

## Lithium Rubidium Sampling Progress at Wyemandoo

- Sampling has commenced with 275 samples collected to date
- Completed sampling at the Loop Pegmatite and the two high priority dome areas where previous samples reported anomalous lithium and Rubidium centrally located in the Fairway Corridor
- The pegmatite outcrops in the central Fairway Corridor contain lepidolite and other micas
- pXRF readings confirm elevated levels of Rb

Aldoro Resources Limited (**Aldoro, The Company**) (ASX: **ARN**) is pleased to provide an exploration update for the Fairway Corridor target at the Windimurra Igneous Complex (**WIC, The Project**). 275 rock chip samples have been collected. A high proportion of the samples in the two known lepidolite areas visually contain purple micas (lepidolite) the host for the Rb and Li.



*Figure 1. Sample WYRK00138 where extensive lepidolite (purple micas) were found in a zone over 15m long and 3m wide striking 054 and gently dipping south .*

### Rock Chip Sampling Results

Approximately 30% of the high albedo anomalies selected in the Fairway Corridor have now been semi systematically rock chip sampled. The program is ongoing, with the remaining anomalies to be sampled before the end of the year.



*Figure 2: Sample site WYRK00189, an exposed interpreted sill of lepidolite rich (purple micas) extending over 15m in length (the hammer handle is pointing north)*

Of the 275 rock chip samples collected to date, 80 of have been analysed in the field by pXRF. All but a handful of samples appear to be highly anomalous in Rb, with a peak reading of 1.71% Rb, and an average of 0.24% Rb. Note that these results are not representative and must be used as a preliminary indicator only. Wet chemistry results from an accredited laboratory are required to confirm the results.

