

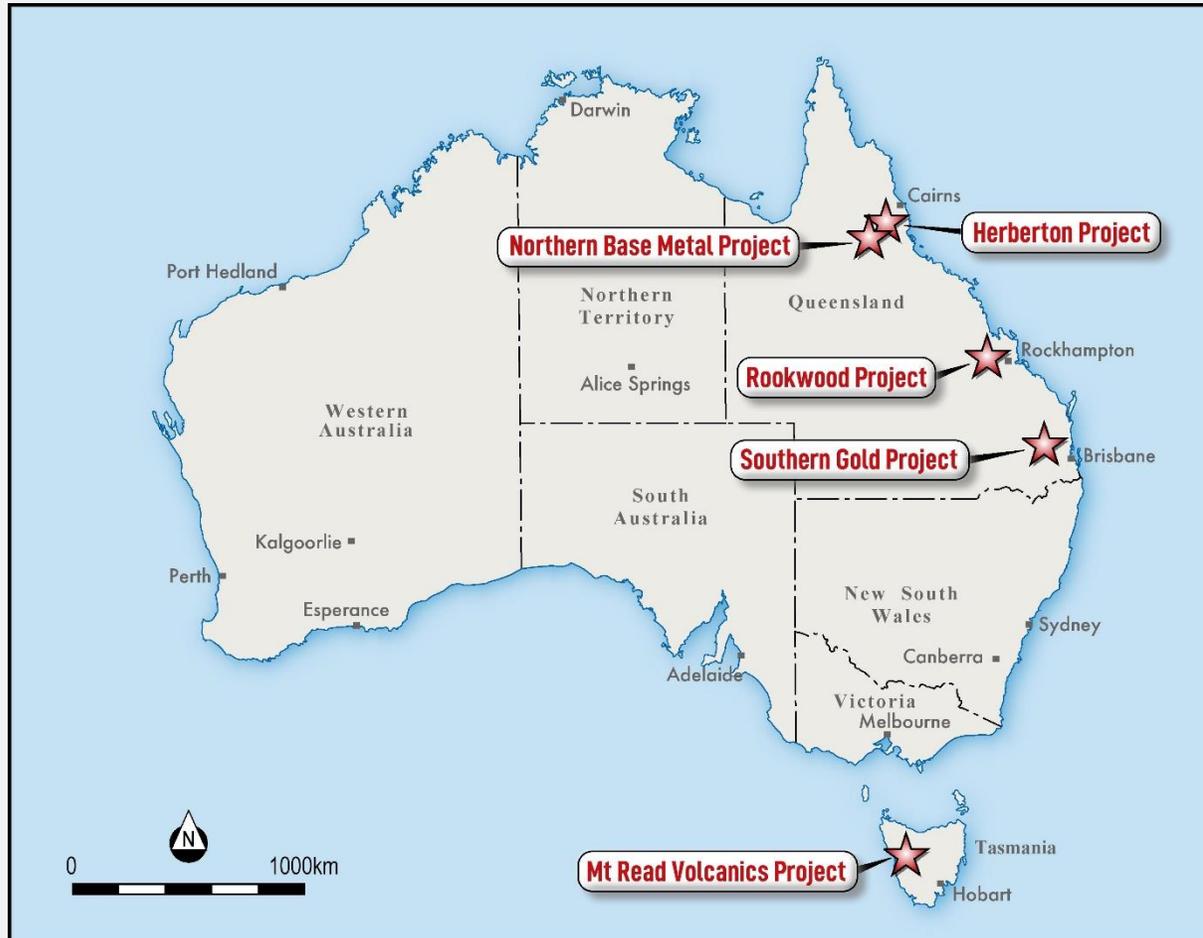


**FOCUSSED ON DISCOVERY AND  
SUPPLY OF CRITICAL RAW  
MATERIALS & METALS NECESSARY  
FOR A CLEAN ENERGY FUTURE**

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## Building a platform for growth



## KEY POINTS

- Iltani is an ASX listed company focused on the base metals and critical raw materials required to create a zero emissions future
- Iltani has built an outstanding portfolio of advanced exploration projects with multiple high quality, drill-ready targets
- Successfully listed on the ASX in June 2023 – raising \$5m to fund an aggressive exploration program
- Exploration is underway at our exciting Herberton Project, which hosts what we believe to be one of Australia’s best silver exploration targets with significant critical minerals (indium & antimony) exposure
- We aim to deliver outstanding results from exploring our exciting project portfolio, building a platform for growth, enabling Iltani to deliver material returns to our shareholders

