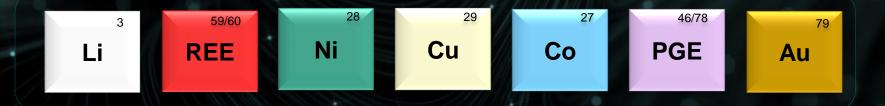
STRATEGIC RESOURCES

Lithium, Rare-Earths, Ni-Cu-PGE & Gold Exploration in Western Australia & Nevada



GASCOYNE CRITICAL METALS PROJECT UPDATE

30 November 2022



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COMPETENT PERSON'S STATEMENT

The information in this announcement that relates 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.



OVERVIEW

Nevada, USA:



Cu

Ni

Со

PGE

Tenements vastly under-explored for

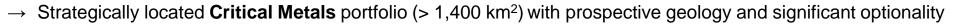
Critical Metals

Red Dirt Metals' 'Yinnietharra Lithium' (23m @ 0.98%, Li₂O)

Kingfisher Mining:

Micks Well REE project

Au



- Gascoyne, Western Australia:
- Meekatharra, Western Australia:
- Established gold district with two world-class vanadium development projects underway Ni-Cu-Co project containing formerly producing Co mine

Emerging Critical Metals (REE, Li, Ni-Cu-Co-PGE) province

- → Active neighbours (see below), with recent Li, REE and Au discoveries along strike from VSR's tenure
- → Accomplished corporate and technical team with extensive experience in **REE** and other **Critical Minerals**
- → Growth potential low Enterprise Value, leveraged to exploration success



Experienced Corporate & Technical Team

Proven Discovery and Corporate Track Record



John Hannaford | Chairman

BCom, CA, FFin

John is an experienced corporate executive with extensive experience in the ASX resources sector as a Corporate Advisor, Executive, Chairman, company promoter and investor. He is a qualified Chartered Accountant and Fellow of the Securities Institute of Australia, and has been principal of an AFSL holder, responsible for new listings and mergers and acquisitions. He also brings experience in ASX financing, IPOs and RTOs.



Lachlan Reynolds | Non-Exec. Director

BSc (Hons), MAusIMM, MAIG

Lachlan has a strong geological background with more than 25 years involvement in mineral exploration, project development and mining. He has worked with major mining groups including WMC in gold, nickel, copper and uranium projects covering a number of different regions. Over the last 10 years Lachlan has served as an executive and senior manager for a number of ASX listed companies, including as MD and is currently the MD of Mt Monger Resources Limited (ASX:MTM).



Michael Walshe | Chief Executive Officer

B.Eng. (Hons) Chem., MIEAust CPEng, MBA (Finance), MAusIMM

Michael has over 15 years of international experience in engineering, operations, technology commercialisation, and project development across the minerals, chemicals, and renewable energy sectors. Prior to Voltaic Strategic Resources, Michael spent 10 years with Metso Outotec, in various technical and senior management roles, covering all major commodities including lithium, rare earths, gold, and base metals. Michael has extensive expertise in process design, metallurgical flowsheet development, and structuring project finance packages for junior miners via export credit funding.



David Izzard | Non-Exec. Director

BBus, CPA, MBA, MSc, GAICD

David is a highly experienced Executive and Non-Executive Director with extensive skills in all aspects of financial and commercial management at a senior executive level in both listed and unlisted companies. He has been instrumental in the formulation of joint ventures and distribution agreements, and steering companies through successful capital raising, IPOs and trade sale.



Simon Adams | CFO & Company Secretary, Director

B.Bus., M. Acc.

Simon has over 25 years of experience with listed (ASX and NASDAQ) and private companies in Australia where he has filled various executive roles across a range of industries including mining, aquaculture, finance and most recently in the upstream energy sector. He has experience in the areas of corporate and financial management, corporate compliance and business development. Simon is a member of the Governance Institute of Australia.



Claudio Sheriff-Zegers | Exploration Manager

BSc Minerals Exploration and Mining Geology, MAusIMM

A highly experienced geologist, Claudio discovered Asra Minerals' (ASX:ASR) Yttria REE and Critical Minerals deposit and was involved in Northern Minerals' (ASX:NTU) Browns Range Wolverine HREEs discovery.

His expertise of mineralised systems throughout Australia, Indonesia and Chile covers target generation and systematic ranking, exploration and discovery through to resource drill-out, across a wide range of deposit types incl. REE and Critical Minerals, high-grade narrow vein Au, epithermal Au, structural Cu-Au, base metals, VMS, BHT, and IOCG/ISCG.



