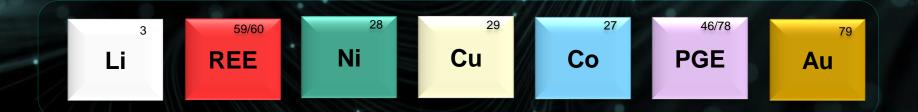


Lithium, Rare-Earths, Ni-Cu-PGE & Gold Exploration in Western Australia & Nevada



GASCOYNE CRITICAL METALS PROJECT UPDATE

02 November 2022

# DISCLAIMER

This document has been prepared by **Voltaic Strategic Resources** Limited (ABN 66 138 145 114) and/or its affiliates (together, "Voltaic Strategic Resources Limited") for the exclusive use of the party to whom Voltaic Strategic Resources Limited delivers this document (the "Recipient"). The information contained in this document has been prepared in good faith by Voltaic Strategic Resources Limited. However, no representation or warranty, either express or implied, is made as to the accuracy, completeness, adequacy or reliability of the information contained in this document. This document contains only a synopsis of more detailed information in relation to the matters described herein and accordingly no reliance may be placed for any purpose whatsoever on the sufficiency or completeness of such information as presented herein. This document should not be regarded by the Recipient as a substitute for the exercise of its own judgment and the Recipient should conduct its own due diligence in respect of the contents of this document. To the maximum extent permitted by law Voltaic Strategic Resources Limited, its directors, officers, employees, advisers, and agents disclaim any or all liability for any loss or damage which may be suffered by any person as a result of the use of, or reliance upon, anything contained within or omitted from this document.

This document has been prepared solely for informational purposes. This document does not constitute a prospectus and is not to be construed as a solicitation or an offer to buy or sell any securities, or related financial instruments, in any jurisdiction. The Recipient should not construe the contents of this document as legal, tax, accounting or investment advice or a recommendation. The Recipient should consult its own legal counsel, tax and financial advisors concerning any matter described herein. This document does not purport o be all-inclusive or to contain all of the information that the Recipient may require. No investment, divestment or other financial decisions or actions should be based solely on the information in this document. The distribution of this document may be restricted by law in certain jurisdictions. The Recipient and any other persons who come into possession of the document must inform themselves about, and observe, any such restrictions.

#### CAUTIONARY STATEMENT REGARDING VALUES & FORWARD-LOOKING INFORMATION

The figures, valuations, forecasts, estimates, opinions and projections contained herein involve elements of subjective judgment and analysis and assumption. Voltaic Strategic Resources Limited does not accept any liability in relation to any such matters, or to inform the Recipient of any matter arising or coming to the company's notice after the date of this document which may affect any matter referred to herein. Any opinions expressed in this material are subject to change without notice, including as a result of using different assumptions and criteria. This document may contain forward-looking statements. Forward-looking statements are often, but not always, identified by the use of words such as "seek", "anticipate", "eleive", "plan", "expect", and "intend" and statements than an event or result "may", "will", "should", "could", or "night" occur or be achieved and other similar expressions. Forward-looking information is subject to business, legal and economic risks and uncertainties and other factors that could cause actual results to differ materially from those contained in forward-looking statements. Such factors include, among other things, risks relating to property interests, the global economic climate, commodity prices, sovereign and legal risks, and environmental risks. Forward-looking statements are based upon estimates and opinions at the date the statements are made. Voltaic Strategic Resources Limited undertakes no obligation to update these forward-looking statements for events or circumstances that occur subsequent to such dates or to update or keep current any of the information contained herein. The Recipient should not place undue reliance upon forward-looking statements. Any estimates or projections as to events that may occur in the future (including projections of revenue, expense, net income and performance) are based upon the best judgment of Voltaic Strategic Resources Limited, its affiliates, directors, employees and/or agents expressly disclaim any and all liability relating or

This material must not be copied, reproduced, distributed or passed to others at any time, in whole or in part, without the prior written consent of Voltaic Strategic Resources Limited.

#### **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**

Active peers in the region

HASTINGS Technology Metals Limited

**DREADNOUGHT** 

**Red Dirt** 

KINGFISHER MINING

NTHANEIN RESOURCES



**Project** 



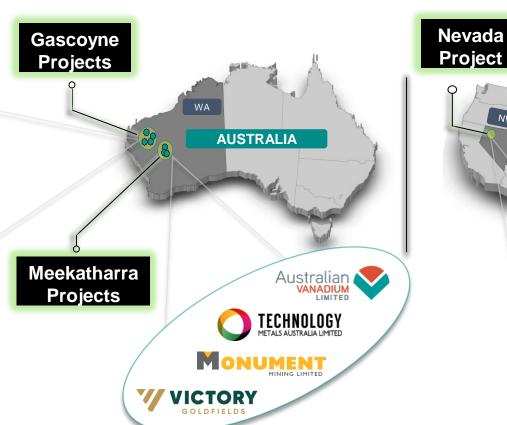
Cu

Co

**PGE** 



- Strategically located Critical Metals portfolio (> 1,400 km<sup>2</sup>) with prospective geology and significant optionality
  - Gascoyne, Western Australia: Emerging Critical Metals (REE, Li, Ni-Cu-Co-PGE) province
  - Established gold district with two world-class vanadium development projects underway Meekatharra, Western Australia:
  - Ni-Cu-Co project containing formerly producing Co mine Nevada, USA:
- 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



