

Li

## TI TREE LITHIUM PROJECT UPDATE

### Lithium-fertile pegmatites confirmed throughout entire Volta corridor with three (3) drill targets identified

Li

#### HIGHLIGHTS

- **Highly successful maiden surface geochemical sampling campaign:**
  - Three (3) priority drill targets identified (“Andrada”, “Ceres”, “Morpheus”) with significant lithium-caesium-tantalum (LCT) anomalism. Awaiting POW approvals to drill test.
  - Rockchips with **highly anomalous lithium content** (peak: 887 ppm Li<sub>2</sub>O, 35 times above background\*).
  - Anomalous tantalum and caesium also identified within Li-enriched pegmatitic rockchips, confirming the presence of a lithium-caesium-tantalum (LCT) system (peak: 205 ppm Ta<sub>2</sub>O<sub>5</sub> & 320 ppm Cs<sub>2</sub>O respectively).
  - 228 samples collected across Ti Tree North & South – LCT anomalism identified across entire Volta corridor with < 5% of the tenure tested to date.
- **Confirmation that the source granitic suites within Ti Tree are highly prospective (“fertile”) for hosting LCT pegmatites, on par with those at the neighbouring [Yinnietharra Lithium discovery \(Red Dirt Metals Ltd\)](#) & other globally significant LCT terranes**
  - Identification of fertile parental granites is a critical exploration tool in the search for LCT pegmatites as their discovery can focus and expedite the search for lithium prospects.
  - Through geochemical analysis, two important hallmarks of LCT pegmatite systems have been confirmed:
    - The right source (parental) rocks ✓
    - The right chemistry within the pegmatites (highly fractionated) ✓
  - This has expedited target generation and vectoring towards several high-calibre drill targets.
- **Significant (>80%) increase in prospective “goldilocks” corridor from 22km to 40km strike within VSR tenure**
  - VSR’s interpreted prospective LCT corridor doubled in size.

\* Crustal abundance in granite (“background concentration”) of LCT elements given as 43 ppm Li<sub>2</sub>O, 4 ppm Cs<sub>2</sub>O & 3 ppm Ta<sub>2</sub>O<sub>5</sub>. Reference: Breaks *et. al* 2005, p. 4.

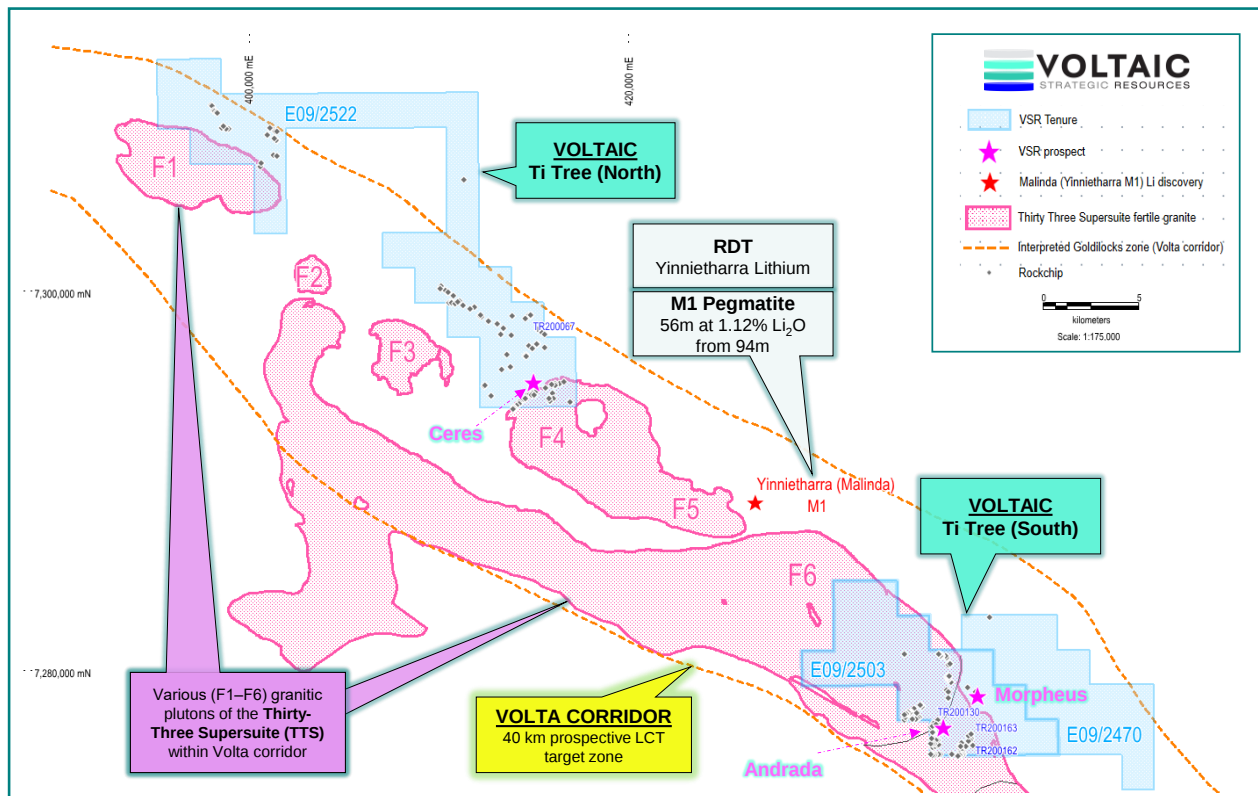
**Voltaic Strategic Resources Limited (“Voltaic” or ‘the Company’) (ASX:VSR)** is pleased to provide an update on its Ti Tree project, located in the Gascoyne region of Western Australia. Assays have been received for the maiden surface geochemical sampling campaign and have confirmed that the in-situ granitic intrusions across the entire project area are fertile for lithium (Li) mineralisation. This is highly significant at such an early stage of the project’s evolution and has resulted in an **expansion of the Volta corridor to 40km strike length and the identification of 3 priority drill targets.**

In addition to confirming the presence of fertile source (parental) rocks for hosting LCT pegmatites, further geochemical analysis has identified that several of the rockchip samples have anomalous tantalum (Ta) and caesium (Cs), and display the same chemical composition and texture as typical LCT pegmatites (highly fractionated and containing Cs, Ta and/or tourmaline). This further strengthens the prospectivity for hosting a true LCT system. It is worth noting that the Yinnietharra (Malinda) lithium discovery was initially identified as a prospect from fertility analysis undertaken by Segue Resources Ltd in 2016 (see [ASX:AMD release 09/06/2016](#)). Segue demonstrated that the Thirty-Three Supersuite (TTS) granitic belt is unequivocally fertile and hence, the likely source of lithium mineralisation in the region. The TTS underlies both the Yinnietharra lithium discovery and Voltaic’s Ti Tree tenements (**the 80 km strike “Volta corridor”**).

#### **Voltaic’s CEO, Michael Walshe, commented:**

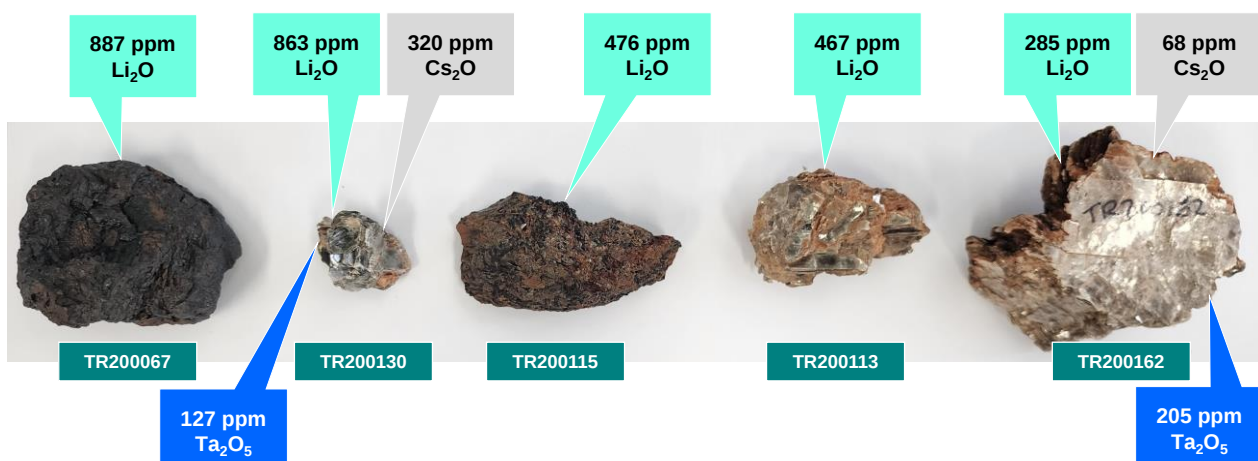
*“Through the use of established best practices in lithium exploration, Voltaic have clearly demonstrated that the granites (and associated schists) within our tenure are fertile and the respective pegmatites are of comparable calibre to those at the neighbouring Yinnietharra project. The Ti Tree project has never been systematically explored for Li, providing Voltaic with an outstanding opportunity to make a ‘greenfields’ discovery in a region that has become a Li exploration hotspot. Indeed, it could be argued that the TTS granites that underlay Ti Tree and Yinnietharra are comparable to those at world-class lithium deposits such as Pilgangoora in Western Australia, in terms of both fertility and fractionation (see [Figure 6](#)), and the Gascoyne region could soon emerge as Australia’s next major lithium supply hub.”*





**Figure 1: Location of rockchip samples collected across 40 km prospective lithium-caesium-tantalum (LCT) corridor within Ti Tree project area. TTS granites also shown (potential source for Li mineralisation)**

A selection of rockchip sample photos is provided in **Figure 2** below with anomalous lithium, caesium, and tantalum. Encouragingly, LCT anomalism has been observed within both pegmatites and ironstones with pegmatitic fabric, which indicates that there are various potential source geological terranes that could host economic mineralisation within the Ti Tree project.



**Figure 2: Pegmatite & ironstone rockchip photos with anomalous lithium, caesium, tantalum**

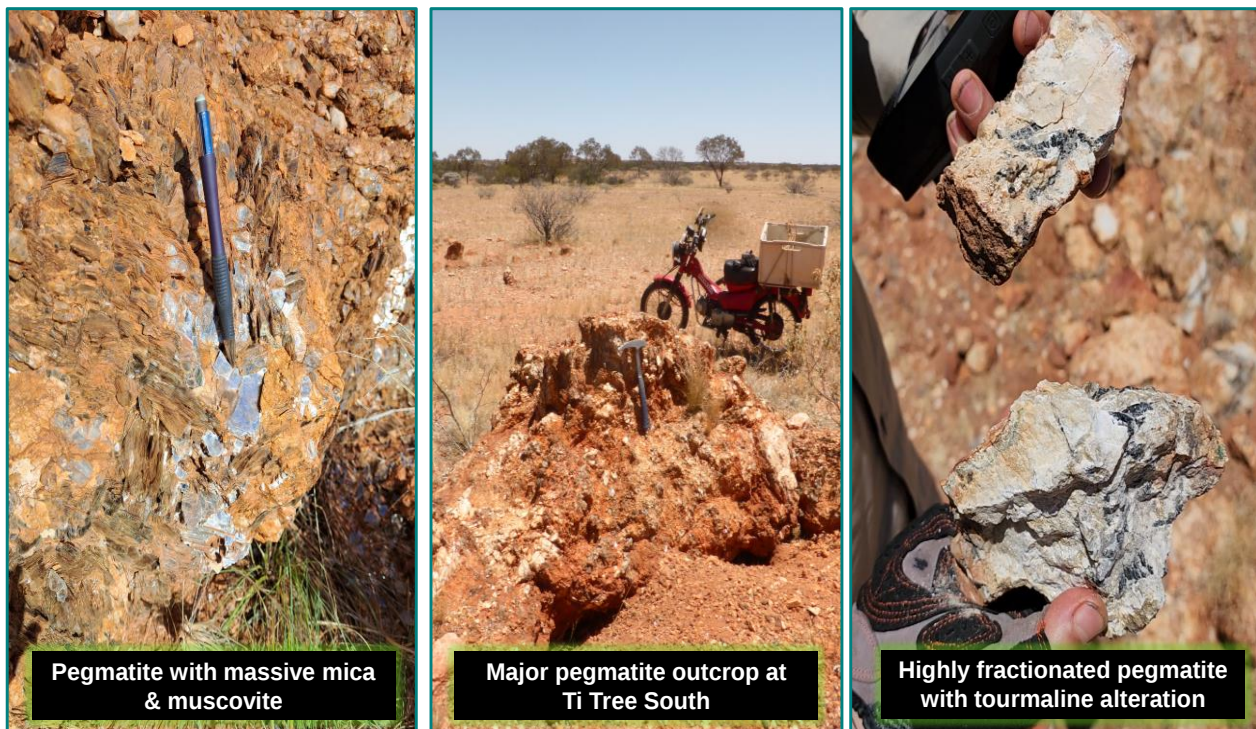
## Significance of the Results

The results highlight the potential for an economic LCT discovery within the project area from the **favourable geochemistry** of the initial rockchip results and the **extensive occurrence of pegmatite outcrop** throughout the tenure. The nature of LCT pegmatites limits the number of applicable exploration tools that can be utilised due to their typically non-responsive geophysical characteristics: non-magnetic, non-conductive and may not be distinguishable from surrounding rocks utilising gravity methods (Cerny 1989). Hence, geochemical exploration is key, and the company is encouraged by these favourable initial rockchip results. The pegmatites at Ti Tree may originate from the same fertile granitic source as the **Yinnietharra lithium discovery**, which further underpins the prospectivity at the project.