VOLTAIC STRATEGIC RESOURCES

OWNERSHIP (UNDILUTED)

Advisors, 3%

Capital Raising Investors, 49% Other Shareholders, 21%

> Directors & Management, 6%

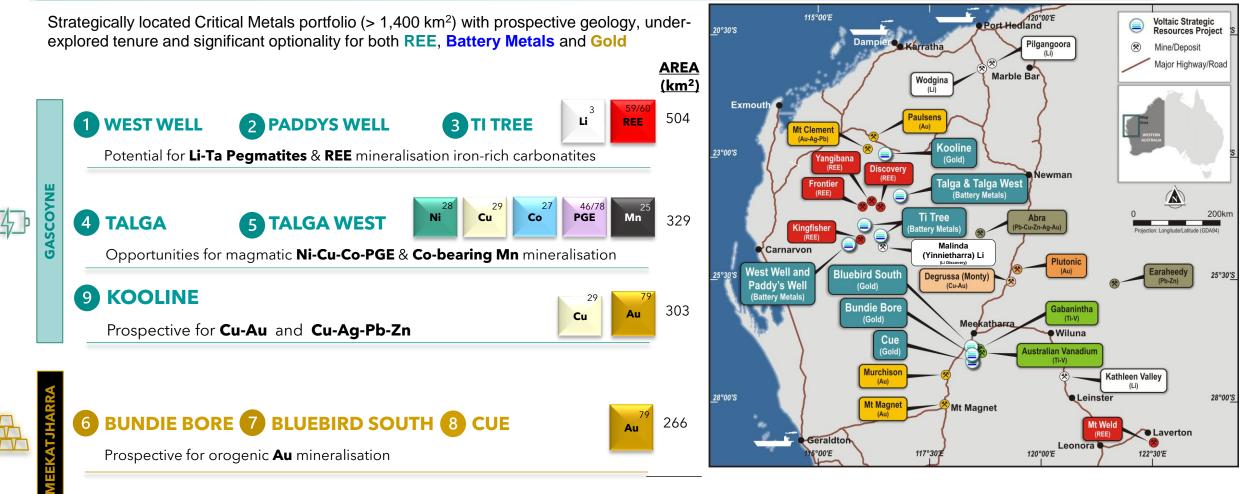
3rd Party Vendors, 21%

CORPORATE SNAPSHOT

CAPITAL STRUCTURE	UNITS	VALUE
Shares on Issue (Total)	М	420.18
24 Month Escrow	М	81.95
12 Month Escrow	М	31.80
Free Float	М	306.43
Free Float (Percentage)	-	73%
Options on Issue (Unlisted)	М	201.0
Market Cap. (at \$0.020/share on listing)	A\$M	8.40

Enterprise Value at Listing	A\$M	3.82

WEST AUSTRALIAN PROJECTS



TOTAL AREA 1,402 km²





Gascoyne Projects



Rare Earins



60

66

Nd

Dy

59

65

Pr

Tb

EXPLORATION UNDERWAY



- Multi-km REE & Lithium corridors identified
- Extensive rockchip sampling campaign completed results expected Mid-December 2022
- **Drill planning** in progress



GASCOYNE PROJECTS

Emerging Critical Metals province:

RARE EARTHS

- Hastings Yangibana REE project
- Dreadnought: Mangaroon REE prospect
- Lanthanein Resources: Gascoyne REE prospect
- Kingfisher: Micks Well, Kingfisher & Mooloo REE prospects

LITHIUM

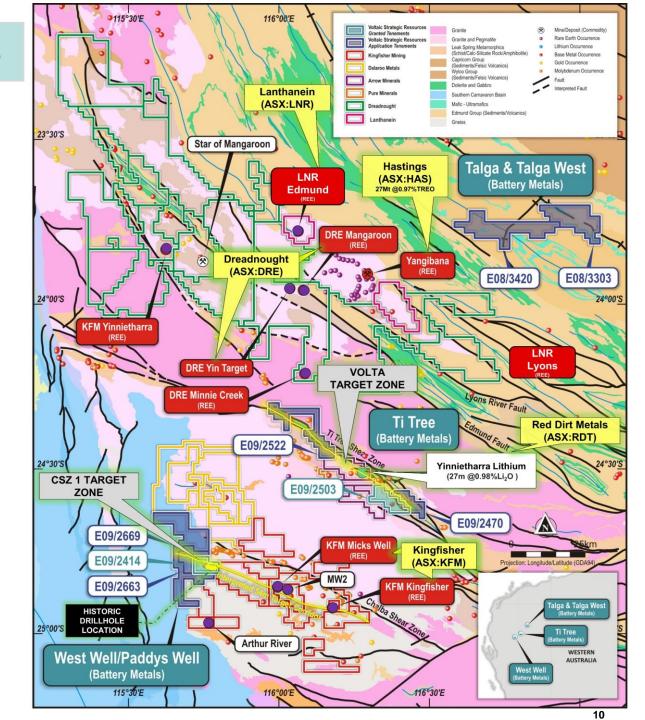
- Red Dirt Metals Yinnietharra (formerly 'Malinda') Li project (23m @ 0.98%, 2m @ 1.71% & 1m @ 2.0% Li₂O) (acquired for A\$25M from Electrostate Pty Ltd)
- Contiguous to VSR Ti Tree Project interpreted lithium corridor
- Potential for WA's next Lithium district