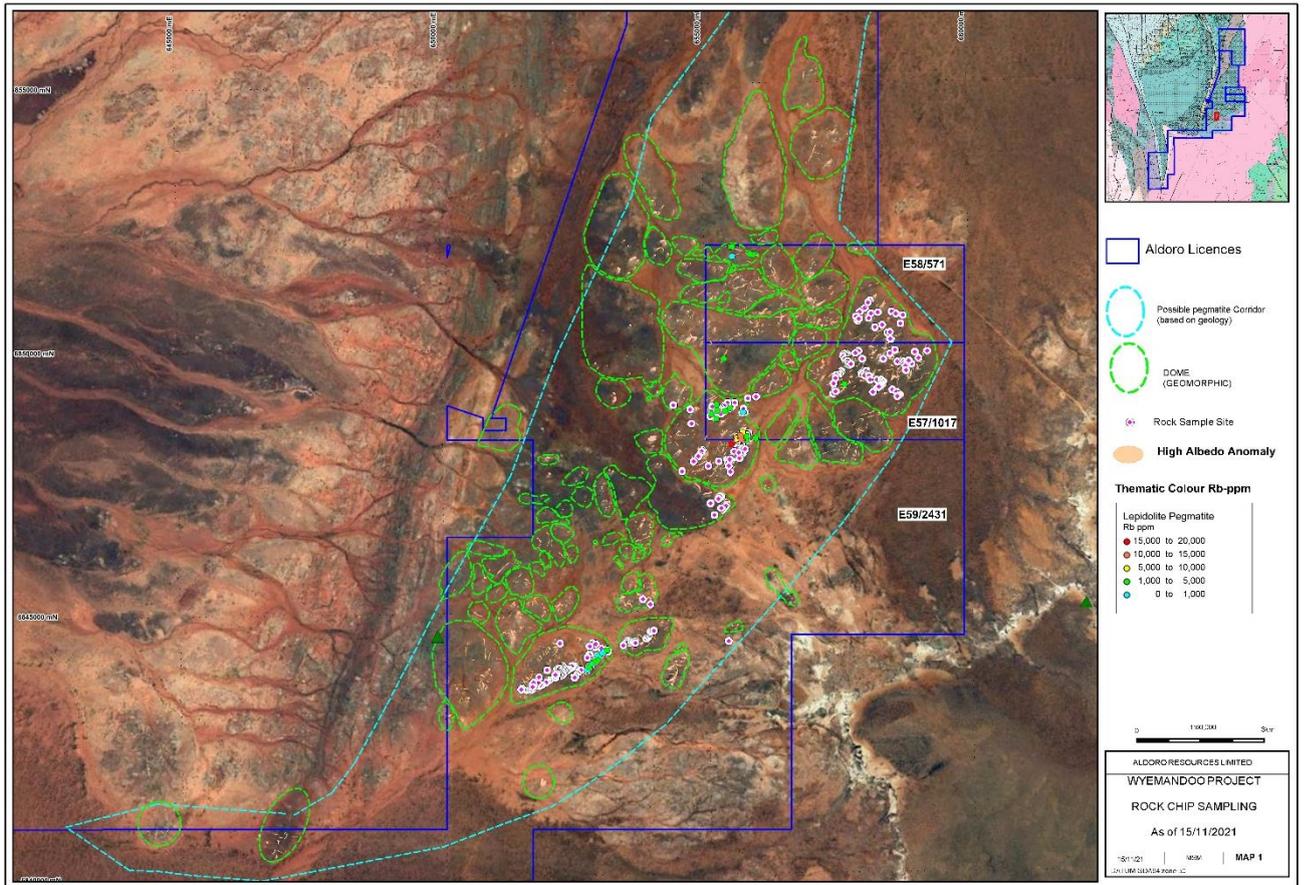


Figure 3. Current rock chip sample locations and areas remaining to be investigated.

### Forward Plan

All rock chip samples from Wyemandoo will be analysed by pXRF. While Li is not detectable by pXRF previous analytical work has shown a good correlation between Li and Rb. The aim of pXRF sampling is to identify the areas with the highest grade Rb to target with follow-up RC drilling. This will fast track the work programs, allowing The Company to move into the first phase of drilling, even though wet chemistry results from the laboratory will be several months away.

The rock chip sampling program will continue until all of the outcropping pegmatites have been tested. This will allow a focussed drilling program targeting the highest grade Rb areas to commence shortly.

*Table 1. Details of rock chip samples collected so far the Fairway Corridor. Note that a small number of samples do not have coordinates logged, as they are undergoing survey checks.*

Sample ID	Location MGA50		Li Grade	Rb Grade	Cs Grade
	East	North	ppm	ppm	ppm
NRK00007	652722	6843917	80.90	1593.84	18.68
NRK00008	652717	6843915	8104.00	7994.82	218.69
NRK00009	652689	6843894	129.70	594.73	8.42
NRK00010	652946	6844180	379.70	3640.53	53.72
NRK00011	652886	6844149	55.70	731.20	9.07
NRK00012	652855	6844080	388.10	1706.38	24.48
NRK00013	652819	6844051	467.00	4199.95	71.09
NRK00014	652784	6844008	688.70	4885.62	69.20
NRK00015	652754	6843975	29.60	988.51	13.26
NRK00016	652727	6843953	60.8	1651.04	22.51
NRK00017	652984	6844218	22.3	19.68	2.05
NRK00018	653038	6844247	105.7	139.52	2.09
NRK00019	653068	6844271	36.7	1202.25	20.5
WYRK00001	653454	6844439	Results Awaited		
WYRK00002	653478	6844436	Results Awaited		
WYRK00003	655375	6844408	Results Awaited		
WYRK00004	653495	6844405	Results Awaited		
WYRK00005	653518	6844403	Results Awaited		
WYRK00006	653529	6844420	Results Awaited		
WYRK00007	653565	6844416	Results Awaited		
WYRK00008	653600	6844422	Results Awaited		
WYRK00009	653607	6844396	Results Awaited		
WYRK00010	653816	6844477	Results Awaited		
WYRK00011	653851	6844514	Results Awaited		