Voltaic's Ti Tree project is along strike, both north-west and south-east, of the Yinnietharra project and both are underlain by the Thirty-Three Supersuite (TTS) granites, which we have now demonstrated to be fertile from favourable rockchip geochemistry. Red Dirt Metals Limited (ASX:RDT) are actively drilling 90,000m into the Yinnietharra project and other regional targets. Initial drill results for the 'M1 pegmatite' are significant and include 56m at 1.12% Li<sub>2</sub>O from 94m (YNRD005) ([ASX:RDT release:20/01/2023](#)), and visual identification of spodumene within multiple holes ([ASX:RDT release:28/11/2022](#)). M1 shows significant down-dip continuity with excellent Li<sub>2</sub>O grades from surface, which is very encouraging for the entire region.

From the fertility analysis of these initial rockchips, Voltaic has identified a significant increase in the prospective LCT **"goldilocks" corridor\*** from 22km to **40km strike length within the Ti Tree tenure**, which is highly significant. As discussed in [ASX:VSR announcement 30/012023](#), the source of Li fertility of the M1 pegmatite may be granitic pluton F6 which underlies Voltaic's tenure (see [Figure 1](#)).

\* The **Volta corridor** is an 80km interpreted prospective corridor of LCT-bearing pegmatites that comprises the "goldilocks" zone around potential fertile parental granitic plutons (London 2018). Voltaic's tenure has an interpreted 50% of this "goldilocks" zone (40km) (See Figure 1)



**Figure 3: Photos from Ti Tree South.**

Rockchip sampling has confirmed favourable geochemistry for the presence of LCT mineralisation.

## RESULTS

**Table 1: Phase 1 & 2 rockchip results - LCT oxides & fertility ratios (Mg/Li, Nb/Ta)**

| Sample ID | Easting | Northing | Sample Type | Lithology            | ASSAYS                   |                                      |                         | RATIOS**  |           |
|-----------|---------|----------|-------------|----------------------|--------------------------|--------------------------------------|-------------------------|-----------|-----------|
|           |         |          |             |                      | Li <sub>2</sub> O (ppm)* | Ta <sub>2</sub> O <sub>5</sub> (ppm) | Cs <sub>2</sub> O (ppm) | Mg/Li (-) | Nb/Ta (-) |
| TR200067  | 414791  | 7298760  | Rock        | Ironstone            | 887.0                    | 0.5                                  | 0.3                     | 3         | 6         |
| TR200130  | 436040  | 7277262  | Rock        | Pegmatite            | 863.4                    | 127.0                                | 320.1                   | 4         | 3         |
| TR200115  | 436285  | 7276081  | Rock        | Pegmatite            | 475.8                    | 6.1                                  | 10.3                    | 7         | 12        |
| TR200113  | 436129  | 7276060  | Rock        | Pegmatite            | 456.4                    | 1.2                                  | 56.5                    | 161       | 15        |
| TR200129  | 435940  | 7277068  | Rock        | Pegmatite            | 426.3                    | 4.1                                  | 7.8                     | 5         | 11        |
| TR200133  | 435416  | 7278251  | Rock        | Pegmatite            | 385.4                    | 6.8                                  | 8.6                     | 6         | 12        |
| TR200163  | 438043  | 7276481  | Rock        | Pegmatite            | 381.1                    | 127.0                                | 85.2                    | 33        | 1         |
| TR200117  | 436277  | 7276383  | Rock        | Pegmatite            | 312.2                    | 13.3                                 | 19.6                    | 10        | 8         |
| TR200125  | 435126  | 7277501  | Rock        | Pegmatite            | 288.5                    | 5.5                                  | 5.8                     | 9         | 11        |
| TR200162  | 438019  | 7276427  | Rock        | Pegmatite            | 284.2                    | 205.1                                | 68.3                    | 31        | 1         |
| TR200188  | 436013  | 7277096  | Rock        | Pegmatite            | 284.2                    | 4.0                                  | 12.3                    | 5         | 10        |
| TR200173  | 437627  | 7275621  | Rock        | Pegmatite            | 198.1                    | 4.9                                  | 7.8                     | 9         | 7         |
| TR200006  | 415975  | 7294668  | Rock        | Metachert-FeOx       | 196.8                    | 0.6                                  | 27.0                    | 16        | 13        |
| TR200181  | 436363  | 7276784  | Rock        | Pegmatite            | 190.8                    | 15.1                                 | 43.1                    | 8         | 6         |
| TR200158  | 436481  | 7276815  | Rock        | Pegmatite            | 185.6                    | 11.8                                 | 38.7                    | 16        | 5         |
| TR200167  | 437579  | 7275781  | Rock        | Pegmatite            | 184.1                    | 7.1                                  | 20.9                    | 8         | 5         |
| TR200179  | 436399  | 7277152  | Rock        | Pegmatite            | 181.7                    | 3.9                                  | 12.3                    | 30        | 8         |
| TR200174  | 437592  | 7275596  | Rock        | Pegmatite            | 150.1                    | 5.6                                  | 10.8                    | 17        | 10        |
| TR200182  | 436344  | 7276793  | Rock        | Pegmatite            | 141.5                    | 7.2                                  | 52.3                    | 13        | 5         |
| TR200189  | 436242  | 7277181  | Rock        | Pegmatite            | 135.4                    | 7.1                                  | 9.2                     | 10        | 8         |
| TR200159  | 437553  | 7276224  | Rock        | Pegmatite            | 133.3                    | 7.8                                  | 10.3                    | 8         | 7         |
| TR200009  | 415812  | 7294224  | Rock        | Metachert-FeOx       | 126.2                    | 0.4                                  | 1.8                     | 7         | 10        |
| TR200053  | 415589  | 7294923  | Rock        | Mica gneiss          | 125.1                    | 1.8                                  | 51.9                    | 142       | 11        |
| TR200119  | 436100  | 7276183  | Rock        | Pegmatite            | 122.5                    | 4.8                                  | 8.4                     | 16        | 13        |
| TR200138  | 434846  | 7277819  | Rock        | Pegmatite            | 119.3                    | 7.1                                  | 11.3                    | 19        | 10        |
| TR200176  | 437432  | 7275579  | Rock        | Pegmatite            | 119.3                    | 2.7                                  | 6.9                     | 13        | 10        |
| TR200139  | 434811  | 7277815  | Rock        | Pegmatite            | 118.4                    | 2.2                                  | 6.5                     | 19        | 9         |
| TR200124  | 435211  | 7277542  | Rock        | Pegmatite            | 118.2                    | 40.8                                 | 39.3                    | 18        | 4         |
| TR200131  | 435441  | 7278147  | Rock        | Pegmatite            | 116.1                    | 6.1                                  | 4.5                     | 13        | 5         |
| TR200090  | 398091  | 7309587  | Rock        | Quartz-goethite vein | 114.8                    | 0.1                                  | 0.2                     | 3         | 11        |
| TR200168  | 437428  | 7276066  | Rock        | Pegmatite            | 113.9                    | 19.1                                 | 19.3                    | 13        | 3         |
| TR200172  | 437423  | 7275673  | Rock        | Pegmatite            | 112.4                    | 10.0                                 | 17.8                    | 13        | 6         |
| TR200123  | 435292  | 7277582  | Rock        | Pegmatite            | 108.7                    | 6.0                                  | 8.7                     | 17        | 8         |
| TR200136  | 434876  | 7277861  | Rock        | Pegmatite            | 104.4                    | 9.7                                  | 4.8                     | 21        | 3         |
| TR200164  | 437998  | 7276374  | Rock        | Tourmaline-peg.      | 103.8                    | 13.1                                 | 12.3                    | 142       | 3         |
| TR200013  | 414800  | 7294582  | Rock        | Granite              | 100.8                    | 2.5                                  | 15.6                    | 147       | 11        |
| TR200166  | 437469  | 7275879  | Rock        | Pegmatite            | 98.4                     | 14.5                                 | 15.5                    | 11        | 3         |
| TR200070  | 411035  | 7299515  | Rock        | Ironstone            | 98.4                     | 2.1                                  | 3.9                     | 61        | 10        |
| TR200186  | 436015  | 7276816  | Rock        | Pegmatite            | 95.2                     | 28.2                                 | 21.0                    | 4         | 2         |
| TTSRK004  | 438192  | 7278662  | Rock        | Pegmatite            | 94.5                     | 1.4                                  | 15.0                    | 235       | 13        |
| TR200143  | 434532  | 7277725  | Rock        | Pegmatite            | 94.3                     | 5.5                                  | 3.9                     | 21        | 6         |
| TR200052  | 415596  | 7294916  | Rock        | Granite              | 92.8                     | 3.4                                  | 19.4                    | 41        | 8         |
| TR200120  | 436010  | 7276199  | Rock        | Pegmatite            | 91.9                     | 2.7                                  | 3.1                     | 17        | 8         |
| TR200010  | 415763  | 7294376  | Rock        | Granite              | 91.3                     | 5.5                                  | 8.0                     | 36        | 6         |
| TR200177  | 437371  | 7275550  | Rock        | Pegmatite            | 89.1                     | 4.3                                  | 7.2                     | 14        | 7         |
| TR200137  | 434848  | 7277872  | Rock        | Pegmatite            | 83.3                     | 9.4                                  | 11.5                    | 23        | 8         |
| TR200002  | 416573  | 7295278  | Rock        | Granite              | 78.6                     | 4.1                                  | 17.9                    | 70        | 5         |
| TR200165  | 437895  | 7276318  | Rock        | Pegmatite            | 78.6                     | 6.7                                  | 16.1                    | 25        | 5         |
| TR200064  | 414686  | 7298726  | Rock        | Qz-goethite          | 78.6                     | 0.1                                  | 0.1                     | 5         | 4         |
| TR200190  | 436212  | 7277210  | Rock        | Pegmatite            | 77.3                     | 4.9                                  | 4.6                     | 14        | 8         |
| TR200161  | 438122  | 7276093  | Rock        | Pegmatite            | 73.4                     | 5.3                                  | 7.7                     | 15        | 8         |
| TR200183  | 436313  | 7276813  | Rock        | granite gneiss       | 71.3                     | 7.6                                  | 10.8                    | 21        | 4         |
| TR200184  | 436100  | 7276776  | Rock        | Pegmatite            | 69.1                     | 3.4                                  | 5.8                     | 17        | 6         |
| TR200005  | 416110  | 7295097  | Rock        | Pegmatite            | 64.8                     | 1.8                                  | 4.0                     | 1100      | 12        |
| TR200008  | 416880  | 7294215  | Rock        | Dolerite             | 64.2                     | 2.6                                  | 9.7                     | 103       | 9         |
| TR200141  | 434647  | 7277749  | Rock        | Granite              | 60.9                     | 11.0                                 | 13.0                    | 30        | 7         |
| TR200004  | 416104  | 7295099  | Rock        | Pegmatite            | 59.0                     | 1.2                                  | 15.1                    | 107       | 9         |
| TR200180  | 436407  | 7276799  | Rock        | Metachert-FeOx       | 58.1                     | 31.0                                 | 20.9                    | 15        | 2         |
| TR200003  | 416124  | 7295181  | Rock        | Pegmatite            | 55.8                     | 1.2                                  | 56.2                    | 49        | 12        |
| TR200054  | 415929  | 7295103  | Rock        | Metachert-FeOx       | 54.0                     | 2.5                                  | 8.4                     | 144       | 9         |
| TR200121  | 435925  | 7276207  | Rock        | Granite              | 53.8                     | 0.8                                  | 8.7                     | 8         | 8         |
| TTSRK021  | 436876  | 7279777  | Rock        | Pegmatite            | 53.4                     | 0.9                                  | 2.4                     | 60        | 3         |
| TR200187  | 435895  | 7277059  | Rock        | Biotite schist       | 52.3                     | 2.4                                  | 6.7                     | 17        | 7         |
| TR200128  | 434588  | 7277566  | Rock        | Pegmatite            | 52.1                     | 17.8                                 | 9.7                     | 19        | 3         |
| TR200015  | 414657  | 7294603  | Rock        | Pegmatite            | 50.4                     | 2.2                                  | 6.2                     | 378       | 9         |
| TR200027  | 412380  | 7295057  | Rock        | Pegmatite            | 47.4                     | 1.6                                  | 6.7                     | 518       | 11        |

\* Cutoff used: Li<sub>2</sub>O < 45 ppm. See Table 3 in the Appendix for the supplementary suite of assay data.

\*\*Ratios: Mg/Li < 50 indicates a fertile system, with <10 highly prospective. Nb/Ta <= 8 indicates highly fractionated zonation (favourable for LCT mineralisation).