Ni-Cu-Co-PGE

Dreadnought / First Quantum 'Money Intrusion' (1.2% Ni, 0.6% Cu & 4.7g/t Pd-Pt) (Talga / Talga West Project - targeting dolerite dyke intrusions analogous to the Money Intrusion)







GASCOYNE: Emerging REE province





HASTINGS, YANGIBANA

- 8 years of metallurgy to 'crack' the monazite code
- Project construction underway
- Long lead equipment ordered
- 27 Mt @ 0.97% TREO with 0.33 Nd+Pr%





Dreadnought Resources Outcropping Ironstones



Preliminary results (YIN TARGET): • 33m @ 2.50% TREO from 1m, incl.10m @ 6.30% TREO from 11m Outcropping Ironstones

Kingfisher Mining

Preliminary results (MICKS WELL): • 5m at 3.45% TREO with 0.65% Nd+Pr incl. 3m at 5.21% TREO with 0.98% Nd+Pr Lanthanein Resources Outcropping Ironstones



Preliminary results (LYON): • Rock chips up to 21% TREO (3.6% Nd+Pr)

- Unique REE minerology
- Significant NdPr upgrade from flotation
- High value concentrate
- World-class in terms of OPEX and CAPEX

- Hastings: Yangibana REE project (27 Mt @ 0.97% TREO)
- Dreadnought: Mangaroon REE 33m @ 2.50% TREO
- Kingfisher: Micks Well 5m at 3.45% TREO with 0.65% Nd+Pr incl. 3m at 5.21% TREO with 0.98% Nd+Pr (MW2 target)
- Kingfisher: 54m interpreted corridor (including MW2 target) Lanthanein: Gascoyne REE - Rock chips up to 21% TREO (3.6% Nd+Pr)



WEST-WELL / PADDYS WELL - RECENT FIELD RECONNAISSANCE (Q3/Q4 2022)

Lat - Marine

IRONSTONE ROCK SAMPLES TAKEN

- Encouraging anomalous yttrium (Y) from pXRF data; key REE pathfinder.
- Multiple rockchips with highly anomalous radiometric response from portable scintillometer → also linked to REE prospectivity.
- All samples will undergo laboratory multielement analysis to verify the above preliminary observations.

VOLTAIC

STRATEGIC RESOURCES

Numerous outcropping ironstone rocks found - potentially prospective for **REEs**

and to the second

PADDYS WELL PROJECT

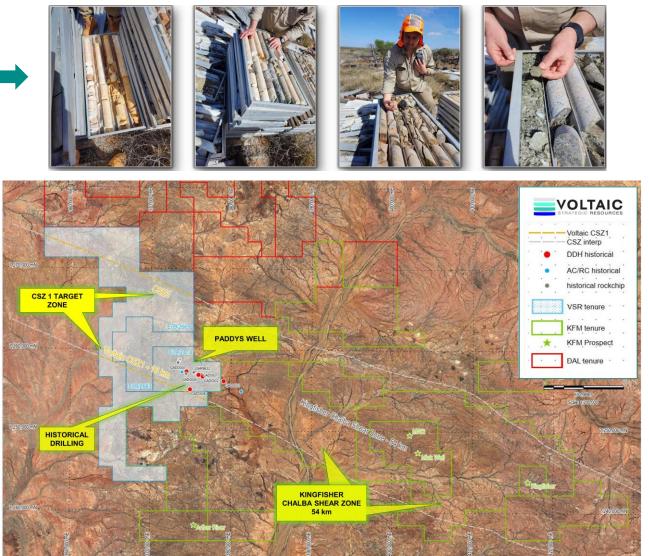


Multiple historical drillholes with anomalous REE

- Multiple REE occurrences within both historical drill core and surface rockchips, - Adding ~16 km strike extension to the 54 km prospective REE corridor recently identified by neighbour Kingfisher Mining Ltd \rightarrow "CSZ 1" target corridor
- o 16 historical holes returned anomalous REE results. Highlights:
 - GAD0004: 7 discrete intervals totalling 82 m of REE **zones** with average intercept of 1,053 ppm TREO (peak 2,539 ppm TREO)
 - Majority of intercepts near-surface, with encouraging widths of up to 27 m (not true width).
- Encouraging high ratio (23%) of in-demand 'magnet' REEs (Nd, Pr, Dy, Tb oxide) to TREO (MREO:TREO) (average of all intercepts) (not all REEs assayed for)