Tenements vastly under-explored for Critical Metals

**Red Dirt Metals'** 'Yinnietharra Lithium' (23m @ 0.98%, Li<sub>2</sub>O)

**Kingfisher Mining:** Micks Well REE project (5m @3.5% TREO)

**Dreadnought Resources** Mangaroon REE project (33m @ 2.5% TREO)







# **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.

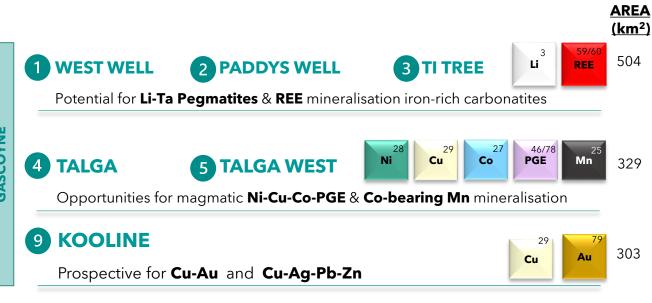
# VOLTAIC STRATEGIC RESOURCES **OWNERSHIP (UNDILUTED)** Advisors, 3% Other Shareholders, 21% **Directors & Capital Raising** Management, 6% Investors, 49% 3rd Party Vendors, 21%

# **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**

Strategically located Critical Metals portfolio (> 1,400 km²) with prospective geology, underexplored tenure and significant optionality for both REE, Battery Metals and Gold





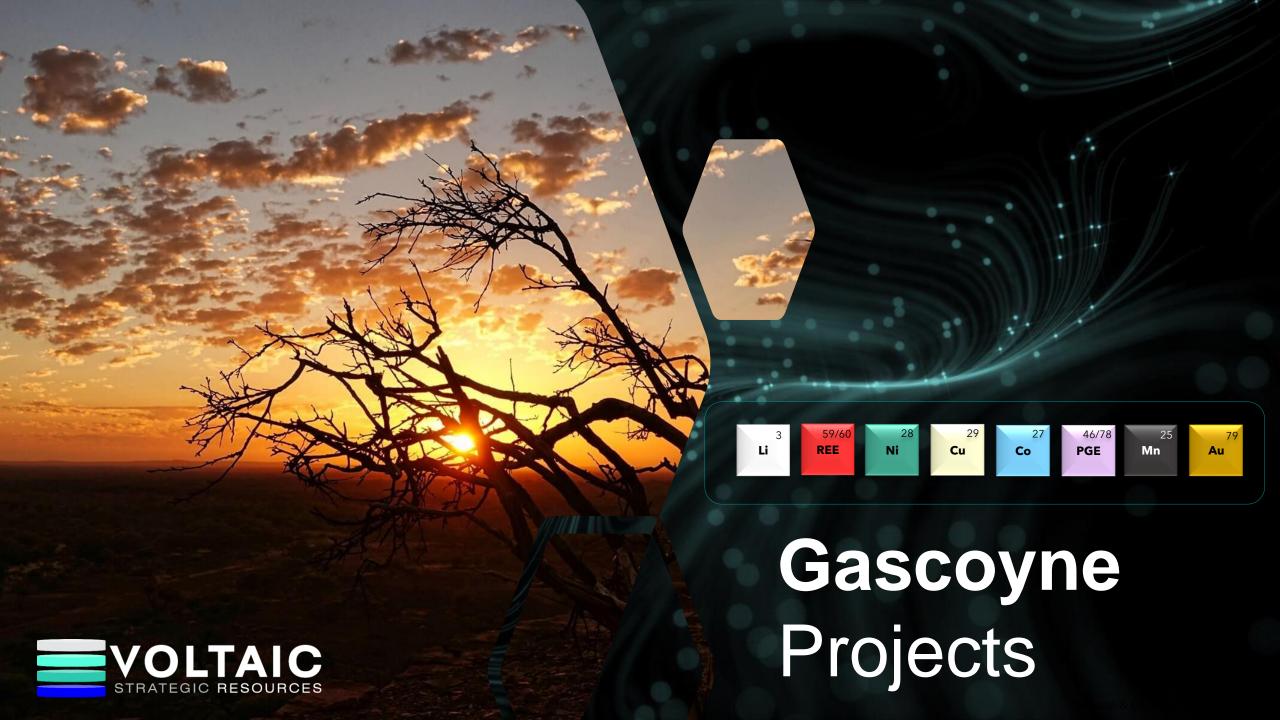


Prospective for orogenic **Au** mineralisation



115°00'E Voltaic Strategic Resources Project Mine/Deposit Major Highway/Road Marble Bar Exmouth 23°00'S Talga & Talga West (Pb-Cu-Zn-Ag-Au (Yinnietharra) Li Plutonic **Bluebird South** 25°30'S Degrussa (Monty) Paddy's Well **Bundie Bore** Gabanintha (Gold) Kathleen Valley 28°00'S Mt Magnet 117°30'E 122°30'E

TOTAL AREA 1,402 km<sup>2</sup>



## **EXPLORATION UNDERWAY**



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



# **GASCOYNE PROJECTS**

3 **.i** 

**CORRIDOR** 

59/60 **REE** 

28 **Ni**  29 **Cu**  Co 27

46/78 **PGE**  25 **Mn** 



### **Emerging Critical Metals province:**

#### RARE EARTHS

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

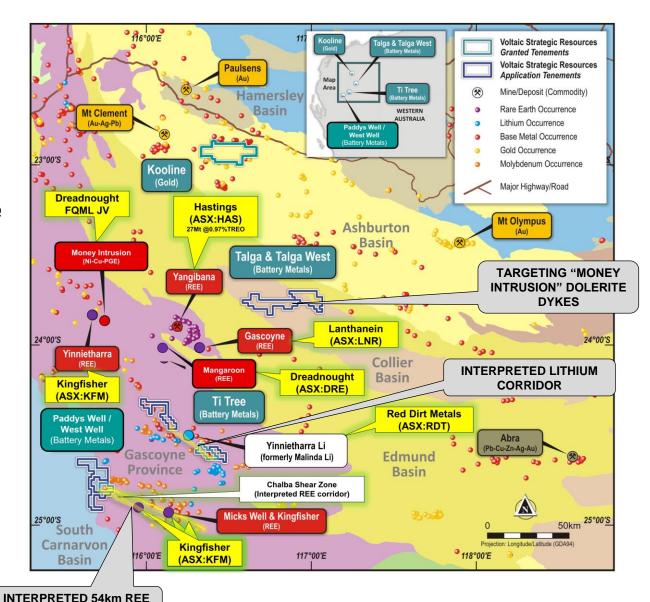
#### **LITHIUM**

- Red Dirt Metals Yinnietharra (formerly 'Malinda') Li project (23m @ 0.98%, 2m @ 1.71% & 1m @ 2.0% Li<sub>2</sub>O) (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

