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## TI TREE LITHIUM PROJECT EXPLORATION UPDATE

### TARGET GENERATION ACCELERATING

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- **Target generation is accelerating at the Ti Tree lithium project:**
  - ‘Boots-on-the-ground’ - Voltaic field crew currently at Ti Tree assessing logistics for upcoming exploration programs, planned for February/March 2023.
  - Commitment to regional **broad-coverage soil sampling campaign** and high resolution unmanned aerial vehicle (UAV) drone survey covering the entire **22km Volta corridor**.
  - Detailed geophysical and structural interpretation analysis commenced in collaboration with **Southern Geoscience Consultants (SGC)**, to complement the Company’s pipeline of targets.
- **Highly encouraging [drilling results from neighbour Red Dirt Metals Ltd \(ASX:RDT\)](#)**
  - Yinnietharra M1 pegmatite shows significant down-dip continuity with excellent Li<sub>2</sub>O grades from surface.
  - Regional targets identified by RDT along regional pegmatite / schist(s) units, confirms our structural modelling and interpretation that the entire **Volta corridor** is highly prospective for lithium.

Voltaic Strategic Resources Limited (‘Voltaic’ or ‘the Company’) (ASX:VSR) is pleased to provide an update on its Ti Tree lithium project, located in the Gascoyne region of Western Australia. Following the [identification of a high density of pegmatite occurrences at priority ASTER target](#), “**Morpheus**” (see [Figure 1](#)), the Company is pleased to advise that the next phase of target generation is underway with “**boots on the ground**” actively following up targets in the field and assessing logistics for a **regional soil sampling campaign across the entire Volta corridor**, and industry-leading consultants SGC engaged to enhance Voltaic’s geophysical datasets.

SGC will compile all open-source geophysical and geological data into a series of GIS packages which will broaden the Company’s pipeline of targets for follow-up exploration. SGC will also identify what additional ASTER, magnetic and radiometric data is required to expedite target generation. Alongside this, a high-resolution UAV drone survey will be undertaken by ATLAS Geophysics to assist with detailed mapping and direct pegmatite outcrop identification. This is the most effective next step forward as the **frequency of pegmatite occurrences within Voltaic’s tenure is extensive** (see [ASX:VSR release 12/12/2022](#)), and is predicted to extend across the entire prospective **22km Volta corridor**.

Voltaic’s CEO, Michael Walshe, commented:

*“Voltaic have embarked on the next phase of target generation at our Ti Tree project utilising highly regarded consultants SGC. This collaboration will expand our pipeline of targets and accelerate vectoring and ranking across the extensive **22 km Volta corridor**. In order to gather critical data before the onset of the rain season, we will undertake both a targeted heli-supported ‘phase 3’ exploration program, and a broad-spaced soil sampling campaign across **Volta** in the coming weeks. We have expedited these activities based on highly encouraging results from the neighbouring **Yinnietharra lithium discovery**, where the M1 pegmatite prospect shows significant down-dip continuity with excellent Li<sub>2</sub>O grades from surface (see [ASX:RDT release: 20/01/2023](#)).”*

*The RDT drill results, coupled with regional targets on the pegmatite / schist(s) units, **strengthens Voltaic’s structural modelling and interpretation that the entire 22 km Volta corridor is comprised of pegmatite / schist(s) lithologies, both to the SE (Ti Tree South) and NW (Ti Tree North). Thus, we believe Volta is highly prospective for lithium and has the scale potential to host multiple resources and become a globally significant region. We are laser-focused on making a discovery and our exploration team are currently back at site assessing logistics for the upcoming programs. Additionally, we have received assay results for our phase-1 and 2 surface geochemical sampling campaigns and are currently compiling the data for imminent release. Favourable assays will demonstrate that the in-situ granitic intrusions within Ti Tree are fertile for lithium mineralisation.***



