

14 December 2023

## FURTHER DRILLING SUCCESS AT PERSEVERANCE PROSPECT

### Highlights

- + Four (4) hole reverse circulation drilling (RC) **program complete at Perseverance Prospect within the Kings Landing Area.**
- + Assay results from an additional two (2) **Perseverance Prospect holes intersect significant spodumene mineralisation**, returning:
  - **7m at 0.86% Li<sub>2</sub>O** from 135m (BYPRC027); and
  - **7m at 1.22% Li<sub>2</sub>O** from 110m (BYPRC031).
- + Program followed exploration drilling early this year, which **confirmed spodumene mineralisation in fresh pegmatite** most recent drilling extends the high grade interval drilled earlier this year which returned **19m at 1.58% Li<sub>2</sub>O from 148m**, including **4m at 2.62% Li<sub>2</sub>O**.
- + A further two RC holes will require diamond drill hole tails to complete, with a further three diamond tail extensions planned to three RC holes drilled in 2022. Diamond drilling will be completed in early 2024.
- + Success at Perseverance warrants **expanded follow-up drilling to define the extent of high grade spodumene mineralisation** which is improving in width and grade at depth.
- + Remain on-track for **declaration of a maiden high-grade lithium resource at Lei** this Qtr.

Lithium Plus Minerals Limited (ASX: LPM) (**Lithium Plus** or the **Company**) is pleased to announce success from the first assay results received from the latest round of follow-up drilling at the Perseverance Prospect, Kings Landing Area of the Bynoe Lithium Project.

**Commenting on drilling at the Kings Landing Area, Executive Chairman, Dr Bin Guo, said:**

*“With our maiden Resource Estimate imminent at the Lei Prospect, further exploration success returned from drilling results from our concurrent drilling campaign at Perseverance is starting to firm as the next priority focus area for the Company in defining new Resources.*

*We look forward to returning to Kings Landing as soon as the 2024 field season commences to aggressively pursue the ongoing drilling program”.*

## Perseverance drill program

The latest round of drilling comprised a six (6) hole ~900m reverse circulation drilling program at the Perseverance prospect at the Kings Landing Area of the Bynoe Lithium Project are complete. The current program was designed to follow up encouraging results from drilling earlier this year which confirmed spodumene mineralisation in fresh pegmatite, including:

- **19m @ 1.58% Li<sub>2</sub>O** from 148m (BYPRC012), including:
  - 4m at 2.62% Li<sub>2</sub>O.

The current shallow drill program has extended the mineralisation at surface and between existing holes and therefore has helped to defined the plunge and extent of the high-grade zone.

Assay results from an additional two (2) Perseverance Prospect holes intersect significant spodumene mineralisation, returning:

- **7m at 0.86% Li<sub>2</sub>O** from 135m (BYPRC027) in a broader zone of 12m @ 0.57% Li<sub>2</sub>O; and
- **7m at 1.22% Li<sub>2</sub>O** from 110m (BYPRC031) within a broader zone of 12m @ 0.79% Li<sub>2</sub>O.

Two RC pre-collar holes (BYPRC029 and BYRC032) will be completed with diamond drill hole tails. These two holes are planned to intersect down plunge under the best intersection to date (BYPRC012). The current drilling favours an interpretation of a steep plunge to the south that increases in width and grade at depth.