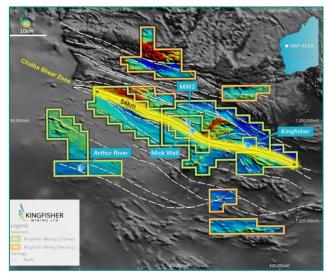


#### RARE EARTH DISCOVERIES

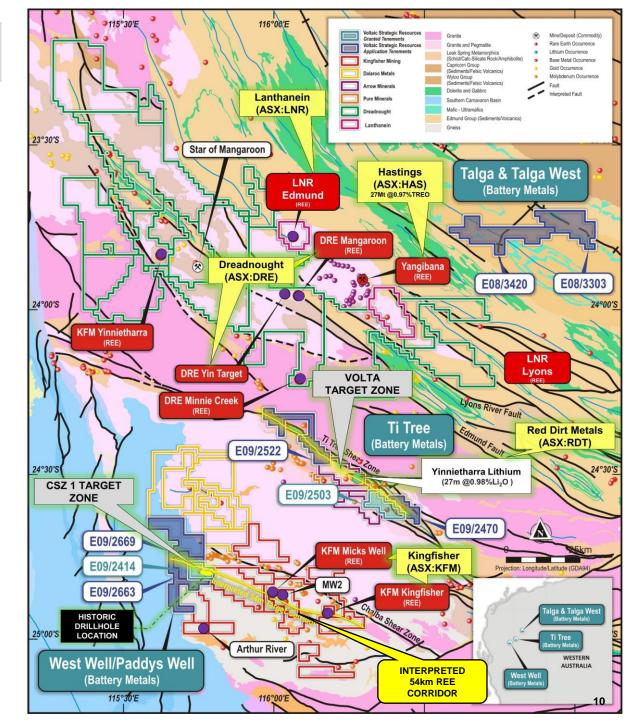
- Hastings Yangibana REE project (27 Mt @ 0.97% TREO)
- Dreadnought: Mangaroon REE 33m @ 2.50% TREO
- Kingfisher: Micks Well, Kingfisher & Yinnietharra REE 5m at 3.45% TREO with 0.65% Nd+Pr incl. 3m at 5.21% TREO with 0.98% Nd+Pr (MW2 target)
- Lanthanein: Gascoyne REE Rock chips up to 21% TREO (3.6%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

#### INTERPRETED REE TARGET CORRIDOR

 Kingfisher: 54m interpreted corridor (including MW2 target) along strike from Paddys Well/West Well







## **GASCOYNE:** Emerging REE province



#### Yangibana REE-rich ironstones



#### 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%

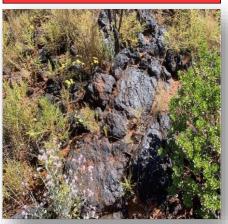


Unique REE minerology

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



**Dreadnought Resources**Outcropping Ironstones



Preliminary results (YIN TARGET):

• 33m @ 2.50% TREO from 1m, incl.10m @ 6.30% TREO from 11m

## Kingfisher Mining Outcropping Ironstones



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)

## Voltaic's Paddys Well Outcropping Ironstones within project area







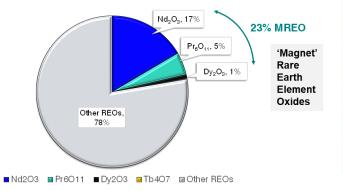
## PADDYS WELL PROJECT





### 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 (ASX:KFM) → "CSZ 1" target corridor
- 16 historical holes returned anomalous REE results. Highlights:
  - GAD0004: 7 discrete intervals totalling 82.3 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).
  - Historical explorers were focused on uranium only
- Encouraging high ratio (23%) of in-demand 'magnet' REEs (Nd, Pr, Dy, Tb oxide) to TREO (MREO:TREO) (average of all intercepts)



