

ASX Release

24 July 2023

Soil surveys & mapping underway ahead of Phase 3 drilling at Ti Tree's Morpheus and other new targets.

Highlights

Regional wide-spaced pXRF soil survey & geological mapping campaigns now underway to identify new drill targets at 'Morpheus', 'Lewis' & 'Akira' prospects, Ti Tree Project.

- Maiden drill program comprising ~2,500m of RC drilling, at Morpheus, Lewis & Akira is planned at areas of high priority surface geochemical anomalism.
- Morpheus, Lewis, and Akira are just three of the 18 priority target areas identified at Ti Tree to date where extensive (>300) pegmatites have been mapped.
- Further down-dip deeper drilling also planned at Andrada to delineate bounding lithological contacts and to examine untested lithium-caesium-tantalum (LCT) potential plunge target areas.
- Drill campaign logistics & access underway & several POW applications already approved targeting drilling commencement in Mid-August 2023.
- Field work has identified further outcropping pegmatites over recently identified pathfinder soil anomalies (via portable XRF or 'pXRF' instrument) at Morpheus & Lewis prospect areas.
- Airborne drone magnetic / radiometric & photogrammetry surveys to commence across Ti Tree South early August which will assist with target generation.

Voltaic Strategic Resources Ltd (ASX:VSR) is partway through a regional pXRF soil survey and geological mapping campaign across its 'Morpheus', 'Lewis' & 'Akira' targets at the Ti Tree Lithium Project, ahead of a proposed Phase 3 drill program. The program is focused on the prospective Leake Spring Metamorphic pelitic schists where several pegmatites have been mapped at surface proximal to recently identified LCT pathfinder soil anomalies.

Concurrently, logistical planning is underway for geophysical and photogrammetric surveys due to commence in early August across all of Ti Tree South, which should provide additional data and high-resolution imagery for geological interpretation and drill targeting.

Voltaic Chief Executive Officer Michael Walshe said "the team is rapidly progressing towards the next round of drilling following the valuable insights learned from the maiden campaign.

"Drilling thus far has identified the primary structural controls of the widespread pegmatite clusters across Ti Tree South and confirmed their extensive subsurface thickness and stacked emplacement.

"These learnings, along with current field reconnaissance, are being used to delineate high priority drill targets within the more prospective Morpheus, Lewis & Akira prospect areas, which we hope to begin testing in less than a month along with some deeper holes at Andrada," Mr Walshe said.



"The next stage at Andrada includes deeper-focused drilling to find bounding lithological contacts and to examine untested LCT potential plunge target areas.

This will bolster our understanding of the subsurface geology of the extensive pegmatite systems that are now mapped over at least 5 x 2 km trends across the explored portion of E09/2503 to date".

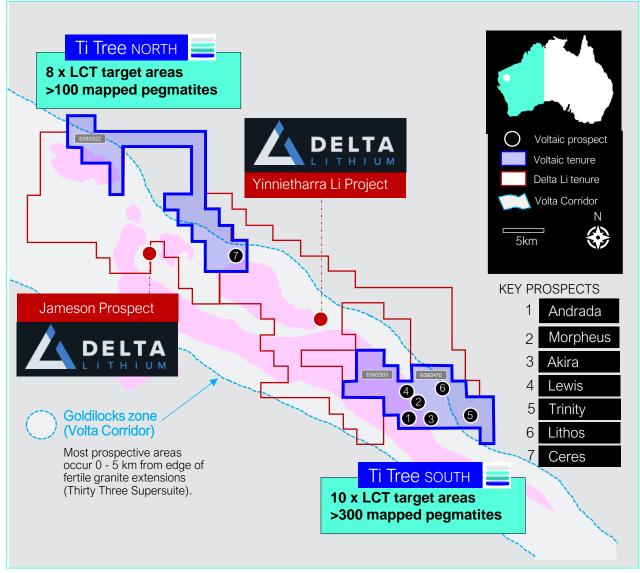


Figure 1. Ti Tree project map. Neighbouring Delta Lithium's Yinnietharra tenure also shown.