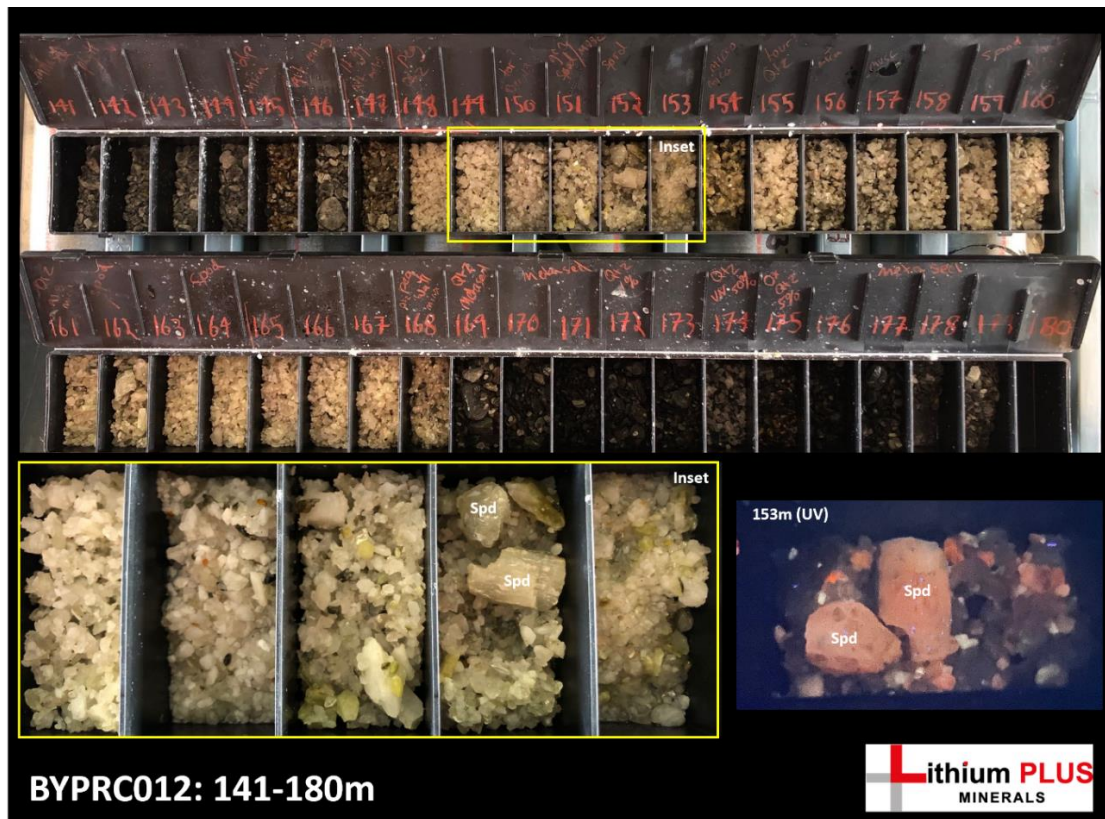
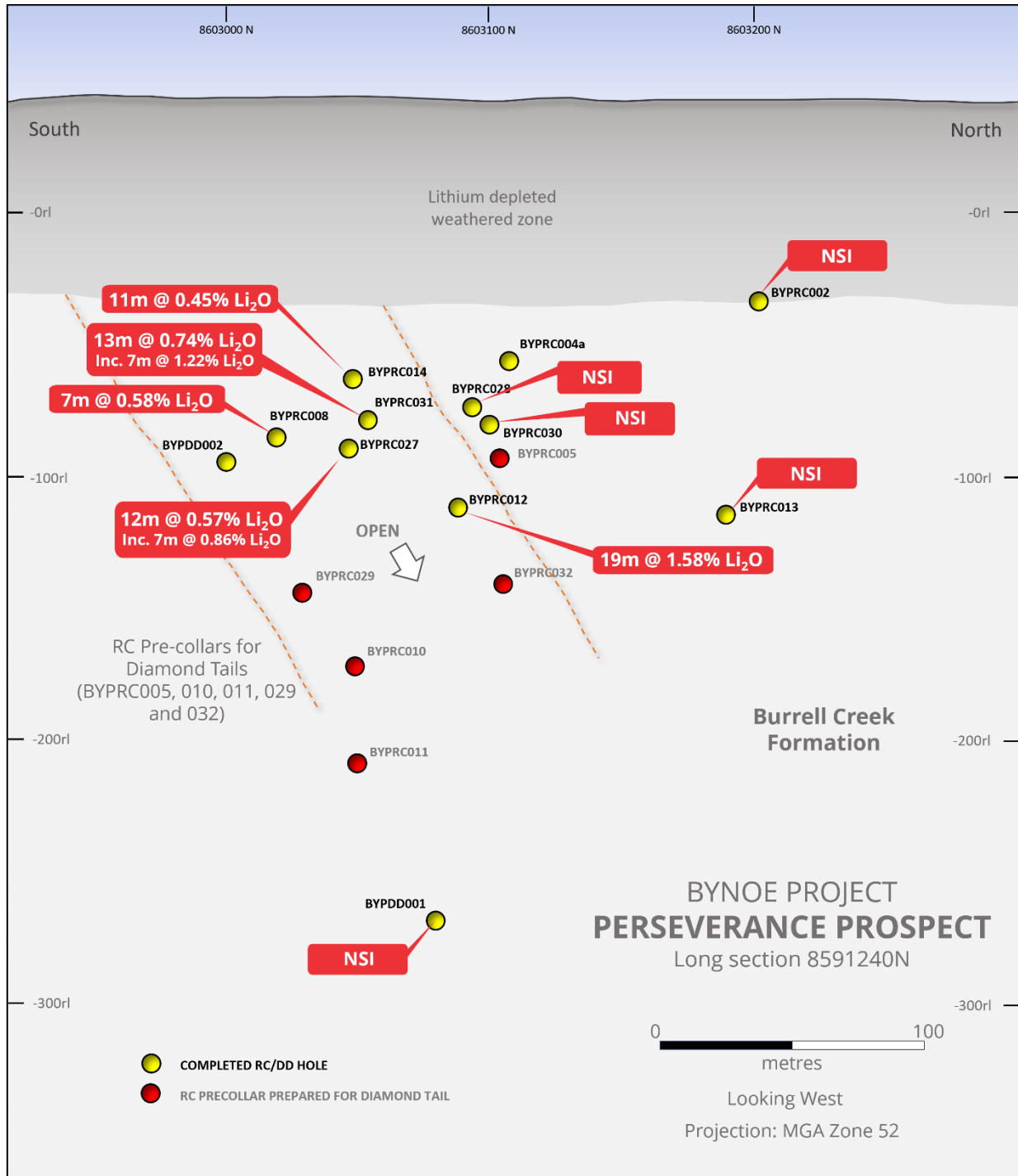


