Mt Cattlin Resource Update with Higher Grade

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BRISBANE, April 17, 2023 - Allkem Ltd. (ASX|TSX: AKE, "Allkem" or the "Company") provides an updated Mineral Resource Estimate ("MRE") and development drilling update at 31 December 2022 for its Mt Cattlin operation in Western Australia.

HIGHLIGHTS

- The completion of a major infill drilling program (132 drillholes 31,231 metres) and review of the MRE has successfully converted Inferred resources to Indicated category. Total tonnes of contained metal increased by 4%
- The updated Mineral Resource of 12.8 Mt @ 1.3% Li_2O and 179ppm Ta_2O_5 reflects higher lithium grade with 92% of the total resource tonnage now sitting in the Indicated category (up by 130%), supporting an upcoming Reserve update and life of mine extension review
- Open pit and underground mining studies are currently being undertaken which include diamond drilling for geotechnical purposes and additional metallurgical test work. This will result in a revised ore reserve and will determine the trade-off between open pit and underground mining options
- Stage 3 exploration drilling in the SW area has been completed and assay results are pending
- Further step out drilling is planned for late CY23 to test down dip extension of the pegmatite orebodies beyond the area included in this MRE

RESOURCE EXTENSION DRILLING

Allkem commenced a three-phase resource extension program in April 2022, the first phase targeting the conversion of inferred resource into the indicated category and the second to test two pegmatite lenses along strike and at depth.

Results were included in the 30 June 2022 Resource Update and interim drilling and assay results were released 5 October 2022 for 81 RC drillholes and 19,177 metres. Additional drilling for 51 RC drillholes for 12,054m were completed subsequently to total 132 drill holes for 31,231 (Figure 1, below).

Assay highlights from the upper pegmatite include:

Drill Hole ID	From (m)	To (m)	Width (m)	Li_2O%	Ta_2O_5ppm
NWRC214	102	117	15	1.71	157
NWRC229	53	67	14	2.02	52
NWRC230	58	76	18	1.42	90
NWRC237	66	83	17	1.46	87

Highlights from the lower pegmatite include:

Drill Hole_ID	From (m)	To (m)	Width (m)	Li_2O%	Ta_2O_5ppm
NWRC140	235	249	14	2.31	126
NWRC162	232	245	13	2.20	586
NWRC167	211	223	12	3.04	154
NWRC169	224	236	12	2.39	154

All intercepts are reported down hole, however the orientation of the drilling is such that intercepts are approximate true widths.

Drillhole collars are tabulated in Appendix 2, and all significant assays, with intercept lengths greater than

3m, with a maximum of 1m internal dilution are presented in Appendices 3 and 4 for the upper and lower pegmatite, respectively.

Figure 1: Mt Cattlin 2022 Mineral Resource drilling at NW pit

Figure 2: Mt Cattlin Cross section looking west

MINERAL RESOURCE UPDATE

The Mineral Resource Estimate at 31 December 2022 (Table 1) represents the 30 June 2022 resource estimate, adjusted for mining and stockpile depletion from 30 June to 31 December 2022 combined with infill drilling undertaken during 2022. The target pegmatites are drilled out to a nominal 40 x 40m spacing. The "Indicated" proportion of the classified Mineral Resource contained metal has increased by 130% with a corresponding decrease of 'Inferred" resources by -80%.

Table 1: Mt Cattlin Mineral Resource at 31 December 2022

Mineral Resource Estimate for the Mt Cattlin Spodumene Deposit reported at 0.4% cut off grade - All material types.

Category		Tonnage	Grade	Grade	Contained Metal	Contained Metal	Nett contained metal variance to prior Statement	
		Mt	% Li2O	ppm Ta_2O_5	('000) t Li_2O	lbs Ta2O5	%	
Measured	In-situ	0.1	1.0	170	1	37,000	100	%
Indicated	In-situ	9.6	1.4	134	134	2,899,000	130	%
	Stockpiles	1.8	0.8	122	14	484,000	-25	%
Inferred	In-situ	1.3	1.3	169	17	516,000	-80	%
Total Resource at 31 December 2022		12.8	1.3	179	167	3,936,000	4	%
Decrease							Notes	
Measured		-	-	-	-			
Indicated + Inferred		-0.4	1.3		-5		Mining depletion by tonnage reconciliation	
Indicated + Inferred		-2.9	1.1		-31		Elimination of fine-grained mineralisation and waste	
Stockpiles		-0.6	0.8		-5		Difference between ore tonnes mined and processed	
Increase							Notes	
Measured		0.1	1.0		1	37,000	Remnant in SW	
Indicated + Inferred		3.3	1.40		46	151,000	Addition at periphery and at depth	
Stockpiles (Indicated)		-	-	-	-	-	-	
Total Resource at 30 June 2022		13.3	1.2	131	161	3,835,000		