Historical drillcore from Paddys Well found during recent field reconnaissance program

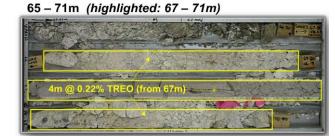


Regional map showing: historical drillhole locations within E09/2414; other REE occurrences in the area; & the interpreted 13 prospective corridor

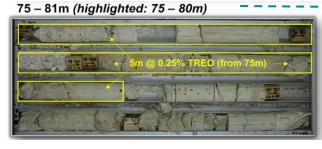
PADDYS WELL PROJECT Multiple historical drillholes with anomalous REE



- Multiple historical drillholes with anomalous Total Rare Earth Element Oxide (TREO) results within both shallow oxide cover and basement
- Not all REEs assayed for
- Composite sampling only tested 5cm of each respective m → potential to expand both REE mineralised zones and REE grades.

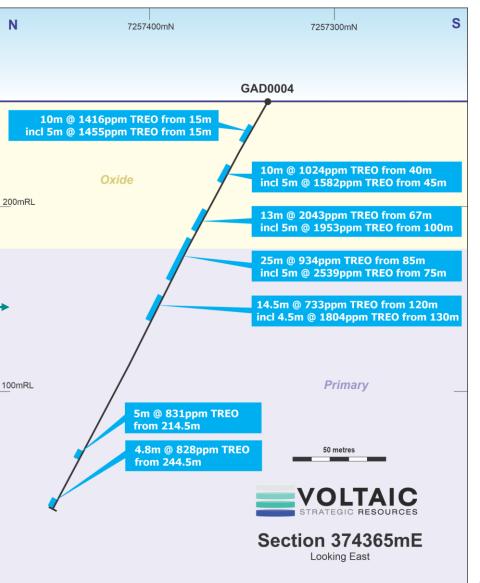






97 - 107m (highlighted: 100 - 105m)



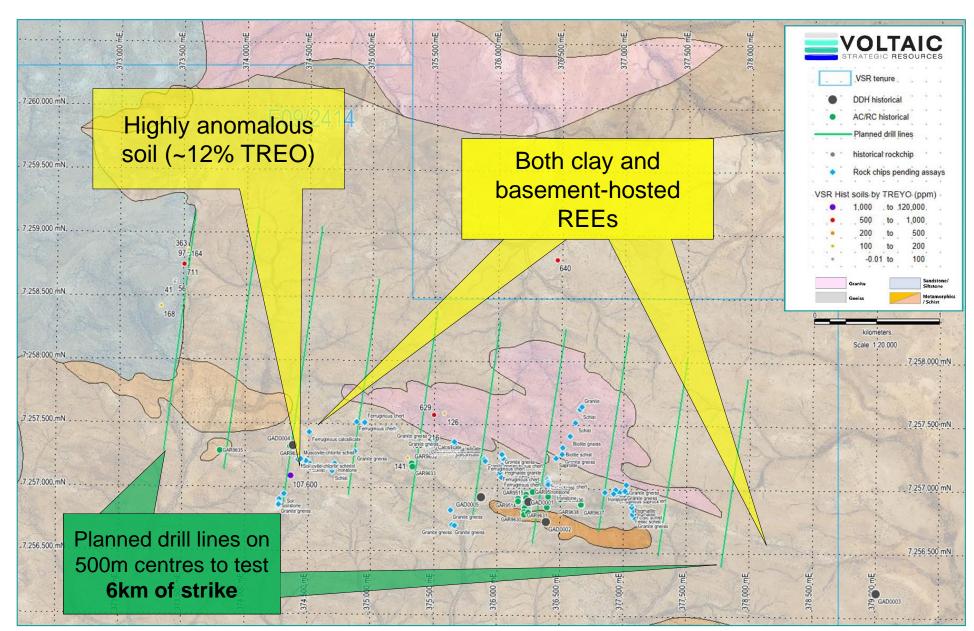




Shallow Drilling Planned Dec 2022 / Jan 2023 - Paddys Well

- Prelim. drill campaign planned to commence in Dec 2022
- (1) 'twin' (the clay / oxide component) of historical Cameco drillholes with anomalous REEs;
- (2) test and expand the extent of the REE anomalism within this area utilising wide-spaced gridlines; &
- (3) screen other key priority target areas of interest

Expeditious and economic vectoring for subsequent deeper drill campaigns.