Figure 1: High grade intersection in RC drill chips from BYPRC012 (140 to 180m)



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Figure 2: North-South long section with drill hole pierce points and grade intersections in RC drill chips.

Table 1: Lithium Plus Minerals 2023 Perseverance drill hole locations

| Hole ID  | Collar Co-ordinates<br>GDA94 MGA Zone 52 |          | Survey Data |            |            |              | Pegmatite interval |     |                 |
|----------|------------------------------------------|----------|-------------|------------|------------|--------------|--------------------|-----|-----------------|
|          | Easting                                  | Northing | RL<br>(m)   | Azi<br>(°) | Dip<br>(°) | Depth<br>(m) | From               | To  | Interval<br>(m) |
| BYPRC027 | 695204                                   | 8603090  | 24          | 114        | -60        | 175          | 134                | 151 | 17.0            |
| BYPRC028 | 695220                                   | 8603098  | 25          | 95         | -60        | 137          | 109                | 117 | 8.0             |
| BYPRC029 | 695219                                   | 8603085  | 24          | 118        | -60        | 107          | Diamond pre-collar |     |                 |
| BYPRC030 | 695229                                   | 8603098  | 25          | 75         | -65        | 161          | 113                | 116 | 3.0             |
| BYPRC031 | 695222                                   | 8603087  | 24          | 116        | -65        | 168          | 109                | 129 | 20.0            |
| BYPRC032 | 695193                                   | 8603100  | 25          | 96         | -70        | 174          | Diamond pre-collar |     |                 |

Table 2: Summary of Perseverance drill hole data and received assay results

| Hole ID  | Collar Co-ordinates GDA94 MGA Zone 52 |           | Significant Mineralised Pegmatite |           |                 |                          |
|----------|---------------------------------------|-----------|-----------------------------------|-----------|-----------------|--------------------------|
|          | Easting                               | Northing  | From<br>(m)                       | To<br>(m) | Interval<br>(m) | Li <sub>2</sub> O<br>(%) |
| BYPRC027 | 695204                                | 8603090   | 135                               | 147       | 13              | 0.54                     |
|          |                                       | including | 135                               | 142       | 7               | 0.86                     |
| BYPRC028 | 695220                                | 8603098   | NSI                               |           |                 |                          |
| BYPRC031 | 695222                                | 8603087   | 109                               | 122       | 13              | 0.74                     |
|          |                                       | including | 110                               | 117       | 7               | 1.22                     |

(0.2% Li<sub>2</sub>O lower cut-off, no upper cut-off and maximum internal waste of 1.0 metres); NSI = No significant Intersection.

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Figure 3: Dual RC/DD rig in operation at Perseverance Prospect, Kings Landing Area

## Background

The Bynoe region is home to hundreds of historically known pegmatites which typically occur in clustered linear swarms ranging in surface area from a few square meters up to hundreds of square meters. In the region, pegmatites are generally poorly exposed at surface due to subdued relief, extensive weathering profiles and thick vegetation. Better exposures of pegmatite are often found in historical artisanal workings, and exploration costeans observed as highly weathered clay-quartz (smectite-kaolinite) saprolite. More often, the surficial expression of the known pegmatites is typically defined by residual ‘scattered’ pegmatite float comprising resistant quartz and mica. The presence of lithium minerals is absent (removed, if present, by the weathering process), and outcrops are rare.