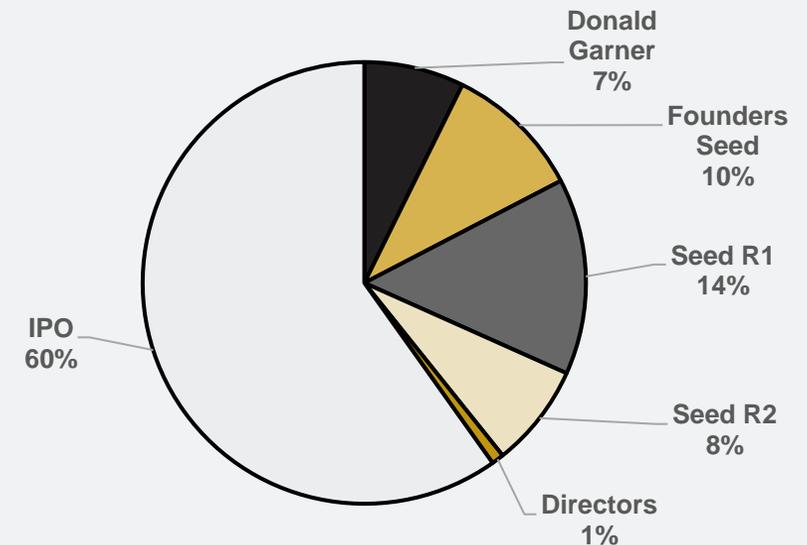
# CORPORATE OVERVIEW

## Management Team

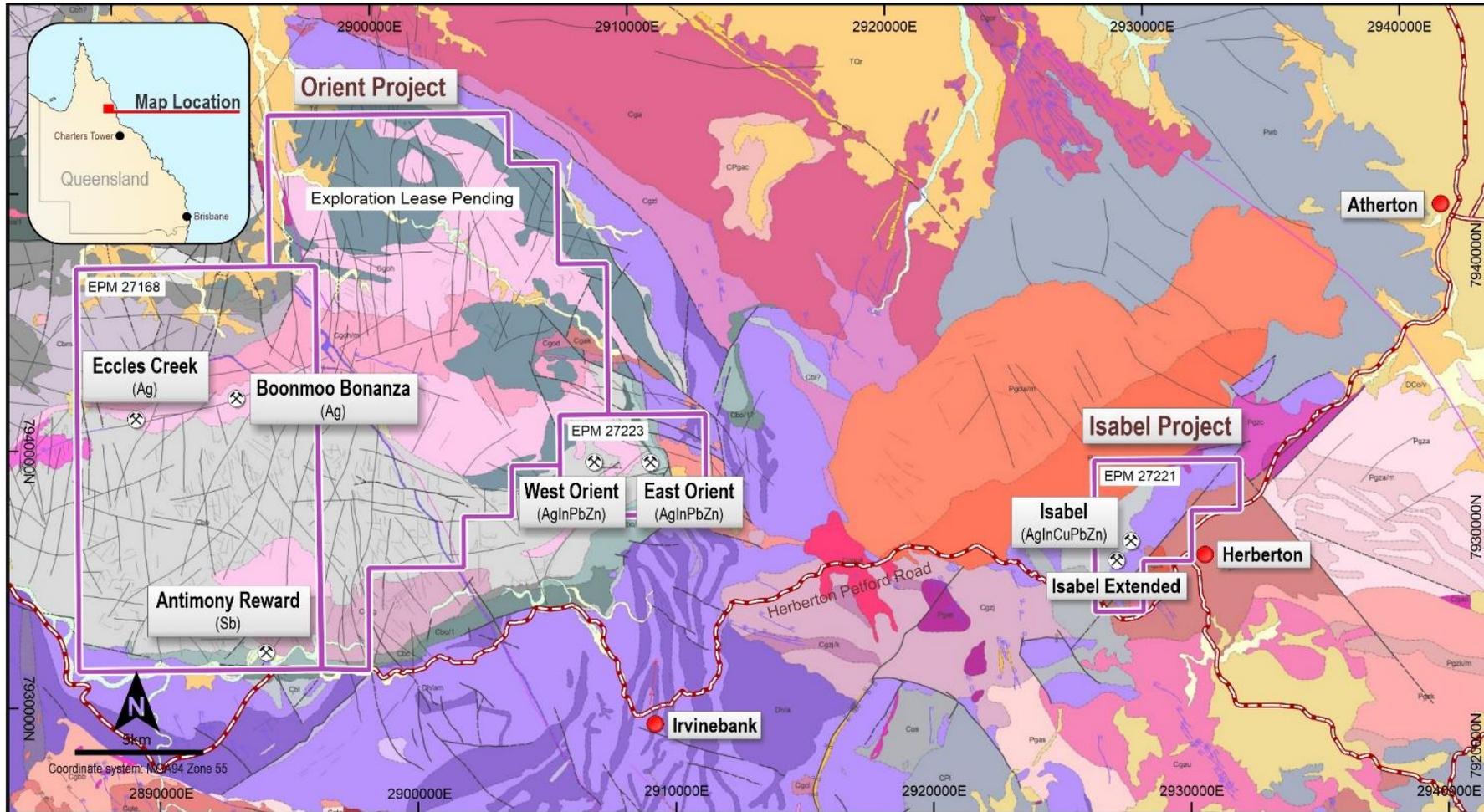
<b>Anthony Reilly</b>	<b>Non-Executive Chairman</b>
30+ years in resources & corporate finance; MD & CEO of Felix Gold (FXG), former ED of Venturex Resources (2009 - 2021)	
<b>Donald Garner</b>	<b>Managing Director</b>
25+ years in resources & corporate finance; founder of Red River Resources (2014 - 2021)	
<b>Justin Mouchacca</b>	<b>Non-Executive Director &amp; Co Sec</b>
15+ years in public company responsibilities including corporate governance & financial reporting; Principal of JM Corporate Services	
<b>Bruce Gemmell</b>	<b>Technical Advisor</b>
30 years at University of Tasmania's Centre of Excellence in Ore Deposits and Exploration Science (CODES); specialist in mineralogy and geochemistry	

## Corporate Structure

<b>Offer Price</b>	<b>\$0.20</b>
<b>Shares on Issue</b>	<b>41.8m</b>
<b>Market Cap</b>	<b>\$8.4m</b>
<b>Unlisted Options</b>	<b>15.4m</b>
<b>Estimated Cash (post expenses)</b>	<b>\$4.7m</b>
<b>Enterprise Value</b>	<b>~\$3.6m</b>