Notes: Reported at cut-off grade of 0.4% Li_2O. The proportion of potential open pit (64%) and underground

resource (36%) is tabulated below (Table 2). The statements of Mineral Resources conforms to the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code) 2012 edition. All tonnages reported are dry metric tonnes. Excludes mineralisation classified as oxide and transitional. Minor discrepancies may occur due to rounding to appropriate significant figures.

The Mineral Resources are reported at a cut-off of 0.4% Li_2O. Table 2 below demonstrates that 64% of the Mineral Resource reports inside a USD 1,100 pit shell which satisfies the requirements for Reasonable Prospects for Eventual Economic Extraction ("RPEEE") as defined in the JORC Code (2012) and is potentially minable by open cut methods. The remainder of the resource is a direct continuation of the mineralised pegmatites and may be minable by underground mining methods such as room and pillar with decline access. This will be confirmed in studies that are underway. The updated resource has been depleted for mining and stockpile reclamation (by tonnes) in the six month period between this update and the previous estimate.

Table 2: Classified Mt Cattlin Mineral Resource depleted for mining as at 31 December 2022

Mineral Resource Estimate for the Mt Cattlin Spodumene Deposit - December 2022 (excluding stockpiles)											
Material	Cut-Off	Measured				Indicated				Inferred	
		Tonnes (kt)	Li2O %	Ta2O5 ppm	Fe2O3 %	Tonnes (kt)	Li2O %	Ta2O5 ppm	Fe2O3 %	Tonnes	
In-Pit Resource						6,900	1.4	137	1.91	57	
Remaining u/g Resource	0.40 %	92	1.0	206	2.18	2,700	1.3	224	2.06	1235	
Total		92	1.0	206	2.18	9,600	1.3	163	2.00	1,292	

The preceding statements of Mineral Resources conforms to the Australasian Code for Reporting of Exploration Result
tonnages reported are dry metric tonnes. Minor discrepancies may occur due to rounding to appropriate significant figu

The open pit RPEEE test was re-visited in H2 CY22 to reflect spodumene pricing at USD 900, 1,100 and 1,500 and FX AUD/USD 0.70. It was observed that both the USD 1,100 and 1,500 Mineral Resource remain limited by drilling data which will be resolved by further step out drilling planned for later in CY23. Depleted stockpiles at the same record date have been included in the Mineral Resource. Depletion of high-grade material, an updated optimised pit shell design and the impact of additional drilling is reflected in the updated Mineral Resource. Remnant classified Mineral Resources under the backfilled 2SW pit have been included as potential underground feed.

The resource classification has been applied to the MRE based on the drilling data spacing, grade and geological continuity, the quality of the resource estimate as defined by the slope of regression and data integrity. Following recent experiences with mining in the current pit, fine grained pegmatite and unmineralised pegmatite waste was domained out of the estimate at the geological modelling stage using a < 0.3% lithia wireframe supported with a Na_2O < 4% proxy.

- Minor portions immediately adjacent to the SW of the current mining area have been classified as Measured where prior grade control drilling had been completed. No portions of the NW area have been classified as Measured Mineral Resources
- Pegmatites that have been defined by drillholes on a spacing at or closer than 40 m by 40 m, estimated on the first two passes (up to the range of the variogram) and have returned a slope of regression value above 0.5 have been classified as Indicated Mineral Resources. In order to avoid the generation of an inconsistent classification each pegmatite domain is accessed individually and estimates within are used to classify the majority of Indicated blocks; and
- The blocks that have been estimated on either the first, second or third pass and have been defined by drillholes spaced wider apart than 40 m by 40 m, with lower levels of confidence in the quality of the estimate and hence in the continuity of grade, have been classified as Inferred Mineral Resources.