## Priority Kings Landing Area

Newly defined, high-priority Kings Landing exploration area (EL 31092) is host to a number of large known drill-ready pegmatite bodies and systems correlating strongly with lithium enrichment identified in soil samples. These include the Jeweller’s and Jeweller’s Extended pegmatite systems, and the Perseverance and Jenny’s pegmatite occurrences which are located along strike of, and within 5km of, Core Lithium’s (ASX: CXO) Grants pegmatite deposit (refer Figure 4).

### Perseverance pegmatite

The Perseverance pegmatite is located approximately 500m east of the Jeweller's Extended occurrence. Perseverance is an old Prospect comprising of several small pits and a shallow shaft with no historical record of Sn-Ta production. The Prospect is exposed in a series of trenches exposing a 100m long, north-north-east striking pegmatite up to 10m wide. Additionally, a 100m long, 65m wide podiform pegmatite body is exposed to the south of the main body.

In 2022, Lithium Plus drill tested the podiform body at Perseverance with eight RC holes which confirmed spodumene mineralisation within fresh pegmatite at depth. The podiform pegmatite is yet to be tested.

All four Prospects represent some of the biggest known pegmatite occurrences within the Bynoe Project area.

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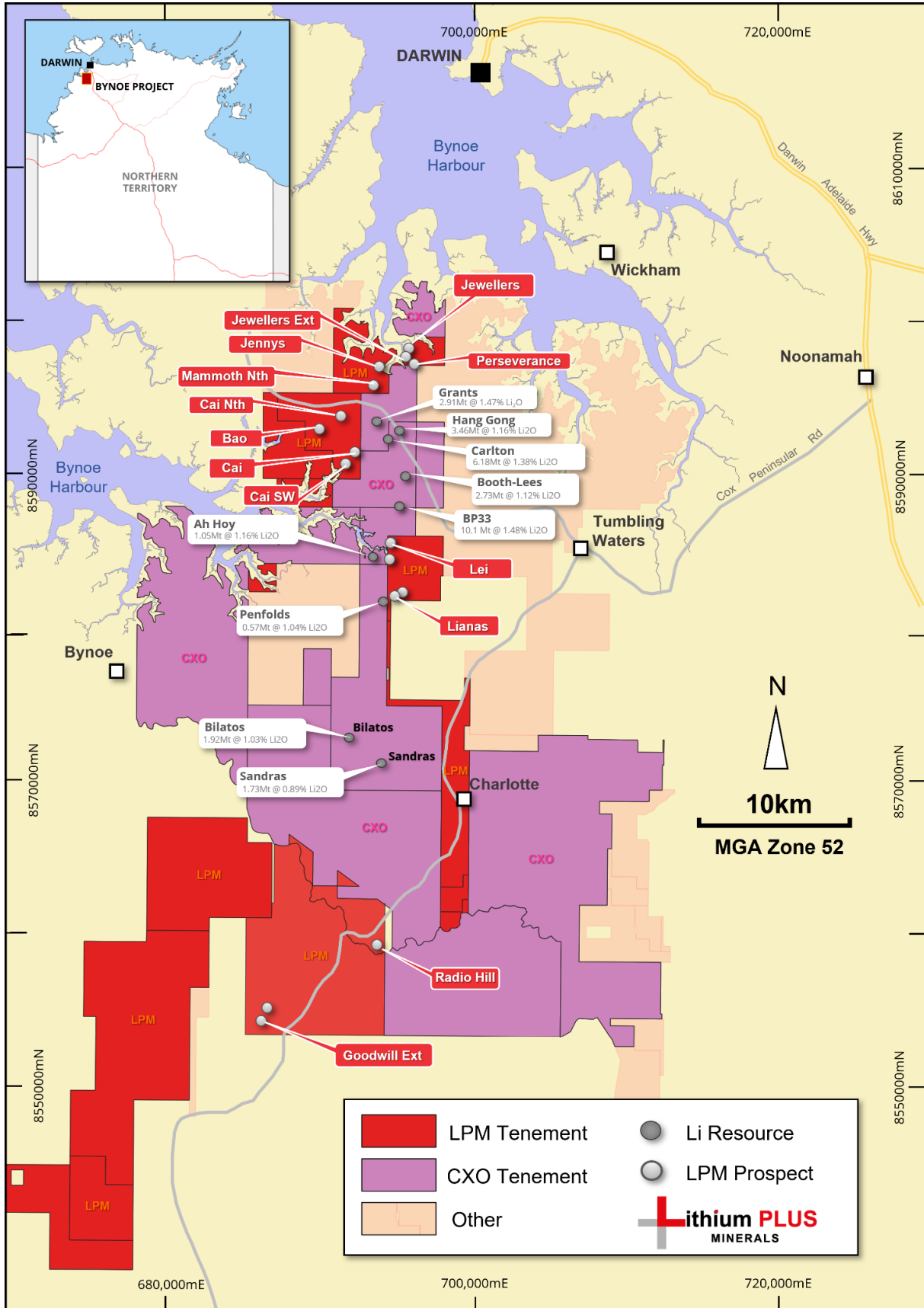


Figure 4: Bynoe Project Location map and pegmatite prospects.