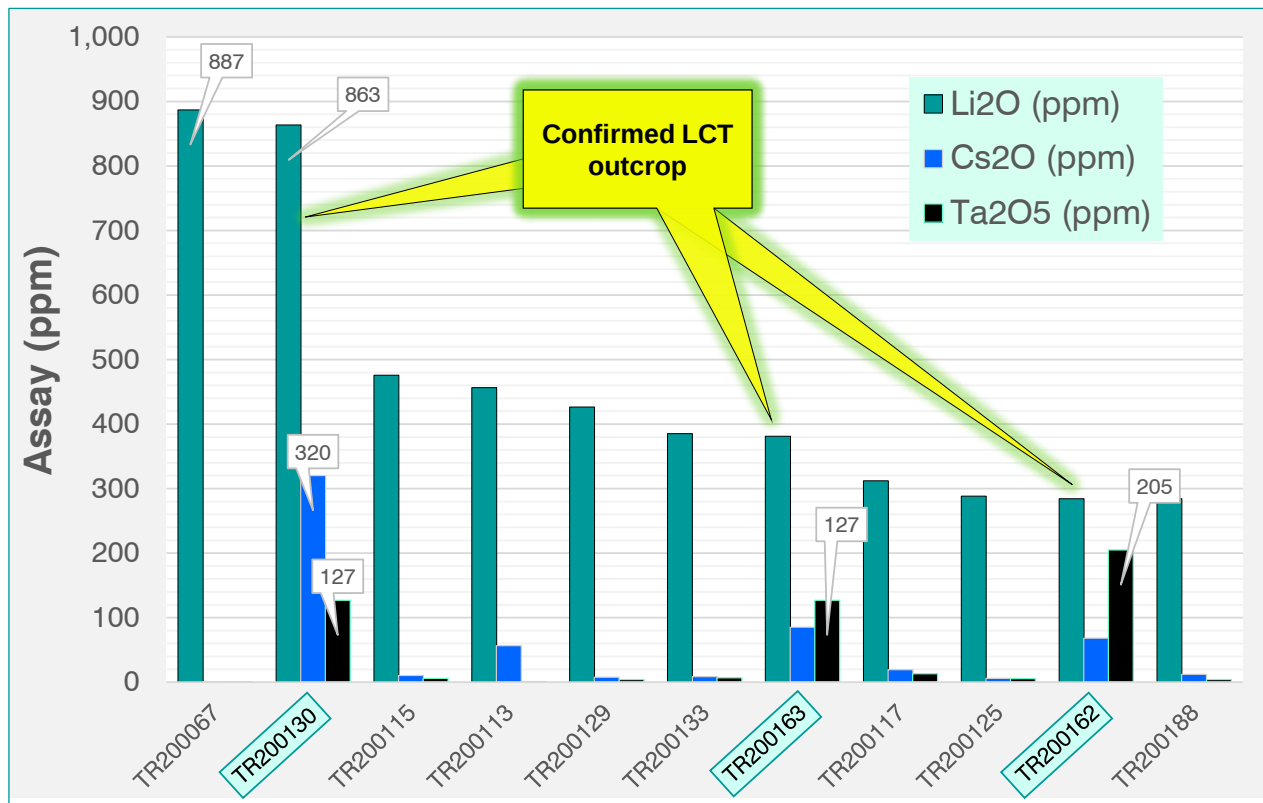


Figure 4: Ti Tree phase 1 & 2 rockchip samples - lithium, caesium & tantalum oxide assays

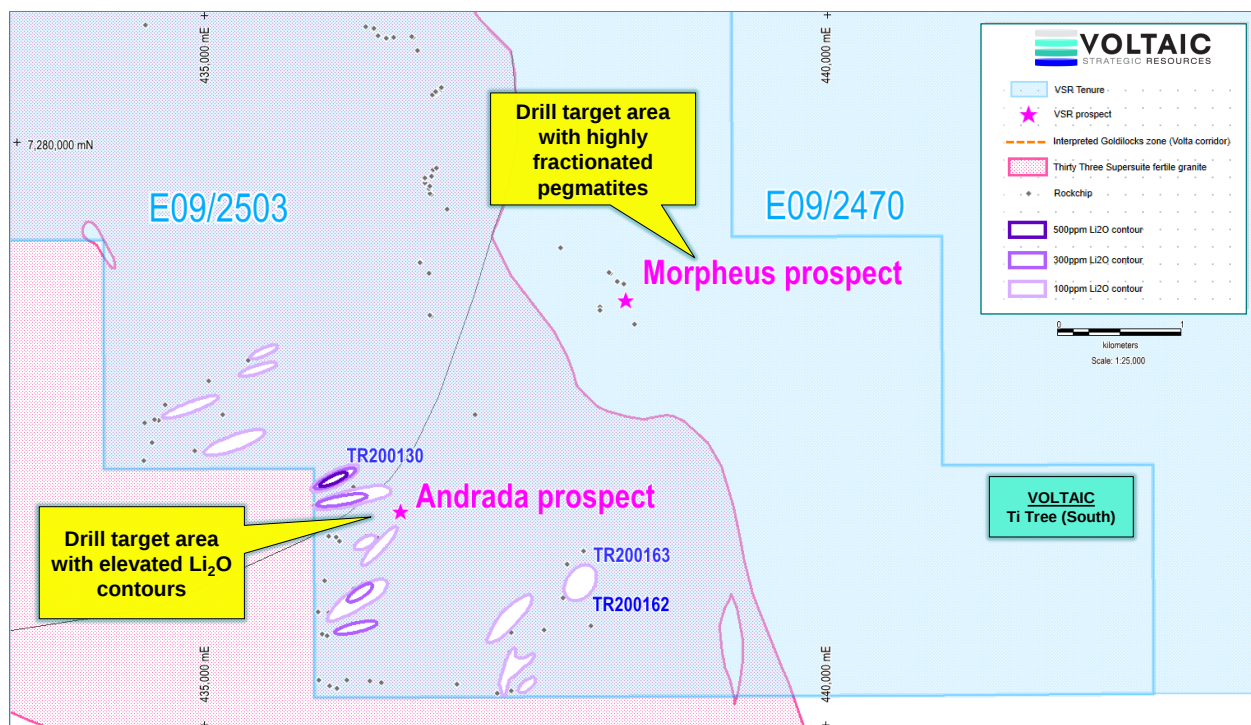


Figure 5: Lithium oxide contours within E09/2503 with two (2) drill target areas shown (Andrada & Morpheus)

## TECHNICAL DISCUSSION

For this discussion, a pegmatite can be viewed as the **offspring of a parental granitic rock**, and the granite / pegmatite can be categorised as either “barren” (not enriched) or “fertile” (enriched in the minerals of interest).

- Identification of **fertile parental granites** is a critical exploration tool in the initial search for LCT pegmatites as their discovery can greatly reduce the search area for lithium deposits (Cerny 1989; London 2018).
- Lithium-bearing pegmatites are plutonic rocks formed by the late-stage fractionation and emplacement of **fertile, peraluminous (high alumina content) granites**. They are commonly referred to as LCT pegmatites due to the enrichment in the incompatible elements of lithium, caesium, and tantalum (Breaks et al. 1997).
- As the pegmatites evolve, their chemical composition changes with distance from the parent granitic source as different minerals begin to form. This is called **fractionation**. A high degree of fractionation is a well-known hallmark of LCT-enriched pegmatites (Selway et al. 2005).
- LCT pegmatites are generally emplaced ~0-10 km of fertile granites (“goldilocks” zone) (Bradley et al. 2017).

## What is a “fertile granite”?

The initial step for determining regional-scale favourability for hosting LCT pegmatites is **fertility analysis** – utilising whole-rock geochemistry to determine whether the right chemical conditions are present for LCT minerals to form.

- Fertile LCT granites/pegmatites have elevated Li, Cs, Ta abundances compared to the average upper continental crust; low Ca, Fe, and Mg; and **atypical elemental ratios\*** (of which the ratios **Mg/Li** and **Nb/Ta** are the most useful) with the required ranges provide below (Cerny 1989; Breaks et al. 2005; Steiner 2019)
- Increasing fractionation can be identified from elemental analysis: Li, Ca, Ta (and Rb) are observed to increase, while elements like Sr, Zr, and Mg decrease (Breaks et al. 1997; Breaks et al. 2003).

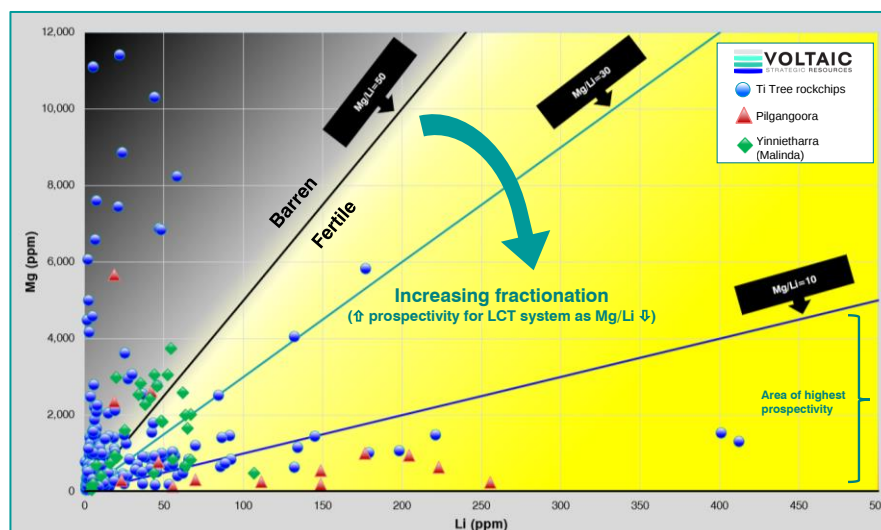
**Table 2: Geochemical fertility ratios within fertile granites / pegmatites**

| Geochemical ratio                    | Required range for fertility / fractionation         |
|--------------------------------------|------------------------------------------------------|
| Magnesium : Lithium ( <b>Mg/Li</b> ) | >50 = barren, <50 = fertile, with <30 highly fertile |
| Niobium : Tantalum ( <b>Nb/Ta</b> )  | <=8 indicating high fractionation                    |
| Potassium : Rubidium (K/Rb)          | 42 – 270                                             |
| Magnesium : Lithium (K/Cs)           | 1,600 – 15,400                                       |
| Zirconium : Hafnium (Zr/Hf)          | 16 – 64                                              |

\* Geochemical ratios are highly effective LCT pegmatite exploration tools as they help overcome extreme concentration variations in zoned pegmatites (Breaks et al. 2005)

Source: Cerny (1989, p.283); Breaks et al. (2005, p. 9)

The most important fertility indicator ratio, **Mg/Li**, is plotted for the Ti Tree rockchips in **Figure 6** below, with a comparison also provided for the world-class Pilgangoora lithium deposit & early samples from Yinnietharra. Encouragingly, a significant number of the Ti Tree rockchips fall within the ‘fertile’ region (**Mg/Li**<50) and are comparable to both peers. Other fertility ratio plots are provided in the Appendix, all of which support favourable fertility for the Ti Tree rockchips.

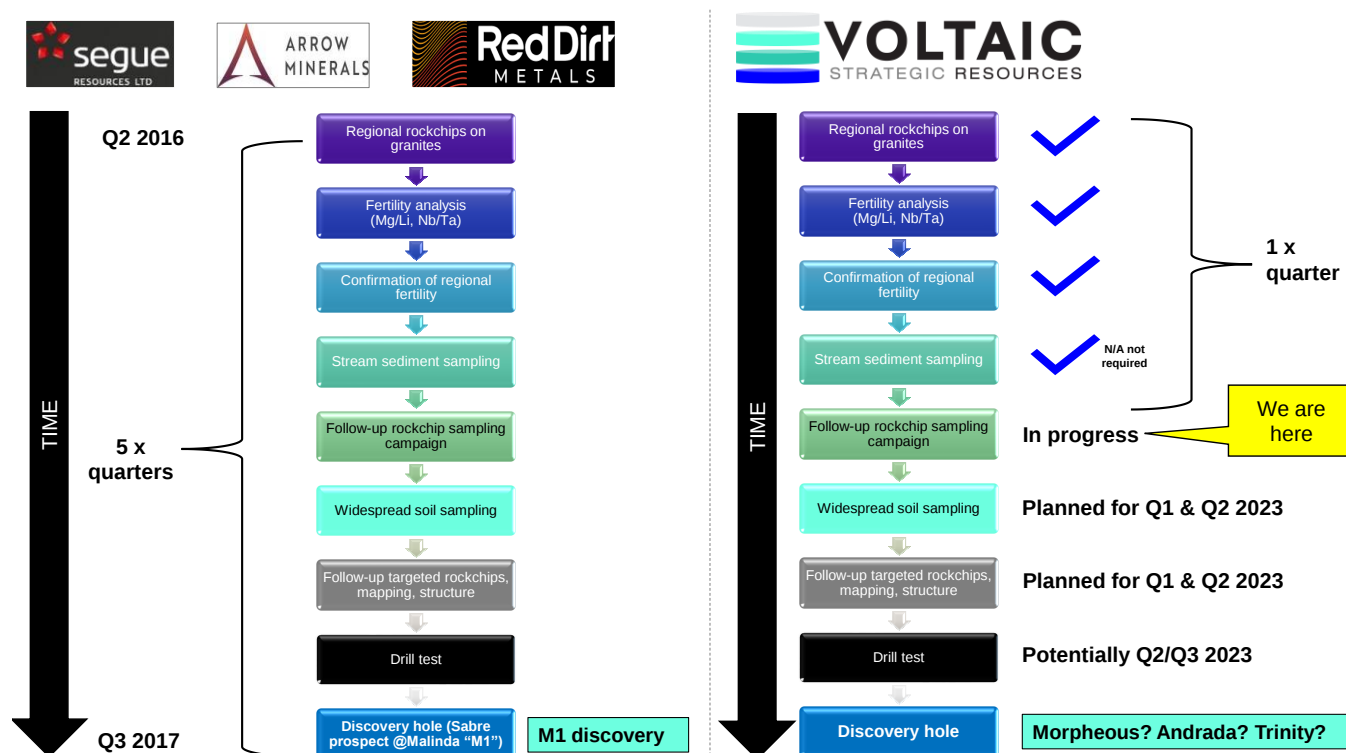


**Figure 6: Fertility analysis derived from Mg/Li ratio – Ti Tree, Yinnietharra, Pilgangoora Li deposit**

Source: Segue Resources (2016), WAMEX report A106348 (Pilbara Minerals 2017)

## Pathway to discovery

As discussed above, the pegmatites at Ti Tree may originate from the same fertile granitic source as the neighbouring Yinnietharra lithium discovery. Voltaic's technical team have undertaken a detailed analysis of the Yinnietharra project's journey towards the initial discovery in 2017 (by Segue Resources Ltd who later became Arrow Minerals Ltd) and a timeline of key events is provided in **Figure 7** below. A comparison is also made to Voltaic's journey so far at Ti Tree, and we are encouraged by the progress made within our initial three months of exploration.