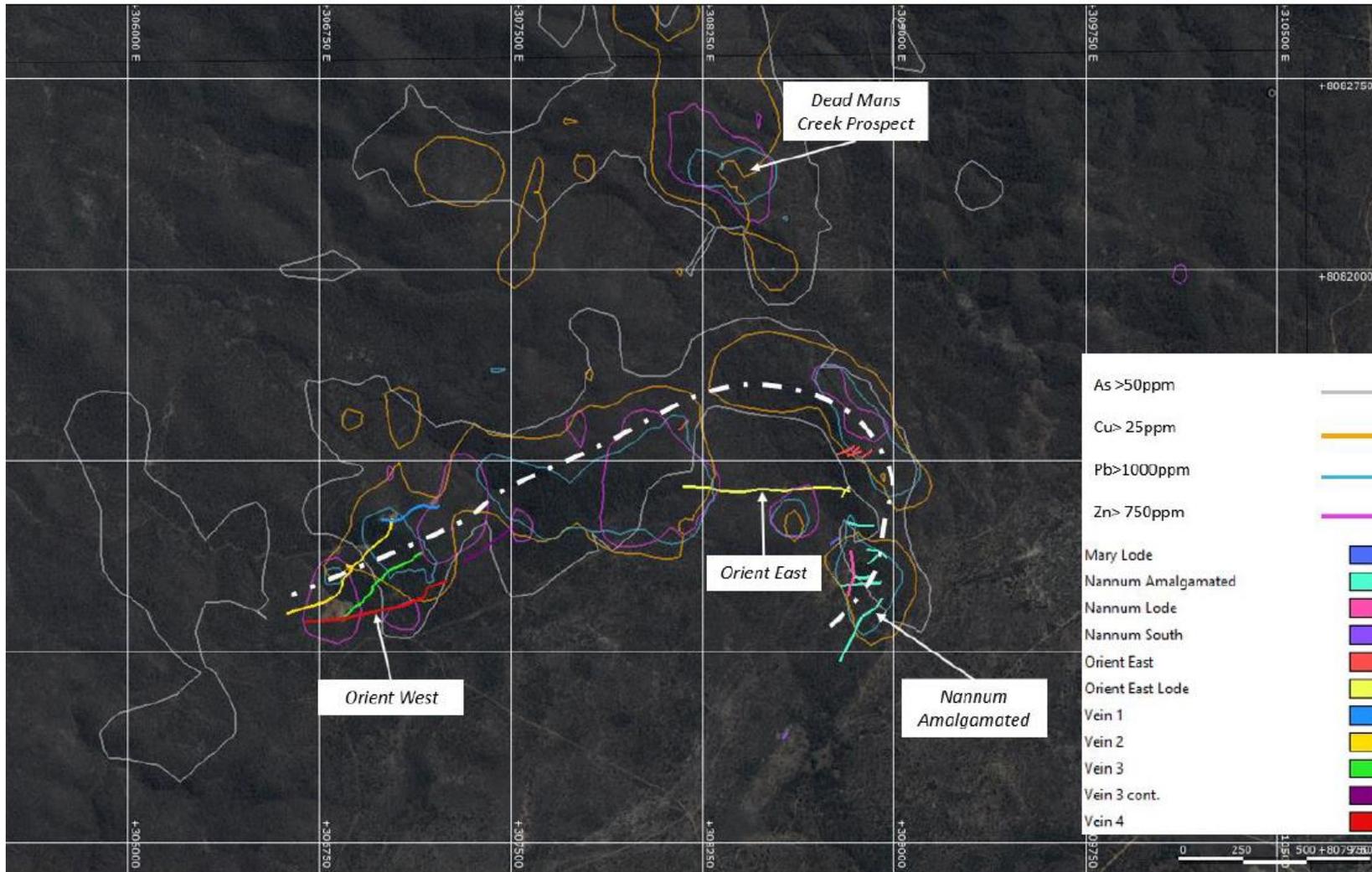


# HERBERTON PROJECT, QLD



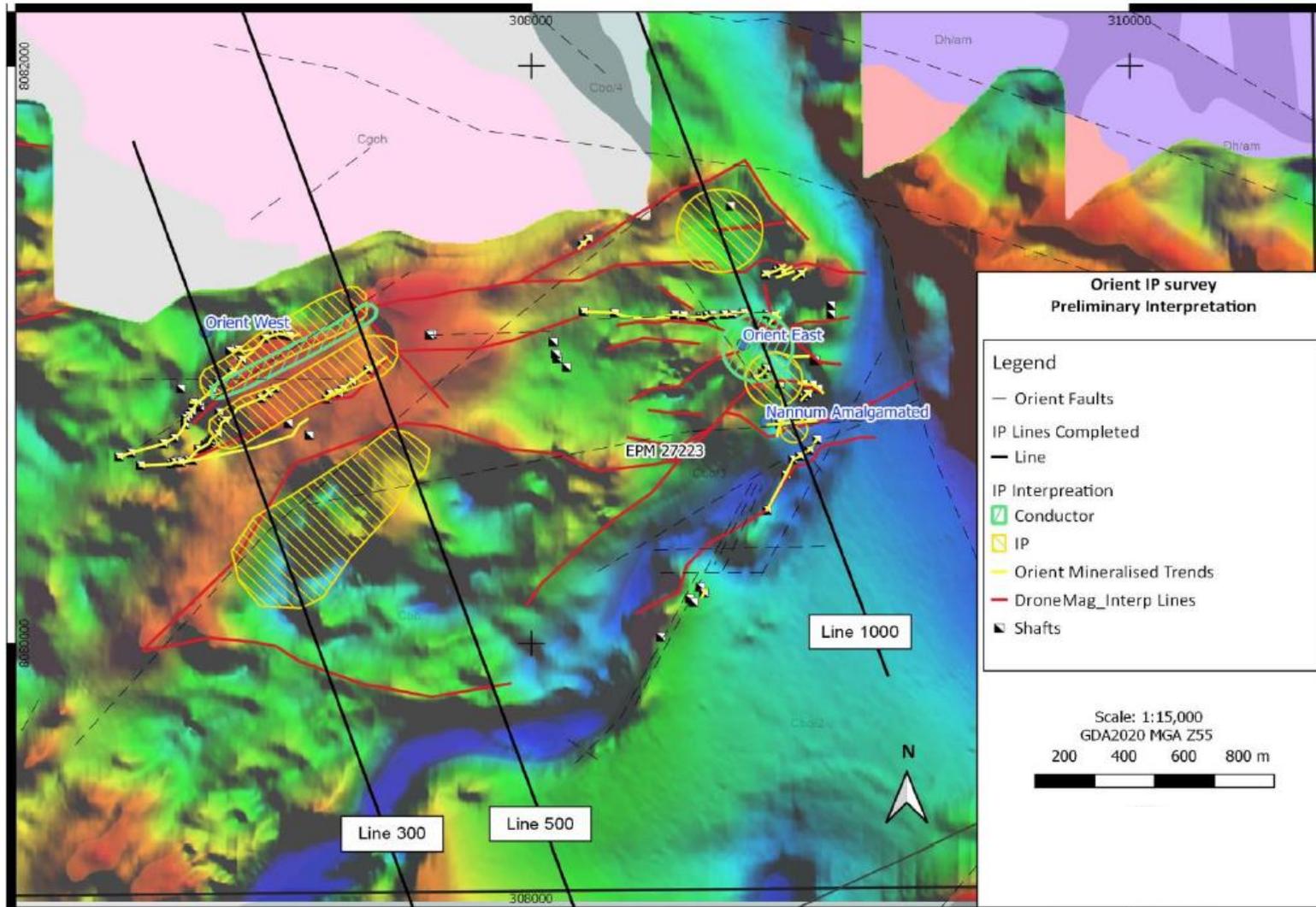
- Herberton Project covers 300km<sup>2</sup> across four permits in Northern QLD
- Multiple high priority targets including Orient (West & East), Isabel & Isabel Extended, Antimony Reward, Eccles Creek and Boonmoo Bonanza
- Less than 100km from Mt Garnet Mill (500ktpa CuPbZn processing plant on C&M) - represents potential future processing option

# EXTENSIVE SILVER RICH SYSTEM AT ORIENT



- Orient is an extensive **precious metal-rich epithermal system**
- **Multiple vein systems (>10) with a total strike length of 3 to 5km**
- Hosts **high grade zinc-lead-silver-indium-antimony mineralisation** plus extensive stockwork mineralisation associated with a strongly faulted and deeply fractured zone near the margin of a major caldera subsidence structure
- Mined from 1886 to 1924, with extensive (>100) historical workings
- Historic non-JORC resource (1989) estimated for Vein 2 and Vein 3 at Orient West
- Last drilled in 1988