A description of the major factors that resulted in changes from the June 2022 Mineral Resource Estimate to the December 2022 Mineral Resource Estimate are:

- Depletion for mining and stockpile reclamation
- Change in resource classification to majority "Indicated" in a nominal 40 x 40m intercept spacing in the completed drill out
- Drill out at depth to the limits of the nominal RPEEE USD 1,100 pit shell

- Change in the methods of geological domaining to exclude pegmatite types (waste and fine-grained pegmatite) that result in poor or low metallurgical recoveries

The Mineral Resource Estimate depletion and reporting was supervised and completed by Allkem staff. Allkem has assumed responsibility for the logging, sampling, analytical and quality assurance/quality control protocols currently in place for estimates and depletions.

NEXT STEPS

Reserve update

Further HQ diameter diamond drilling has been completed with seven HQ size drillholes for 1,682m completed to support geometallurgical and geotechnical test work to inform the Mt Cattlin mine life extension study, which aims to inform approvals and design of both potential opencut and underground options. Initial results are expected by mid CY23.

Exploration Drilling

Exploration drilling to the southwest of the current mineralised pegmatites is complete and assays are awaited. The first drillhole SWRC089 (azure coloured collar in Figure 1) returned:

Hole ID	From (m)	To (m)	Width (m)	Li_2O%	Ta2O5 ppm
SWRC089	153	163	10	1.84	163
SWRC089	173	177	4	0.49	117

RESOURCE AND RESERVE CONTROLS & GOVERNANCE

Allkem ensures that quoted Mineral Resource and Ore Reserve estimates are subject to internal controls, peer review and validation at both project and corporate levels. Mineral Resource and Ore Reserves are estimated and reported in accordance with the 2012 edition of the JORC Code.

Allkem stores and collects exploration data using industry standard software that contains internal validation checks. Exploration samples from drilling have certified reference material standards introduced to the sample stream at set ratios, typically 1 per 25 samples. These are reported as necessary to the relevant Competent Persons to assess both accuracy and precision of the assay data applied to resource estimates. In resource modelling, block models are validated by checking the input drill hole composites against the block model grades by domain.

Allkem engages independent, qualified experts on a commercial fee for service basis, to undertake Mineral Resource and Ore Reserve audits. Allkem internally reconciles the resource outcomes to validate both the process and the outcome. A RPEEE has been tested against a Whittle Optimisation with only the revenue factor changed from USD 900, 1,100 and to 1,500.

The Company has developed its internal systems and controls to maintain JORC compliance in all external reporting, including the preparation of all reported data by Competent Persons who are members of the Australasian Institute of Mining and Metallurgy or a 'Recognised Professional Organisation'. As set out above, the Mineral Resource and Ore Reserve statements included in this announcement were reviewed by suitably qualified Competent Persons (below) prior to their inclusion, in the form and context announced.

This release was authorised by Mr Martin Perez de Solay, CEO and Managing Director of Allkem Ltd..

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Competent Person Statement

The information in this announcement that relates to Exploration Results and Mineral Resources is based on information compiled and supervised by Albert Thamm, B.Sc. (Hons)., M.Sc. F.Aus.IMM, a Competent Person who is a Fellow of The Australasian Institute of Mining and Metallurgy. Albert Thamm is a full-time employee of Galaxy Resources Pty. Limited. Albert Thamm has sufficient experience that is relevant to the style of mineralization and type of deposit under consideration and to the activity being undertaken 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'. Albert Thamm consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

The scientific and technical information contained in this announcement has been reviewed and approved by Albert Thamm, as it relates to geology, exploration, drilling, sample preparation, data verification and the depleted Mineral Resource.

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APPENDIX 1 - JORC 2012 TABLE 1 DISCLOSURE

Section 1: Sampling Techniques and Data

MT CATTLIN LITHIUM PROJECT SAMPLING AND DATA

Sampling techniques	*Nature and quality of sampling (e.g. cut channels, random chips, or specific specialized industry measurement tools appropriate to the minerals under investigation, such as down hole gamma s handheld XRF instruments, etc.). These examples should not be taken as limiting the broad mea sampling.* *Include reference to measures taken to ensure sample representivity and the appropriate calibra measurement tools or systems used.* *Aspects of the determination of mineralization that are Material to the Public Report.* *In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reve circulation drilling was used to obtain 1 m samples from which 3 kg was pulverized to produce a for fire assay'). In other cases more explanation may be required, such as where there is coarse has inherent sampling problems. Unusual commodities or mineralization types (e.g. submarine n warrant disclosure of detailed information.*

Hole_Type	Count	Metres	% Drillholes	% Metres
DDH	45	5,437.8	1.4%	3.1%
RC	3,173	169,037.8	98.2%	96.1%
RC_DDT	14	1,474.4	0.4%	0.8%
TOTAL	3,232	175,950	100%	100%