**Figure 7: Timeline of key events for making the Yinnietharra Li discovery with comparison to VSR's Ti Tree**  
Source: Segue Resources (2016; 2017)

## Upcoming Exploration

- 'Phase 3' of ground reconnaissance at Ti Tree is planned for February/March 2023 and will comprise further geochemical sampling and planning for the subsequent regional soil sampling campaign.
- The regional broad-coverage soil sampling campaign is planned to commence in February 2023 for the entire Volta corridor and will comprise 8,000 soil samples in total. Phase-1 will commence at Ti Tree South E09/2503 & E09/2470 (3,000 samples), with follow up phases thereafter across Volta. This campaign will provide geochemical data over the entire prospective corridor and will target the schists within Volta (see [ASX:VSR announcement 30/01/2023](#)).
- A high-resolution UAV drone survey is planned for February 2023 and will provide detailed high-resolution imagery to assist with regional geological mapping and identification of pegmatite outcrops.
- Detailed geophysical and structural interpretation analysis is underway in collaboration with Southern Geoscience Consultants (SGC), to complement the Company's pipeline of targets. Follow-up geophysical surveys may commence in March/April 2023, depending on the results from SGC's assessment.
- **Reverse circulation drilling will follow priority target ranking.**

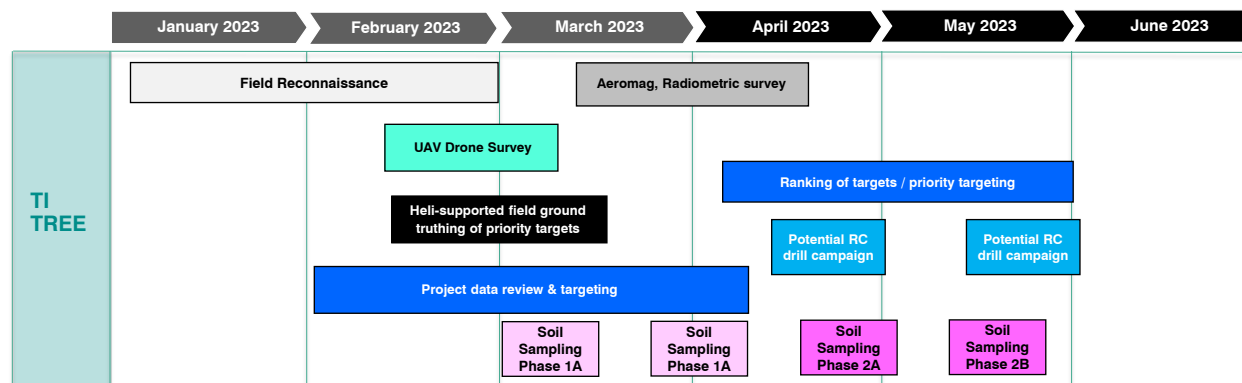


Figure 8: Planned and completed activities at Ti Tree – Q1-Q2 2023

## Upcoming Newsflow

- **February 2023:** Update on geophysical targeting & planned soil sampling campaign at Ti Tree
- **February 2023:** Gascoyne regional update
- **March/April 2023:** Drill results from Paddys Well

## Previous Related Market Announcements

|         |                                                                            |            |
|---------|----------------------------------------------------------------------------|------------|
| ASX:VSR | <a href="#">Ti Tree Project Update</a>                                     | 30/01/2023 |
| ASX:VSR | <a href="#">Gascoyne Tenement and Project Update</a>                       | 12/01/2023 |
| ASX:VSR | <a href="#">Pegmatite occurrences confirmed at Ti Tree</a>                 | 12/12/2022 |
| ASX:VSR | <a href="#">Ti-Tree Lithium Project Update - Malinda Lookalike Targets</a> | 30/11/2022 |
| ASX:VSR | <a href="#">Lithium Potential Expanded at Gascoyne Project</a>             | 02/11/2022 |

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## 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

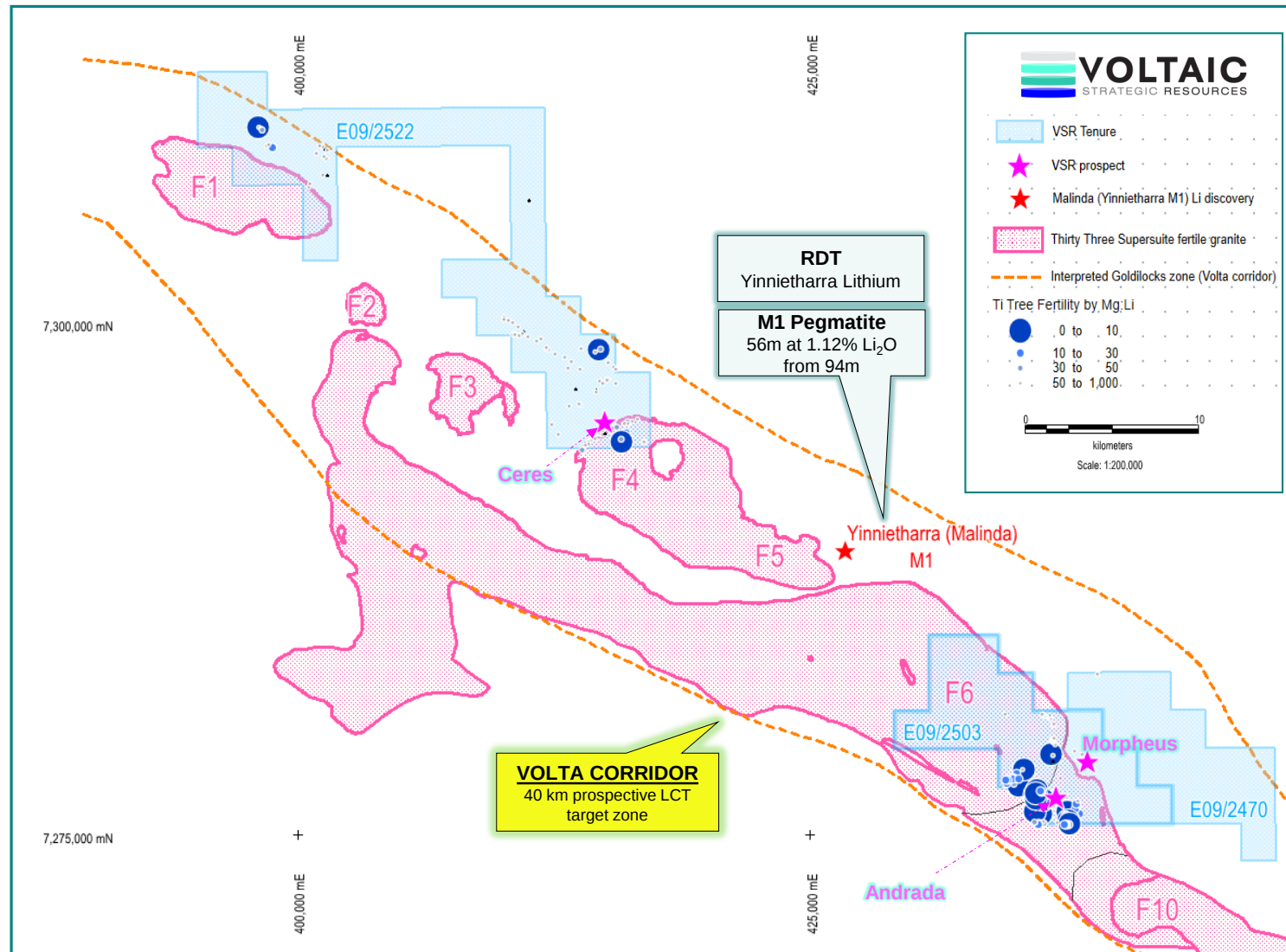
This announcement may contain forward-looking statements involving several risks and uncertainties. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and assumptions 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.

## MAP COORDINATES

All coordinates in MGA Zone 50 GDA

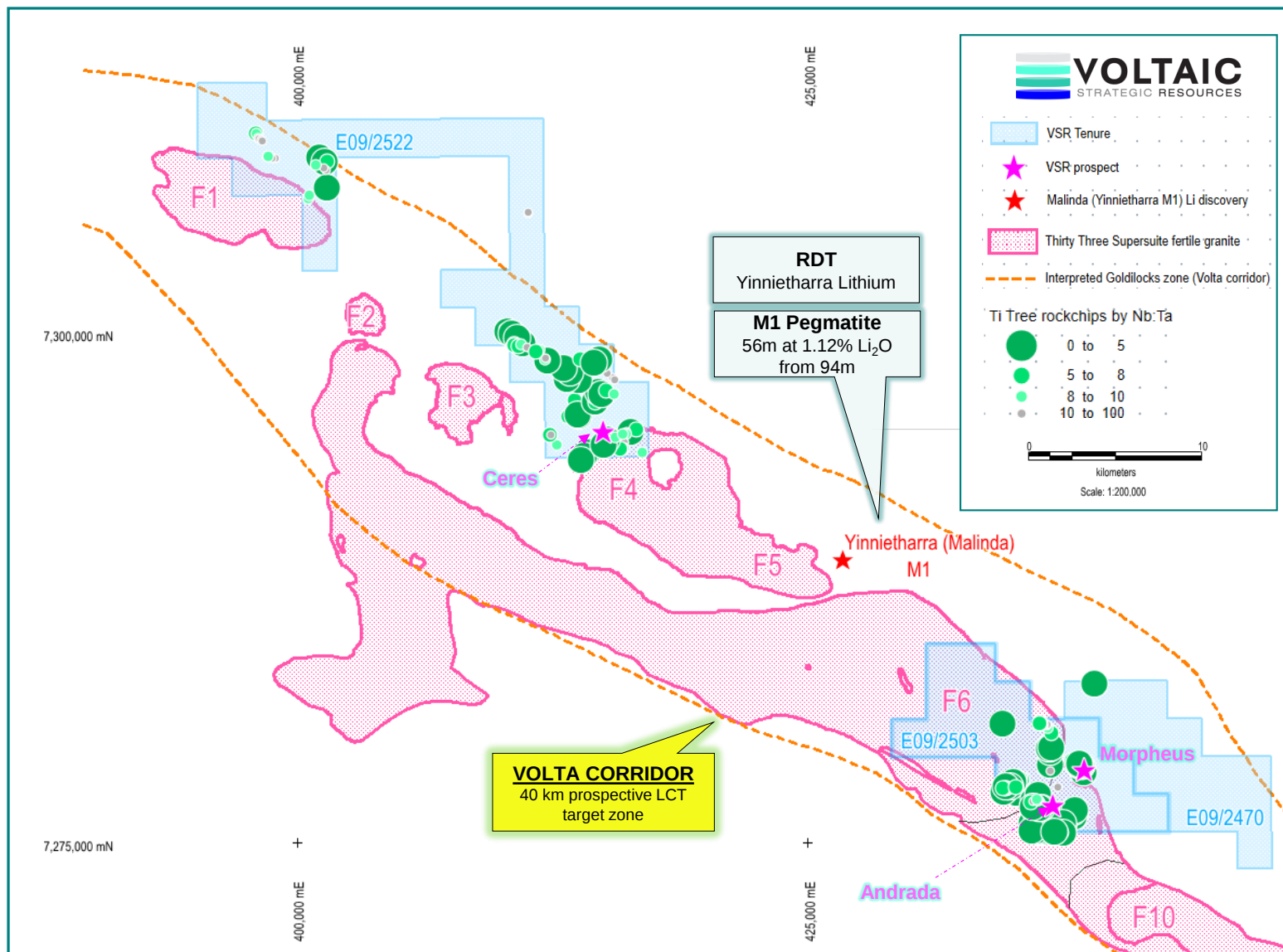
## ANNEXURE 1 – SUPPLEMENTARY DATA

### Fertility Analysis by Geochemical Ratios - Concentration Plots



**Figure 9: Fertility analysis derived from Mg/Li ratio.**

Mg/Li < 50 indicates a fertile granitic system with LCT prospectivity increasing as Mg/Li decreases



**Figure 10: Fertility analysis derived from Nb/Ta ratio**  
Nb/Ta < 8 indicates high fractionation and favourable LCT prospectivity