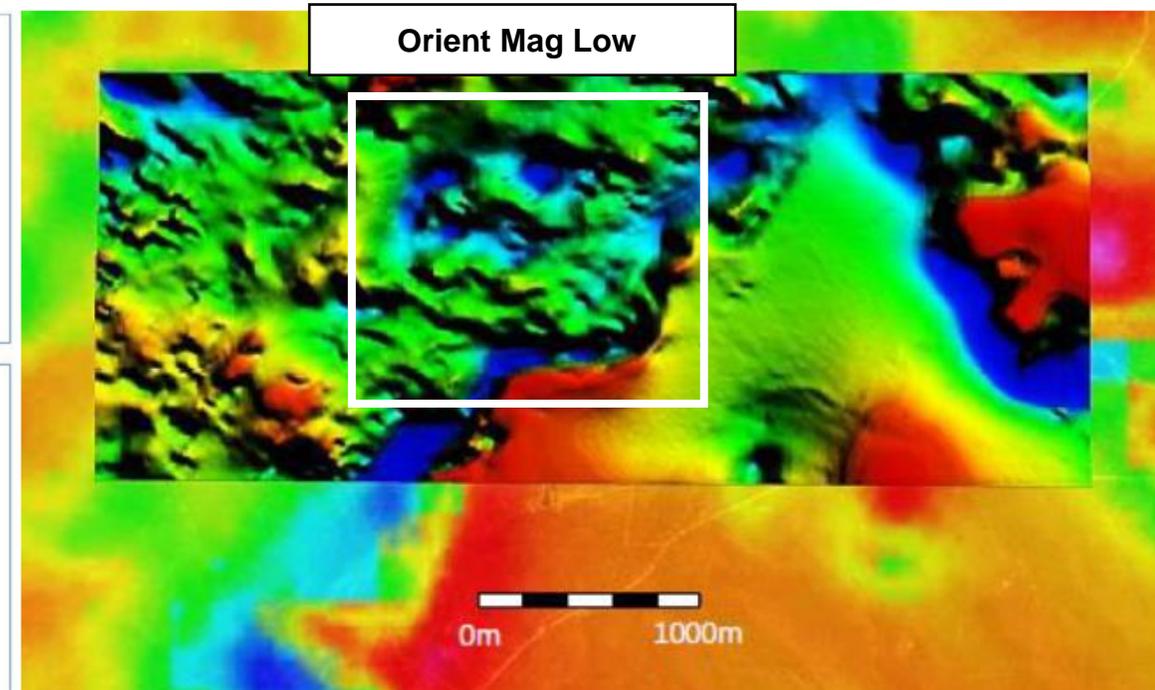
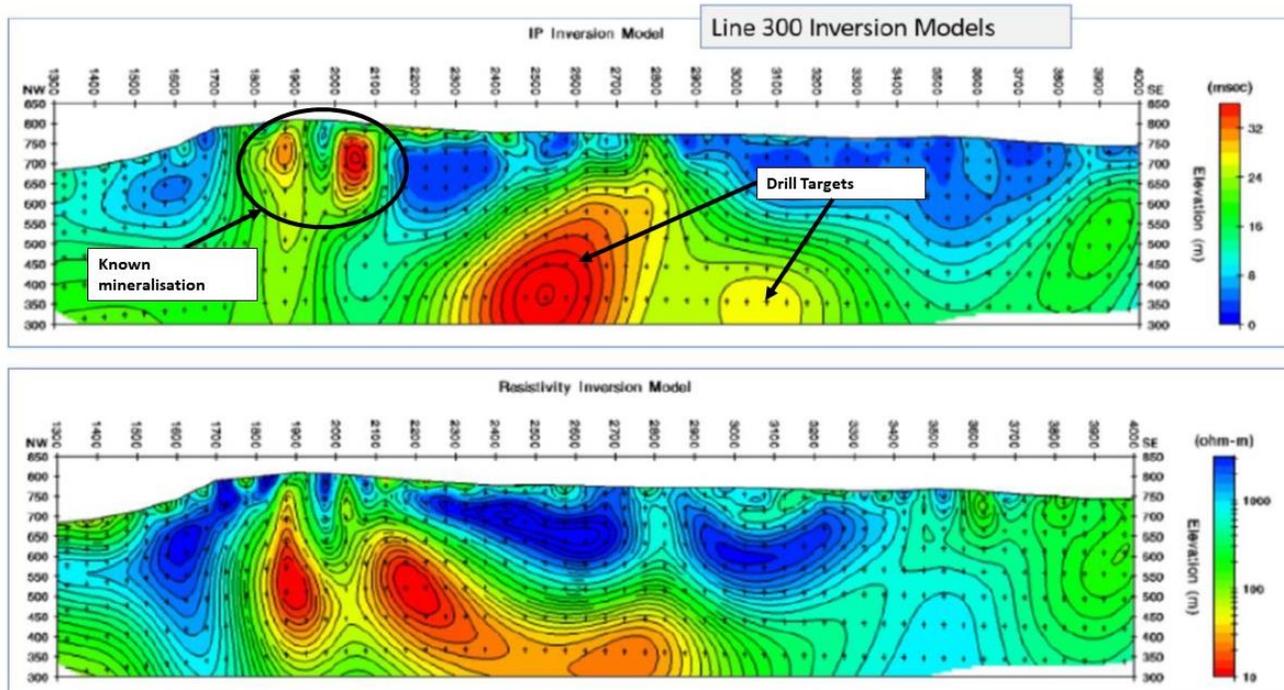
# ORIENT GEOPHYSICAL SURVEY



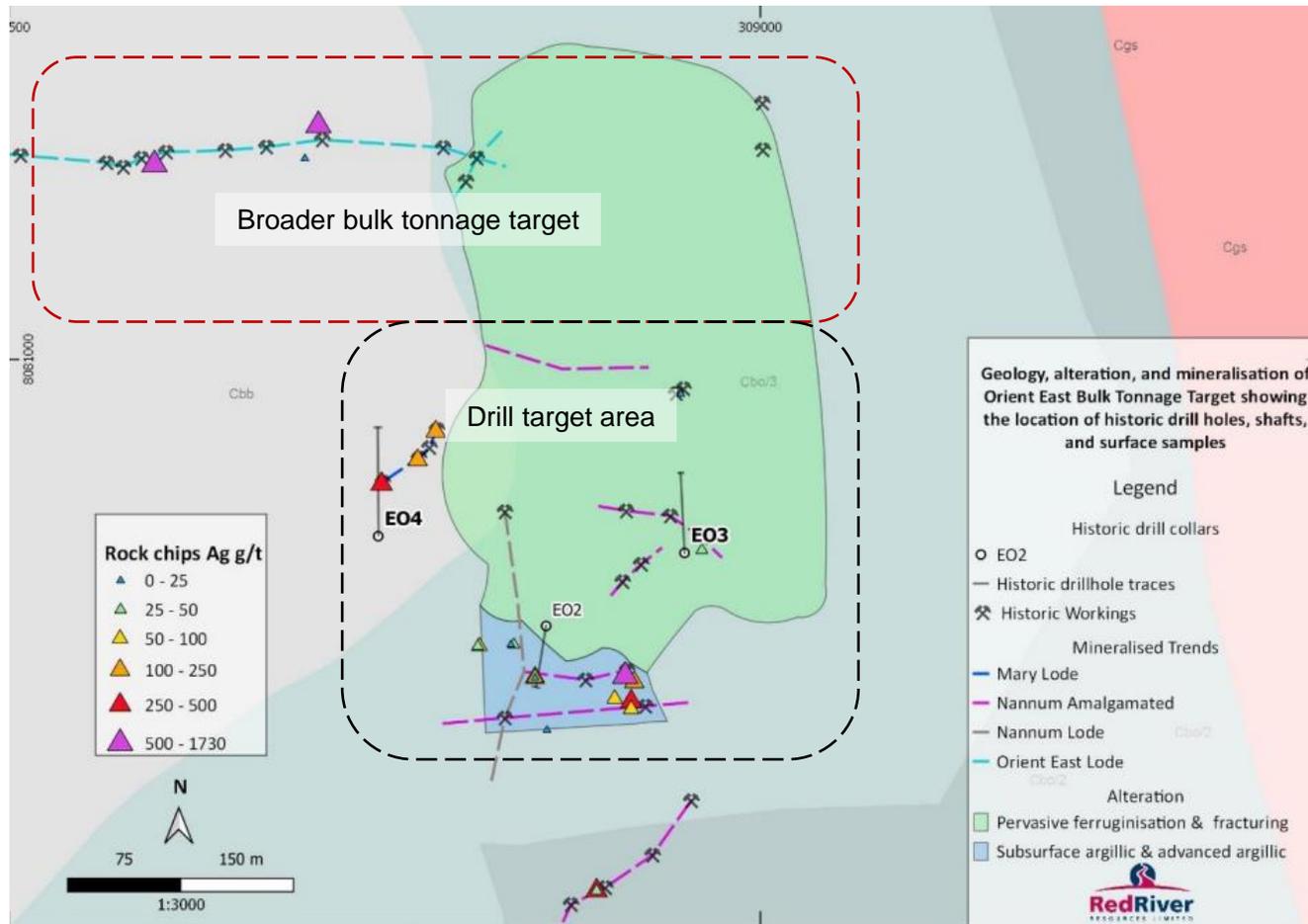
- Recent geophysical exploration carried out in 2021 generated outstanding results
- Drone magnetic survey plus three lines of induced polarisation (IP) completed
- Drone magnetic survey highlighted multiple known mineralised trends**
- Indicated potential for an intrusive system at depth under Orient**
- IP survey identified multiple target anomalies – confirmed that known mineralisation responds well to IP**
- We plan to infill and extend historic IP program
  - Infill between Line 500 and Line 1000
  - Extend to West and East
  - Extend North

# ORIENT PROJECT – DEEP INTRUSIVE TARGET

- Survey highlighted a magnetic low ('eye') at Orient – indicative of a potential intrusive at depth
- Induced Polarisation (IP) survey lines completed across eye feature delivered outstanding results – an extensive IP anomaly associated with a large-scale conductor
- Subsurface intrusive could contain porphyry-like alteration/mineralisation, and likely acted as the heat source for the hydrothermal convection that produced the vein systems at Orient
- Chargeabilities in porphyry systems generally reflect sulphide (pyrite, chalcopyrite, bornite) concentration. Higher chargeability = higher sulphide concentration. Porphyry systems are generally resistivity lows due to clay alteration and sulphide veining.