WYRK00012	653879	6844549	Results Awaited
WYRK00013	653883	6844593	Results Awaited
WYRK00014	653893	6844619	Results Awaited
WYRK00015	653920	6844611	Results Awaited
WYRK00016	653961	6844625	Results Awaited
WYRK00017	653380	6844358	Results Awaited
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## ENDS

### About Aldoro Resources

Aldoro Resources Ltd is an ASX-listed (**ASX: ARN**) mineral exploration and development company. Aldoro has a portfolio of gold and nickel focused advanced exploration projects, all located in Western Australia. The Company's flagship project is the Narndee Igneous Complex, which is prospective for Ni-Cu-PGE mineralisation. The Company's other Ni-Cu-PGE projects include the Cathedrals Belt Nickel Project, with a significant tenement holding surrounding St George Mining's (**ASX: SGQ**) Mt Alexander Project, the Leinster Nickel Project (Ni), and the Windimurra Igneous Complex (Ni-Cu-PGE, Li).

### Disclaimer

Some of the statements appearing in this announcement may be in the nature of forward-looking statements. You should be aware that such statements are only predictions and are subject to inherent risks and uncertainties. Those risks and uncertainties include factors and risks specific to the industries in which Aldoro operates and proposes to operate as well as general economic conditions, prevailing exchange rates and interest rates and conditions in the financial markets, among other things. Actual events or results may differ materially from the events or results expressed or implied in any forward-looking statement. No forward-looking statement is a guarantee or representation as to future performance or any other future matters, which will be influenced by a number of factors and subject to various uncertainties and contingencies, many of which will be outside Aldoro's control.

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**Competent Person Statement**

The information in this announcement that relates to Exploration Results and other technical information complies with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). It has been compiled and assessed under the supervision of Luke Marshall, a geological consultant to Aldoro Resources Ltd. Mr Mitchell is a Member of the Australasian Institute of Geoscientists and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC Code. Mr Mitchell consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

***This announcement has been approved for release to ASX by the Board of Aldoro Resources***

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 (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.</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> <li>• 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.</li> </ul>	<p>Wyemandoo sampling</p> <ul style="list-style-type: none"> <li>• Meridan120 &amp; Aldoro rock chip sampling was undertaken while investigating and mapping local pegmatite relationships. It consisted of hammer prospecting over selected sites targeting local mineralisation and mineralisation styles. A handheld diamond blade demolition saw is used to cut a channel sample when the sampled medium is too hard to representatively sample with a hammer.</li> <li>• The reported samples were grab based on the presence of lepidolite micas and are not considered representative of the pegmatites due to low number of samples and non-systematic method of sample selection</li> <li>• Sampling was biased towards collecting lepidolite and green mica samples</li> <li>• No industry standard was applied during the sampling process</li> </ul>
<b>Drilling techniques</b>	<ul style="list-style-type: none"> <li>• 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).</li> </ul>	<p>Wyemandoo</p> <ul style="list-style-type: none"> <li>• No reported drilling in the licence.</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 maximise 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>• No reported drilling in the licence</li> </ul>