Drilling techniques	RC drilling hammer diameter was generally 4 & 5/8 inches in early diameter was 5 ¼ inches. RC 2017 -2020 5.25-inch face sampling hammer, reverse circulation, truck mounte Drilling, Castle Drilling. Diamond core is generally RC from surface, and either PQ size tails in fresh rock (standard tubing). Core was not oriented as the dissem mineralization does not warrant or allow it. Diamond core is typically drilled short of mineralisation. *Drill type (e.g. core, reverse circulation, open-hole hammer, rotary a* RC 2021 A 5.25-inch face sampling hammer, used in reverse circul Exploration) drillers used for RC (including pre-collars). Diamond 2021: Wizard Drilling utilised for diamond drilling from surface. HQ size M drilling (standard tubing). Two Metallurgical holes were diamond tai Geotechnical holes were diamond from surface and two tails from 5 RC 2022 PXD drilling was utilised for RC drilling from surface. HQ size Metal (standard tubing) by Orlando Drilling. Four Metallurgical holes were diamond drilled from surface and two diamond tails from 150-160m
Logging	All DD, RC and OH (PC) and RAB intervals were geologically logge interval weights, recovery, lithology, mineralogy and weathering we The DD core was oriented using the Ezy-Mark tool and after 2019 u orientation tool. Geological logging was qualitative. *Whether core and chip samples have been geologically and geotec* *Whether logging is qualitative or quantitative in nature. Core (or cos* Recording of interval weights, recovery and RQD was quantitative. *The total length and percentage of the relevant intersections logge* All DD core was photographed and representative 1m samples of F chip trays for future reference and photographed. All drill holes were 2017-2023 logging All drill holes are logged and validated via LogChief/ Maxwells Geos Assays, standards and control limits are monitored after loading of demand. All drill holes are logged in full. Different Lithium bearing m

Sub- sampling techniques and sample preparation	Pre-2016 sampling All fresh rock DD core was quarter-cored using a stand mounted br also sampled quarter-core, using a knife and scoop where applicab RC samples were collected using a two stage riffle splitter. All samp riffle-splitting. All 2kg 1m drill samples were sent to SGS, dried, crushed, pulverize produce a sample less than 3.5kg sub-sample for analysis. Sampling was carried out under Galaxy Resources QAQC protocol Duplicate, blank and standard reference samples were inserted into averaging no less than 1 blank and standard in every 25 samples. Samples were selected periodically and screened to ensure pulps a specifications. Duplicate quarter-core samples were taken from DD core at random samples. Duplicate riffle-split RC samples were taken at random, but averagi *If core, whether cut or sawn and whether quarter, half or all core ta* *If non-core, whether riffled, tube sampled, rotary split, etc. and whe* The sample sizes are appropriate to the style, thickness and consis *For all sample types, the nature, quality and appropriateness of the* *Quality control procedures adopted for all sub-sampling stages to m* Drilling 2016 (SGS) *Measures taken to ensure that the sampling is representative of the* Core was halved by saw and sample lengths typically 0.5m in lengt *Whether sample sizes are appropriate to the grain size of the mate* followed by splitting of sample if sample greater than 3 kg using a ri 6mm, pulverise to 75µm (PRP88) in a LM5 Mill. Drilling 2017-2021 Diamond drilling was typically sawn half core with whole core used Intertek (2017-8) Samples are sorted and weighed. Samples >3kg are riffle split and Microns. A 400g pulp is taken and a nominal 0.25g sub-sample is fu Nagrom: 2018-2021 RC chips are dried to 105C°, crushed to nominal top-size of 2 mm i CRU01. Pulverised up to 3 kg in a LM5 pulveriser mill at 80% or be If the sample is greater than 3 kg, the sample is dried, and split with core is dried, crushed in a Terminator Jaw crusher to top size 6.3 m kg using method CRU01. If the sample is greater than 2.5 kg, the s the sample size. Intertek 2022-3 Samples are sorted and weighed. Samples >3kg are riffle split and Microns. A 400g pulp is taken and a nominal 0.25g sub-sample is a crucible / MS, OES method FP6-Li/OM19.