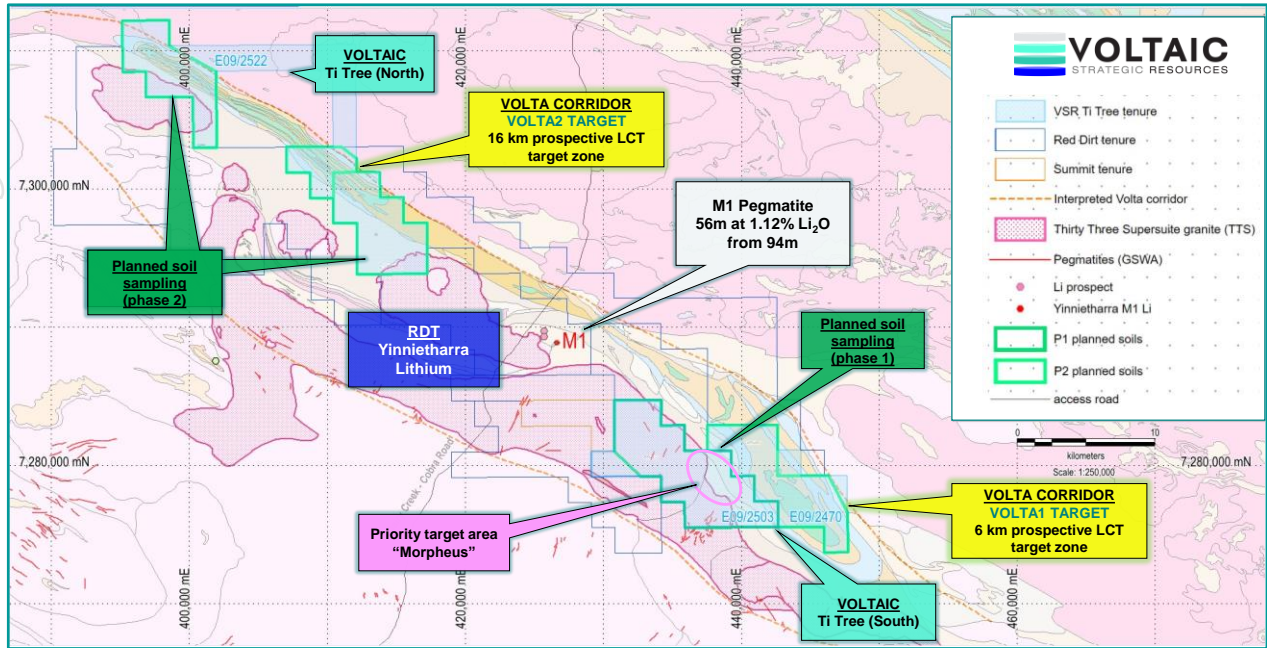


Figure 1: 22 km prospective lithium-caesium-tantalum (LCT) corridor identified within Ti Tree project area with planned soil sampling campaign target area shown