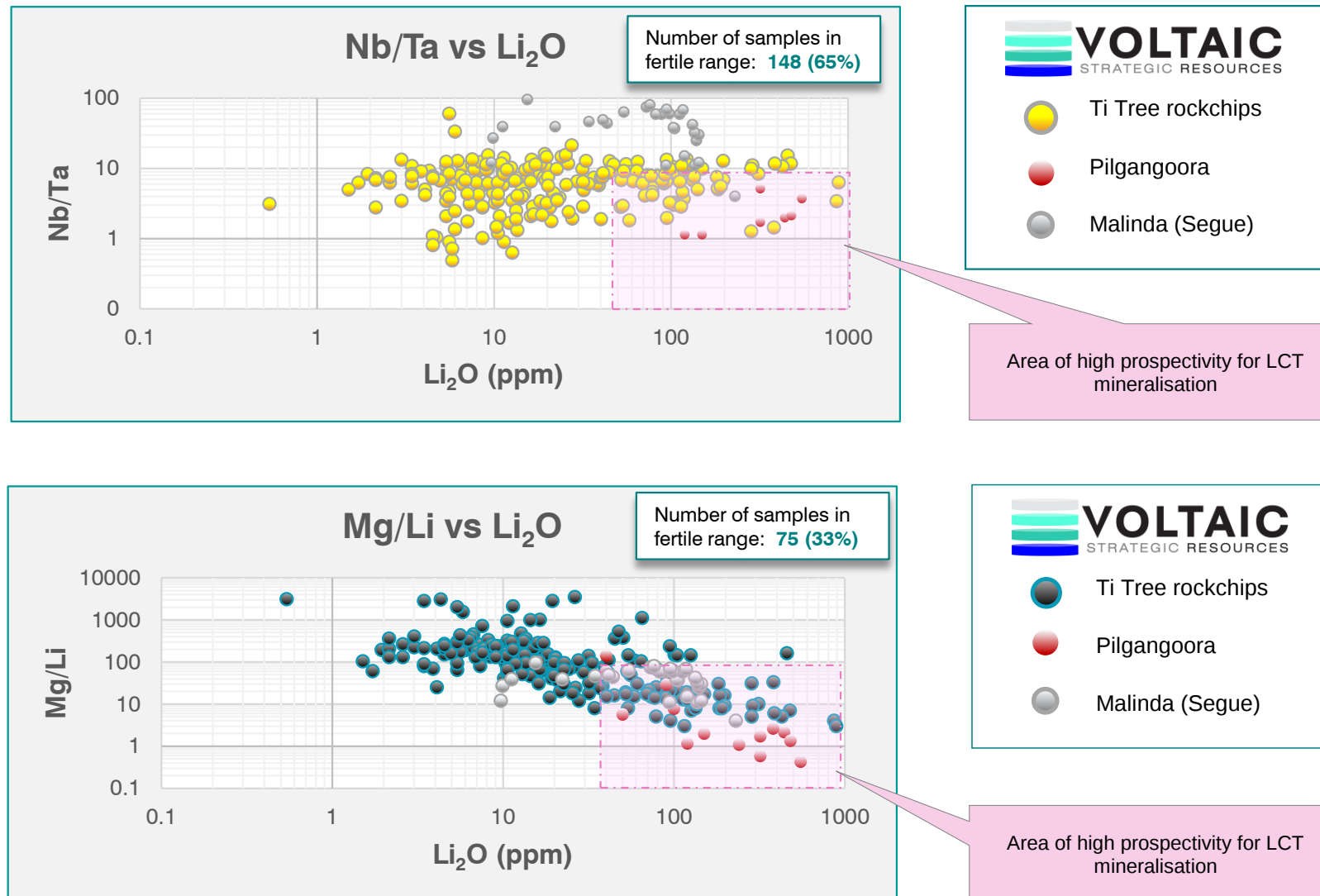
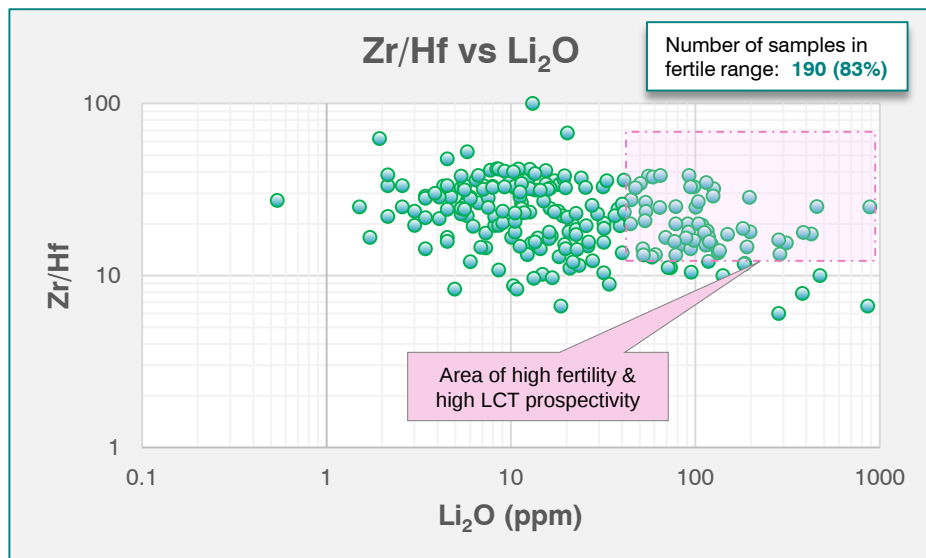
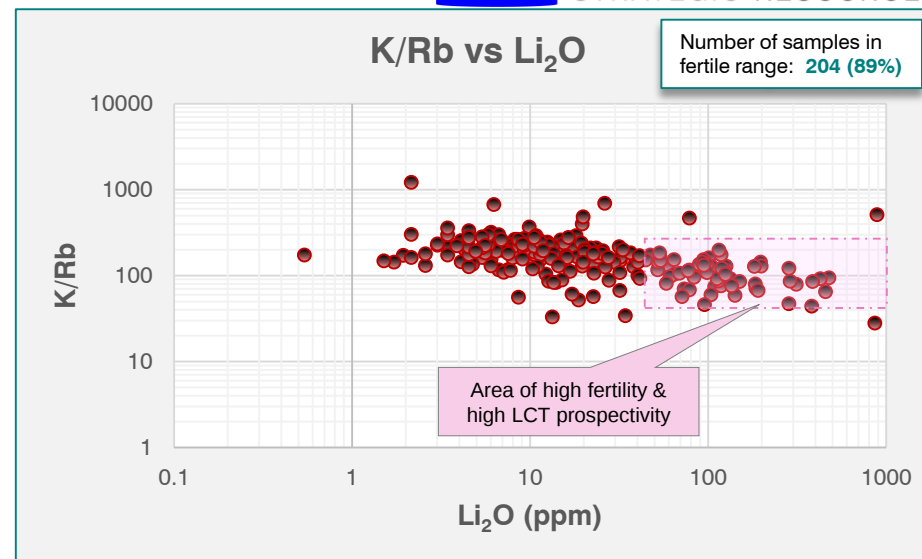
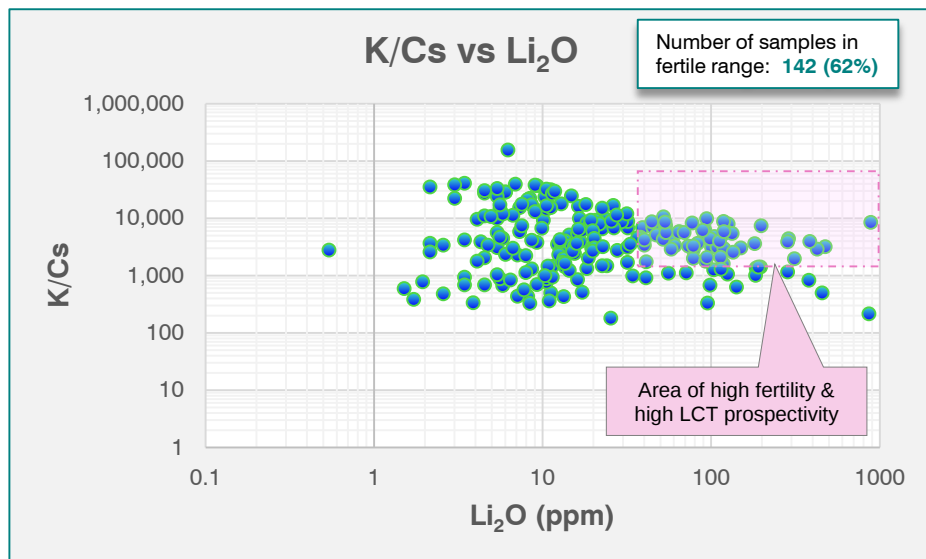


Figure 11: Fertility ratios Mg/Li & Nb/Ta vs/ Li<sub>2</sub>O concentration for rockchip samples – Ti Tree & Yinnietharra rockchips, Pilgangoora Li deposit

NOTE: Pink shaded area represents area of high prospectivity for LCT mineralisation with anomalous Li<sub>2</sub>O & favourable fertility

Source: Segue Resources (2016), WAMEX report A106348 (Pilbara Minerals 2017)



**Figure 12: Fertility ratios K/Cs, K/Rb, Zr/Hf vs Li<sub>2</sub>O concentration for Ti Tree rockchip samples.**

NOTE: Pink shaded area represents area of high prospectivity for LCT mineralisation with anomalous Li<sub>2</sub>O & favourable fertility

## ANNEXURE 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                            | <ul style="list-style-type: none"> <li>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul> | <ul style="list-style-type: none"> <li>Rock chip samples were taken as individual rocks representing an outcrop to give an indication of possible grades and widths that can be expected from drilling. Individual rock samples can be biased towards higher grade mineralisation.</li> <li>Rock chip samples were typically between 1 and 2 kg. The entire sample received by the laboratory was crushed and pulverised to 85% passing 75 micron</li> <li>A duplicate sample of between 0.1 and 0.2 kg was retained by the Company for all samples reported.</li> </ul> |
| Drilling techniques                            | <ul style="list-style-type: none"> <li>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>No new drilling results are included in this report.</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>No new drilling results are included in this report.</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> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>No new drilling results are included in this report.</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 entire sample received by the laboratory was crushed and pulverised to 85% passing 75 micron.</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 (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>Rock chip samples were analysed by <b>Labwest Minerals Analysis Pty Ltd</b> in Perth.</li> <li>The sample analysis uses multi-acid microwave digest with an Inductively Coupled Plasma Mass Spectrometry and Inductively Coupled Plasma (ICP) Mass Spectrometry (MS) and Optical Emission Spectrometry (OES) finish.</li> </ul>                                                                                                                                                                                                   |