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**Competent Person Statement**

*The information in this release that relates to Exploration Results for the Bynoe Lithium Project is based on, and fairly represents, information and supporting documentation prepared by Dr Bryce Healy, Exploration Manager of Lithium Plus Minerals Ltd. Dr Healy is a Member of the Australasian Institute of Mining and Metallurgy and he has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which has been 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". Dr Healy consents to the inclusion in this release of the matters based on the information in the form and context in which they appear.*

This announcement has been authorised for release by the Board of Lithium Plus.

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## About Lithium Plus Minerals

Lithium Plus Minerals Limited (ASX: LPM) is an Australian Lithium exploration company with 22 tenements in the Northern Territory grouped into the following projects:

### Bynoe Lithium Project

Situated on the Cox Peninsula, 45 km south of Darwin, on the northern end of the Litchfield Pegmatite Belt, with 11 granted tenements covering 297 km<sup>2</sup>. Geologically centred around the Bynoe Pegmatite Field, the tenements share a border with Core Lithium's Finnis mine development. Significant lithium mineralisation was discovered at Lei in 2017 within the north-northeast trending spodumene bearing pegmatites. Current drill ready targets are Lei, SW Cai, Cai and Perseverance.

### Wingate Lithium Project

Located 150km south of Darwin, this single tenement (EL31132) covers the Wingate Mountains Pegmatite District, the southern part of the Litchfield Pegmatite Belt. It contains the known presence of pegmatites with little exploration and minor historical production of tin. Historical gold workings (Fletcher's Gully) are present.

### Arunta Lithium Projects

#### Barrow Creek

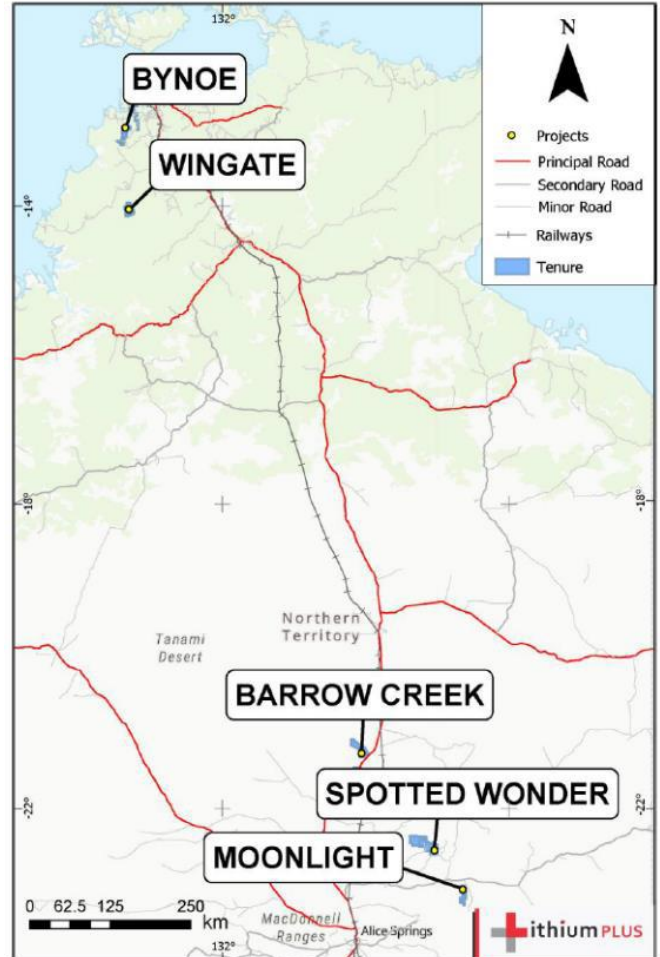
Located in the Northern Arunta pegmatite province, 300km north of Alice Springs. Historic tin and tantalum production and the presence of spodumene in nearby Anningie Pegmatite field suggest lithium potential.

#### Spotted Wonder

Located approx. 200km north-north-east of Alice Springs with proven lithium mineralisation, with amblygonite present in the Delmore Pegmatite.

#### Moonlight

Located within the Harts Range Pegmatite Field, approx. 200km north-east of Alice Springs. Presence of pegmatites containing elbaite, indicative of lithium enrichment.



