00	40.00	1.00	21
UCR22035	6.00	8.00	2.00	23
UCR22035	26.00	27.00	1.00	26
UCR22035	31.00	32.00	1.00	27
UCR22035	34.00	35.00	1.00	26
UCR22035	36.00	37.00	1.00	23
UCR22035	40.00	42.00	2.00	31
UCR22035	63.00	64.00	1.00	33
UCR22036	38.00	39.00	1.00	34
UCR22036	55.00	58.00	3.00	23
UCR22036	62.00	63.00	1.00	26
UCR22037	33.00	34.00	1.00	22
UCR22037	35.00	36.00	1.00	23
UCR22037	49.00	51.00	2.00	27
UCR22038	3.00	4.00	1.00	29
UCR22038	33.00	34.00	1.00	29

UCR22038	40.00	49.00	9.00	21
UCR22039	23.00	27.00	4.00	26
UCR22039	54.00	55.00	1.00	21
UCR22040	16.00	20.00	4.00	38
UCR22040	51.00	52.00	1.00	24
UCR22041	0.00	1.00	1.00	28
UCR22041	29.00	30.00	1.00	72
UCR22041	59.00	60.00	1.00	22
UCR22042	44.00	45.00	1.00	24
UCR22042	48.00	49.00	1.00	32
UCR22042	70.00	72.00	2.00	24
UCR22042	88.00	89.00	1.00	22
UCR22042	90.00	91.00	1.00	22
UCR22043	62.00	63.00	1.00	67
UCR22043	65.00	66.00	1.00	40
UCR22043	69.00	70.00	1.00	42
UCR22044	13.00	14.00	1.00	42
UCR22044	21.00	22.00	1.00	24
UCR22045	48.00	49.00	1.00	39
UCR22045	52.00	53.00	1.00	24
UCR22045	54.00	55.00	1.00	21
UCR22045	90.00	91.00	1.00	55
UCR22045	105.00	106.00	1.00	56
UCR22045	119.00	126.00	7.00	36
UCR22046	31.00	33.00	2.00	48
UCR22047	14.00	15.00	1.00	29
UCR22047	20.00	21.00	1.00	24
UCR22047	33.00	34.00	1.00	28
UCR22047	44.00	45.00	1.00	32
UCR22047	66.00	68.00	2.00	29
UCR22048	59.00	60.00	1.00	55
UCR22048	90.00	91.00	1.00	85
UCR22049	31.00	33.00	2.00	45
UCR22050	32.00	33.00	1.00	21
UCR22050	94.00	95.00	1.00	31
UCR22051	19.00	20.00	1.00	24
UCR22052	6.00	7.00	1.00	21
UCR22052	49.00	53.00	4.00	19
UCR22052	58.00	59.00	1.00	24
UCR22049	0.00	2.00	2.00	45
UCR22053	34.00	39.00	5.00	20
UCR22053	50.00	51.00	1.00	21
UCR22054	0.00	1.00	1.00	24
UCR22054	12.00	13.00	1.00	118
UCR22054	49.00	53.00	4.00	20
UCR22054	79.00	80.00	1.00	22
UCR22054	87.00	88.00	1.00	28
UCR22054	96.00	97.00	1.00	43
UCR22055	4.00	6.00	2.00	29
UCR22055	35.00	36.00	1.00	28

<b>UCR22055</b>	<b>45.00</b>	<b>47.00</b>	<b>2.00</b>	<b>53</b>
<b>UCR22056</b>	<b>20.00</b>	<b>23.00</b>	<b>3.00</b>	<b>59</b>
<b>UCR22056</b>	<b>28.00</b>	<b>30.00</b>	<b>2.00</b>	<b>48</b>
<b>UCR22056</b>	<b>60.00</b>	<b>61.00</b>	<b>1.00</b>	<b>23</b>
<b>UCR22056</b>	<b>76.00</b>	<b>77.00</b>	<b>1.00</b>	<b>28</b>