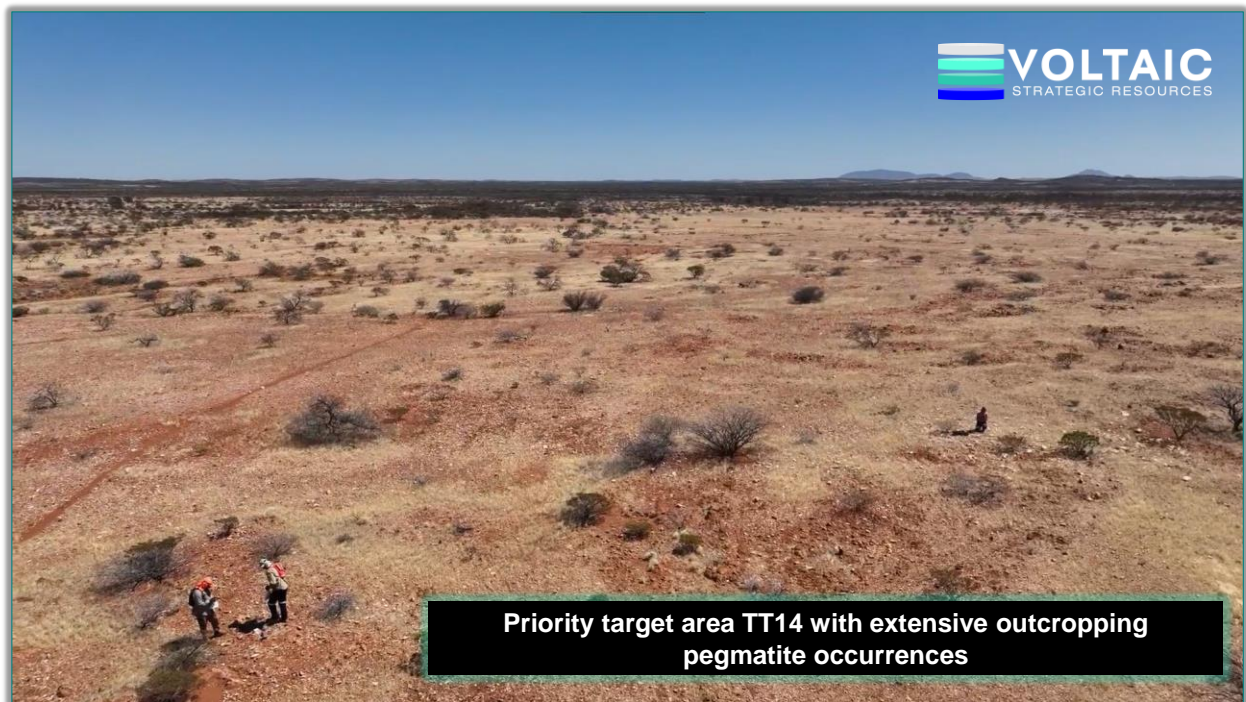


Figure 2: Priority target TT14 with extensive pegmatite outcrop occurrences



## Regional Update

Voltaic's neighbour **Red Dirt Metals Limited** (ASX:RDT) are actively drilling 90,000m into their **Yinnietharra lithium discovery 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. Voltaic's **Ti Tree project** resides within an interpreted prospective corridor of LCT-bearing pegmatites (the '**Volta corridor**'), which contains the Yinnietharra lithium discovery, and is underlain by the **Thirty-Three Supersuite (TTS)** – a belt of granitic plutons (intrusions) (see **Figure 1** above).

[It has been demonstrated that the TTS is fertile for LCT mineralisation](#) and the latest RDT drilling results confirm this. Voltaic's tenure overlays a significant portion of the TTS, and its respective portions of the granitic intrusions are potentially fertile for lithium mineralisation. **LCT pegmatites in the region have been observed to lie within ~0–5 km of source fertile granite intrusions** and appear controlled by both faults within the host metasediments and fractionation. The five main plutons within **Volta** have been labelled **F1-F5** for the following discussion (see **Figure 3**):

### What is the source of lithium fertility for the Yinnietharra M1 pegmatite?

- It appears from RDT's drilling and proximity of the **M1 pegmatite** to various TTS granitic sub-plutons, that although the core of M1 is closer (600m) from central sub-pluton **F5**, it is the southern sub-pluton **F6** (1,800m distance) that has greater fertility potential due to the traditional 'Goldilocks model' of LCT prospectivity.
  - **Thus, F6 is likely the source of lithium fertility for the Yinnietharra M1 pegmatite.**
  - **If true, this significantly enhances the prospectivity of Voltaic's Ti Tree South tenements (E09/2503, E09/2470) as both of these are within the area of maximum prospectivity or "Goldilocks sweet spot", respective to F6**
- The surrounding aureoles of **F1-F4** within Voltaic's Ti Tree North tenement (E09/2522) are ~21km in strike length.
  - **If F1-F4 are fertile, this significantly enhances the prospectivity of Voltaic's Ti Tree North tenement (E09/2522) as this tenement is within the area of maximum prospectivity or "sweet spot", respective to F1, F2, F3 & F4**
- Interpretative work suggests that the mapped plutons could in fact comprise several sub-plutonic units, which would further expand the length of the Volta corridor. This will be followed up with detailed geophysical analysis.