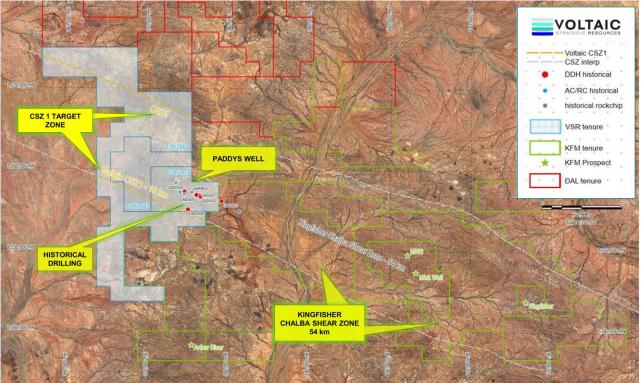














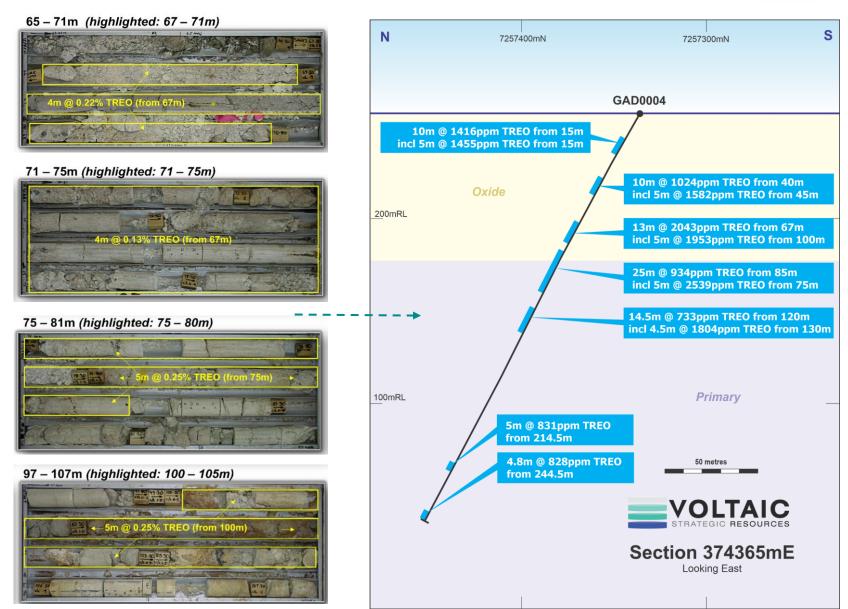
Regional map showing: historical drillhole locations within E09/2414; other REE occurrences in the area; & the interpreted prospective corridor

## PADDYS WELL PROJECT

### 59/60 REE

## 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





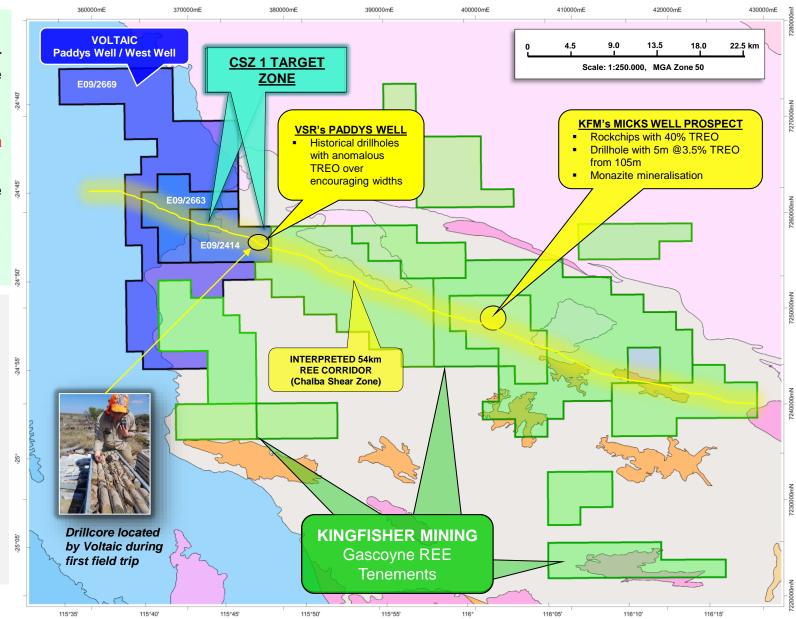
## Neighbour KFM's 'Gascoyne REE' Project & Historical Drillholes within VSR's Ground

#### KINGFISHER (KFM)'S GASCOYNE REE PROJECT

- Prospective 54km WNW crustal-scale corridor deemed a conduit for REE-rich carbonatite intrusions
  - VSR's tenements also overlay this corridor
  - Added ~16 km strike extension from data compilation
- Latest drilling at KFM's Micks Well → high grade REE intercepts, incl:
  - 5m @ 3.45% TREO with 0.65% NdPr, incl. 3m @ 5.21% TREO with 0.98% NdPr
  - Monazite mineralisation confirmed

#### HISTORICAL DRILLING WITHIN VSR's E09/2414

- Highly anomalous REE values across numerous intercepts
  - 16 historical holes returned anomalous REE mineralisation from several interpreted zones.
  - GAD0004: 7 discrete intervals totalling 82.3 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).
  - Immediate shallow drilling opps. for Voltaic
  - Added ~16 km strike extension to the 54 km prospective REE corridor ("CSZ 1" target)





Source: KFM ASX Announcement 30/08/2022 WAMEX Report A61555

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

#### **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

Numerous outcropping ironstone rocks found - potentially prospective for REEs







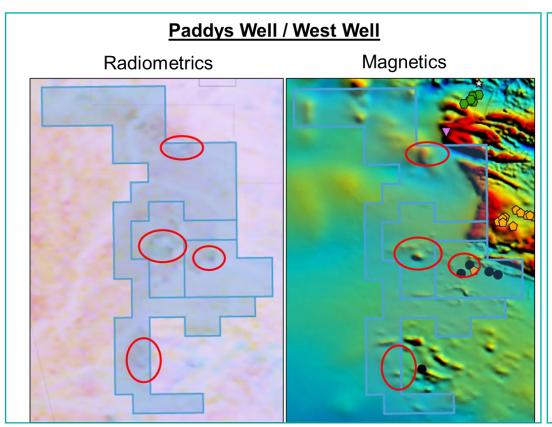


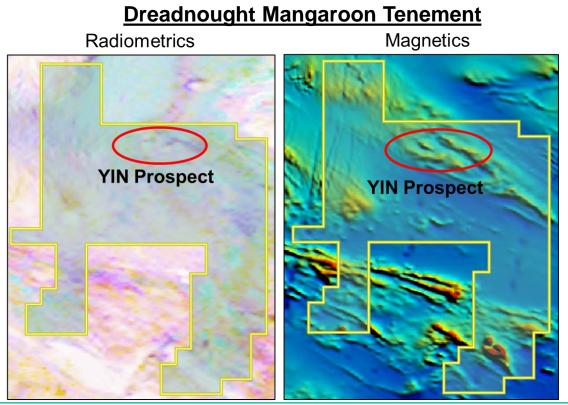


## GEOPHYSICAL ANOMALIES - WEST WELL/PADDYS WELL VS DRE



- REE discoveries in the Gascoyne are located in close proximity to major crustal boundaries & are associated with carbonatite intrusions
- Carbonatite intrusions have distinctive magnetic and radiometric coincident signatures
  - Mag/radiometric coincident anomalies identified within Paddys Well / West Well
  - Example also shown from Dreadnought's Mangaroon / Yin prospect where highly anomalous REE's have been found