# JORC Code, 2012 Edition – Table 1

## Section 1 Sampling Techniques and Data

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

Criteria	JORC Code Explanation	Commentary
<b>Sampling Techniques</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> </ul>	<ul style="list-style-type: none"> <li>RC drilling (RC) has been carried out by MetalsGrove Mining Ltd at the Upper Coondina lithium project. Samples representing one metre downhole intervals have been collected, with the corresponding interval logged and preserved in chip trays.</li> <li>Samples collected on the RC drill rig are split using a static cone splitter mounted beneath a cyclone return system to produce a representative sample.</li> <li>Sample sizes range from 2-4kg are considered appropriate for the material sampled.</li> </ul>
<b>Drilling Techniques</b>	<ul style="list-style-type: none"> <li>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of The samples were rock chip samples, no drill samples were collected.</li> </ul>	<ul style="list-style-type: none"> <li>Reverse Circulation drilling was undertaken using 137mm DTH face sampling hammer.</li> </ul>
<b>Drill Sample Recovery</b>	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximize sample recovery and ensure representative nature of the samples.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Drill recovery was good with almost all drilling being dry.</li> </ul>
<b>Logging</b>	<ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of</li> </ul>	<ul style="list-style-type: none"> <li>Logging was undertaken and is considered qualitative in nature. Chip samples are collected and</li> </ul>

Criteria	JORC Code Explanation	Commentary
	<p>detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</p> <ul style="list-style-type: none"> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<p>photographed.</p>
<b>Sub-sampling Techniques and Sample Preparation</b>	<ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximize representivity of samples.</li> <li>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.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul style="list-style-type: none"> <li>Samples prepared at Nagrom were dried and crushed to a top size of 6.3mm. Crushed samples were pulverised to 80% passing 75 microns. 1:20 samples were split to produce a duplicate for QAQC purposes.</li> <li>The preparation methods are appropriate for the sampling method.</li> </ul>
<b>Quality of Assay Data and Laboratory Tests</b>	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>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.</li> <li>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of</li> </ul>	<ul style="list-style-type: none"> <li>At Nagrom, prepared RC samples were fused with sodium peroxide and digested in dilute hydrochloric acid. The resultant solution was analysed by ICP (lab code ICP005_MS) for Li, Li<sub>2</sub>O, Be, Cs, Ga, Mo, Nb, Rb, Sn, Ta and ICP005_OES for Al, Ca, Fe, K, P, S, Si, Ti, Mg, Mn, V.</li> <li>The sodium peroxide fusion – hydrochloric digest method offers total dissolution of the sample and is useful for LCT mineral matrices that may resist acid digestions</li> <li>Industry, normal practice, QAQC procedures were followed by</li> </ul>

Criteria	JORC Code Explanation	Commentary
	<i>accuracy (i.e. lack of bias) and precision have been established.</i>	Nagrom
<b>Verification of Sampling and Assaying</b>	<ul style="list-style-type: none"> <li><i>The verification of significant intersections by either independent or alternative company personnel.</i></li> <li><i>The use of twinned holes.</i></li> <li><i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></li> <li><i>Discuss any adjustment to assay data.</i></li> </ul>	<ul style="list-style-type: none"> <li>Not applicable for the early-stage exploratory programs undertaken.</li> <li>No adjustments to applied to data apart from reporting values as common oxides.</li> </ul>
<b>Location of Data Points</b>	<ul style="list-style-type: none"> <li><i>Accuracy and quality of surveys used to locate drillholes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i></li> <li><i>Specification of the grid system used.</i></li> <li><i>Quality and adequacy of topographic control.</i></li> </ul>	<ul style="list-style-type: none"> <li>All locations have been presented in zone 50 GDA 1994 MGA.</li> <li>All RC holes were survey using a DPGS at an accuracy of 0.3m horizontally and 1.0m vertically.</li> </ul>
<b>Data Spacing and Distribution</b>	<ul style="list-style-type: none"> <li><i>Data spacing for reporting of Exploration Results.</i></li> <li><i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i></li> <li><i>Whether sample compositing has been applied.</i></li> </ul>	<ul style="list-style-type: none"> <li>Not applicable for the early-stage exploratory programs undertaken.</li> </ul>
<b>Orientation of data in relation to geological structure</b>	<ul style="list-style-type: none"> <li><i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></li> <li><i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i></li> </ul>	<ul style="list-style-type: none"> <li>Too early to determine orientation of pegmatites however the larger pegmatites appear to dip at low angles.</li> <li>There was no apparent sample bias related to the orientation of the drill samples.</li> </ul>

Criteria	JORC Code Explanation	Commentary
<b>Sample security</b>	<ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>	<ul style="list-style-type: none"> <li>Samples were collected and delivered to the transport depot by consultants and then transported by contractor to the laboratory.</li> </ul>
<b>Audits or Reviews</b>	<ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul style="list-style-type: none"> <li>No external audits or reviews of the sampling techniques and data has been conducted.</li> </ul>