Planned Next Phases of Drilling at Ti Tree South

Table 1. Planned next phases of drilling across Ti Tree South - E09/2503 (granted), E09/2470 (pending)

Prospect	Drill Phase	Planned Start	Purpose	Planned Drilling (m)	Max Depth (m)
Andrada α	3	August 2023	Follow-up to phase $1/2$. \rightarrow Find bounding lithological contacts at existing	750	250
Andrada β	3	August 2023	thick pegs. → Test additional LCT targets	1,250	250
Morpheus	3	August 2023	Maiden exploration / reconnaissance drilling	750	200
Akira	3	October 2023	Maiden exploration / reconnaissance drilling	750	200
Lewis	3	October 2023	Maiden exploration / reconnaissance drilling	750	200
Trinity	4	TBC (prelim. Q4 2023)	Maiden exploration / reconnaissance drilling	1,500	250
Lithos	4	TBC (prelim. Q4 2023)	Maiden exploration / reconnaissance drilling	1,500	250

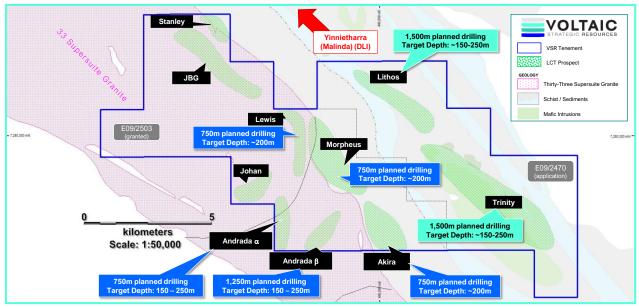


Figure 2. Ti Tree (South) regional prospects with planned phase 3 & 4 drill programs outlined.

Release authorised by the Board of Voltaic Strategic Resources Ltd.

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Upcoming Milestones at Ti Tree Project

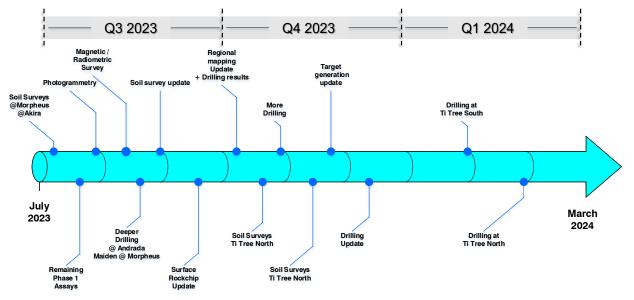


Figure 3. Three (3) quarter lookahead at Ti Tree.

Competent Person Statement

The information in this announcement related to Exploration Results is based on and fairly represents information compiled by Mr Claudio Sheriff-Zegers. Mr Sheriff-Zegers is employed as an Exploration Manager for Voltaic Strategic Resources Ltd and is a member of the Australasian Institute of Mining and Metallurgy. He has sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration and to the activities undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. He consents to the inclusion in this announcement of the matters based on information in the form and context in which they appear.

Forward-Looking Statements

This announcement may contain forward-looking statements involving several risks and uncertainties. These forwardlooking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and assumptions based on currently available information. Should one or more of the risks or uncertainties materialise, or underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this announcement. No obligation is assumed to update statements if these beliefs, opinions, and estimates should change or to reflect other future development. Furthermore, this announcement contains forward-looking statements which may be identified by words such as "prospective", "potential", "believes", "estimates", "expects', "intends", "may", "will", "would", "could", or "should" and other similar words that involve risks and uncertainties. These statements are based on a number of assumptions regarding future events and actions that, as at the date of this announcement, are expected to take place. Such forwardlooking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, the Directors and management of the Company. These and other factors could cause actual results to differ materially from those expressed in any forward-looking statements. The Company cannot and does not give assurances that the results, performance, or achievements expressed or implied in the forward-looking statements contained in this announcement will actually occur and investors are cautioned not to place undue reliance on these forward-looking statements.

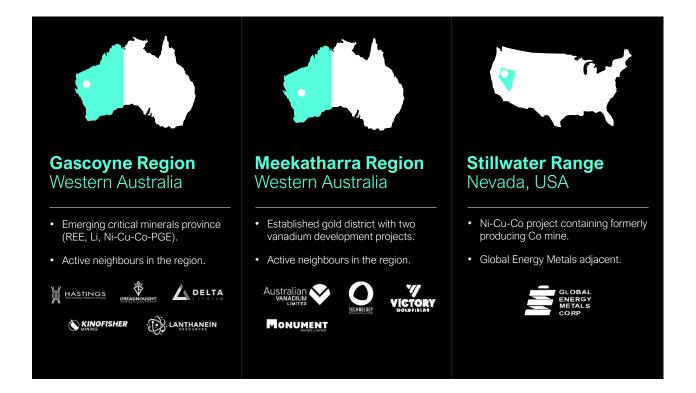


About Voltaic Strategic Resources

Voltaic Strategic Resources Limited explore for the next generation of mines that will produce the metals required for a cleaner, more sustainable future where transport is fully electrified, and renewable energy represents a greater share of the global energy mix.