# 3. TI TREE PROJECT



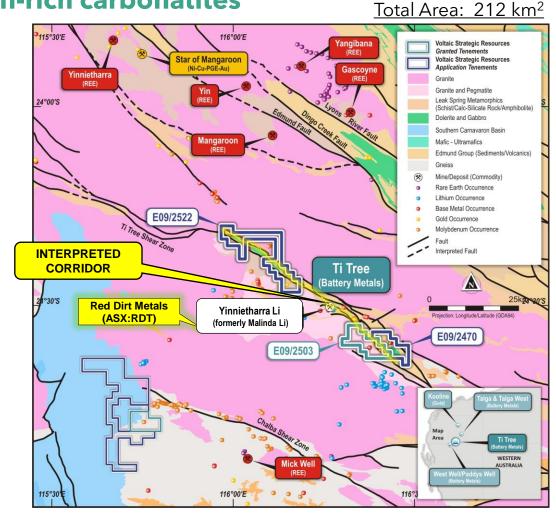






### Potential for Lithium Pegmatites & REE in iron-rich carbonatites

- Comprises three exploration licences covering an area of 212 km<sup>2</sup> & located 260 km north-east of Carnaryon
- 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 (ASX:RDT) for A\$25M
  - Excellent drill intercepts including: 23m @ 0.98%, 2m @ 1.71% & 1m @ 2.0% Li<sub>2</sub>O)
  - Voltaic's ground is along strike both NW and SE of Malinda and includes the granite contact extensions (see following slides for more details)
- 50 km south of the **Hastings Yangibana REE project** (21.0 Mt at 1.17% Total Rare Earths Oxides (TREO)
- Tenements are also prospective for REEs, Base Metals (Cu, Pb, Zn), Uranium and Gold



# 3. TI TREE PROJECT







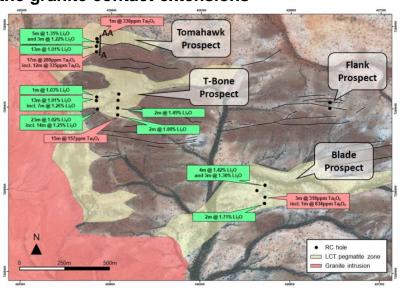


## Neighbouring 'Yinnietharra Lithium' Project (Recently acquired by Red Dirt Metals for A\$25M)

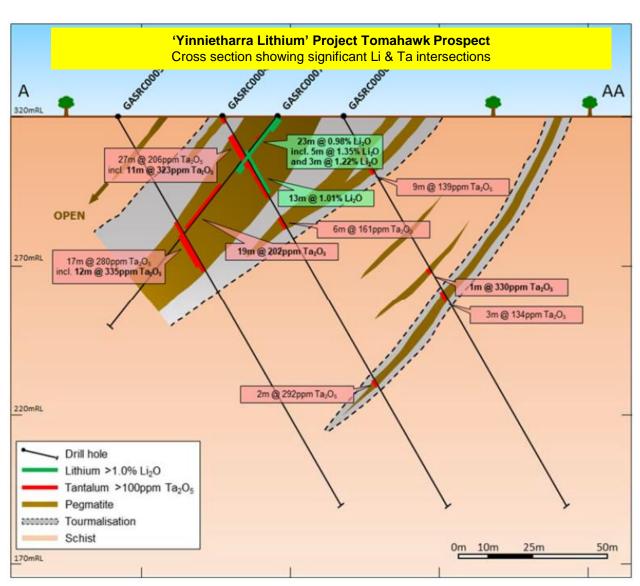
- Arrow Minerals <u>drilled 11 out of 30 planned holes in 2017</u>, hitting 23m @ 0.98% Li<sub>2</sub>O, but never followed up due to focus on gold and sold the Malinda project to a private group (Electrostate).
- Project acquired by Electrostate (100% in Aug 2022), who completed a further 34 holes, hitting several large pegmatite intercepts with spodumene confirmed present.
- Subsequently acquired by Red Dirt Metals for A\$25M (Ref announcement ASX:RDT, 12.09.2022, "Yinnietharra Lithium Project")
- Voltaic's ground is along strike both NW and SE of Malinda and includes the granite contact extensions



Rock chip collected from Malinda Li project area **grading** 3.77% Li<sub>2</sub>O