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JORC, 2012 Edition: Table 1 report

**Section 1 Sampling Techniques and Data**

This Table 1 refers to current 2023 Lithium Plus Minerals (LPM) drilling currently underway at the Perseverance Prospect, Bynoe Project.

| Criteria              | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sampling techniques   | <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 downhole 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 (e.g. '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 (e.g. submarine nodules) may warrant disclosure of detailed information.</li> </ul> | <p>The current drilling reported in this release at the Perseverance Prospect, Bynoe is related to Reverse Circulation (RC) drilling activities completed from November 2023.</p> <p>RC Drilling</p> <ul style="list-style-type: none"> <li>The current RC drilling reported in this release at the Perseverance Prospect, Bynoe relating to 6 RC holes.</li> <li>RC drill samples were collected into two sub-samples:</li> <li>1m primary (20 – 40 kg) sample collected in pre-numbered 600x900mm green plastic bags; and</li> <li>1 metre representative (approximately 10-15% of the primary sample) split sample for assay, homogenized and cone split at the cyclone into 12 x 18-inch pre-numbered calico bags.</li> <li>RC sampling of pegmatite for assay is done on 1m intervals with up to 3m of wall rock sampled either side of pegmatite contacts.</li> </ul> |
| Drilling techniques   | <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 diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>Diamond drilling was carried out by drilling contractor, DDH1 Pty Ltd using an Sandvik DE 880 Dual RC/DD Drill Rig using a 135 to 142mm face-sampling bit.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Drill sample recovery | <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>RC drill recoveries were visually estimated from the volume of sample recovered, noting moisture and contamination.</li> <li>The rigs splitter was emptied between 1m samples by hammering the cyclone bin with a mallet and regularly cleaned by compressed air.</li> <li>Geological logging currently documents core recoveries within 95% of expected with nothing recorded concerning the amount and consistency of material recovered from the drilling.</li> <li>Some RC holes noted poor recoveries and contamination impacted by excessive water ingress, particularly in the weathered zone. Sample recovery in fresh pegmatite zones were above 90% with no observed material bias.</li> </ul>                                                                                                                             |
| Logging               | <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> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>Preliminary geological logging identifying the primary lithologies and core run recovery has been undertaken by suitably qualified geologists along the entire length of the diamond hole or RC hole.</li> <li>Detailed logging of mineralogy, veining, alteration, weathering, and other sample features as appropriate</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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| Criteria                                       | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                | <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>to the style of deposit is undertaken at the rig site and also undertaken again at the Company's logging facility.</p> <ul style="list-style-type: none"> <li>Logging is stored in hard copy and the Companies Geochemical Database software which utilises validated logging lists and data entry rules.</li> <li>All chip trays are photographed in natural light and logged under both natural and UV light.</li> <li>The level of detailed logging is aimed at supporting detailed geological modelling considered appropriate for future potential Resource estimation.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Sub-sampling techniques and sample preparation | <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>The pegmatite intervals (and up to 3m of the immediate wall rock) within the drillhole were sampled on intervals based on mineralisation potential, lithology contacts and structure.</li> <li>Sampling length ranged up to 1.0 metre of core length, appropriate to geology and mineralogy.</li> <li>Sampling is ½ cut core by diamond core saw by experienced LPM personnel at onsite core cutting facilities at Yarrowonga. ½ HQ core size is considered by LPM to be the minimum acceptable standard for representivity of pegmatite samples.</li> <li>Sampled core was transported to North Australian Laboratories (NAL) in Pine Creek for sample analysis.</li> <li>½ core is retained in plastic core trays at the LPM core facility for future work and reference.</li> <li>Sample preparation and associated QA/QC protocol has not been undertaken and will be reported at the appropriate time.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Quality of assay data and laboratory tests     | <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 accuracy (i.e. lack of bias) and precision have been established.</li> </ul>                                                                         | <ul style="list-style-type: none"> <li>Sample analysis for DDH samples were undertaken at North Australian Laboratories, Pine Creek, NT.</li> <li>A 0.3 g sub-sample of the pulp is digested in a standard 4 acid mixture and analysed via ICP-MS and ICP-OES methods for the following elements: Li, Cs, Rb, Sr, Nb, Sn, Ta, U, As, K, P, S and Fe. The lower and upper detection range for Li by this method are 1 ppm and 5000 ppm respectively.</li> <li>During the drilling program a 3000 ppm Li trigger was set to process that sample via a fusion method. The fusion method was - a 0.3 g sub-sample is fused with 1g of Sodium Peroxide Fusion flux and then digested in 10% hydrochloric acid. ICP-OES is used for the following elements: Li, P and Fe. The lower and upper detection range for Li by this method are 10 ppm and 20,000 ppm respectively.</li> <li>The laboratory has a regime of 1 in 8 control subsamples.</li> <li>NAL utilise standard internal quality control measures including the use of Certified Lithium Standards (approx. 1 in 4) and duplicates/repeats (approx. 1 in 6).</li> <li>Approximate LPM-implemented quality control procedures include: <ul style="list-style-type: none"> <li>One in 20 certified Lithium ore standards were used for this drilling.</li> <li>One in 20 duplicates were used for this drilling program.</li> <li>One in 20 blanks were inserted for this drilling.</li> </ul> </li> </ul> <p>QAQC of drilling data</p> <ul style="list-style-type: none"> <li>LPM used 3 standards based on Bynoe Region pegmatites between 2300ppm and 10200ppm Li.</li> <li>LPM used 1 blank based on granite chips between 38 ppm Li.</li> <li>No umpire samples</li> </ul> |