The company has a strategically located critical metals portfolio led by lithium, rare earths, base metals, and gold across two of the world's most established mining jurisdictions: Western Australia & Nevada, USA.

Voltaic is led by an accomplished corporate and technical team with extensive experience in REEs, lithium and other critical minerals, and a strong skillset in both geology and processing / metallurgy.





Appendix 1: Supplementary Information



Figure 4. Drill map plan – Andrada prospects



Figure 5. Pegmatite outcrop at Morpheus prospect (TTSRK310 coordinates: 436586E, 7278652 N)



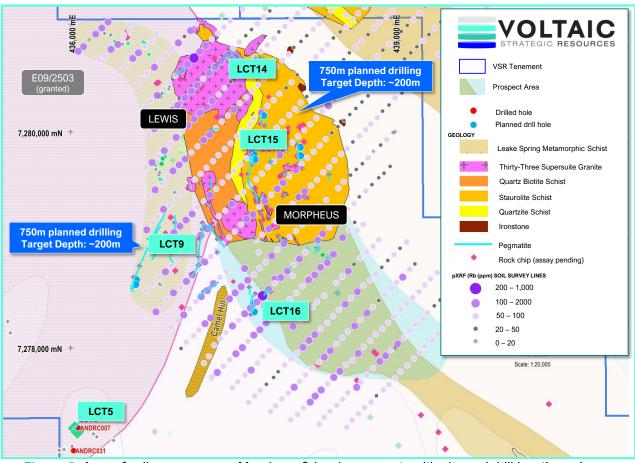


Figure 6. Area of soil survey across Morpheus & Lewis prospects with planned drill locations shown



Figure 7. Aerial photo of Morpheus prospect area



Appendix 2 JORC Tables

Section 1 Sampling Techniques and Data (Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	 Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information. 	 No drill assays are presented in this update however RC drill samples were collected at 1m intervals and composited to 4m lengths for analysis. The 4m composite or 1m sample (where submitted) will be crushed and a sub-fraction obtained for pulverisation. Drillholes were located using hand-held GPS. Sampling was carried out under Voltaic Strategic Resources Ltd protocols and QAQC procedures as per current industry practice. RC drilling was used to obtain 1m samples collected through a splitter into buckets and placed in bags as 1m samples, in rows of 20. Sample quality was supervised with any sample loss or moisture recorded. Composite samples were collected with a tube spear to generate 4m composite samples. The 2-3 kg (4 m composite) samples will be dispatched to LabWest laboratories in Perth. All samples will be analysed using Microwave digest (MD), Inductively Coupled Plasma Mass Spectrometry and Inductively Coupled Plasma (ICP) Mass Spectrometry (MS) and Optical Emission Spectrometry (OES) to finish. 62 element analysis by ICP-MS/OES.
Drilling techniques	 Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc). 	 RC drilling For phase 1, the drilling contractor was AAC Pty Ltd, used a 4inch rod string and RC hammer. For Phase 2 Bartlett Drilling Pty Ltd were employed who used a 4inch rod string and RC hammer. Drillholes were drilled at -60° dip
Drill sample recovery	 Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery & grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	 Sample quality was recorded. Sample recoveries were visually estimated and recorded and generally high. The drill cyclone was cleaned between rod changes and at the end of each hole, to minimise contamination.
Logging	 Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. 	 All holes were logged geologically by Company geologists, using Company logging codes. Logging is both qualitative and quantitative in nature, and includes lithology, mineralogy, mineralisation, weathering, & colour. Photographs taken of the drill chips for each drillhole and stored in a database. All drillholes were logged in full. In relation to the disclosure of visual mineralisation, the Company cautions that visual estimates of mineral abundance should never be considered a proxy or substitute for laboratory analysis. Laboratory assay results are required to determine the widths and grade of the visible mineralisation (if reported) in preliminary geological logging.
Sub-sampling techniques and sample preparation	 If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in situ material 	 Current sampling includes comprehensive and industry standard QAQC inclusive of split and duplicate samples, and applicable and representative standards for lithium. Samples were collected at 1m intervals by a rig mounted cyclone. <u>pXRF Analysis</u> pXRF analysis of soil samples is deemed fit for purpose as a preliminary exploration screening technique. pXRF provides a spot reading on sample piles with variable grain sizes and states of homogenisation. High grade results were repeated at multiple locations to confirm repeatability. The competent person considers this acceptable within the context of reporting preliminary exploration results.