Quality of assay data and laboratory tests

Pre-2016 QAQC
All samples were dried, crushed, pulverized and split to produce a 3
analysis For Li (method AS40Q), for Ta, Nb and Sn (method XRF78
CaO, Cr2O3, Fe2O3, K2O3, MgO, MnO, P2O5, SO3, TiO2 and V2
process involves fusing the sample in a platinum crucible using lithi
Rb, Ga, Be and Nb from time to time analysis was by IMS40Q - DIG

Duplicate, blank and certified reference samples were inserted into
averaging one every ~25 samples. Galaxy Resources utilized certif
and one from SGS in Australia, STD-TAN1.

Inter-laboratory checking of analytical outcomes was routinely unde
precision by the preferred laboratory.
Samples were selected periodically and screened by the laboratory
required specifications. All QAQC data is stored in the Mt Catlin dat
undertaken to ensure sample analysis was kept within acceptable le
that accuracy and precision are within industry standard accepted li

Umpire analysis performed on pulps at Genalysis and Ultratrace Pe

2016-QAQC
In 2016 Perth SGS were used for a small 6 hole diamond program
digested using a sodium peroxide fusion digest, method DIG90Q an
was then presented to an ICP-MS for the quantification of Li2O, usi
standards submitted performed within expected ranges with a posit

2017 - 2021 QAQC
Samples (including QA/QC samples) were processed by Intertek Pl
utilised method FP1 digest (Peroxide Fusion - complete), MS analy
limit 0.03%, Ta2O5 detection limit, 0.2 ppm. Monthly review of QA/Q
duplicates, high grade standards and CRM (certified reference mate
materials). FS/ICPMS is a Laboratory Method FP1/MS (mass spec
The nature, quality and appropriateness of the assaying and labora
For geophysical tools, spectrometers, handheld XRF instruments, e
Nature of quality control procedures adopted (e.g. standards, blank
Ta,Th, and U . FS/ICPES (inductively coupled plasma emission spe
used to analyse Al, Fe, K, Li, and Si. Reports include calculated val

RC samples and diamond (including QA/QC samples) have been p
Western Australia. Methods utilised from Lithium and Tantalum are
complete). ICP005 utilises tungsten carbide bowl to reduce iron con
development stages (detection limit of 10ppm and 1ppm for Li2O an
QA/QC, which includes blanks, field duplicates, high grade standard
materials) and SRM (standard reference materials). All sampling ha
sampling as well as blank and standards introduced into the sample
Duplicate field samples show some evidence of high nugget effect.
acceptable limits. Field duplicates have been submitted at a rate of

Standards used are ASM0343, ASM0340 AMIS0339, OREAS147,

Standards reported only one result outside three standard deviation
majority of Tantalum standards reported within three standard devia

Coarse blanks have shown no evidence of systematic contaminatio
consistently low.

QAQC in 2022-3 is broadly in line with the processes above, assay

Standards used are OREAS 147, AMIS0341, OREAS 751, OREAS
AMIS0341, and OREAS 147 to support Sodium peroxide fusion in N
FP6-Li/OM19. This method provides near complete recovery for mo

Ore grade standards e.g. OREAS 751 reported only four results ou
for Lithia. The majority of Tantalum standards reported within 2 stan

The data is moderately precise.

Verification of sampling and assaying	Pre-2018 Verification An external geological consultant and staff have visually assessed core and RC and PC chips. Several core holes were compared to neighbouring RC and PC dril The geological logging of the DD holes supports the interpreted geo Studies on assays results from twinned holes showed a close corre Primary data is recorded by hand in the field and entered Excel spr and look-up codes. Scans of field data sheets and digital data entry spread sheets are Data collection and entry procedures are documented, and training QAQC checks of assays had identified several standards out of cor and results rectified. *The verification of significant intersections by either independent or* *The use of twinned holes.* No clear and consistent biases were defined by Galaxy during the f performances although deviations were noted by Galaxy. *Documentation of primary data, data entry procedures, data verifica* *Discuss any adjustment to assay data.* 2017-8 Verification CP independently verified drilling, sampling, assay and results from stored database. No adjustments to assay data other than conversion from Li to Li20 2018 - 2022 Verification The CP independently verified drilling, sampling, assay and results stored database. No adjustments to assay data other than conversion from Li to Li20 Primary data capture by Maxwell LogChief and management by Ma directly from Laboratory supplied .csv files as are downhole and col An independent data verification was completed as part of a 2021 N Data exported from SQL database and verified by the CP. No adjustments are made to assay data.