EEntum



3

Li

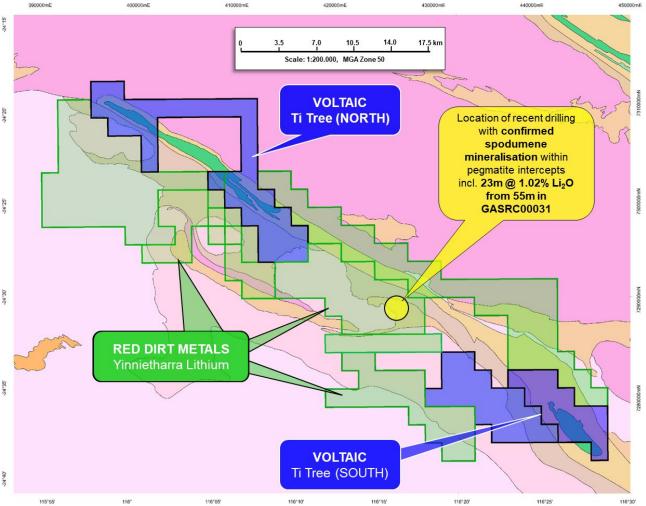
TI TREE PROJECT



Potential for Lithium Pegmatites & REE in iron-rich carbonatites

- Comprises three exploration licences covering an area of 212 km² & located 260 km north-east of Carnarvon
- Interpreted to reside within a prospective corridor of lithium-bearing pegmatites where recent exploration efforts have discovered the Yinnietharra (formerly 'Malinda') Li project*).
 - Acquired by Red Dirt Metals for A\$25M
 - Excellent drill intercepts including: 23m @ 0.98%, 2m @ 1.71% & 1m @ 2.0% Li₂O)
 - Voltaic's ground is along strike both NW and SE of Malinda and includes the granite contact extensions
 - Very limited exploration to date within RDT's tenure
 only 34xRC holes within 4 km² area RDT
 currently diamond drilling 2,000 m⁺ and are
 raising A\$60M to do and extensive follow-up
 campaign in Q1 2023
 - Significant intervals near-surface with <u>spodumene</u>
 <u>confirmed</u>





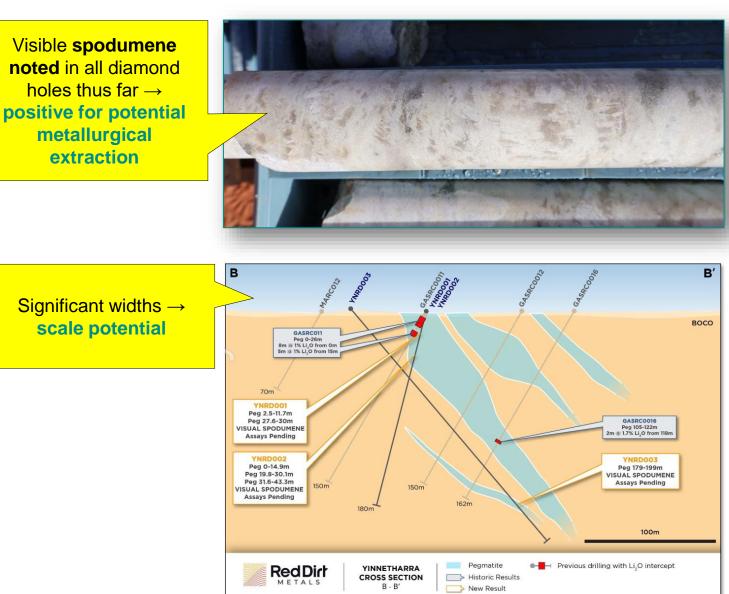
* Red Dirt Metals (ASX:RDT) announcement on the Malinda / Yinnietharra Lithium Project: https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02604548-6A1124910?access_token=83ff96335c2d45a094df02a206a39ff4