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| Criteria                                                | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                            | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Verification of sampling and assaying                   | <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> <li>Discuss any adjustment to assay data.</li> </ul>                                                    | <ul style="list-style-type: none"> <li>Detailed logging of the RC chip is entered directly into excel spreadsheets.</li> <li>The logging is routinely checked and manually verified within against chip trays, recovery and assay results by the exploration manager and the site procedures are routinely verified by the Site manager.</li> <li>Audits of the logging will be periodically done by external consultants.</li> <li>Metallic lithium percent was multiplied by a factor of 2.153/10000 to report Li ppm as Li<sub>2</sub>O%.</li> </ul>                                                                                    |
| Location of data points                                 | <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>                                                                                              | <p>Drill Collar</p> <ul style="list-style-type: none"> <li>The drill collar location has been recorded in the field using a hand-held global positioning system (GPS).</li> <li>The grid system is MGA_GDA94, zone 52 for easting, northing and RL.</li> <li>Locational accuracy is in the order of ±10 m in X-Y and ±15 m in RL (Z). These are yet to be surveyed by DGPS with more accuracy (to +/- 1m).</li> </ul> <p>Drill hole direction and downhole surveys</p> <ul style="list-style-type: none"> <li>Down hole surveys are routinely measured at 15m to 30m intervals with a Reflex's SingleShot downhole survey tool.</li> </ul> |
| Data spacing and distribution                           | <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>Drill spacing is determined by the stage of exploration of the prospect.</li> <li>The current hole positioning has been aimed at to 40 to 50m spacing along strike and vertical at a distance suitable to define structural trends and establish continuity and plunge of the mineralisation within the pegmatite body.</li> <li>Mineralised intervals reported are based on a maximum of one metre sample interval.</li> </ul>                                                                                                                                                                     |
| Orientation of data in relation to geological structure | <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>The reported drillhole has been oriented to intersect the structure/geology containing or controlling the pegmatite dyke at a high angle based on projections from historical and recent drilling and geological modelling.</li> <li>Generally, the orientation is appropriate. No sampling bias is considered to have been introduced given the observed mineralogy within the pegmatite body. Because of the dip of the hole, drill intersections are apparent thicknesses and overall geological context is needed to estimate true thicknesses.</li> </ul>                                      |
| Sample security                                         | <ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>RC chip samples for assay is collected by LPM personnel from site and transported to the core logging facility in Darwin daily. The logging facility is within a secure industrial premises, within a gated and fenced complex.</li> <li>The samples are logged in detail and processed prior to be transported off site (by courier service) to analytical laboratory for analysis.</li> </ul>                                                                                                                                                                                                     |
| Audits or reviews                                       | <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 review or audit has been conducted on the current drilling.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

## Section 2 Reporting of Exploration Results

| Criteria             | JORC Code explanation                                                                                                         | Commentary                                                                                                                                                                                                                     |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mineral tenement and | <ul style="list-style-type: none"> <li>Type, reference name/number, location and ownership including agreements or</li> </ul> | <ul style="list-style-type: none"> <li>The Bynoe project is centred around 15 km south of Darwin (at 12°40'S latitude, 130° 45'W longitude). The drilling reported here took place at the Perseverance prospect (EL</li> </ul> |