Section 2: Reporting of Exploration Results

Criteria	JORC Code explanation
Mineral tenement and land tenure status	● *Type, reference name/number, location and ow* ● *The security of the tenure held at the time of re*

Exploration done by other parties	● *Acknowledgment and appraisal of exploration*
Geology	● *Deposit type, geological setting and style of m*
Drill hole Information	● *A summary of all information material to the ur* ● *easting and northing of the drill hole colla* ● *elevation or RL (Reduced Level - elevati* ● *dip and azimuth of the hole* ● *down hole length and interception depth* ● *hole length.*
Data aggregation methods	● *In reporting Exploration Results, weighting ave* ● *Where aggregate intercepts incorporate short* ● *The assumptions used for any reporting of me*
Relationship between mineralization widths and intercept lengths	● *These relationships are particularly important i* ● *If the geometry of the mineralization with respe* ● *If it is not known and only the down hole length*
Diagrams	● *Appropriate maps and sections (with scales) a*
Balanced reporting	● *Where comprehensive reporting of all Explorat*
Other substantive exploration data	● *Other exploration data, if meaningful and mate*

Further work	● *The nature and scale of planned further work (* ● *Diagrams clearly highlighting the areas of poss*

Section 3: Estimation and Reporting of Mineral Resources - Mt Cattlin

Criteria	JORC Code explanation
Database integrity	● *Measures taken to ensure that data has not been corrupted by, for examp* ● *Data validation procedures used.*
Site visits	● *Comment on any site visits undertaken by the Competent Person and the* ● *If no site visits have been undertaken indicate why this is the case.*
Geological interpretation	● *Confidence in (or conversely, the uncertainty of) the geological interpretati* ● *Nature of the data used and of any assumptions made.* ● *The effect, if any, of alternative interpretations on Mineral Resource estima* ● *The use of geology in guiding and controlling Mineral Resource estimation* ● *The factors affecting continuity both of grade and geology.*

Dimensions	● The extent and variability of the Mineral Resource expressed as length (al
Estimation and modelling techniques	● *The nature and appropriateness of the estimation technique(s) applied an* ● *The availability of check estimates, previous estimates and/or mine produc* ● *The assumptions made regarding recovery of by-products.* ● *Estimation of deleterious elements or other non-grade variables of econon* ● *In the case of block model interpolation, the block size in relation to the av* ● *Any assumptions behind modelling of selective mining units.* ● *Any assumptions about correlation between variables* ● *Description of how the geological interpretation was used to control the re* ● *Discussion of basis for using or not using grade cutting or capping.* ● *The process of validation, the checking process used, the comparison of r*
Moisture	● Whether the tonnages are estimated on a dry basis or with natural moistur
Cut-off parameters	● The basis of the adopted cut-off grade(s) or quality parameters applied.

Mining factors or assumptions	● Assumptions made regarding possible mining methods, minimum mining c
Metallurgical factors or assumptions	● The basis for assumptions or predictions regarding metallurgical amenabil
Environmental factors or assumptions	● Assumptions made regarding possible waste and process residue disposa
Bulk density	● *Whether assumed or determined. If assumed, the basis for the assumptio* ● *The bulk density for bulk material must have been measured by methods t* ● *Discuss assumptions for bulk density estimates used in the evaluation pro*

Waste Lithologies	Oxide	2.50
	Transitional	2.70
	Fresh	2.86
Unmineralized Pegmatite	Oxide	2.42
	Transitional	2.62
	Fresh	2.78
Mineralised Pegmatite	Oxide	2.47
	Transitional	2.71
	Fresh	2.72

Classification	● *The basis for the classification of the Mineral Resources into varying confidence* ● *Whether appropriate account has been taken of all relevant factors (i.e. relative* ● *Whether the result appropriately reflects the Competent Person's view of the dep*
Audits or reviews	● The results of any audits or reviews of Mineral Resource estimates.
Discussion of relative accuracy/ confidence	● *Where appropriate a statement of the relative accuracy and confidence level in t* ● *The statement should specify whether it relates to global or local estimates, and,* ● *These statements of relative accuracy and confidence of the estimate should be*

Appendix 2: New RC Drillhole collar details post 14 September 2022.