Criteria	JORC Code explanation	Commentary
<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 detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <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>	<ul style="list-style-type: none"> <li>No reported drilling in the licence</li> </ul>
<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 maximise 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>No reported drilling in the licence</li> <li>No sub-sampling techniques used</li> <li>Not considered representative samples</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 (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul>	<p>Aldoro (NKR) &amp; Meridian's (WY) rock chip samples were tested at Intertek-Genalysis Laboratories in Maddington WA</p> <ul style="list-style-type: none"> <li>Samples were crushed and ground to 75µm</li> <li>WY series samples Nb, Sn, Ta &amp; W and all NKR samples were analysed by 4A/MS a multi-element digest in 4 acids with an ICP-MS finish</li> <li>WY series Cs, Li, Nb, Rb, Sn, Ta, W were analysed by FP6/MS which is a sodium peroxide fusion in Nickel crucibles and HCL to dissolve the melt with an ICP-MS finish.</li> <li>QAQC samples were not inserted in the sample consignment, The certified Laboratory used it own blanks and standards for quality control.</li> </ul>
<b>Verification of sampling and assaying</b>	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> </ul>	<ul style="list-style-type: none"> <li>Data collected in Li-ppm were converted by a factor of 2.153/10000 to calculate a % Li<sub>2</sub>O figure</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>Discuss any adjustment to assay data.</li> </ul>	
<b>Location of data points</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul style="list-style-type: none"> <li>Meridian and Aldoro used handheld Garmin GPS to record weigh points in GDA94/zone 50. Samples not considered representative for Mineral Resource estimation</li> <li>Australian GDA94 datum used, no local grids</li> <li>No topographic control was applied or recorded</li> </ul>
<b>Data spacing and distribution</b>	<ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul style="list-style-type: none"> <li>No regular sample spacing applied, locations governed by available outcrop and at least one sample per interpreted individual pegmatite.</li> <li>Sample collection method is not considered appropriate for mineral resource estimation.</li> </ul>
<b>Orientation of data in relation to geological structure</b>	<ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>No orientation of rock chip samples other than collection of samples containing lepidolite micas</li> <li>No drilling conducted</li> </ul>
<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>No security applied for the grab samples as they will not be used in resource modelling</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</li> </ul>	<p>Wyemandoo</p> <ul style="list-style-type: none"> <li>The project consists of E57/1017 and E59/2431 held by Aldoro and E58/571 and E58/555 are under agreement with Aldoro but are still in application phase and held by Mining Equities Pty Ltd and Trafalgar Resources Pty Ltd. Sampling in E58/578 was done by Meridian 120 before a 50% reduction in E57/1017.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<p><i>known impediments to obtaining a licence to operate in the area.</i></p>	<ul style="list-style-type: none"> <li>No known impediments to exploring on either of the Wyemandoo granted licences, however the licence applications have no secure title.</li> </ul>
<p><b>Exploration done by other parties</b></p>	<ul style="list-style-type: none"> <li><i>Acknowledgment and appraisal of exploration by other parties.</i></li> </ul>	<p>Limited historical exploration at Wyemandoo includes:</p> <ul style="list-style-type: none"> <li>Geological mapping by Australian Geophysical Pty Ltd in 1969 (Wamex report A141). This shows one lepidolite-bearing pegmatite at Wyemandoo.</li> <li>Geological mapping by I D Martin for Alcoa in 1983 (Wamex report A13164). This shows dozens of pegmatite dykes at Wyemandoo.</li> <li>Geological mapping by Pancontinental in 1988. This shows a number of pegmatites and annotates them as Na, K or Li type (see Wamex report 24289).</li> <li>A small number of geochemical samples, including stream sediments, rocks and possibly soils, have been collected within the current licence area but were not analysed for any elements relevant to our current work.</li> <li>As far as we are aware, no exploration drilling on pegmatites has ever been carried out within the current licence area</li> </ul> <p>Recent exploration by Meridian120 focused on mainly tungsten but also lithium and includes</p> <ul style="list-style-type: none"> <li>Detailed (1:1000 scale) geological mapping of three areas within the tungsten zone</li> <li>Reconnaissance mapping (10,000 scale) west of the known tungsten zone</li> <li>Broad scale mapping of pegmatites by GPS tracing</li> <li>UV lamp prospecting</li> <li>Epidote vein prospecting</li> <li>Stream sediment sampling</li> <li>Rock sampling of epidote and epidote-scheelite rocks</li> <li>Soil sampling (loaming) with panning of heavy mineral concentrates and scheelite grain counting under UV light</li> <li>GPS surveying of creeks and pegmatite dykes</li> </ul>
<p><b>Geology</b></p>	<ul style="list-style-type: none"> <li><i>Deposit type, geological setting and style of mineralisation.</i></li> </ul>	<p>Wyemandoo</p>

Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> <li>• The licence area is underlain by gabbroic rocks of the Wyemandoo layered mafic intrusion. The Wyemandoo mafics are separated from the main Windimurra mass by a major fault zone and a sliver of felsic and sedimentary schists. The layering trend at Wyemandoo is very different from that of the main Windimurra mass. It generally strikes east-north-easterly, and dips to the north. Metamorphic grade at Wyemandoo is possibly higher than at Windimurra</li> <li>• There are numerous pegmatite dykes at Wyemandoo. Some contain lithium mica. Composite rock samples from the pegmatites have given assays up to 2.6% lithium oxide, 276 ppm tantalum, and 3296 ppm tungsten (0.42% WO<sub>3</sub>)</li> <li>• The nearby granite pluton, immediately east of the licence area, is probably the parent source of the pegmatites this granite is named as part of the Wogala Suite. It is described as a metamorphosed monzogranite containing muscovite and biotite and local accessory fluorite</li> <li>• In a geochronology report (Wingate 2015) the same granite is said to be part of the Tuckanarra Suite and a sample of it from near the north-eastern corner of the current licence area is described as biotite monzogranite with quartz, K-feldspar, plagioclase, biotite and muscovite plus accessory minerals. Its magmatic crystallisation age was determined by the zircon uranium-lead method as 2,678 million years (plus or minus 8 million years)</li> <li>• Topaz, fluorite, beryl, lepidolite and trace tantalite have been recorded at Mount Wyemandoo not far from the project area (suggesting strong fractionation of a granite/pegmatite magma capable of depositing rare metals)</li> <li>• Meridian have found an extensive zone of hydrothermal epidote-garnet-quartz-scheelite veins in the licence area. The veins are high-grade with rock assays up to 16.5% WO<sub>3</sub> and occur along a linear structure hundreds of metres long.</li> </ul>
<b>Drill hole Information</b>	<ul style="list-style-type: none"> <li>• <i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i> <ul style="list-style-type: none"> <li>○ <i>easting and northing of the drill hole collar</i></li> <li>○ <i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i></li> <li>○ <i>dip and azimuth of the hole</i></li> </ul> </li> </ul>	No historical or current drilling on the licences for pegmatites

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>○ down hole length and interception depth</li> <li>○ hole length.</li> <li>● 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.</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 (eg 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>● Not applicable</li> </ul>
<b>Relationship between mineralisation widths and intercept lengths</b>	<ul style="list-style-type: none"> <li>● These relationships are particularly important in the reporting of Exploration Results.</li> <li>● If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>● 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').</li> </ul>	<ul style="list-style-type: none"> <li>● No Drilling reported in the reported areas sampled</li> </ul>
<b>Diagrams</b>	<ul style="list-style-type: none"> <li>● 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.</li> </ul>	<ul style="list-style-type: none"> <li>● No drilling results reported</li> </ul>
<b>Balanced reporting</b>	<ul style="list-style-type: none"> <li>● 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.</li> </ul>	<ul style="list-style-type: none"> <li>● Full analytical results are provided for the lepidolite samples, while other rock chip results are available these are focused on scheelite mineralisation, not the commodity reported in the release or targeted for investigation at this stage.</li> </ul>
<b>Other substantive</b>	<ul style="list-style-type: none"> <li>● Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey</li> </ul>	<ul style="list-style-type: none"> <li>● Only the reported preliminary grab sample rock chips are material to the Rb/Li/Cs investigation</li> </ul>

Criteria	JORC Code explanation	Commentary
<b>exploration data</b>	<i>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>	
<b>Further work</b>	<ul style="list-style-type: none"> <li>• <i>The nature and scale of planned further work (eg 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>• Future work will consist of detailed geological mapping supplemented by spectral surveying, surface geochemical sampling and pattern drill testing to assess the 3D potential of the host rocks to contain significant volumes of mineralisation</li> <li>• High resolution satellite and drone imagery has been used to discriminate dyke-like features which may or may not be related to pegmatites. The proposed sampling programme will confirm if these features are pegmatitic through geological inspection and analysis using a pXRF analyser.</li> </ul>