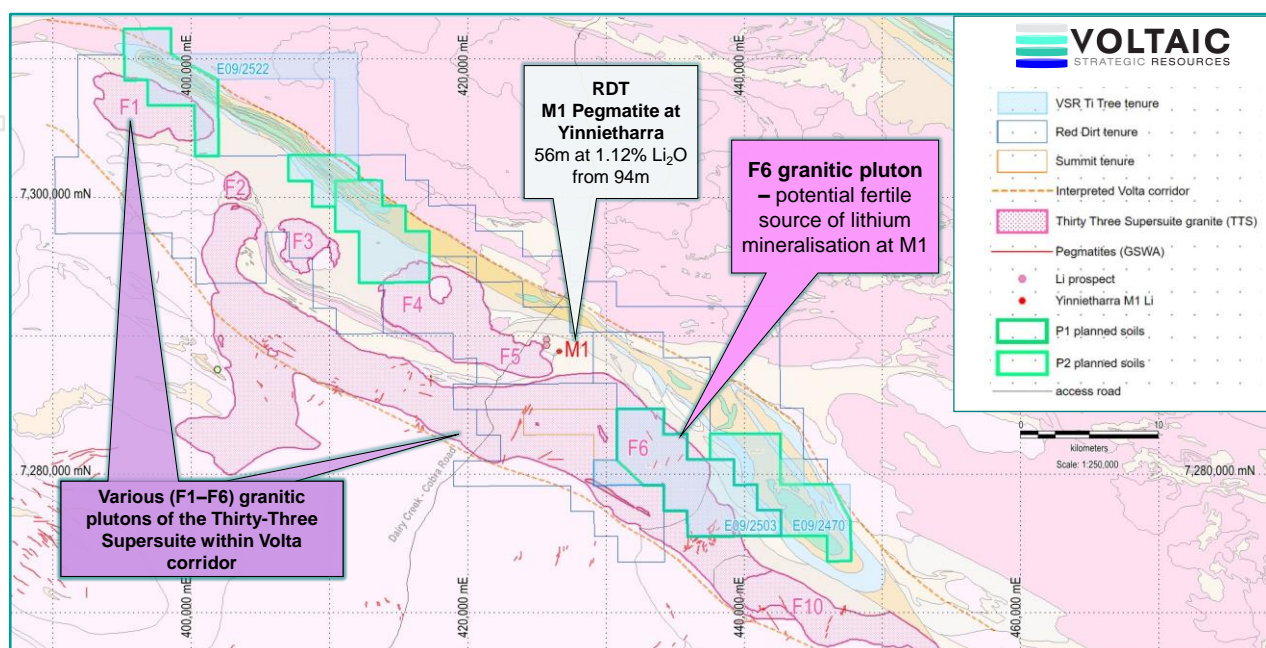


Figure 3: Regional geology along the Volta corridor with interpreted granitic plutons F1-F6

## Upcoming Exploration

- The Company's exploration team is currently in the field at Ti Tree assessing logistics for the upcoming heli-supported 'phase 3' exploration program, planned for February/March 2023. Utilising a helicopter to support exploration activities is a highly efficient and economical approach for the remote Gascoyne region and minimises our impact on pastoral tracks, in particular during the wet season (January-March). This will allow the Company's drill target generation program to maintain momentum and will enhance the geophysical compilation work being undertaken by SGS.
- A 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 [Figure 3](#)).
- 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.
- 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.**