(Previous results released 5 October 2022 for 81 drillholes and 19,177metres)

Hole ID	TYPE	MGA94 Z51 East	MGA94 Z51 North	RL	Depth	Dip	MGA94 Z51 Azimuth
NWRC115	RC	223,759	6,282,220	269.236	260	-65.1	180
NWRC127	RC	223,835	6,282,319	267.995	240	-68.8	180
NWRC133	RC	223,856	6,282,580	272.944	54	-85.0	195
NWRC133A	RC	223,872	6,282,633	268.009	267	-72.0	202
NWRC135	RC	223,840	6,282,208	268.918	222	-65.8	153
NWRC136	RC	223,831	6,282,328	267.968	250	-64.0	148
NWRC139	RC	223,870	6,282,469	270.942	246	-82.2	165
NWRC140	RC	223,901	6,282,569	275.245	250	-70.0	193
NWRC141	RC	223,877	6,282,629	268.079	270	-63.3	180
NWRC143	RC	223,958	6,282,103	263.265	210	-90.0	180
NWRC144	RC	223,980	6,282,220	264.881	225	-66.5	235
NWRC145	RC	223,971	6,282,296	267.619	213	-68.7	231
NWRC146	RC	223,906	6,282,385	269.86	245	-63.9	173
NWRC150	RC	223,921	6,282,520	270.509	255	-90.0	180
NWRC152	RC	223,917	6,282,701	264.729	285	-73.3	180

NWRC159	RC	223,959	6,282,520	270.441	230	-90.0	180
NWRC160	RC	223,970	6,282,501	270.251	205	-79.8	200
NWRC161	RC	223,956	6,282,633	268.004	270	-69.1	180
NWRC163	RC	223,974	6,282,316	268.239	206	-68.0	159
NWRC169	RC	223,995	6,282,640	267.915	260	-70.0	180
NWRC173	RC	224,009	6,282,431	269.763	230	-80.1	130
NWRC177	RC	224,045	6,282,677	267.162	260	-70.2	180
NWRC178	RC	224,061	6,282,651	267.654	265	-86.2	237
NWRC180	RC	224,080	6,282,480	258.026	225	-71.4	180
NWRC183	RC	224,075	6,282,640	267.946	250	-70.3	180
NWRC184	RC	224,080	6,282,680	266.194	260	-70.0	180
NWRC185	RC	224,080	6,282,720	264.762	240	-69.3	180
NWRC187	RC	224,121	6,282,478	258.29	225	-70.3	180
NWRC193	RC	224,122	6,282,754	263.716	265	-69.7	180
NWRC194	RC	224,159	6,282,479	258.201	220	-68.6	180
NWRC206	RC	224,199	6,282,516	258.294	225	-69.1	180
NWRC217	RC	224,231	6,282,587	244.593	220	-81.3	161
NWRC218	RC	224,190	6,282,659	264.326	250	-69.2	141
NWRC221	RC	224,258	6,282,778	257.083	250	-82.0	215
NWRC222	RC	224,323	6,282,548	225.045	205	-65.0	215
NWRC228	RC	224,319	6,282,388	235.328	170	-71.8	180
NWRC229	RC	224,319	6,282,436	227.993	180	-69.6	180
NWRC230	RC	224,325	6,282,474	228.106	180	-65.6	188
NWRC231	RC	224,330	6,282,506	228.17	185	-70.0	191
NWRC232	RC	224,330	6,282,545	224.938	190	-69.5	191
NWRC237	RC	224,361	6,282,505	224.73	180	-70.0	180
NWRC239	RC	224,366	6,282,636	237.314	195	-78.0	187
NWRC243	RC	223,837	6,282,480	270.931	252	-84.9	180
NWRC245	RC	224,070	6,282,993	261.106	336	-71.7	180
NWRC246	RC	224,085	6,282,744	263.695	264	-84.2	170
NWRC247	RC	224,002	6,282,760	262.257	306	-85.0	180
NWRC248	RC	223,732	6,282,427	270.54	400	-59.9	200
NWRC249	RC	223,930	6,282,481	270.991	150	-83.0	175
NWRC250	RC	223,897	6,282,683	265.992	270	-81.7	210
NWRC251	RC	223,961	6,282,718	264.263	265	-84.9	180
NWRC252	RC	223,817	6,282,477	270.692	278	-72.0	160
SWRC089	RC	224,086	6,281915	260.05	305	-90	000