## Section 2 Reporting of Exploration Results

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

Criteria	JORC Code Explanation	Commentary
<b>Mineral Tenement and Land Tenure Status</b>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Surface shallow RC drilling was completed from tenement E45/5952.</li> <li>There are no third-party arrangements or royalties etc. to impede exploration on the tenure.</li> <li>There are no reserves or national parks to impede exploration on the tenure.</li> <li>Ownership – 100% MetalsGrove Mining Ltd.</li> </ul>
<b>Exploration Done by Other Parties</b>	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>All historical work referenced in this report has been undertaken by previous project explorers. Whilst it could be expected that work and reporting practices were of an adequate standard, this cannot be confirmed.</li> </ul>
<b>Geology</b>	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<ul style="list-style-type: none"> <li>The tenement lies within what is generally referred to as the Shaw Tin Field (Blockley, 1980), owing to the numerous alluvial tin and tantalum deposits in the area. The tin (mainly cassiterite) and tantalum (mainly tantalite) mineralisation were derived from albite pegmatites intruded along the margins of the post-tectonic Cooglegong and Spear Hill Monzogranites, which belong to the Split Rock</li> </ul>

Criteria	JORC Code Explanation	Commentary
		Supersuite. Practically all of the tin concentrate produced from 1965–1968 came from shallow alluvial deposits following small, first or second order tributaries of the Shaw River. Tin-bearing gravels are restricted to the upper parts of the streams (Blockley, 1980).
<b>Drill hole Information</b>	<ul style="list-style-type: none"> <li>• A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drillholes:</li> <li>• easting and northing of the drillhole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drillhole collar dip and azimuth of the hole</li> <li>• down hole length and interception depth hole length.</li> </ul>	<ul style="list-style-type: none"> <li>• All details of drill holes from phase 1 programs included in Table 1.</li> <li>• Table 2, 3 and 4 contains a summary of anomalous drill assays from phase 1.</li> </ul>
<b>Data Aggregation Methods</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• 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.</li> <li>• The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul style="list-style-type: none"> <li>• Weighted average grades are reported in the text and in Table 2, 3 and 4. The minimum grade within a pegmatite sample is 0.05% Li<sub>2</sub>O, 500ppm Rb<sub>2</sub>O and 20ppm Ta<sub>2</sub>O<sub>5</sub>. No top cut was used.</li> <li>• Anomalous intercepts included any combination of the following criteria: &gt;500ppm Li<sub>2</sub>O, 500ppm Rb<sub>2</sub>O or 20ppm Ta<sub>2</sub>O<sub>5</sub>.</li> </ul>
<b>Relationship Between Mineralisation Widths and Intercept Lengths</b>	<ul style="list-style-type: none"> <li>• If the geometry of the mineralisation with respect to the drillhole angle is known, its nature should be reported.</li> </ul>	<ul style="list-style-type: none"> <li>• The true width of pegmatites at this stage are unknown. The orientation of pegmatites appears to be variable from steep to low angle.</li> </ul>



<b>Criteria</b>	<b>JORC Code Explanation</b>	<b>Commentary</b>
<b>Diagrams</b>	<ul style="list-style-type: none"> <li>• <i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drillhole collar locations and appropriate sectional views.</i></li> </ul>	<ul style="list-style-type: none"> <li>• See maps in the body of the report.</li> </ul>
<b>Balanced Reporting</b>	<ul style="list-style-type: none"> <li>• <i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced avoiding misleading reporting of Exploration Results.</i></li> </ul>	<ul style="list-style-type: none"> <li>• All exploration data and results conducted by MetalsGrove to date have been reported.</li> </ul>
<b>Other Substantive Exploration Data</b>	<ul style="list-style-type: none"> <li>• <i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i></li> </ul>	<ul style="list-style-type: none"> <li>• All relevant and material exploration data for the target areas discussed, has been reported.</li> </ul>
<b>Further Work</b>	<ul style="list-style-type: none"> <li>• <i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></li> <li>• <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></li> </ul>	<ul style="list-style-type: none"> <li>• MetalsGrove Mining Ltd is planning to undertake further drilling, mapping and sampling within the project area.</li> </ul>