TI TREE NEIGHBOUR – MALINDA LITHIUM

3 **Li**

Significant scale potential

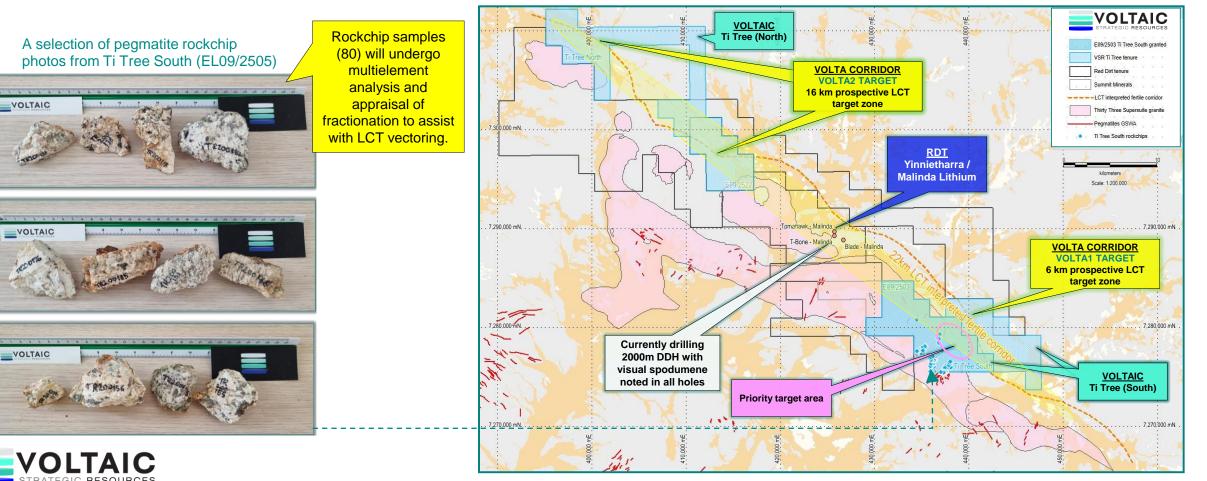
- Red Dirt Metals (ASX:RDT) Yinnietharra / Malinda lithium discovery
- Visual spodumene is currently being encountered in diamond drillholes (see <u>ASX:RDT release:</u> <u>28/11/2022</u>).
- Early indicators are alluding to significant lithium scale potential at Yinnietharra through both the frequency of spodumene occurrences observed and the width of the pegmatite bodies drilled thus far.





TI TREE PROJECT

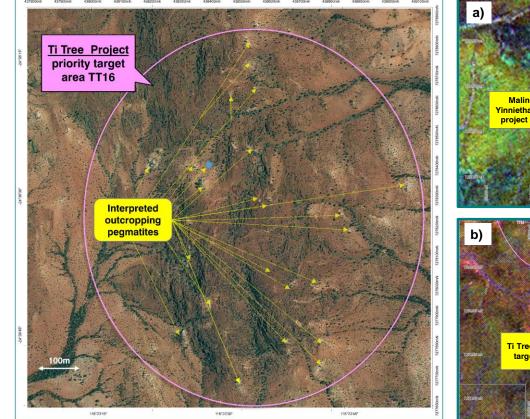
- 3 Li 59/60 REE
- The "Volta" corridor over 22 km cumulative strike length of outcropping pegmatites identified within interpreted prospective LCT corridor
- 3 x 4 km surface pegmatite outcrop area delineated at Ti Tree South
- Frequency of fractionated / altered felsic rocks observed is encouraging, with several coarse-grained pegmatites, tourmaline and beryl widespread throughout the tenure



TI TREE PROJECT

Recent Spectral Alteration Survey Targeting Pegmatites:

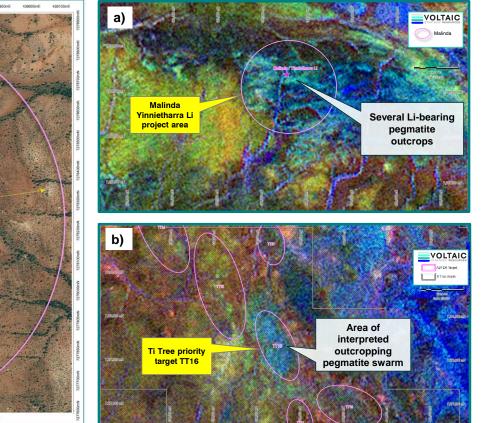
 Spectral alteration survey utilising LANDSAT and ASTER satellite data (March 2022)



SATELLITE IMAGERY SHOWING OUTCROPPING

PEGMATITE SWARMS

ASTER IMAGERY COMPARISON OF MALINDA TO TI TREE SOUTH PRIORITY TARGET AREA



Several "Malinda / Yinnietharra" lithium lookalike targets identified

- Additionally, numerous interpreted surface pegmatite swarms observed from LANSAT satellite imagery
- All targets along strike from Malinda mineralisation and overlay interpreted 'Goldilocks' zone
- Ground truthing of priority target areas commencing this week
- Shallow auger-vacuum drilling campaign to commence in December to test priority targets