Numerous prospects – only partially drill tested by Arrow/RDT

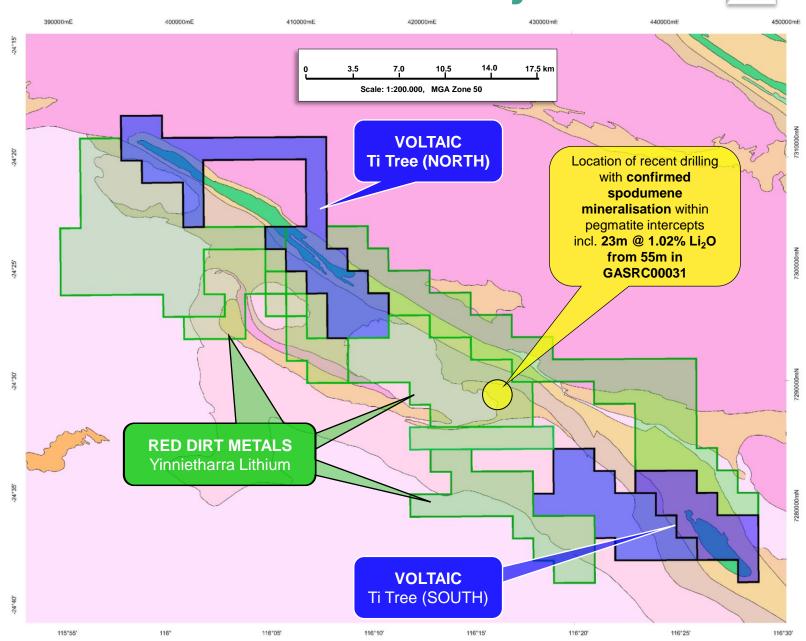




# Neighbouring RDT's 'Yinnietharra Lithium' Project

Li<sup>3</sup>

- Highly prospective LCT-bearing corridor of metasediments forming a contact with a granite intrusive, trending in a NW orientation for ~50km
  - VSR's tenements also overlay this granite/metasediment contact zone
  - Anomalous Li-Cs-Ta results observed within VSR's ground from historical stream survey
- Very limited exploration to date within RDT's tenure - only 34xRC holes completed within 4 km² area
- The right chemistry significant intervals of near-surface mineralisation drilled with spodumene-bearing pegmatites intersected from surface
- No depletion of Li from surface within the shallow weathering profile → younger pegmatite than others in WA → potential low strip-ratio ore (positive economics)
- To date, 5 mineralised pegmatites have been delineated (at least 1,500m L, 36m W, 100m D from surface). Significant intervals:
  - 16m @ 0.95% Li<sub>2</sub>O from 14m in GASRC0041
  - 26m @ 0.95% Li<sub>2</sub>O from 0m in GASRC0071
  - 23m @ 1.02% Li<sub>2</sub>O from 55m in GASRC00031





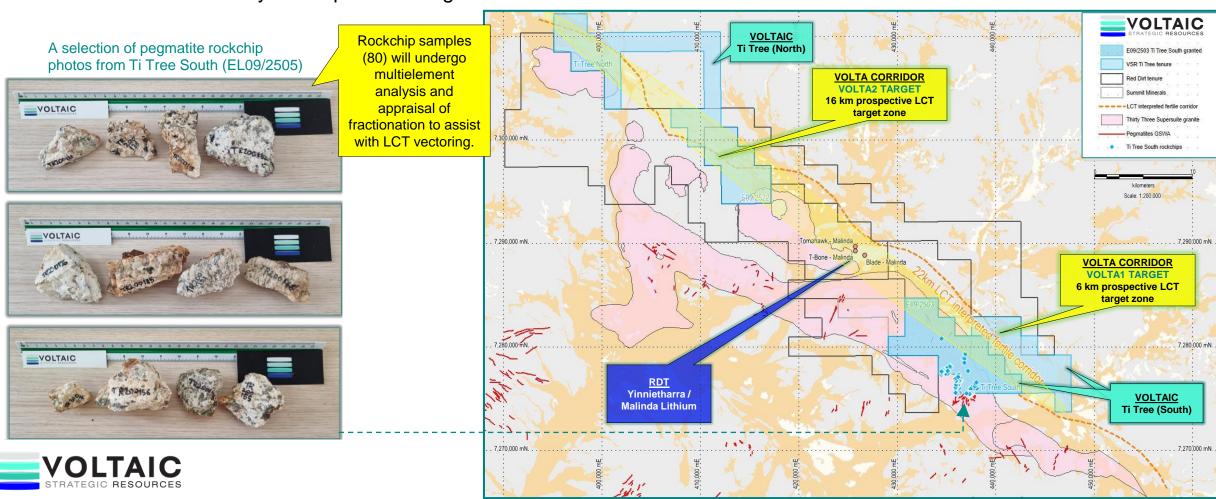
# 3. TI TREE PROJECT







- 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



# 3. TI TREE PROJECT





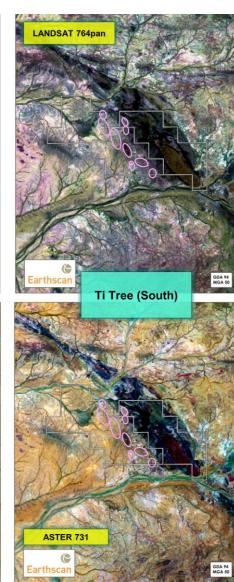




#### Recent Spectral Alteration Survey Targeting Pegmatites: Identified 21 Priority Targets

- A spectral alteration survey utilising LANDSAT and ASTER satellite data was undertaken across the project tenure in March 2022 to enable rapid mapping of surface mineralogy, targeting LCT pegmatites from surrounding fertile granitoids.
- It generated 21 priority targets and these are being systematically investigated, with the highest ranked "P1" targets prioritised in the recent field reconnaissance program.
- Encouragingly, several targets are observed to overlay portions of the prospective 'Volta' corridor, and rockchips have been collected from a portion of these to assist lithium vectoring geochemistry.







# RECENT (Q3 / Q4 2022) FIELD EXPLORATION AT TITREE



Numerous outcropping pegmatites found and sampled

Potentially prospective for Lithium











## 4. / 5. TALGA / TALGA WEST









PGE

Total Area: 330 km<sup>2</sup>



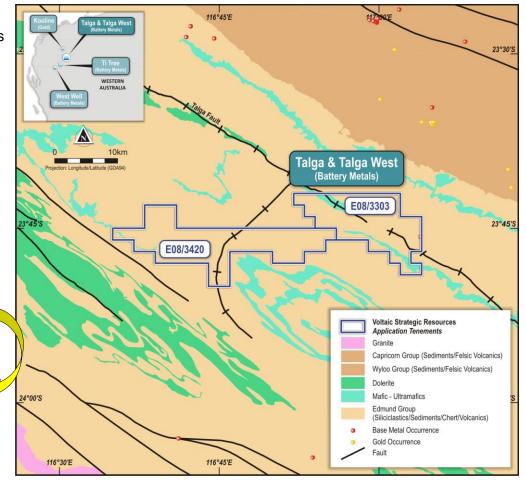
## Opportunities for magmatic Ni-Cu-PGE mineralisation & Co-bearing Mn