Appendix 3: New Significant results upper pegmatite

Hole_ID	Depth_From	Depth_To	Interval Width	Li2O%	Ta2O5ppm
NWRC145	127	132	5	0.83	219.02
NWRC167	148	152	4	1.41	63
NWRC177	175	181	6	1.08	54.95
NWRC180	114	119	5	1.92	75.07
NWRC187	104	108	4	2.26	52.87
NWRC193	186	190	4	0.65	44.69
NWRC194	101	110	9	1.8	83.3
NWRC195	113	117	4	2.23	78.69
NWRC205	98	112	14	1.59	209.66
NWRC206	99	112	13	1.87	71.25

NWRC213	100	113	13	1.83	190.75
NWRC214	102	117	15	1.71	157.15
NWRC215	113	125	12	1.47	108.45
NWRC217	113	119	6	2.1	68.93
NWRC218	156	163	7	0.82	81.49
NWRC219	174	180	6	1.97	105.78
NWRC222	72	77	5	1.27	54.53
NWRC225	137	142	5	1.14	84.35
NWRC228	58	73	15	1.24	94.07
NWRC229	53	67	14	2.02	52.13
NWRC230	58	76	18	1.42	89.74
NWRC231	64	78	14	1.72	94.73
NWRC232	68	77	9	1.02	121.82
NWRC233	133	140	7	1.32	67.22
NWRC237	66	83	17	1.46	86.89
NWRC239	106	115	9	1.32	90.39
NWRC240	152	157	5	1.58	53.04
NWRC246	196	202	6	0.98	40.2

Appendix 4: Significant new results lower pegmatite

Hole_ID	Depth_From (m)	Depth_To (m)	Width (m)	Li2O%	Ta2O5ppm
NWRC116	231	236	5	1.94	143.69
NWRC117	265	270	5	1.19	242.39
NWRC122	236	240	4	0.95	76.62
NWRC126	203	210	7	2.7	123.29
NWRC132	234	240	6	2.03	216.77
NWRC133A	235	241	6	1.92	239.38
NWRC134	255	259	4	1.93	93.68
NWRC139	224	234	10	1.2	232.01
NWRC140	235	249	14	2.31	125.66
NWRC141	245	256	11	2.56	196.91
NWRC142	234	244	10	1.91	255.95
NWRC145	199	208	9	0.73	170.83
NWRC146	207	216	9	2	352.25
NWRC150	214	227	13	1.96	164.32
NWRC151	230	238	8	2.4	132.26
NWRC152	231	240	9	1.93	208.61
NWRC159	209	222	13	2.08	77.57
NWRC161	226	238	12	1.61	268.32
NWRC162	232	245	13	2.2	585.54
NWRC163	160	168	8	1.26	113.54
NWRC167	211	223	12	3.04	154.24
NWRC168	217	232	15	1.86	89.7
NWRC169	224	236	12	2.39	154.24
NWRC171	228	238	10	0.98	125.56
NWRC177	235	249	14	1.47	192.38
NWRC178	230	240	10	1.15	331.71
NWRC180	181	188	7	1.83	132.08
NWRC181	212	221	9	1.11	282.55
NWRC183	221	232	11	1.71	235.99

NWRC184	227	234	7	1.39	216.57
NWRC187	186	197	11	1.56	248.7
NWRC193	233	242	9	1.68	493.19
NWRC194	189	199	10	2.08	515.15
NWRC195	193	207	14	1.26	264.11
NWRC196	196	211	15	0.86	191.54
NWRC197	204	216	12	1.32	79.17
NWRC202	246	257	11	1.01	482.63
NWRC205	190	197	7	1.53	115.19
NWRC206	188	199	11	1.5	146.88
NWRC208	223	232	9	2.07	133.43
NWRC209	241	245	4	0.93	133.09
NWRC213	186	192	6	0.68	100.81
NWRC215	201	208	7	0.85	71.93
NWRC217	186	192	6	0.97	77.29
NWRC219	232	238	6	1.22	199.61
NWRC224	131	142	11	1.37	38.87
NWRC225	200	205	5	0.75	76.75
NWRC227	228	233	5	0.98	90.35
NWRC228	149	154	5	0.57	97.8
NWRC229	143	152	9	0.81	85.12
NWRC230	144	156	12	0.62	75.68
NWRC231	154	162	8	0.97	72.7
NWRC232	157	162	5	1.11	60.27
NWRC233	199	203	4	1.09	80.68
NWRC237	147	153	6	1.62	73.67
NWRC242	221	231	10	1.76	281
NWRC243	236	245	9	1.05	176.04
NWRC246	244	254	10	2.17	224.9
NWRC247	223	230	7	0.68	326.36
NWRC252	244	252	8	0.98	130.3