Criteria	JORC Code explanation	Commentary
	 collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled. 	
Quality of assay data and laboratory tests	 The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established. 	 pXRF screening of drill samples and soil points preliminary analysis is obtained with an Olympus Vanta and Niton XL5 portable XRF respectively NOTE 1: pXRF (portable x-ray fluorescence) assay results are semi-quantitative only. NOTE 2: pXRF – Only a selection of LCT pathfinder elements are capable of being analysed with pXRF instrumentation: Rb, Cs, Ta, K
Verification of sampling and assaying	 The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	 Analytical QC is monitored by the laboratory using standards, blanks and repeat assays. Independent standards were submitted by the Company at a rate of 1:20 samples. Independent field duplicates were included through selective zones of expected mineralisation, and obtained utilising a spear method. Lithium element analyses were originally reported in elemental form but have been converted to relevant oxide concentrations as per industry standards
Location of data points	 Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adeguacy of topographic control. 	 Drill collar locations were surveyed using a handheld GPS using the UTM coordinate system, with an accuracy of +/- 5m Map coordinates: all recorded in MGA Zone 50 GDA
Data spacing and distribution	 Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. 	 Drill spacing is suitable for reporting of exploration results. Drill spacing is not suitable for Mineral Resource estimation. Regional soil pXRF survey was undertaken on a wide space 200 x 80m
Orientation of data in relation to geological structure	 Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	 Drill planning was undertaken at a perpendicular angle to the targeted lithological unit. Sampling is regarded to be unbiased with respect to the orientation of the lithologies.
Sample security	The measures taken to ensure sample security.	 Samples are given individual samples numbers for tracking. The sample chain of custody is overseen by the Company's Exploration Manager. Samples were transported in secure sealed bags to the laboratory Sample security and integrity is in place to industry standards
Audits or reviews	• The results of any audits or reviews of sampling techniques and data.	 The sampling techniques and analytical data are monitored by the Company's geologists. External audits of the data have not been completed.



Section 2 Reporting of Exploration Results (Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	 Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. 	 The project area is located approximately 100km northeast of the Gascoyne Junction and 250km east of Carnarvon. The Ti Tree project comprises one granted Exploration Licence, E09/2503, and two Exploration Licence Applications: E09/2470 and E09/2522. All activities referred to in this announcement pertain to E09/2503 All the tenements are in good standing with no known impediments.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	 Numerous exploration campaigns have been completed in the general area since the early 1970's focusing predominantly on uranium and diamonds. Historical exploration activity has been extensive throughout the region occurring during four (4) main phases (WAMEX Report 114263); 1970's (uranium focus); 1980's (largely base metals plus lesser uranium); 1990's (base metals); and 2000's (uranium with minor work on other commodities). Limited exploration to determine the potential for gemstones, Industrial minerals (mica & tournaline) & rare earths within pegmatites within the Gascoyne Complex has also been undertaken. Although not on Voltaic's tenement, drilling in the area has largely been restricted to the 1970's & 1980's, with AGIP Nucleare conducting extensive drilling within and beyond the Mortimer Hills region. Despite the extensive exploration history, reliability of the data (location and analysis QA/QC information) is equivocal, being limited to hand drafted maps (using local grids), and frequently absent assay data (WAMEX Report 114635). Some more significant and relevant exploration work is outlined below. Noranda Australia Ltd (1972-1974): focussed on the eastern side of Voltaic's ground, exploration followed up on an earlier airborne radiometry over 2.5-line kilometres and the collection of 112 soil samples that were subsequently analysed for uranium (poor results). Groundwork observed concentration of uranium in silica (silcrete) capped dayey soil profile developed above weathered granite/greiss. The silicrete cap was observed to mask the radiometric anomaly with best readings restricted to exposed and eroded margins. Anomalous results were returned by "green clays" in the regolith profile with results up to 1,200 cycs and 1,026 ppm uranium. Nine auger drillholes were subsequently completed to 3m depth, several of them intersecting carnotite in the subsurface soil profile. Approximately twenty (20) occurrences of secondary caronite mineralisation were in the Mt Phil