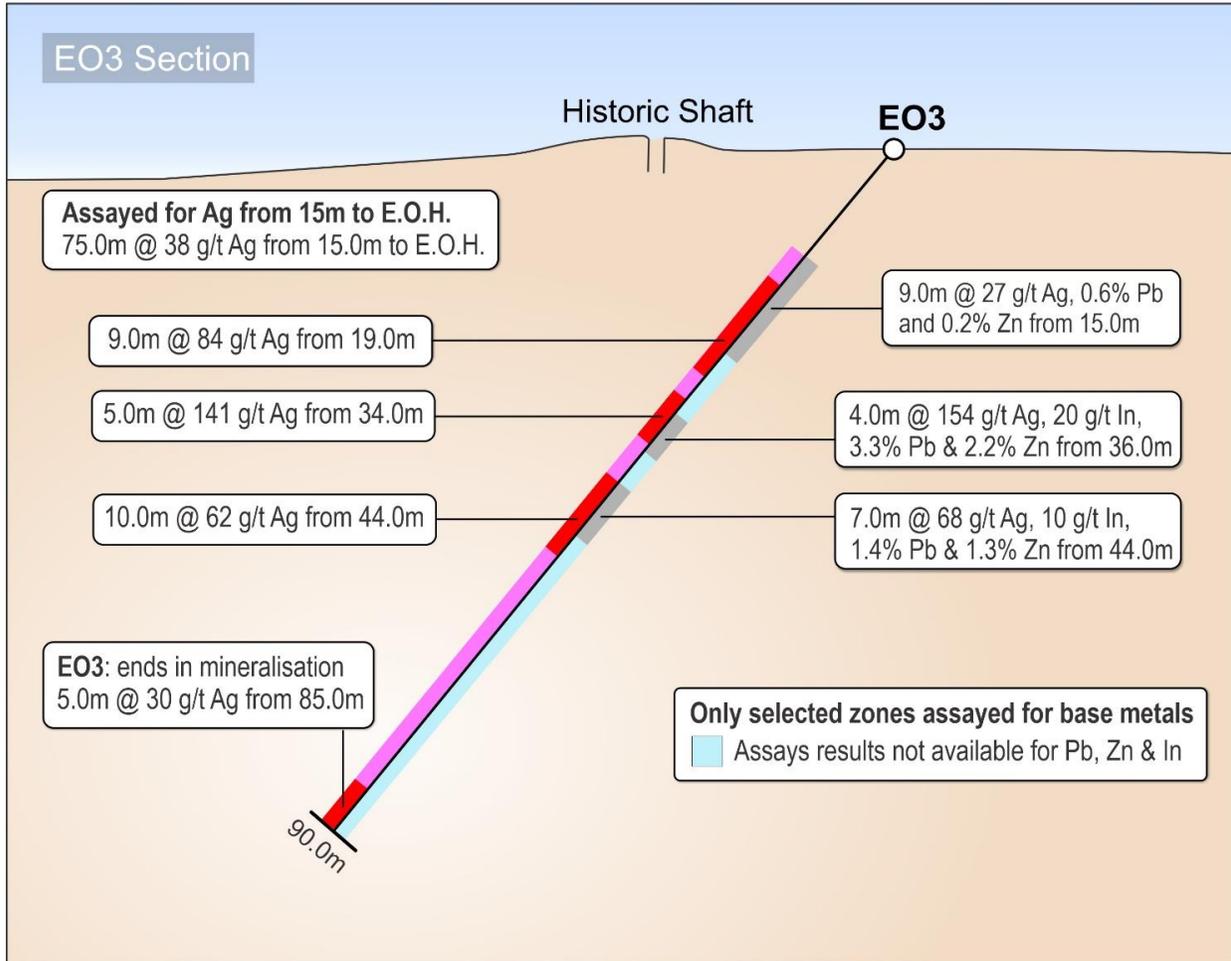


# ORIENT EAST BULK TONNAGE TARGET

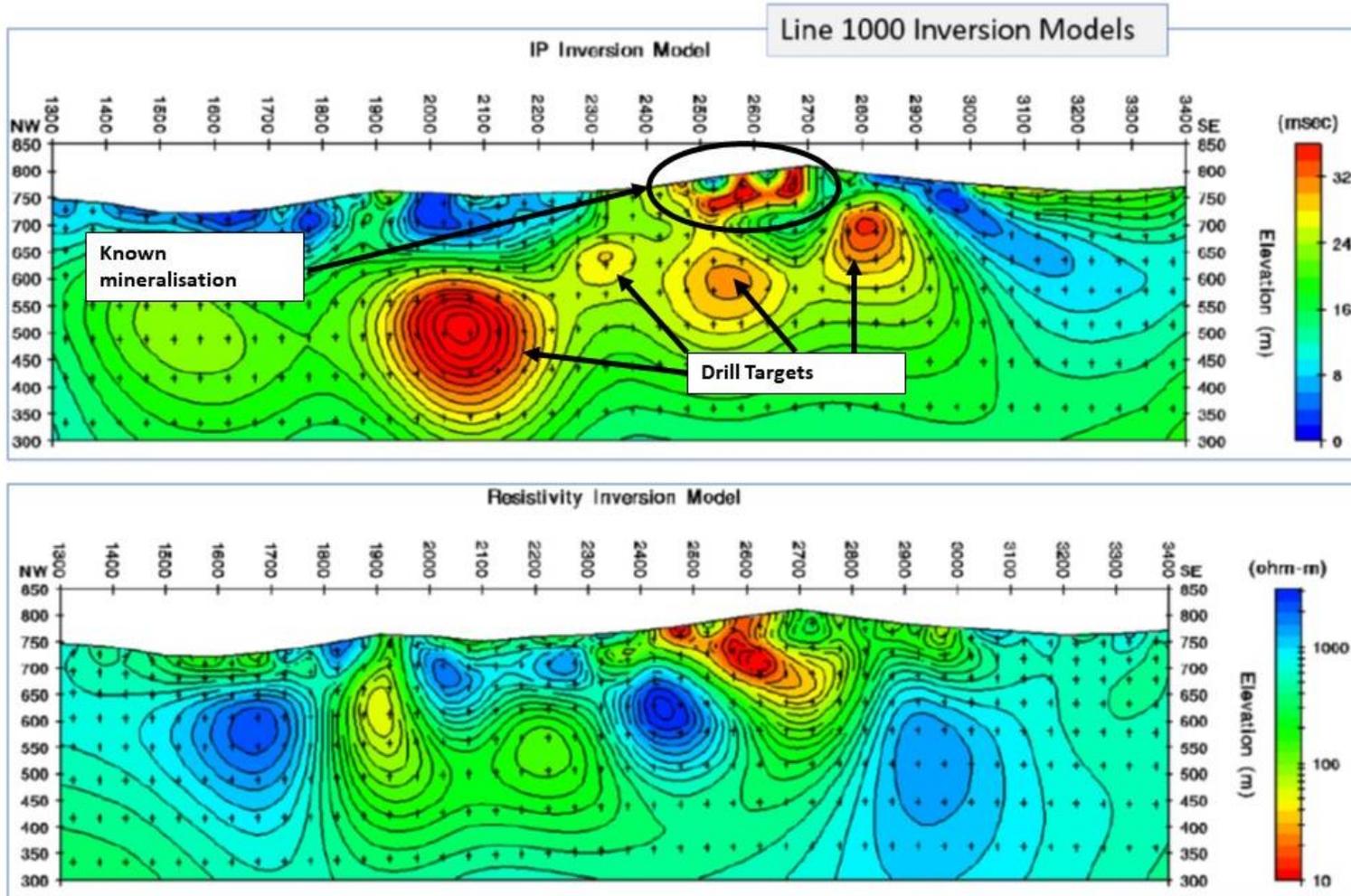


- Large 450m x 200m alteration zone with pervasive ferruginisation & fracturing coincident with Induced Polarisation (IP) chargeability anomaly & conductor
- Highly prospective for silver, zinc, lead & critical metals (indium & antimony)
- Multiple known vein systems intersect alteration zone with extensive historical workings targeting high-grade veins
- Most recent drilling consists of three holes drilled in 1988. Holes EO3 and EO4 delivered outstanding results:**
- EO3: Targeted a historic working in alteration zone**
  - 75m mineralised interval from 15m to 90m (EOH)
  - Multiple high-grade Ag-Pb-Zn intercepts
  - Partially assayed for base metals and indium
- EO4: Targeted an IP anomaly**
  - 34m mineralised interval from 61m to 95m
  - Intersected a sulphide rich interval from 61-72m
  - 3m @ 9.7% Zn, 3.8% Pb & 146 g/t Ag from 65m
  - 8m @ 41 g/t Ag from 87m

# ORIENT EAST DRILLHOLE EO3 (1988)



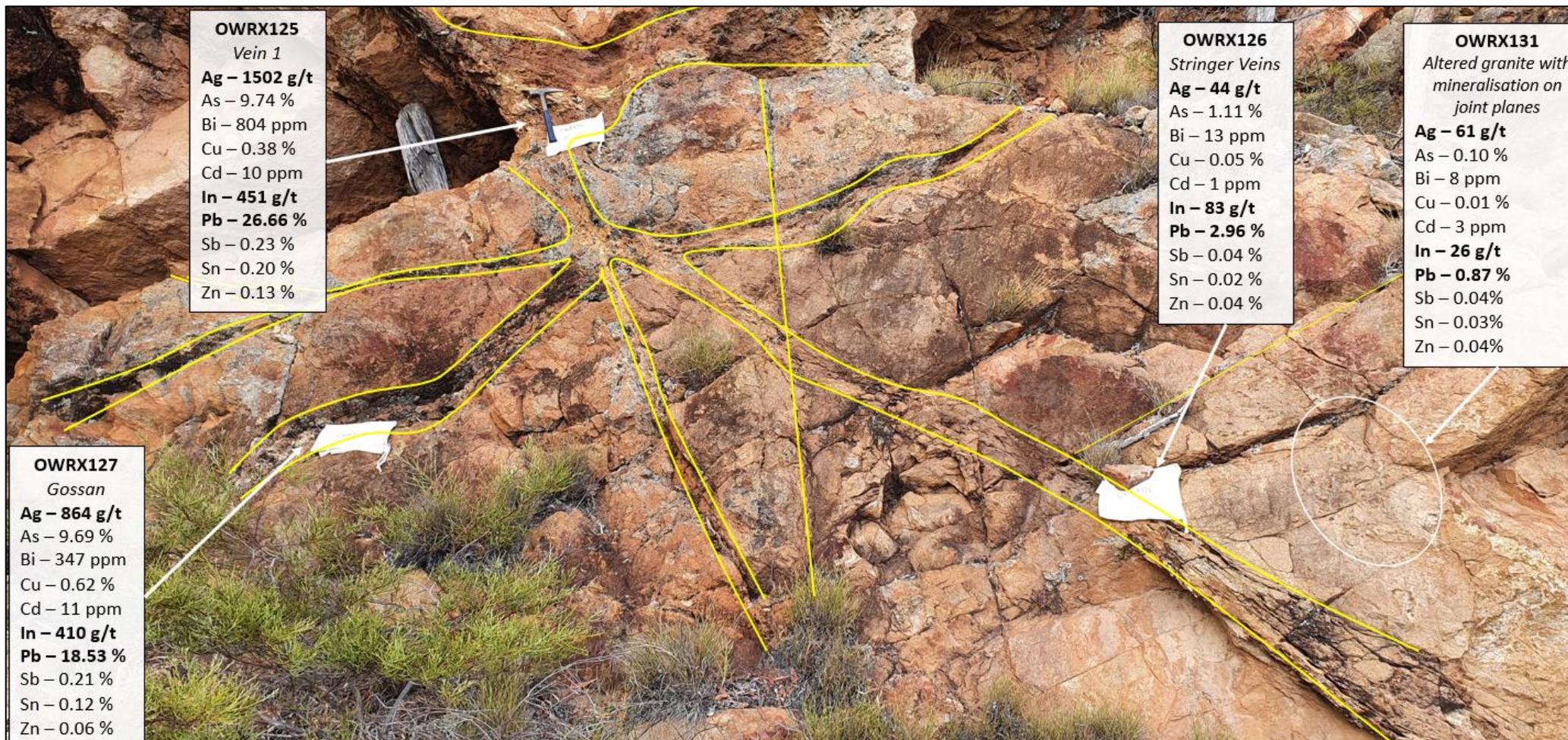
# ORIENT EAST GEOPHYSICAL SURVEY DATA



- IP survey shows strong near-surface chargeability associated with the known shallow surface mineralisation at Nannum and Orient East on Line 1000
- Responses (Red) confirm mineralisation at Orient East has a chargeable response, and that IP is suitable to map the mineralisation
- This means that chargeability is highly likely to be associated with mineralisation
- **Multiple high priority IP anomaly drill targets**
- **Ilitani plans to infill lines to the east and west of Line 1000**

# ORIENT WEST BULK TONNAGE POTENTIAL

Heavily veined outcrop around workings on Vein 1 at Orient West which displays the bulk tonnage potential of the area



# HERBERTON PROJECT – INDIUM, ANTIMONY & COPPER

## Isabel

- **Australia's highest grade indium deposit**
- **High grade polymetallic (Zn-Pb-Cu) deposit plus significant silver and indium mineralisation**
- Last drilled in early 1970s – mining study completed in 1972 - open in multiple directions
- **Next steps** – Complete 3D model of deposit & design drilling program to target deposit extensions