| Criteria                                                | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                          | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                         |                  |              |       |                   |               |       |                                |              |       |                                |              |       |                   |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|------------------|--------------|-------|-------------------|---------------|-------|--------------------------------|--------------|-------|--------------------------------|--------------|-------|-------------------|
| Verification of sampling and assaying                   | <p><i>have been established.</i></p> <ul style="list-style-type: none"> <li><i>The verification of significant intersections by either independent or alternative company personnel.</i></li> <li><i>The use of twinned holes.</i></li> <li><i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></li> <li><i>Discuss any adjustment to assay data.</i></li> </ul> | <ul style="list-style-type: none"> <li>Industry standard dummy samples of known composition were used for QA/QC verification checks.</li> <li>Analyses were originally reported in elemental form but have been converted to relevant oxide concentrations as per industry standards:</li> </ul> <p><u>Conversion factors used to convert from element to oxide:</u></p> <table border="1"> <thead> <tr> <th>Element</th><th>Oxide Conversion Factor</th><th>Equivalent Oxide</th></tr> </thead> <tbody> <tr> <td>Lithium (Li)</td><td>2.153</td><td>Li<sub>2</sub>O</td></tr> <tr> <td>Tantalum (Ta)</td><td>1.224</td><td>Ta<sub>2</sub>O<sub>5</sub></td></tr> <tr> <td>Niobium (Nb)</td><td>1.430</td><td>Nb<sub>2</sub>O<sub>5</sub></td></tr> <tr> <td>Caesium (Cs)</td><td>1.060</td><td>Cs<sub>2</sub>O</td></tr> </tbody> </table> <p>Reference: Breaks et. al 2003, p. 174</p> | Element | Oxide Conversion Factor | Equivalent Oxide | Lithium (Li) | 2.153 | Li <sub>2</sub> O | Tantalum (Ta) | 1.224 | Ta <sub>2</sub> O <sub>5</sub> | Niobium (Nb) | 1.430 | Nb <sub>2</sub> O <sub>5</sub> | Caesium (Cs) | 1.060 | Cs <sub>2</sub> O |
| Element                                                 | Oxide Conversion Factor                                                                                                                                                                                                                                                                                                                                                                                                                        | Equivalent Oxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |                         |                  |              |       |                   |               |       |                                |              |       |                                |              |       |                   |
| Lithium (Li)                                            | 2.153                                                                                                                                                                                                                                                                                                                                                                                                                                          | Li <sub>2</sub> O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                         |                  |              |       |                   |               |       |                                |              |       |                                |              |       |                   |
| Tantalum (Ta)                                           | 1.224                                                                                                                                                                                                                                                                                                                                                                                                                                          | Ta <sub>2</sub> O <sub>5</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                         |                  |              |       |                   |               |       |                                |              |       |                                |              |       |                   |
| Niobium (Nb)                                            | 1.430                                                                                                                                                                                                                                                                                                                                                                                                                                          | Nb <sub>2</sub> O <sub>5</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                         |                  |              |       |                   |               |       |                                |              |       |                                |              |       |                   |
| Caesium (Cs)                                            | 1.060                                                                                                                                                                                                                                                                                                                                                                                                                                          | Cs <sub>2</sub> O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                         |                  |              |       |                   |               |       |                                |              |       |                                |              |       |                   |
| Location of data points                                 | <ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>Specification of the grid system used.</i></li> <li><i>Quality and adequacy of topographic control.</i></li> </ul>                                                                                       | <ul style="list-style-type: none"> <li>Rock chip sample locations were surveyed using a handheld GPS using the UTM coordinate system, with an accuracy of +/- 5m</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |                         |                  |              |       |                   |               |       |                                |              |       |                                |              |       |                   |
| Data spacing and distribution                           | <ul style="list-style-type: none"> <li><i>Data spacing for reporting of Exploration Results.</i></li> <li><i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i></li> <li><i>Whether sample compositing has been applied.</i></li> </ul>                          | <ul style="list-style-type: none"> <li>No new drilling results are included in this report.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |                         |                  |              |       |                   |               |       |                                |              |       |                                |              |       |                   |
| Orientation of data in relation to geological structure | <ul style="list-style-type: none"> <li><i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></li> <li><i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i></li> </ul> | <ul style="list-style-type: none"> <li>Rock chip samples were selected to target specific geology, alteration and mineralisation. The samples were collected to assist the Company in developing its understanding of the geology and exploration potential of its tenure.</li> <li>No new drilling results are included in this report.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                         |                  |              |       |                   |               |       |                                |              |       |                                |              |       |                   |
| Sample security                                         | <ul style="list-style-type: none"> <li><i>The measures taken to ensure sample security.</i></li> </ul>                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>Samples were given individual samples numbers for tracking. The sample chain of custody was overseen by the Company's Exploration Manager. Samples were transported to Perth in a sealed bags bag and subsequently to the laboratory</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |                         |                  |              |       |                   |               |       |                                |              |       |                                |              |       |                   |
| Audits or reviews                                       | <ul style="list-style-type: none"> <li><i>The results of any audits or reviews of sampling techniques and data.</i></li> </ul>                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>The sampling techniques and analytical data are monitored by the Company's geologists.</li> <li>External audits of the data have not been completed.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |                         |                  |              |       |                   |               |       |                                |              |       |                                |              |       |                   |

## 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 | <ul style="list-style-type: none"> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul> | <ul style="list-style-type: none"> <li>The project area is located approximately 100km northeast of the Gascoyne Junction and 250km east of Carnarvon.</li> <li>The Ti Tree project comprises one granted Exploration Licence, E09/2503, and two Exploration Licence Applications: E09/2470 and E09/2522.</li> <li>All the tenements are in good standing with no known impediments.</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>Numerous exploration campaigns have been completed in the general area since the early 1970's focusing predominantly on uranium and diamonds. <ul style="list-style-type: none"> <li>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 &amp; tourmaline) &amp; 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 &amp; 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.</li> <li>Noranda Australia Ltd (1972-1974): focussed on the eastern side of Voltaic's ground, exploration followed up on an earlier airborne radiometry survey, and included reconnaissance ground radiometry over 1.5-line kilometres, detailed ground 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 clayey soil profile developed above weathered granite/gneiss. The silcrete 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 cps 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 carnotite mineralisation were in the Mt Phillips and Glenburgh 1:250,000 map sheet areas, albeit south of Voltaic's ground. Occurrences were normally found at the contact of the calcrete with the underlying basement and below the silcrete capping when present (WAMEX Report 124242).</li> <li>Two (2) granite-associated targets are described as located within E 09/2503, with primary uranium mineralisation of possible gummite, pitchblende and euxenite identified in beryl and tourmaline bearing pegmatite (WAMEX Report 124242). Secondary mineralisation was associated with ferruginous weathering and gossans developed in association with these pegmatites. Two iron oxide veins were further located on a pegmatite margin that returned maximum surface counts of</li> </ul> </li> </ul> |

| Criteria | JORC Code explanation | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |                       | <p>around 500 to 1,600 cps, with a sample returning 803 ppm uranium. The westernmost target averaged around 170 cps over leached and mineralised granite (WAMEX Report 124242).</p> <ul style="list-style-type: none"> <li>From 1976-78, more detailed work was completed including detailed ground magnetometry, trenching, geological mapping and 110-line kilometres of ground radiometry. Percussion drilling comprised 6 holes for a total of 518 metres to the east of E 09/2503, with a quartz limonite vein with readings of more than 500 cps from the ground radiometry, returned 95 cps in the top one metre of the hole (WAMEX Report 106018). Some of the drilling confirmed the presence of geochemically anomalous uranium in pegmatite, with results up to 330 cps and 120 ppm Uranium, and mineralisation was present in a quartz vein associated with a dolerite intrusive (WAMEX Report 7598).</li> <li>Whim Creek Consolidated NL (1980 - 1982): focus was on exploration for scheelite skarns over an area that covered part of the western portion of the current tenement area and toward the west. Work included geological mapping, stream sediment geochemistry with the collection of 68 samples and rock 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.</li> <li>Geographe Resources Exploration (1997 – 1998): work included acquisition of aero magnetometry data and the collection of 58 BLEG stream sediment samples (5kg &lt;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).</li> <li>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 &amp; 94734).</li> <li>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 leucocratic 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).</li> <li>A strong correlation was identified amongst the LCT Pegmatite pathfinder elements (Li-Cs-Ta + Be, Rb, Nb, Sn), successfully identifying several multi-point anomalies. Consulting geochemist Dr. N Brand concluded that these results supported the tenement's potential to host an LCT pegmatite. Despite that conclusion, the ground was surrendered in 2020 (WAMEX Report 124242).</li> </ul> |

| Criteria                            | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Geology                             | <ul style="list-style-type: none"> <li>• <i>Deposit type, geological setting and style of mineralisation.</i></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>• 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.</li> <li>• 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.</li> <li>• 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 Irregularly 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.</li> <li>• 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.</li> <li>• 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, geophysical, hyperspectral, and drilling.</li> <li>•</li> </ul> |
| Drill hole Information              | <ul style="list-style-type: none"> <li>• <i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i> <ul style="list-style-type: none"> <li>◦ easting and northing of the drill hole collar</li> <li>◦ elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>◦ dip and azimuth of the hole</li> <li>◦ down hole length and interception depth</li> <li>◦ hole length.</li> </ul> </li> <li>• <i>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.</i></li> </ul> | <ul style="list-style-type: none"> <li>• N/A.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Data aggregation methods            | <ul style="list-style-type: none"> <li>• <i>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.</i></li> <li>• <i>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.</i></li> <li>• <i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></li> </ul>                                                                                                                                                                              | <ul style="list-style-type: none"> <li>• No drilling results are included in this report</li> <li>• A cut-off grade of <math>\text{Li}_2\text{O} &lt; 45\text{ppm}</math> has been applied to rock chip assays.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Relationship between mineralisation | <ul style="list-style-type: none"> <li>• <i>These relationships are particularly important in the reporting of Exploration Results.</i></li> <li>• <i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>• The orientation of the mineralisation is interpreted and yet to be structurally validated.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

| Criteria                                  | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                   | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>widths and intercept lengths</i>       | <ul style="list-style-type: none"> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</li> </ul>                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <i>Diagrams</i>                           | <ul style="list-style-type: none"> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>                                                                                                                    | <ul style="list-style-type: none"> <li>Maps showing relevant data have been included in the report .</li> </ul>                                                                                                                                                                                                                                                                                                                                                                        |
| <i>Balanced reporting</i>                 | <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 rock chip samples have been reported above a cut-off grade of <math>\text{Li}_2\text{O} &lt; 45\text{ppm}</math></li> </ul>                                                                                                                                                                                                                                                                                                                 |
| <i>Other substantive exploration data</i> | <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>All of the relevant exploration data has been included in this report.</li> </ul>                                                                                                                                                                                                                                                                                                                                                               |
| <i>Further work</i>                       | <ul style="list-style-type: none"> <li>The nature and scale of planned further work (eg 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>On-going field reconnaissance exploration in the project area continues and is a high priority for the Company.</li> <li>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; soil sampling campaigns and eventual drilling of ranked drill targets.</li> </ul> |

## ANNEXURE 3 - REFERENCES

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## ANNEXURE 4 - SUPPLEMENTARY ELEMENTAL DATA FOR FERTILITY ANALYSIS

**Table 3: Phase 1 & 2 rockchip results - supplementary elemental data**

| SAMPLE   | EASTING | NORTHING | Mg (ppm) | Nb (ppm) | Rb (ppm) | K (ppm) | Cs (ppm) | Hf (ppm) | Zr (ppm) |
|----------|---------|----------|----------|----------|----------|---------|----------|----------|----------|
| TR200001 | 416318  | 7295190  | 524      | 11.4     | 232      | 38200   | 5.1      | 1        | 11       |
| TR200002 | 416573  | 7295278  | 2550     | 18       | 413      | 47900   | 16.9     | 2.7      | 68       |
| TR200003 | 416124  | 7295181  | 1260     | 11.3     | 469      | 58000   | 53       | 4.62     | 175      |
| TR200004 | 416104  | 7295099  | 2940     | 8.5      | 425      | 56500   | 14.2     | 3.67     | 137      |
| TR200005 | 416110  | 7295097  | 33100    | 18       | 215      | 22300   | 3.8      | 5.8      | 221      |
| TR200006 | 415975  | 7294668  | 1460     | 5.9      | 250      | 35900   | 25.5     | 2.25     | 64       |
| TR200007 | 415991  | 7294398  | 7590     | 7.2      | 146      | 33700   | 2.1      | 1.59     | 39       |
| TR200008 | 416880  | 7294215  | 3060     | 19.3     | 338      | 51700   | 9.1      | 2.66     | 66       |
| TR200009 | 415812  | 7294224  | 403      | 2.8      | 105      | 13500   | 1.7      | 0.97     | 31       |
| TR200010 | 415763  | 7294376  | 1540     | 27.6     | 325      | 40100   | 7.5      | 2.25     | 45       |
| TR200011 | 415129  | 7294810  | 1150     | 30.4     | 156      | 13000   | 5        | 1.94     | 32       |
| TR200012 | 414794  | 7294599  | 1410     | 29.5     | 298      | 44000   | 6.4      | 2.36     | 46       |
| TR200013 | 414800  | 7294582  | 6880     | 21.6     | 283      | 45700   | 14.7     | 2.33     | 58       |
| TR200014 | 414791  | 7294606  | 857      | 28       | 281      | 41900   | 6.2      | 1.94     | 39       |
| TR200015 | 414657  | 7294603  | 8850     | 16.8     | 176      | 29200   | 5.8      | 4.55     | 156      |
| TR200016 | 414752  | 7294627  | 7440     | 12.9     | 204      | 33400   | 4.8      | 4.22     | 116      |
| TR200017 | 414517  | 7294353  | 970      | 30.6     | 270      | 44200   | 5        | 1.76     | 33       |
| TR200018 | 414521  | 7294354  | 2110     | 9        | 19.1     | 4990    | 0.5      | 1.71     | 29       |
| TR200019 | 414288  | 7294292  | 519      | 2.8      | 260      | 68800   | 3.1      | 0.84     | 17       |
| TR200020 | 414277  | 7294258  | 594      | 15.5     | 236      | 61200   | 2.5      | 1.28     | 13       |
| TR200021 | 414300  | 7294273  | 448      | 13.5     | 171      | 40300   | 1.7      | 2.76     | 24       |
| TR200022 | 414285  | 7294245  | 807      | 13.1     | 168      | 35300   | 3.6      | 2.8      | 32       |
| TR200023 | 414204  | 7294188  | 785      | 15.1     | 196      | 39000   | 4.7      | 2.96     | 38       |
| TR200024 | 414543  | 7294371  | 1060     | 8.5      | 162      | 47200   | 2.7      | 1.48     | 35       |
| TR200025 | 412717  | 7294537  | 172      | 0.25     | 0.9      | 155     | 0.2      | 0.08     | 5        |
| TR200026 | 412363  | 7295041  | 4160     | 0.7      | 3.9      | 606     | 0.9      | 1.87     | 51       |
| TR200027 | 412380  | 7295057  | 11400    | 15.3     | 185      | 32000   | 6.3      | 4.64     | 150      |
| TR200028 | 413265  | 7295919  | 313      | 0.25     | 1.1      | 144     | 0.3      | 0.08     | 2        |
| TR200029 | 413571  | 7296708  | 4480     | 0.8      | 2.2      | 467     | 0.5      | 1.9      | 55       |
| TR200030 | 413556  | 7296717  | 6070     | 2.4      | 7.8      | 1550    | 0.4      | 4.91     | 163      |
| TR200111 | 435960  | 7276030  | 191      | 9        | 117      | 18600   | 2        | 0.3      | 5        |
| TR200112 | 436002  | 7276014  | 309      | 5.5      | 68.6     | 11800   | 2.3      | 0.07     | 1        |
| TR200113 | 436129  | 7276060  | 34100    | 15.1     | 405      | 26500   | 53.3     | 2.94     | 74       |
| TR200114 | 436131  | 7276058  | 11100    | 0.25     | 1.9      | 290     | 0.2      | 2.8      | 74       |
| TR200115 | 436285  | 7276081  | 1470     | 58.6     | 328      | 30800   | 9.7      | 0.5      | 5        |
| TR200116 | 436312  | 7276127  | 306      | 8.4      | 228      | 44300   | 2.5      | 0.39     | 6        |
| TR200117 | 436277  | 7276383  | 1440     | 91.3     | 461      | 36200   | 18.5     | 1.81     | 28       |
| TR200118 | 436211  | 7276393  | 477      | 10.2     | 240      | 35300   | 11       | 0.71     | 13       |
| TR200119 | 436100  | 7276183  | 924      | 52.2     | 406      | 46800   | 7.9      | 0.33     | 5        |
| TR200120 | 436010  | 7276199  | 731      | 18.3     | 158      | 18200   | 2.9      | 0.28     | 5        |
| TR200121 | 435925  | 7276207  | 208      | 4.8      | 376      | 61000   | 8.2      | 0.15     | 4        |
| TR200122 | 435980  | 7276454  | 464      | 16       | 103      | 13100   | 2.8      | 0.37     | 9        |
| TR200123 | 435292  | 7277582  | 866      | 40.4     | 345      | 25600   | 8.2      | 0.51     | 10       |
| TR200124 | 435211  | 7277542  | 978      | 123      | 793      | 59900   | 37.1     | 1.99     | 24       |
| TR200125 | 435126  | 7277501  | 1150     | 49.4     | 280      | 24200   | 5.5      | 0.15     | 2        |
| TR200126 | 434938  | 7277504  | 361      | 9.7      | 219      | 36000   | 4.5      | 0.45     | 10       |
| TR200127 | 434523  | 7277420  | 545      | 23.1     | 97.4     | 12600   | 1.9      | 0.33     | 5        |
| TR200128 | 434588  | 7277566  | 461      | 41.2     | 334      | 39000   | 9.1      | 1.05     | 15       |
| TR200129 | 435940  | 7277068  | 1060     | 35.3     | 234      | 21500   | 7.4      | 0.23     | 4        |
| TR200130 | 436040  | 7277262  | 1530     | 354      | 2350     | 64700   | 302      | 4.37     | 29       |
| TR200131 | 435441  | 7278147  | 675      | 23.1     | 202      | 21100   | 4.2      | 0.11     | 2        |
| TR200132 | 434538  | 7280929  | 866      | 36.9     | 257      | 57500   | 9.8      | 1.38     | 20       |
| TR200133 | 435416  | 7278251  | 1010     | 65.3     | 374      | 31700   | 8.1      | 0.45     | 8        |
| TR200134 | 435365  | 7278227  | 764      | 9.3      | 115      | 16500   | 1.9      | 1.23     | 28       |
| TR200135 | 435046  | 7278065  | 200      | 7.5      | 479      | 72500   | 8.4      | 0.4      | 8        |
| TR200136 | 434876  | 7277861  | 999      | 25.9     | 168      | 21500   | 4.5      | 0.1      | 2        |
| TR200137 | 434848  | 7277872  | 887      | 59.8     | 414      | 39700   | 10.8     | 0.53     | 8        |

