



# AGM Presentation

26 November 2020

ersonal use only



## Disclaimer

The interpretations and conclusions reached in this presentation are based on current geological theory and the best evidence available to the authors at the time of writing. It is the nature of all scientific conclusions that they are founded on an assessment of probabilities and, however high these probabilities might be, they make no claim for complete certainty.

Any economic decisions that might be taken on the basis of interpretations or conclusions contained in this report will therefore carry an element of risk.

It should not be assumed that the reported Exploration Results will result, with further exploration, in the definition of a Mineral Resource.

ersonal use only



## Corporate

- **Tasman holds 624 million shares (33%) of the issued capital of Eden.**
- **Market value of Eden holding - \$16.9 million\***
- **Current Market Capital of Tasman - \$24 million\***
- **Tasman cash at bank - \$850,000\*.**

\* As at 25 November 2020.



# Tasman Project Locations

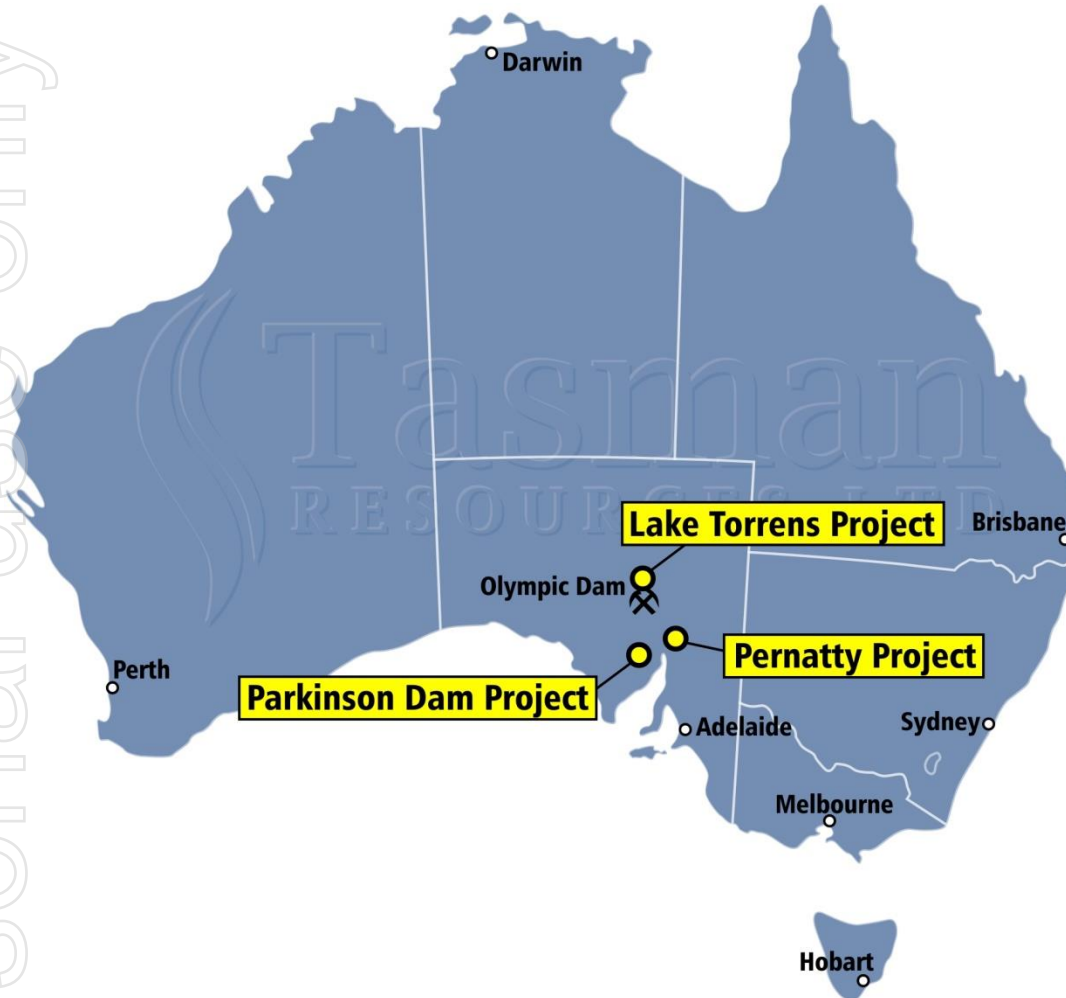
## Copper - Gold

Lake Torrens (1079 km<sup>2</sup>)

Pernatty (193 km<sup>2</sup>)

## Gold - Silver

Parkinson Dam (41 km<sup>2</sup>)