Criteria	JORC Code explanation	Commentary
		 geochemistry. Stream sediment samples appear only to have been subjected to scheelite grain counts and results were at threshold levels. Two rock chip samples returned 3.7% and 0.7% W respectively (WAMEX Report 239038), with tungsten mineralisation considered to be poddy and not of economic interest. Geographe Resources Exploration (1997 – 1998): work included acquisition of aero magnetometry data and the collection of 58 BLEG stream sediment samples (5kg <2 mm). Gold and base metals were being targeted, and U was included as one of the suites of 12 elements that were analysed. All samples returned less than the detection limit of 0.1 ppb except for two samples on a single drainage that contained 0.6 ppb and 0.3 ppb U, respectively (WAMEX Report 55760). More recent exploration 2006 - 2017 (RiverRock Energy Ltd, Dynasty Metals, Glengarry Resources, Zeus Resources and Segue Resources) included 69 rock chip samples collected over an area contiguous with E09/2503 and extending along trend to the southeast, but along with stream sediment sampling results were spurious (WAMEX Reports 76652, 66179 & 94734). Most recently, Arrow Minerals (2011-2020) undertook stream sediment sampling (133 samples), rock chip sampling (11 samples) over a portion of the tenement area. The stream sediment survey was carried out to test a suite of intrusive rocks that had previously been identified as a fertile and fractionated peraluminous leaucratic intrusions with LCT pegmatites. Samples consisted of 50-150 grams of -80 mesh (-177 micron) material from secondary and tertiary streams on a 1-3 samples per square kilometre basis. All samples were submitted to ALS Laboratories in Perth and analysed for 47 elements by technique ME-MS61L which is a 4-acid digest with an ICPMS and ICPAES finish (WAMEX Report 124242). A strong correlation was identified amongst the LCT Pegmatite pathinder elements [Li-CS-Ta + Be, Rb, Nb, Sn), successfully identifying several multi-point anomalies. Consulting geochemi
Geology	Deposit type, geological setting and style of mineralisation.	 The project area has historically been considered prospective for unconformity vein style uranium, although it equally considered prospective for rare earth element (REE) mineralisation hosted in iron-rich carbonatite dykes or intrusions, or lithium-caesium-tantalum (LCT) pegmatites. The project area encompasses a portion of the Gascoyne Province of the Capricorn Orogen. This geological belt is positioned between the Archaean Yilgarn Craton to the south, and the Archaean Pilbara Craton to the north, and largely consists of a suite of Archaean to Proterozoic gneisses, granitic and metasedimentary rocks. The tenements lie astride the contact between a tight WNW trending syncline of Meso Proterozoic age rocks of the Bangemall Basin, known as the Ti Tree Syncline, and metamorphic rocks of the Gascoyne Complex. Bangemall Group sediments preserved in the syncline include the basal Irregully Dolomite, overlain by black and grey siltstone and shale of the Jillawarra Formation. They are intruded by thick dolerite sills. Rocks immediately underlying the Bangemall Group rocks consist of phyllite, meta conglomerate and meta sandstone of the Mt James subgroup. Within the Ti Tree project, historical exploration efforts have identified several anomalous uranium and potential LCT pegmatite samples. The status of these anomalies including the scale and exact location of the samples has not yet been confirmed. The ground truthing of the anomalies remains a priority prior to significant exploration activities. The project is within a prospective corridor of pegmatites where a recent exploration effort on within and adjacent to the Thirty-Three Supersuite granites on adjacent tenements has identified the presence of highly anomalous Li and Ta from geochemical analysis, geophysical & hyperspectral surveys, and drilling.
Drill hole Information	 A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole 	Drill collar and survey data has previously been provided in prior announcements, along with various respective metadata



Criteria	JORC Code explanation	Commentary
	 down hole length and interception depth hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	
Data aggregation methods	 In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated. Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. The assumptions used for any reporting of metal equivalent values should be clearly stated. 	 Intervals that comprise more than one sample have been reported using length-weighted averages. A cut-off grade of 200ppm Li₂O (with a maximum 2m of internal waste) has been used for the reported drill intercepts which is deemed acceptable for vectoring within LCT pegmatite systems.
Relationship between mineralisation widths and intercept lengths	 These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known'). 	 The orientation of the mineralisation is interpreted and yet to be structurally validated. All reported intervals, and therefore intercepts, are down hole lengths.
Diagrams	 Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views. 	Refer to figures in this announcement with sections and map plans created using MicroMine and Mapinfo software respectively.
Balanced reporting	 Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results. 	 No inference to economic mineralisation has been stated. A cut-off of 200ppm Li₂O was used in reporting of exploration results, to aid dismissing interpreted unrealistic anomalous mineralised sub-zones.
Other substantive exploration data	 Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances. 	All of the relevant data has been included in this report.
Further work	 The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. 	 On-going field reconnaissance exploration in the project area continues and is a high priority for the Company. Exploration is likely to include further lithological and structural mapping, rockchip sampling, acquisition of high-resolution geophysical data and arial drone imagery to assist geological interpretation, target identification, pXRF soil sampling campaigns and drilling.