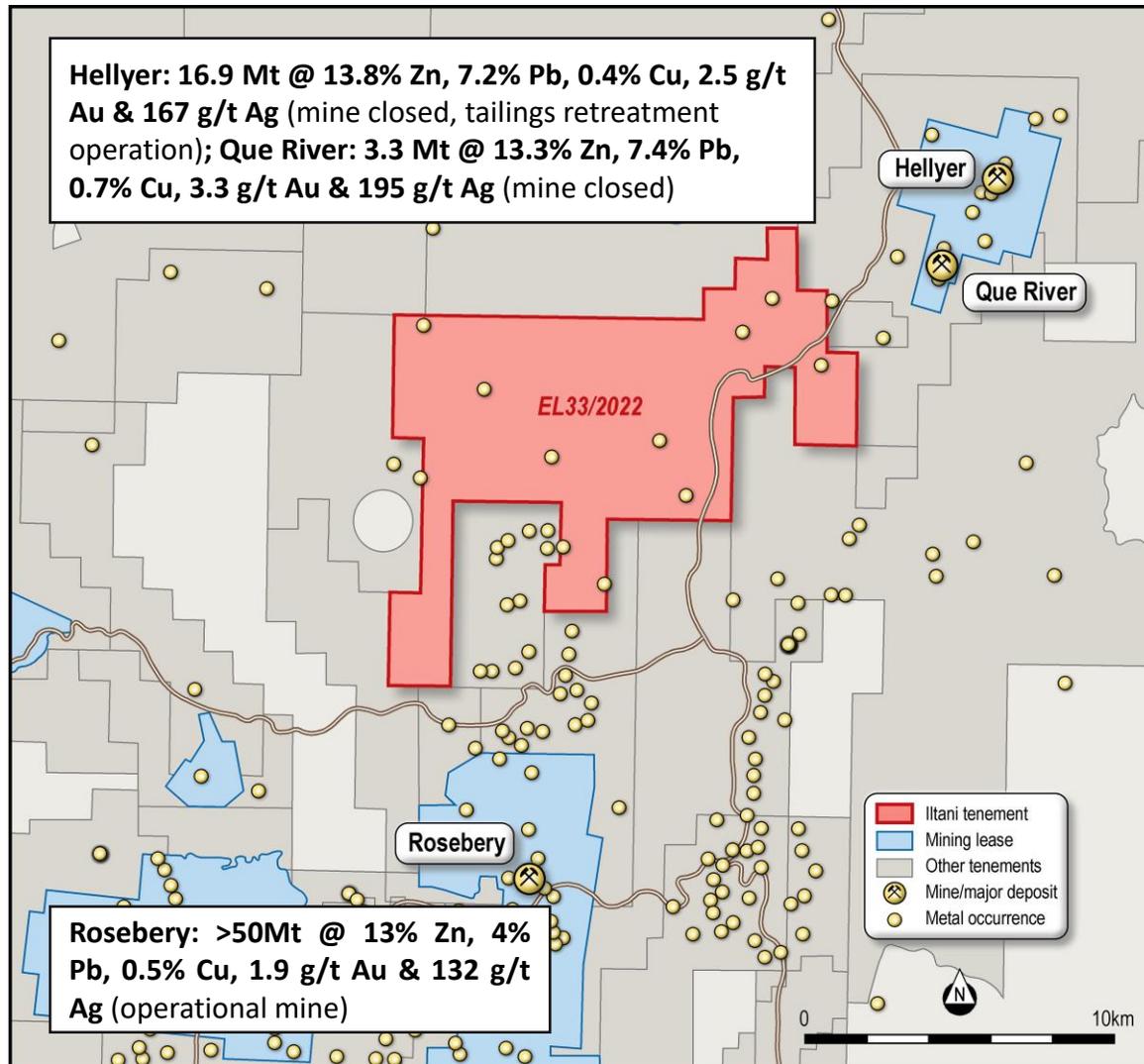
## Isabel Extended

- **High grade massive sulphide (Cu-Pb-Zn) target – follow up historical drilling**
- Exploration in early 1970s and 1980s included soil geochemistry, gossan chip sampling, geophysics (IP, EM and Mise-a-la-Masse (MALM), geological mapping and diamond drilling
- High grade copper mineralisation discovered in MIED1: **1.45m @ 3.1% Cu from 177.2m & 7.25m @ 3.3% Cu from 182.13m**
- High grade CuPbZn mineralisation in MIED3: **2.55m @ 2.0% Cu, 1.0% Pb, 13.2% Zn, 1.1% Sn & 409 g/t Ag from 91.08m**
- **Next steps** – Compile historical exploration data; drill plan to follow-up high-grade intersections and expand known mineralisation

## Antimony Reward

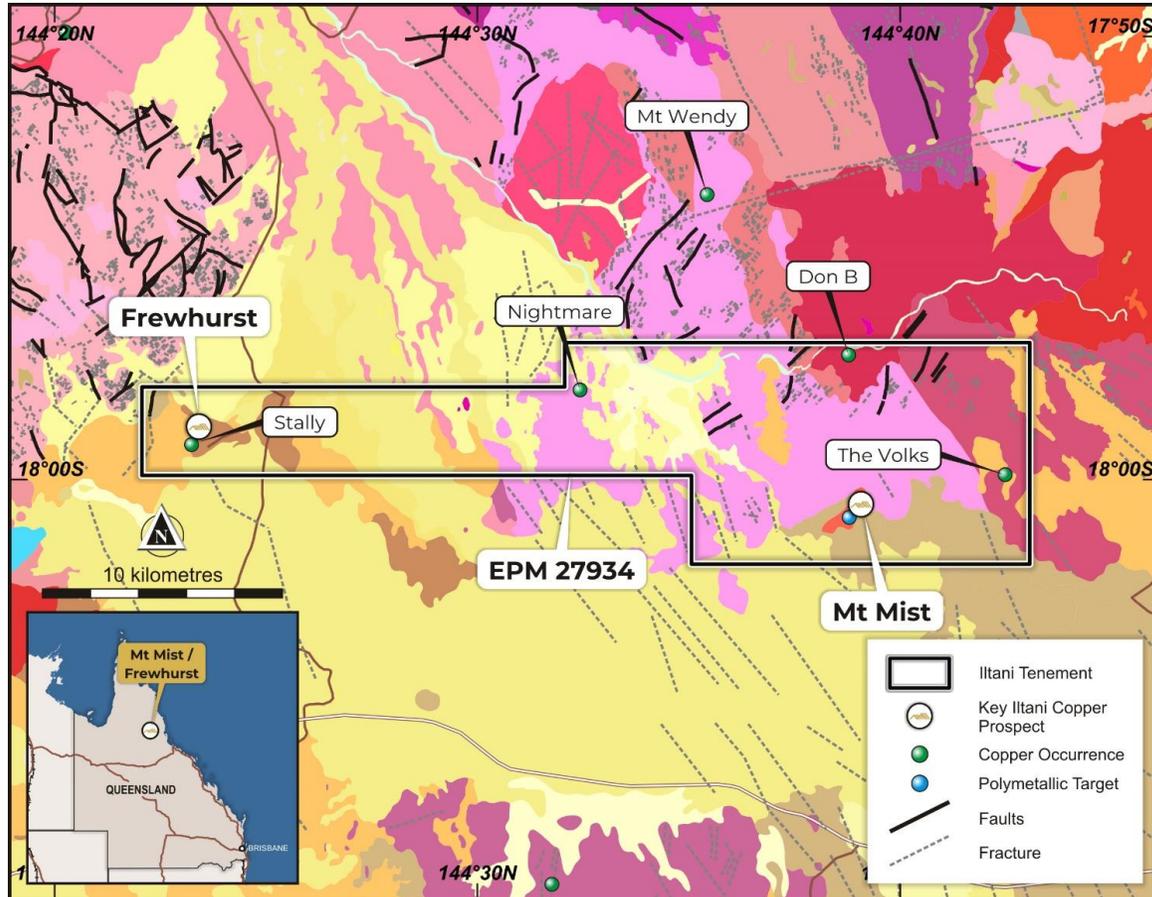
- High grade antimony vein system – last drilled in 2008 (10 hole RC program). Highlights included:
  - **ARRC006: 3.0m @ 3.49% Sb from 62.0m**
  - **ARRC010: 12.0m @ 2.73% Sb from 29.0m**
  - **ARRC012: 5.0m @ 3.21% Sb from 19.0m**
- System is open at depth and strike
- **Next steps** – Complete 3D model of deposit & design drilling program to target deposit extensions