Shallow Drilling Planned Dec 2022 / Jan 2023 - Ti Tree

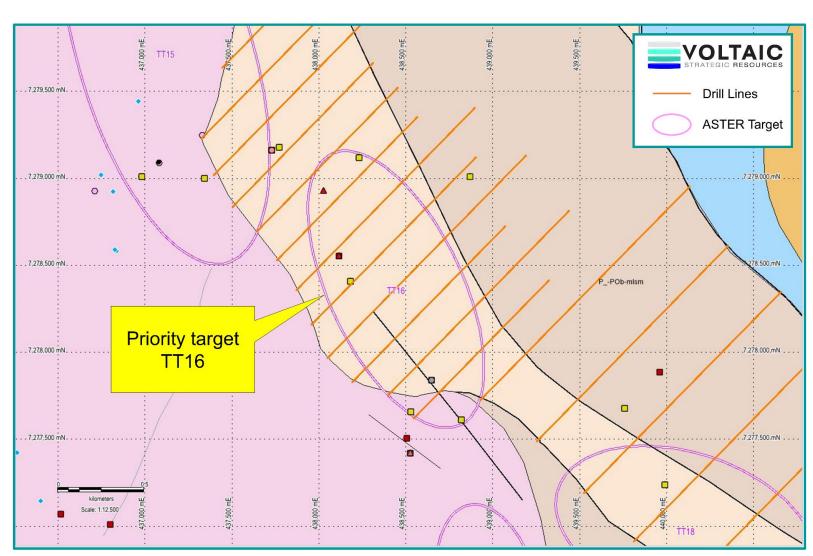
- Prelim. shallow drill campaign planned to commence in Jan 2023
- Screen key target areas of interest for LCT geochemical vectoring haloes
- Subsequent exploration will involve soil sampling and geophysical surveying, and this will be followed by deeper RC drilling

Expeditious and economic vectoring for subsequent deeper drill campaigns.

Highly effective rig for areas with challenging access and for preliminary drill targeting before moving to deeper RC or DDH drilling



Typical auger vacuum drill rig. Source: Strataprobe Pty Ltd



Area of planned shallow drilling (preliminary)



RECENT (Q3 / Q4 2022) FIELD EXPLORATION AT TITREE



Numerous outcropping pegmatites found and sampled

Potentially prospective for Lithium











Other Battery & Base Netals



TALGA / TALGA WEST



Opportunities for magmatic Ni-Cu-PGE mineralisation & Co-bearing Mn

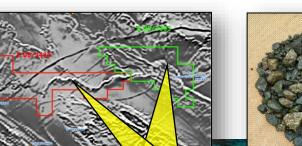
Total Area: 330 km²

ASX: VSF

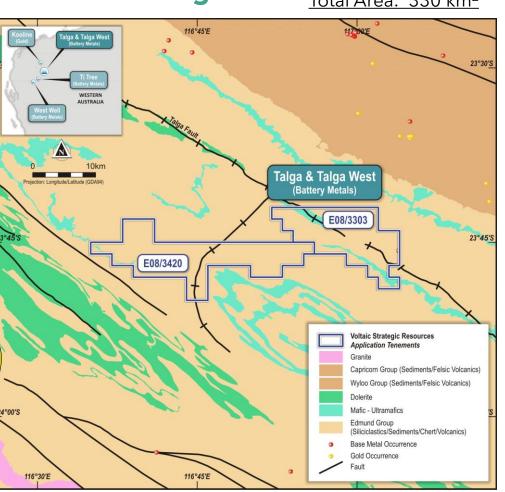
- Comprises a two ELA's covering 330 km² & located 350 km north-east of Carnarvon
- Covers the north-western extent of the Edmund Basin (Ashburton Basin) & is underlain by rocks of the Capricorn Orogen, a major tectonic zone between the Archaen Yilgarn and Pilbara Cratons.
- Contains the 'Talga Fault Zone' (TFZ), major NW-SE trending litho-structural contact that has shown historical potential for both magmatic Ni-Cu-Co-PGE and cobalt-bearing manganese mineralisation.
- Previous exploration identified anomalous Mn and Co mineralisation along the TFZ which is associated with a dolomitic unit parallel to the TFZ.
- · Prior VTEM survey identified numerous targets never drill tested
- Historical sampling (limited), ID'd anomalous Ni-Cu-Co mineralisation associated with a large dolerite-gabbro dyke.
 - Same geophysical signature as Dreadnought/First Quantum's Money Intrusion (Mangaroon project)
 - Money intrusion: gossanous outcrop identified at Mangaroon > Ni-Cu sulphides found > →caught the attention of <u>First Quantum</u> > potential for world-class Ni-Cu deposit akin to Jinchaun Ni-Cu-PGE deposit in China (500 Mt @ 1.2% Ni, 0.7% Cu, 0.4 g/t PGE)