| Criteria                          | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| land tenure status                | <p>material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</p> <ul style="list-style-type: none"> <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>                                                                                                                                                                                                                                                                              | <p>31092).</p> <ul style="list-style-type: none"> <li>Lithium Plus Minerals Ltd are the registered holders of 22 EL's.</li> <li>The tenements are in good standing with the NT DPIR Title Division.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Exploration done by other parties | <ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>Previous exploration of pegmatite hosted mineralisation has occurred in the Bynoe region predominantly through historical small-scale workings targeting Sn ± Ta and through regional recent RC drilling programs by Core Exploration and Liantown Resources. Within Lithium Plus's target areas only historical workings and sparsely selected rock chip samples (pegmatite + host rock) have been previously undertaken.</li> <li>First pass drilling on the mentioned prospects was conducted by Kingston Resources under the current tenure in 2017.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Geology                           | <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 Tenements listed above form part of LPM's Bynoe Project which is in the Bynoe Pegmatite Field (NTGS Report 16).</li> <li>The Bynoe pegmatite field extends for some 70km in length and extending up to 15km in width.</li> <li>The pegmatites occur as clusters, in groups or a single body hosted within the metasedimentary rocks (turbiditic) of the Burrell Creek Formation and Welltree Metamorphics proximal to the Two Sisters Granite (ca 1850). The NTGS have interpreted the pegmatite occurrences to have evolved from the S-type Two Sisters Granite giving an age of ~1850 Ma.</li> <li>Individual pegmatites range from narrow metre-scale veins to broad lozenge-shaped bodies several tens of meters in width and up to 500m in length, and generally conform to the regional schistosity (structural fabric).</li> <li>The Bynoe pegmatites are characteristically 'LCT' type (Lithium-caesium-tantalum). It has been reported many of the pegmatite occurrences exhibit highly weathered clay-quartz saprolite surface expressions to significant depth. Weathering has likely stripped the pegmatite of the key lithium mineral spodumene (and possibly Tantalum) requiring deeper drilling to test for lithium grades.</li> <li>In drill core, the fresh pegmatite is composed of extremely coarse spodumene (20–30%), quartz, albite, microcline and muscovite (in decreasing order of abundance), along with accessory amblygonite, apatite, cassiterite, ilmenite, rutile, and rare columbite, tantalite, tourmaline (elbaite), fluorite, topaz and beryl (NTGS, 2017).</li> </ul> |
| Drill hole Information            | <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</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drillhole collar</li> <li>dip and azimuth of the hole</li> <li>downhole 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</li> </ul> | <ul style="list-style-type: none"> <li>Table 1 for drill hole information</li> <li>No drilling or material assay information has been excluded.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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| Criteria                                                         | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                  | report, the Competent Person should clearly explain why this is the case.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Data aggregation methods                                         | <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>Any sample compositing reported here is calculated via length weighted averages of the 0.3 to 1 m assays. Length weighted averages are acceptable method because the density of the rock (pegmatite) is constant.</li> <li>0.3% Li<sub>2</sub>O was used as lower cut off grades for compositing and reporting intersections with allowance for including up to 2m of consecutive drill material that has assayed below cut-off grade (internal dilution).</li> <li>There has been no top-cut to high grade with all 1m samples below 3.50% Li<sub>2</sub>O.</li> <li>No metal equivalent values have been used or reported</li> </ul> |
| Relationship between mineralisation widths and intercept lengths | <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 drillhole angle is known, its nature should be reported.</li> <li>If it is not known and only the downhole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</li> </ul>                                                                                                                                                                               | <ul style="list-style-type: none"> <li>The azimuth and dip data for the current hole is presented in Table 2. The holes have been drilled, in general, at an azimuth toward ~90° angles approximating 60-70° dip at the pegmatite intersection on the interpretation of north-trending, vertical to steeply east-dipping pegmatite body.</li> <li>The nature and dip of the pegmatite occurrences are still being evaluated.</li> <li>Estimated true widths are reported in Table 1 and are estimated to be around 60 to 70% of downhole width.</li> </ul>                                                                                                                    |
| Diagrams                                                         | <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 drillhole collar locations and appropriate sectional views.</li> </ul>                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>See Figures 2 and 4</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Balanced reporting                                               | <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>All current exploration results have been reported.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Other substantive exploration data                               | <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 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.</li> </ul>                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>Minor preliminary drilling exploration programs have been undertaken at the Perseverance Prospect by LPM in 2022 and 2023. Much of this historical constean exposures have been re-mapped for use in development of the preliminary geological model for the Perseverance Mineralisation and current exploration program design.</li> </ul>                                                                                                                                                                                                                                                                                            |
| Further work                                                     | <ul style="list-style-type: none"> <li>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>                                                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>Lithium Plus Minerals is conducting additional diamond drilling on a number of RC pre-collars at the Prospect to evaluate the down-plunge extent of the pegmatite. Refer main body of the report.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                           |

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