Comprises a two ELA's covering 330 km<sup>2</sup> & 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





# 6. KOOLINE PROJECT



29 **Cu**  47 **Ag**  82 **Pb** 

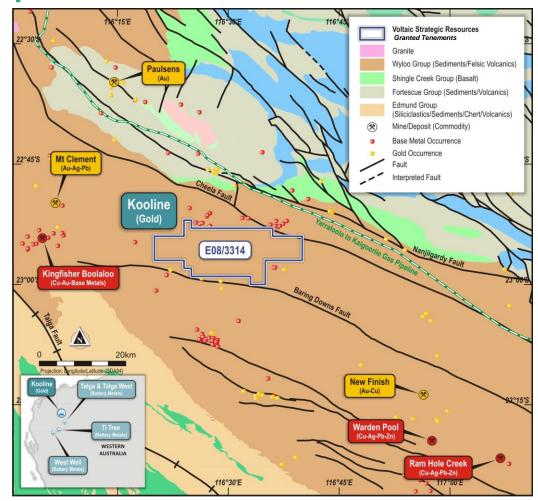
30 **Zn** 

Total Area: 303 km<sup>2</sup>



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

- Single EL (303 km²) and is located ~350 km north-east of Carnaryon 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





# **MEEKATHARRA PROJECTS**



119°00'E

26°30'S

118°30'E

Paddy's Flat

Mickey Doolan

**Bluebird South** 

(Gold)

**Maid Marion** 

Five Mile Well

Bluebird

Meekatharra

#### Prolific Gold & Critical Metals region:

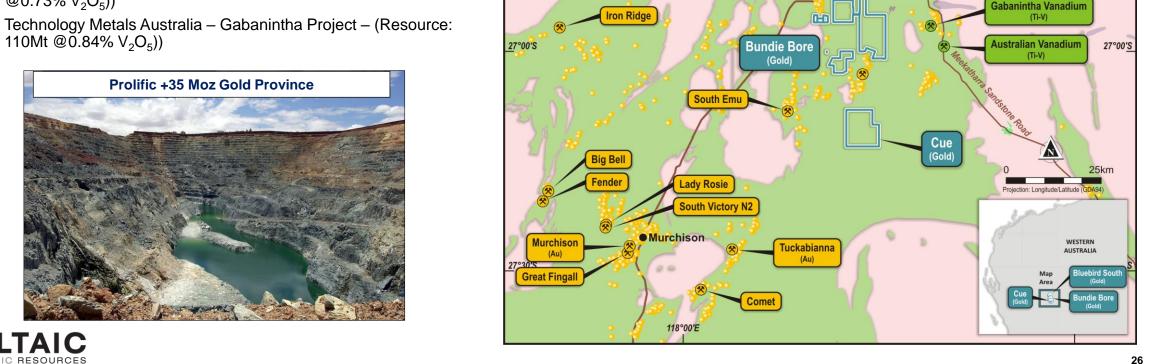
#### GOLD - PROLIFIC +35 Moz PROVINCE

- Westgold Bluebird (1.8 Mtpa) & Tuckabianna Mills (1.4 Mtpa) within trucking distance
- Paddys Flat, Bluebird, South Emu, Triton, Big Bell, Comet mines: +270 koz Au/a
- ~ 150km from Mt Magnet (60 Mt @1.69 g/t Au) & Murchison Gold Mines (89 Mt @2.18 g/t Au)

#### VANADIUM-TITANIUM – EMERGING DISTRICT

- Australian Vanadium Namesake Project (Resource: 239Mt  $@0.73\% V_2O_5))$
- 110Mt @ $0.84\% V_2O_5$ ))





Voltaic Strategic Resources Granted Tenements Voltaic Strategic Resources

Youanmi Terrane Greenstones

Application Tenements

Yilgarn Craton Granties Yerrida Basin

Mine/Deposit (Commodity)

Gold Occurrence

Major Highway/Road



## **Highly Mineralised Neighbours**



#### - Westgold

- Bluebird (1.8 Mtpa) & Tuckabianna Mills (1.4 Mtpa) within trucking distance
- Paddys Flat, Bluebird, South Emu, Triton, Big Bell, Comet mines: +270 koz Au/a

#### - Monument Mining

- Burnakura Pit & Mill (381k oz Au historic Resource) ~ 2km from Bundie Bore
  - -Recent drilling: 4m @32g/t Au from 218m (including 1m @71.8g/t Au from 219m).
  - -Visible gold observed in RC chips (reference)

#### - Monument Mining / Odyssey Gold JV

- Recent bonanza Gold drill hits at Tuckanarra:
  - -4m @54 g/t Au from 124 m, 30 m below historical hole (10m @4.8 g/t) at historic Maybelle pit, which was mined in the early 1990s (<u>reference</u>)
  - -Visible gold observed in RC chips