# MOUNT READ PROJECT, TASMANIA



- The Mt Read Volcanic (MRV) Belt in western Tasmania hosts multiple world-class polymetallic ore bodies including the world class Rosebery, Hellyer and Mount Lyell deposits
- Iltani lodged ELA33/2022 targeting a highly prospective block (99km<sup>2</sup>) of the MRV Belt
- ELA33/2022 controls the ground between the world-class **Rosebery** and **Hellyer/Que River VHMS deposits**
- ELA33/2022 hosts **multiple known occurrences of mineralisation plus alteration zones**
- High priority targets include:
  - Hollway (**4.1m @ 11.1% Zn, 4.5% Pb and 68 g/t Ag** including **1.0m @ 34.6% Zn, 14.8% Pb and 235 g/t Ag**)
  - Boco - previous exploration has defined a 1km long **pyrite-sericite-quartz alteration zone**
- Iltani Advisor Bruce Gemmill, an expert on the MRV and associated mineralisation, is working to **generate new drill targets** and utilise advanced geophysical exploration techniques to **target blind massive sulphide deposits**
- **MMG commencing a 2-year accelerated drilling program at Rosebery, investing \$26m in FY23 to start – contiguous with Iltani application**

# NORTHERN BASE METAL PROJECT, QLD



## Mount Mist

- Sulphide rich (Broken Hill Type) deposit - discovery hole drilled by CRA in 1994, last drilled in 2010/2011
- Lens 1: Four drill intercepts including
  - 9m @ 1.2% Cu, 8.0% Pb, 12.6% Zn & 101 g/t Ag from 33m
- Lens 2: Four drill intercepts including
  - 22m @ 0.5% Cu, 3.1% Pb, 5.1% Zn & 52 g/t Ag from 93m
- Lens 1 & 2 open in all directions and potential for repetitions along strike
- **Drill ready – 1,375m Stage 1 program plus 1,000-2,000m Stage 2 program design completed**

## Frewhurst

- Multiple quartz sulphide vein systems hosted in granite
- Historical workings (4 shafts, 24 small pits) covering an area of 200m x 250m outcropping mineralisation
  - RC95FR9: 3m @ 5.8% Cu, 1.0% As & 136 g/t Ag from 31m
  - RC95FR1: 1m @ 1.7% Cu, 0.1% As & 24 g/t Ag from 49m
- No further exploration undertaken at site since 1995

# NEAR-TERM DRIVERS – FOCUS ON DRILLING

- **Strong news flow expected as we focus exploration – commencing at the Herberton Project**
- Plan to drill Orient post ASX listing, with a two stage program commencing in July 2023
- Follow up with drilling at Isabel/Isabel Ext., Antimony Reward (Herberton)
- Also plan to commence drilling at Mount Mist (Northern Base Metal Project) in first 12 months
- Target generation activities (mapping, sampling) at our other exciting projects (Mount Read Volcanics, Rookwood)

Herberton (Orient)	DRILL	RESULTS	DRILL	RESULTS			
Herberton (Isabel/Isabel Extended)		DRILL	RESULTS				
Herberton (Antimony Reward)				DRILL	RESULTS		
NBM (Mount Mist)					DRILL	RESULTS	
	23 Q3	23 Q4	24 Q1	24 Q2	24 Q3	24 Q4	25 Q1

# PLATFORM FOR GROWTH & VALUE CREATION

Shareholder value creation through astute business growth – at the drill bit and in the boardroom



Focused on discovery and supply of metals and critical raw materials necessary for a clean energy future



Aiming to build a portfolio of operating assets coupled with a highly attractive project pipeline



Platform for a highly experienced management team – who have done it before and will do it again



Management team exceptionally connected in Australia and overseas – providing multiple acquisition opportunities



Portfolio of attractive exploration projects – advancing these will generate investor interest



Tight shareholder structure and attractively priced IPO – value for shareholders to join at ground level



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# COMPETENT PERSONS STATEMENT

- The information in this Presentation which relate to Exploration Results is based on, and fairly represents, information compiled by Mr Michael Conan-Davies, a member of the Australasian Institute of Mining and Metallurgy, with Competent Person endorsements in the disciplines of geology and management. The information in this Presentation which relate to historical estimates of mineralisation for the Isabel Deposit and West Orient Deposit fairly represents, information compiled by Mr Michael Conan-Davies, a member of the Australasian Institute of Mining and Metallurgy, with Competent Person endorsements in the disciplines of geology and management. Mr Michael Conan-Davies is a consultant for MCD Geo Pty Ltd. Mr Michael Conan-Davies has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the JORC Code. Mr Michael Conan-Davies consents to the inclusion in this Prospectus of the matters based on that information in the form and context in which it appears.
- Please see the Prospectus dated 5 May 2023 for further information regarding the Exploration Results and historical estimates of mineralisation.

# TENEMENT SCHEDULE

TENEMENT	SUB-BLOCKS	AREA KM2	LOCATION	PROJECT	STATUS	GRANT DATE	EXPIRY DATE	TERM
EPM 27168	40	120	QLD	Herberton*	Granted	20 Feb 2020	19 Feb 2025	5 Years
EPM 27221	6	18	QLD	Herberton*	Granted	14 April 2020	13 April 2025	5 Years
EPM 27223	6	18	QLD	Herberton*	Granted	31 March 2020	30 March 2025	5 Years
EPM 27731	49	147	QLD	Herberton*	Granted	3 August 2021	2 August 2026	5 Years
EPM 27934	69	207	QLD	Northern Base Metal	Granted	7 March 2022	6 March 2027	5 Years
EPM 27919	45	135	QLD	Rookwood 01	Granted	16 June 2022	15 June 2027	5 Years
EPM 27927	15	45	QLD	Rookwood 02	Granted	27 July 2021	26 July 2026	5 Years
EPM 27929	69	207	QLD	Rookwood 03	Granted	15 September 2022	14 September 2027	5 Years
EPM 27930	94	282	QLD	Rookwood 04	Granted	15 September 2022	14 September 2027	5 Years
EPM 27882	20	60	QLD	Southern Gold	Granted	27 Jan 2022	26 January 2027	5 Years
ELA33/2022		99	TAS	Mount Read Volcanics	Application Lodged	-	-	5 Years