|          |        |         |       |      |      |       |      |      |     |
|----------|--------|---------|-------|------|------|-------|------|------|-----|
| TR200138 | 434846 | 7277819 | 1030  | 57.1 | 324  | 31700 | 10.7 | 0.71 | 11  |
| TR200139 | 434811 | 7277815 | 1030  | 17.1 | 306  | 53400 | 6.1  | 0.12 | 2   |
| TR200140 | 434696 | 7277872 | 160   | 0.25 | 160  | 31500 | 3.2  | 0.61 | 15  |
| TR200141 | 434647 | 7277749 | 835   | 59   | 419  | 40800 | 12.3 | 0.53 | 7   |
| TR200142 | 434608 | 7277750 | 47    | 0.7  | 501  | 72500 | 7.6  | 0.14 | 3   |
| TR200143 | 434532 | 7277725 | 925   | 29.4 | 239  | 36500 | 3.7  | 0.14 | 2   |
| TR200144 | 435157 | 7277794 | 401   | 10.6 | 262  | 48200 | 10.6 | 0.09 | 2   |
| TR200145 | 436266 | 7277427 | 1220  | 0.25 | 316  | 32900 | 9.3  | 2.5  | 33  |
| TR200146 | 437188 | 7277795 | 539   | 1    | 37.6 | 5780  | 0.2  | 0.42 | 12  |
| TR200147 | 436747 | 7279024 | 124   | 93.3 | 791  | 26800 | 27.1 | 1.01 | 9   |
| TR200148 | 436818 | 7278929 | 759   | 28.1 | 616  | 34700 | 26.6 | 2.89 | 31  |
| TR200149 | 436962 | 7279447 | 514   | 0.6  | 12.5 | 2890  | 0.6  | 0.35 | 9   |
| TR200150 | 436836 | 7278589 | 42100 | 2.8  | 7.3  | 5050  | 0.3  | 0.81 | 12  |
| TR200151 | 436826 | 7278595 | 723   | 1.7  | 219  | 53500 | 3.7  | 1.41 | 34  |
| TR200152 | 436439 | 7275637 | 359   | 4.1  | 95.3 | 15700 | 1.7  | 1.45 | 26  |
| TR200153 | 436345 | 7275653 | 268   | 0.7  | 128  | 26200 | 1.7  | 0.17 | 3   |
| TR200154 | 436161 | 7275659 | 312   | 13.2 | 253  | 36500 | 5.6  | 0.65 | 12  |
| TR200155 | 436081 | 7275592 | 328   | 11.1 | 234  | 35600 | 4.1  | 0.65 | 13  |
| TR200156 | 436020 | 7275608 | 276   | 12.7 | 197  | 36300 | 2.5  | 0.28 | 5   |
| TR200157 | 435933 | 7275659 | 232   | 1.6  | 237  | 43000 | 7.9  | 1.1  | 18  |
| TR200158 | 436481 | 7276815 | 1410  | 48.8 | 697  | 49500 | 36.5 | 0.17 | 2   |
| TR200159 | 437553 | 7276224 | 469   | 43.3 | 570  | 52400 | 9.7  | 1.99 | 27  |
| TR200160 | 437748 | 7276060 | 261   | 21.2 | 175  | 11700 | 6.9  | 1.54 | 24  |
| TR200161 | 438122 | 7276093 | 507   | 34   | 341  | 23900 | 7.3  | 0.18 | 2   |
| TR200162 | 438019 | 7276427 | 4040  | 213  | 1580 | 74700 | 64.4 | 2    | 12  |
| TR200163 | 438043 | 7276481 | 5820  | 149  | 1510 | 66200 | 80.4 | 2.54 | 20  |
| TR200164 | 437998 | 7276374 | 6840  | 32.4 | 245  | 14700 | 11.6 | 2.57 | 69  |
| TR200165 | 437895 | 7276318 | 906   | 25.4 | 446  | 30200 | 15.2 | 0.76 | 10  |
| TR200166 | 437469 | 7275879 | 506   | 38.5 | 478  | 64000 | 14.6 | 0.25 | 4   |
| TR200167 | 437579 | 7275781 | 650   | 30   | 249  | 19800 | 19.7 | 0.43 | 5   |
| TR200168 | 437428 | 7276066 | 703   | 44.5 | 439  | 38200 | 18.2 | 1    | 15  |
| TR200169 | 437927 | 7276587 | 150   | 43.7 | 569  | 50300 | 18.4 | 1.07 | 13  |
| TR200170 | 438060 | 7276695 | 477   | 28.4 | 283  | 31600 | 8    | 0.62 | 6   |
| TR200171 | 437482 | 7276043 | 470   | 18.6 | 581  | 62500 | 20   | 1.16 | 12  |
| TR200172 | 437423 | 7275673 | 668   | 53.1 | 726  | 67000 | 16.8 | 0.9  | 16  |
| TR200173 | 437627 | 7275621 | 834   | 27.6 | 426  | 54800 | 7.4  | 0.39 | 7   |
| TR200174 | 437592 | 7275596 | 1200  | 45.4 | 365  | 31000 | 10.2 | 0.98 | 17  |
| TR200175 | 437480 | 7275568 | 293   | 22.3 | 393  | 49600 | 7.3  | 0.64 | 10  |
| TR200176 | 437432 | 7275579 | 698   | 21.3 | 312  | 38100 | 6.5  | 0.51 | 8   |
| TR200177 | 437371 | 7275550 | 600   | 23.5 | 310  | 42000 | 6.8  | 2.06 | 34  |
| TR200178 | 437042 | 7275623 | 2780  | 22.9 | 212  | 18200 | 6.7  | 8.24 | 192 |
| TR200179 | 436399 | 7277152 | 2510  | 23.8 | 327  | 41900 | 11.6 | 0.48 | 9   |
| TR200180 | 436407 | 7276799 | 410   | 46.2 | 709  | 57100 | 19.7 | 2.43 | 31  |
| TR200181 | 436363 | 7276784 | 730   | 68.7 | 864  | 57700 | 40.7 | 0.41 | 6   |
| TR200182 | 436344 | 7276793 | 839   | 29.6 | 524  | 31100 | 49.3 | 0.4  | 4   |
| TR200183 | 436313 | 7276813 | 693   | 25.4 | 199  | 11300 | 10.2 | 0.27 | 3   |
| TR200184 | 436100 | 7276776 | 555   | 17   | 290  | 31000 | 5.5  | 0.24 | 4   |
| TR200185 | 436075 | 7276808 | 272   | 13.5 | 530  | 52900 | 15.6 | 0.59 | 8   |
| TR200186 | 436015 | 7276816 | 163   | 45.6 | 141  | 6530  | 19.8 | 0.67 | 7   |
| TR200187 | 435895 | 7277059 | 413   | 13.5 | 462  | 66900 | 6.3  | 0.38 | 5   |
| TR200188 | 436013 | 7277096 | 634   | 32.6 | 371  | 45100 | 11.6 | 0.31 | 5   |
| TR200189 | 436242 | 7277181 | 653   | 44.5 | 292  | 22200 | 8.7  | 0.43 | 6   |
| TR200190 | 436212 | 7277210 | 514   | 31.6 | 313  | 35600 | 4.3  | 0.19 | 3   |
| TR200031 | 413755 | 7296014 | 397   | 1    | 3.8  | 617   | 0.2  | 0.17 | 4   |
| TR200032 | 413735 | 7296050 | 442   | 0.25 | 2.5  | 338   | 0.1  | 0.07 | 2   |
| TR200033 | 414211 | 7294110 | 1400  | 8    | 569  | 66400 | 5.9  | 1.44 | 38  |
| TR200034 | 414059 | 7294024 | 654   | 6.9  | 225  | 59500 | 2.8  | 1.48 | 29  |
| TR200035 | 413922 | 7293899 | 2470  | 14.2 | 542  | 63900 | 8.6  | 1.45 | 41  |
| TR200036 | 413926 | 7293857 | 605   | 3    | 117  | 37200 | 1.3  | 1.75 | 21  |
| TR200037 | 413890 | 7293829 | 463   | 17.8 | 199  | 41700 | 5.2  | 2.17 | 26  |
| TR200038 | 414545 | 7296664 | 5000  | 4    | 16.7 | 3390  | 0.6  | 4.17 | 135 |
| TR200039 | 414571 | 7296634 | 2200  | 4.6  | 244  | 39300 | 9.7  | 4.32 | 136 |