VOLTAIC PROJECTS

Bluebird South

**Bundie Bore** 

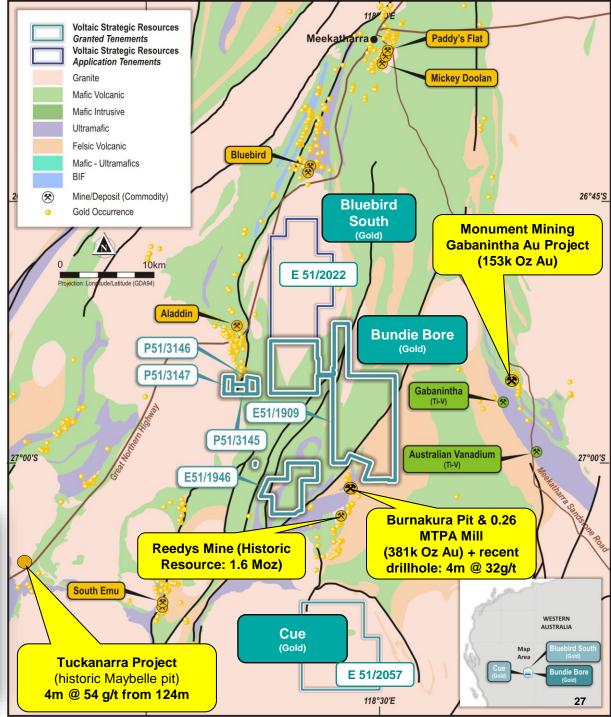
Cue













# NEVADA PROJECT







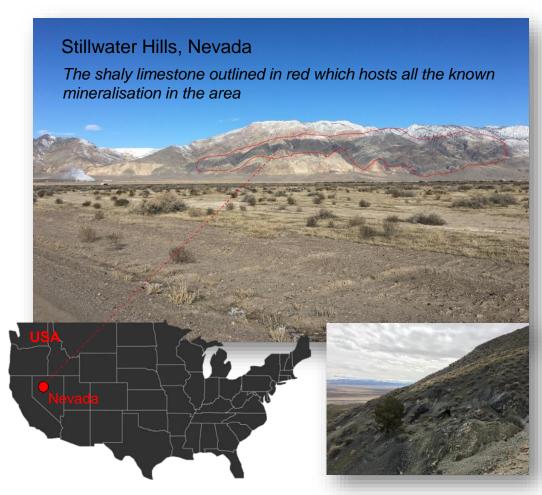




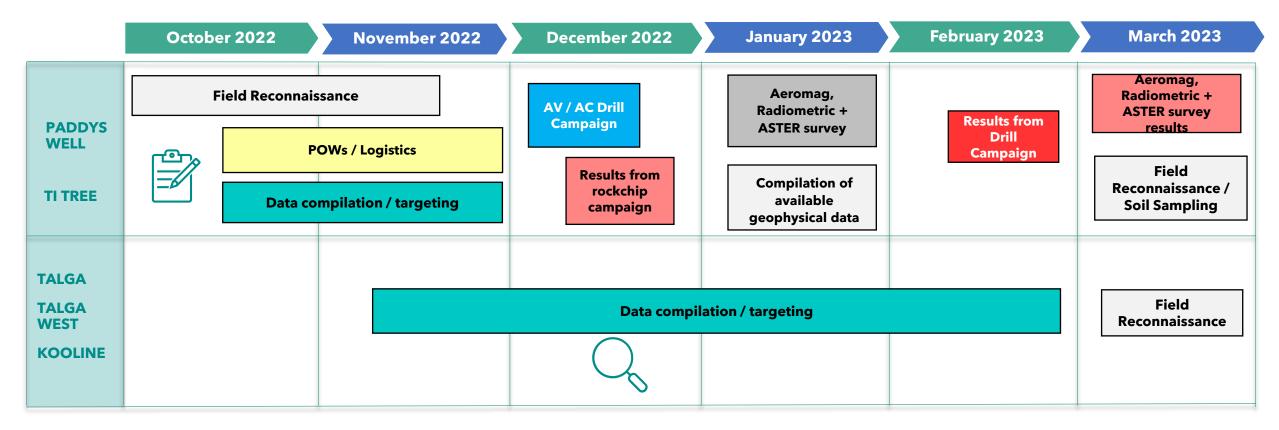


## Past-producing Co, Ni, Au, Ag, Pb region on the doorstep of Tesla's gigafactory in Nevada

- The Company pegged 860 acres (3.4 km²) of mineral claims in 2018 in the highly prospective Stillwater Hills, Nevada, including the historic Gilbert Nickel/Cobalt mine.
- Exploration targets were selected based on their proximity to a historical Cobalt mine (Lovelock) and based on three separate ground assessment programs that were carried out by VSR.
- The project area remains largely untested and is prospective for Ni, Cu, Co and Au. A 2019 testing program identified high Ni values with anomalous values of associated minerals.
- Neighbour Global Energy Metals Limited recently intersected Ni-Cu-Co mineralisation with phase one drilling at their Lovelock mine property (0.23% Ni, 0.64% Cu, 0.088% Co)
- The next phase of exploration will entail systematic field work and sampling of the limestone host rock and identification of offset prospective unpegged acreage.



## **GASCOYNE PROJECT - EXPLORATION TIMELINE**



#### **UPCOMING NEWSFLOW**



October 2022: Quarterly Activities and Cashflow Report

November 2022: Exploration Update – Talga / Talga West, Kooline, Meekatharra, Nevada projects

November 2022: Further updates from Gascoyne project field reconnaissance

December 2022: Update on further prospective external tenure with strategic synergy

December 2022: Update on planned drilling at Paddys Well / Ti Tree

December 2022: 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
  - Two prospective corridors identified at both
  - Extensive rockchip sampling campaign completed
  - Several outcropping ironstones and pegmatites found
- ✓ Exposure to booming battery metals markets
- ✓ World's most investible jurisdictions (WA & Nevada)\*
- ✓ Large landholding in under-explored areas
- ✓ Close to / along strike from recent discoveries
- ✓ Low valuation entry point (2¢/share listing price, low EV)





raser Institute Annual Survey 2021 (jurisdiction investment attractiveness)

<sup>#1</sup> Western Australia:

 <sup>#3</sup> Nevada, USA



#### **CONTACT**

#### John Hannaford

+61 (08) 6245 9821 John.Hannaford@VoltaicResources.com

#### Michael Walshe

+61 (08) 6245 9821 Michael.Walshe@VoltaicResources.com

#### **WEB/MEDIA**







www.VoltaicResources.com

Voltaic VSR

voltaic-strategic-resources