Magnetics (GSWA) over Talga/Talga West

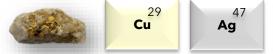
STRATEGIC RESOURCES



Cross-cutting dykes – potential sulphide accumulation zones along the intrusion



KOOLINE PROJECT



Total Area: 303 km²

Pb

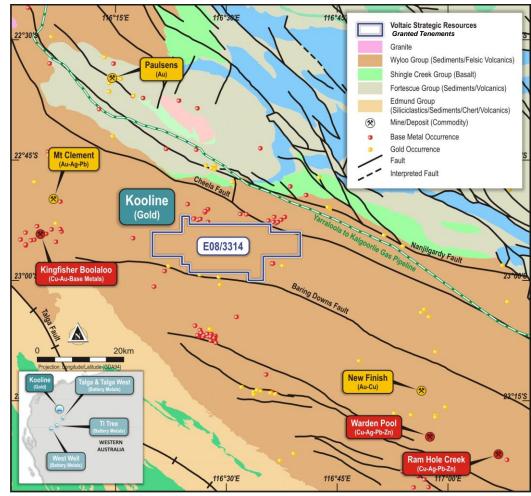
82

Zn

Au

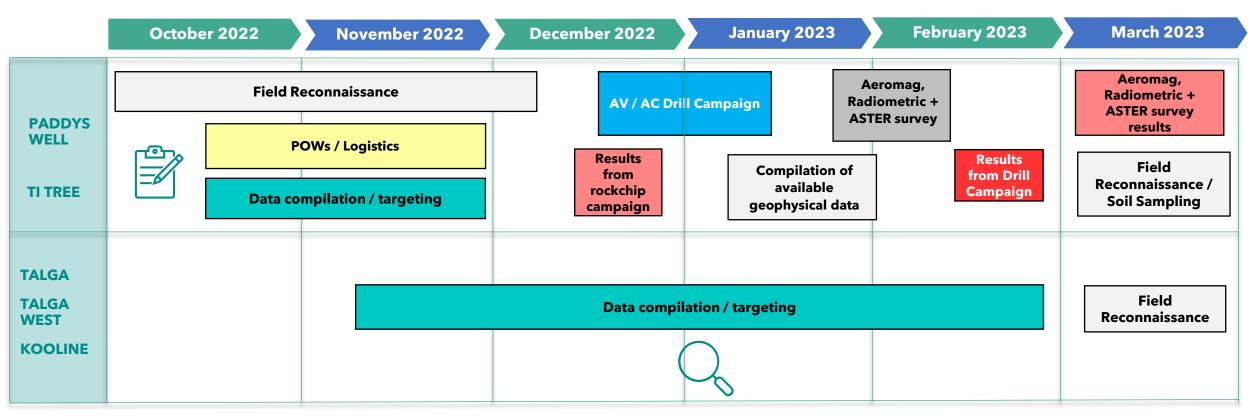
Potential orogenic Cu-Au and Cu-Ag-Pb-Zn deposits

- Single EL (303 km²) and is located ~350 km north-east of Carnarvon in Western Australia
- Paulsens Gold Mine, owned by Northern Star Resources (NSR), is 40 km north of the project, & has produced over 900k Oz of Au since 2005.
 - Previously identified as a high priority target area by NSR
- Lies within the W-NW trending regional Wyloo anticlinal dome, which is prospective for mesothermal, orogenic Au deposits, such as Paulsen deposit, which has mineralisation within structurally controlled quartz veins.
- Historical surface sampling & subsequent shallow drilling by NSR identified gold anomalism, which was not followed up
- Neighbours Kingfisher Mining and Cazaly Resources have had recent exploration success (Boolaloo and Ashburton Projects, respectively





GASCOYNE PROJECT - EXPLORATION TIMELINE





UPCOMING NEWSFLOW

December 2022:

December 2022:

December 2022:

- Exploration Update Talga / Talga West, Kooline, Meekatharra, Nevada projects
- Update on planned drilling at Paddys Well / Ti Tree
- Results from ongoing surface mapping and rock chip sampling at Paddys Well / Ti Tree
- January 2023: Commencement of geophysical surveys at Paddys Well / Ti Tree
- February 2023: Drill results from Paddys Well / Ti Tree
- March 2023: Results from geophysical surveys; field reconnaissance update at Talga / TalgaWest, Kooline



SUMMARY

- Drill planning underway at both Paddys Well REE and Ti Tree lithium targets
 - Prospective corridors identified at both
 - Extensive rockchip sampling campaign completed
 - Several outcropping ironstones and pegmatites found

REE potential at Paddys Well

- Clay-hosted REE deposits with significant scale potential
- Primary basement-hosted REEs akin to Hastings / DRE

✓ Lithium potential at Ti Tree

- Along strike from RDT's Yinnietharra Li discovery with several 'lookalike' targets
- Within 'Goldilocks' zone
- Outcropping pegmatites / encouraging geophysical results
- Significant scale potential across the belt







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