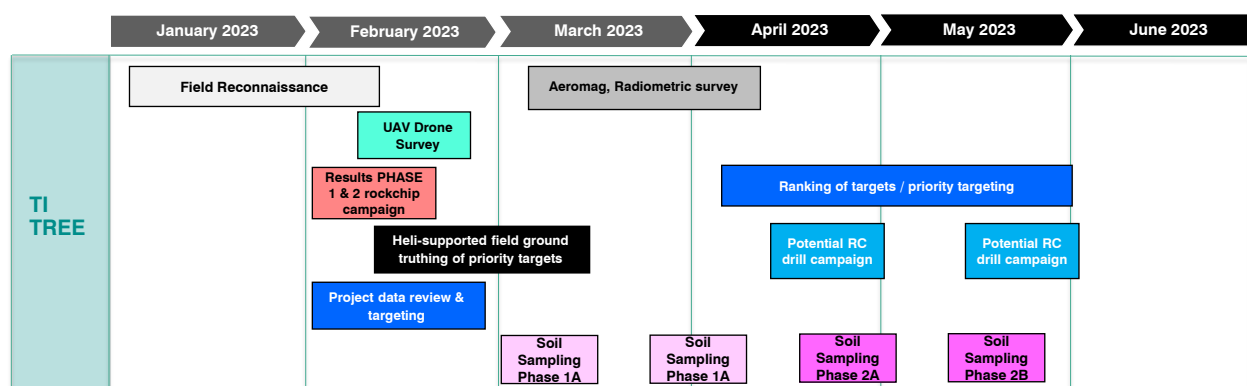


Figure 4: Planned and completed activities at Ti Tree – Q1-Q2 2023

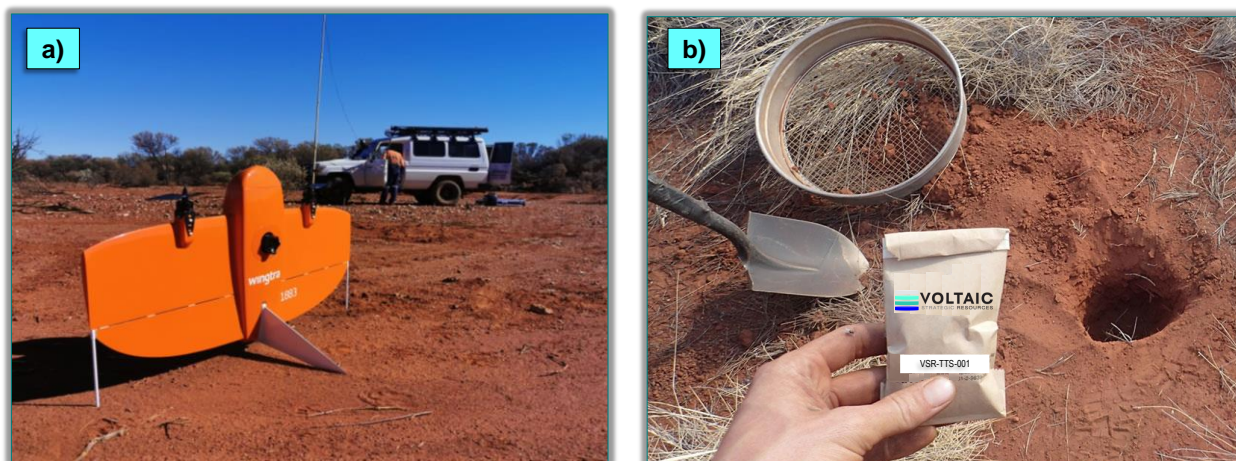


Figure 5: Planned upcoming exploration: (a) Atlas Geophysics UAV drone survey, (b) soil sampling campaign

## Upcoming Newsflow

- **February 2023:** Results from phase-1 & 2 rock chip sampling at Ti Tree
- **February 2023:** Gascoyne regional update
- **March/April 2023:** Drill results from Paddys Well

## Previous Related Market Announcements

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