|          |        |         |        |      |      |       |      |      |     |
|----------|--------|---------|--------|------|------|-------|------|------|-----|
| TR200040 | 414589 | 7296616 | 773    | 0.25 | 0.8  | 139   | 0.05 | 0.11 | 3   |
| TR200041 | 414712 | 7297156 | 626    | 1.6  | 10.5 | 2050  | 0.9  | 0.81 | 27  |
| TR200042 | 414912 | 7297044 | 1380   | 2.4  | 20.5 | 4390  | 1.3  | 1.7  | 53  |
| TR200043 | 415175 | 7297257 | 2050   | 4.4  | 71.6 | 15500 | 1.3  | 1.68 | 55  |
| TR200044 | 415126 | 7297231 | 202    | 3.9  | 0.6  | 731   | 0.2  | 0.27 | 9   |
| TR200045 | 415409 | 7297835 | 854    | 10.3 | 16.4 | 3720  | 3.3  | 2.91 | 96  |
| TR200046 | 415528 | 7297741 | 1500   | 6.2  | 15   | 3690  | 1.6  | 2.58 | 95  |
| TR200047 | 415170 | 7298041 | 1410   | 3.7  | 37.6 | 7950  | 1.3  | 1.77 | 63  |
| TR200048 | 415528 | 7297071 | 1250   | 2.5  | 0.6  | 130   | 0.3  | 0.41 | 9   |
| TR200049 | 414907 | 7294668 | 1120   | 21.8 | 270  | 38500 | 9.2  | 2.54 | 66  |
| TR200050 | 414876 | 7294576 | 903    | 22   | 201  | 39100 | 4.4  | 1.54 | 30  |
| TR200051 | 415005 | 7294571 | 41500  | 1.1  | 9    | 1170  | 0.5  | 0.25 | 7   |
| TR200052 | 415596 | 7294916 | 1780   | 22.5 | 227  | 32800 | 18.3 | 2.73 | 104 |
| TR200053 | 415589 | 7294923 | 8240   | 16.3 | 504  | 52000 | 49   | 4.19 | 121 |
| TR200054 | 415929 | 7295103 | 3610   | 18.8 | 297  | 44400 | 7.9  | 2.55 | 60  |
| TR200055 | 413786 | 7297714 | 1640   | 1.8  | 25.9 | 5950  | 1.5  | 1.25 | 40  |
| TR200056 | 413221 | 7297783 | 130    | 0.25 | 7.9  | 1290  | 0.5  | 0.13 | 5   |
| TR200057 | 413366 | 7298095 | 557    | 0.25 | 2.7  | 344   | 0.5  | 0.33 | 11  |
| TR200058 | 413032 | 7298305 | 442    | 0.6  | 2.4  | 443   | 0.5  | 0.24 | 8   |
| TR200059 | 412570 | 7298474 | 1140   | 1.1  | 1.3  | 250   | 0.3  | 1.06 | 38  |
| TR200060 | 412236 | 7298684 | 596    | 0.8  | 9.2  | 3370  | 0.5  | 0.45 | 16  |
| TR200061 | 412126 | 7298740 | 1650   | 2.2  | 18.4 | 4390  | 1.8  | 1.62 | 66  |
| TR200062 | 412147 | 7298787 | 128    | 4.2  | 0.7  | 209   | 0.05 | 2.1  | 59  |
| TR200063 | 413851 | 7298729 | 662    | 1    | 5    | 1500  | 0.5  | 0.63 | 24  |
| TR200064 | 414686 | 7298726 | 192    | 0.25 | 0.7  | 327   | 0.1  | 0.05 | 1   |
| TR200065 | 414683 | 7298719 | 560    | 2.7  | 1.2  | 131   | 0.3  | 0.41 | 13  |
| TR200066 | 414806 | 7298739 | 200    | 0.25 | 0.5  | 146   | 0.1  | 0.06 | 0.5 |
| TR200067 | 414791 | 7298760 | 1300   | 2.6  | 5    | 2550  | 0.3  | 0.48 | 12  |
| TR200068 | 411850 | 7299197 | 1040   | 6.7  | 0.9  | 149   | 0.3  | 1.08 | 31  |
| TR200069 | 411038 | 7299520 | 106000 | 0.25 | 5.9  | 1340  | 0.3  | 0.09 | 2   |
| TR200070 | 411035 | 7299515 | 2770   | 17.2 | 23.2 | 2510  | 3.7  | 2.96 | 97  |
| TR200071 | 410298 | 7300094 | 1570   | 0.25 | 1.3  | 230   | 0.3  | 0.34 | 11  |
| TR200072 | 410096 | 7300301 | 231    | 1.8  | 1.5  | 310   | 0.3  | 0.45 | 17  |
| TR200073 | 410059 | 7300157 | 738    | 3.4  | 24.4 | 2810  | 5    | 1.37 | 56  |
| TR200074 | 410478 | 7299990 | 4580   | 1.7  | 2.8  | 530   | 0.6  | 1.12 | 37  |
| TR200075 | 410737 | 7299818 | 1070   | 0.25 | 3.6  | 787   | 0.4  | 0.38 | 15  |
| TR200076 | 410743 | 7299790 | 845    | 0.8  | 13.2 | 2970  | 0.7  | 1.04 | 43  |
| TR200077 | 410501 | 7299448 | 317    | 0.7  | 3.5  | 616   | 0.3  | 0.12 | 2   |
| TR200078 | 410627 | 7299476 | 48     | 0.25 | 0.8  | 115   | 0.3  | 0.03 | 0.5 |
| TR200079 | 410622 | 7299425 | 72     | 0.25 | 0.8  | 118   | 0.2  | 0.04 | 1   |
| TR200080 | 410829 | 7299373 | 586    | 1.2  | 16.6 | 2670  | 1.2  | 0.4  | 13  |
| TR200081 | 410949 | 7299461 | 804    | 1.5  | 45.1 | 7000  | 2.2  | 1.03 | 35  |
| TR200082 | 411258 | 7299307 | 1310   | 3    | 24.8 | 4100  | 3.1  | 1.72 | 58  |
| TR200083 | 411636 | 7299102 | 860    | 0.8  | 7    | 1890  | 0.5  | 0.58 | 19  |
| TR200084 | 414533 | 7298583 | 388    | 0.25 | 0.7  | 179   | 0.1  | 0.07 | 2   |
| TR200085 | 411269 | 7305904 | 960    | 16.5 | 46.5 | 31200 | 0.2  | 2.64 | 51  |
| TR200086 | 411276 | 7305928 | 25000  | 42.9 | 50.1 | 12000 | 1.3  | 11.1 | 404 |
| TR200087 | 397963 | 7309824 | 464    | 2.1  | 3    | 1200  | 0.4  | 0.58 | 22  |
| TR200088 | 397996 | 7309800 | 1040   | 0.9  | 1.6  | 273   | 0.3  | 0.39 | 14  |
| TR200089 | 398010 | 7309778 | 1060   | 0.25 | 1.6  | 286   | 0.2  | 0.23 | 9   |
| TR200090 | 398091 | 7309587 | 180    | 1.2  | 1.3  | 258   | 0.2  | 0.49 | 17  |
| TR200091 | 398126 | 7309535 | 710    | 3.2  | 0.5  | 98    | 0.3  | 0.55 | 23  |
| TR200092 | 398214 | 7309465 | 759    | 4.1  | 3.6  | 594   | 0.4  | 1.33 | 49  |
| TR200093 | 398282 | 7309426 | 427    | 4.5  | 2.5  | 1210  | 0.2  | 1.05 | 34  |
| TR200094 | 401264 | 7308563 | 1190   | 0.9  | 22.1 | 4440  | 1    | 1.1  | 74  |
| TR200095 | 401080 | 7308646 | 872    | 0.5  | 15   | 3310  | 0.8  | 0.96 | 40  |
| TR200096 | 401340 | 7308445 | 86300  | 0.25 | 7.9  | 2360  | 0.2  | 0.82 | 43  |
| TR200097 | 401439 | 7308431 | 1870   | 1.4  | 7.5  | 1190  | 0.7  | 1.61 | 161 |
| TR200098 | 401450 | 7308448 | 87300  | 0.25 | 5.1  | 1100  | 0.1  | 0.21 | 10  |
| TR200099 | 400550 | 7306609 | 1500   | 18.8 | 132  | 11700 | 4.4  | 1.99 | 54  |
| TR200100 | 400612 | 7306801 | 155    | 0.6  | 3.8  | 682   | 0.2  | 0.06 | 2   |
| TR200101 | 401224 | 7307187 | 503    | 5.6  | 7    | 1940  | 0.3  | 1.46 | 47  |

|          |        |         |       |      |      |       |      |      |     |
|----------|--------|---------|-------|------|------|-------|------|------|-----|
| TR200102 | 401452 | 7307175 | 30000 | 2.7  | 10.3 | 1880  | 0.4  | 1.05 | 33  |
| TR200103 | 401419 | 7308011 | 2080  | 3.2  | 28   | 4760  | 1.3  | 1.67 | 53  |
| TR200104 | 401394 | 7308002 | 1020  | 4    | 0.7  | 139   | 0.2  | 0.89 | 36  |
| TR200105 | 401309 | 7308083 | 1480  | 6.5  | 3.2  | 565   | 0.6  | 1.34 | 46  |
| TR200106 | 400936 | 7308259 | 124   | 1    | 0.3  | 67    | 0.2  | 0.2  | 6   |
| TR200107 | 398891 | 7308594 | 560   | 2.7  | 1.7  | 217   | 0.6  | 0.48 | 20  |
| TR200108 | 398733 | 7308593 | 214   | 4.5  | 0.3  | 54    | 0.3  | 0.83 | 27  |
| TR200109 | 398504 | 7308653 | 1450  | 2.3  | 30   | 6010  | 1.7  | 1.35 | 48  |
| TR200110 | 398607 | 7308712 | 141   | 0.25 | 0.4  | 69    | 0.1  | 0.07 | 1   |
| TTSRK001 | 439018 | 7282860 | 769   | 0.25 | 2.5  | 300   | 0.3  | 0.15 | 6   |
| TTSRK002 | 436747 | 7279018 | 124   | 93.2 | 1040 | 54400 | 27   | 2.26 | 15  |
| TTSRK003 | 437875 | 7279136 | 1140  | 12.7 | 100  | 18900 | 6.2  | 0.78 | 17  |
| TTSRK004 | 438192 | 7278662 | 10300 | 15.1 | 219  | 29000 | 14.1 | 4    | 131 |
| TTSRK005 | 438194 | 7278661 | 789   | 5.9  | 20.9 | 3390  | 4    | 0.28 | 5   |
| TTSRK006 | 438193 | 7278630 | 883   | 33.7 | 120  | 17100 | 6.4  | 0.35 | 5   |
| TTSRK007 | 438472 | 7278518 | 891   | 63.6 | 299  | 17000 | 11.5 | 0.81 | 14  |
| TTSRK008 | 438384 | 7278841 | 903   | 62.5 | 699  | 23200 | 54.1 | 0.52 | 5   |
| TTSRK009 | 438333 | 7278867 | 6580  | 11.6 | 3.8  | 494   | 0.4  | 5.91 | 185 |
| TTSRK010 | 438283 | 7278931 | 993   | 71.5 | 151  | 16200 | 5.1  | 1.2  | 17  |
| TTSRK011 | 438266 | 7278937 | 585   | 41.3 | 142  | 11800 | 7.2  | 0.32 | 5   |
| TTSRK012 | 436841 | 7279564 | 313   | 1.3  | 246  | 55500 | 2.5  | 0.55 | 13  |
| TTSRK013 | 436828 | 7279569 | 359   | 1.3  | 186  | 56100 | 1.6  | 0.59 | 13  |
| TTSRK014 | 436819 | 7279608 | 340   | 2.4  | 160  | 57300 | 1.4  | 1.34 | 29  |
| TTSRK015 | 436825 | 7279630 | 435   | 2.7  | 49.3 | 16400 | 0.6  | 1.24 | 30  |
| TTSRK016 | 436788 | 7279660 | 743   | 5.7  | 232  | 65400 | 2.7  | 1.71 | 39  |
| TTSRK017 | 436787 | 7279692 | 1020  | 2    | 204  | 53400 | 3.1  | 0.87 | 17  |
| TTSRK018 | 436786 | 7279698 | 1560  | 1.8  | 129  | 33900 | 2.2  | 1.77 | 54  |
| TTSRK019 | 436842 | 7279710 | 2250  | 14.1 | 148  | 8960  | 17.5 | 4.9  | 115 |
| TTSRK020 | 436854 | 7279760 | 2110  | 13.3 | 67.2 | 6250  | 3.6  | 4.55 | 106 |
| TTSRK021 | 436876 | 7279777 | 1480  | 2.2  | 108  | 19800 | 2.3  | 1.3  | 27  |
| TTSRK022 | 436905 | 7280398 | 484   | 3.9  | 241  | 50200 | 1.6  | 0.88 | 13  |
| TTSRK023 | 436888 | 7280385 | 405   | 3.7  | 284  | 74700 | 1.9  | 0.48 | 7   |
| TTSRK024 | 436867 | 7280370 | 714   | 7.2  | 283  | 59600 | 1.8  | 1.18 | 29  |
| TTSRK025 | 436846 | 7280364 | 716   | 3.9  | 214  | 48200 | 1.3  | 1.08 | 23  |
| TTSRK026 | 436881 | 7280385 | 984   | 4.1  | 228  | 52800 | 1.4  | 1.73 | 35  |
| TTSRK027 | 436871 | 7280391 | 566   | 6.9  | 198  | 46100 | 1.2  | 1.79 | 35  |
| TTSRK028 | 436916 | 7280427 | 683   | 3.8  | 218  | 48100 | 1.5  | 0.63 | 13  |
| TTSRK029 | 436726 | 7280722 | 1010  | 7    | 208  | 51000 | 1.9  | 2.25 | 55  |
| TTSRK030 | 436696 | 7280825 | 678   | 4.5  | 251  | 45000 | 3    | 2.39 | 55  |
| TTSRK031 | 436678 | 7280837 | 1380  | 15.5 | 310  | 50300 | 4.4  | 4.18 | 107 |
| TTSRK032 | 436679 | 7280832 | 492   | 2.9  | 305  | 59200 | 2    | 1.6  | 37  |
| TTSRK033 | 436533 | 7280827 | 568   | 6.2  | 292  | 52600 | 3    | 1.53 | 38  |
| TTSRK034 | 436478 | 7280818 | 541   | 5.8  | 252  | 39300 | 3    | 0.93 | 22  |
| TTSRK035 | 436408 | 7280842 | 1120  | 2.7  | 206  | 46200 | 2.7  | 2.06 | 50  |
| TTSRK036 | 436369 | 7280893 | 365   | 0.8  | 280  | 53800 | 5    | 0.06 | 0.5 |
| TTSRK037 | 436312 | 7280916 | 509   | 1.3  | 220  | 61000 | 2    | 1.46 | 23  |
| TTSRK038 | 436375 | 7280903 | 318   | 1.7  | 285  | 78900 | 4.8  | 0.13 | 3   |

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