# Lake Torrens Project - EL6416

## Fortescue Joint Venture

- **Farm in and joint venture agreement with Fortescue Metals Group over Tasman's wholly owned EL 6416 (previously EL5499)**
- **Fortescue to initially earn a 51% interest in EL 6416 by sole funding A\$4 million plus GST on exploration expenditure within a 3 year period.**
- **Fortescue expenditure to date approx. \$1 million**



# Lake Torrens Project - EL6416

## Work Program

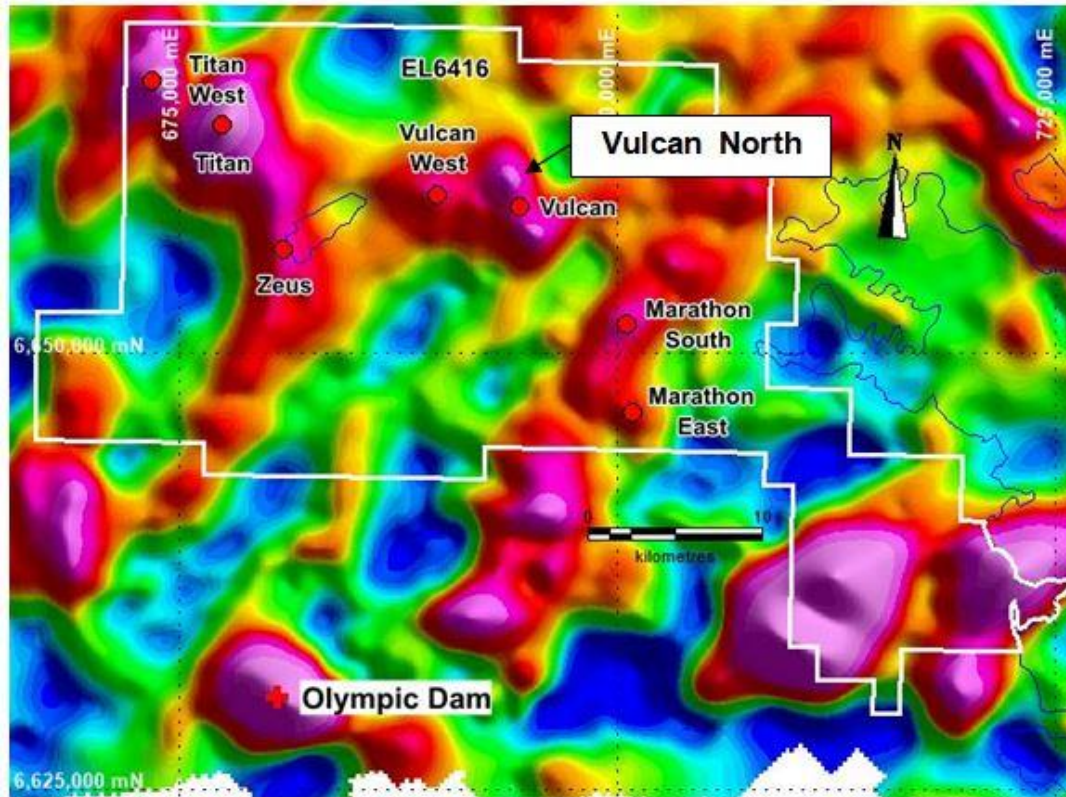
**Work completed by Fortescue has included:**

- review of historical exploration data
- re logging and selective re-assaying of drill holes
- hyperspectral analysis of selected Vulcan holes
- detailed magnetic susceptibility, specific gravity and conductivity data measurements
- gravity surveying
- development of comprehensive tenement wide geological model to aid drill hole targeting
- drilling program at Vulcan North in progress

# Lake Torrens Project - EL6416

## Fortescue Drilling Program

- First of 2 deep diamond holes to test Vulcan North targets commenced mid November 2020



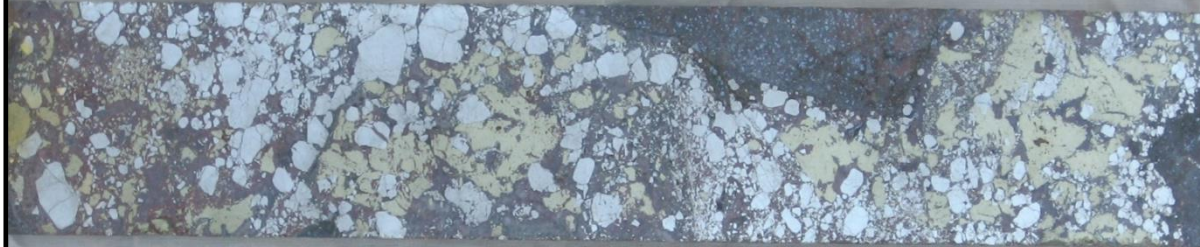
Regional residual gravity image over Tasman's Exploration Licence 6416, showing the location of Vulcan North, Olympic Dam and Tasman's other IOCG prospects (red dots) (GDA 94, MGA Zone 53).



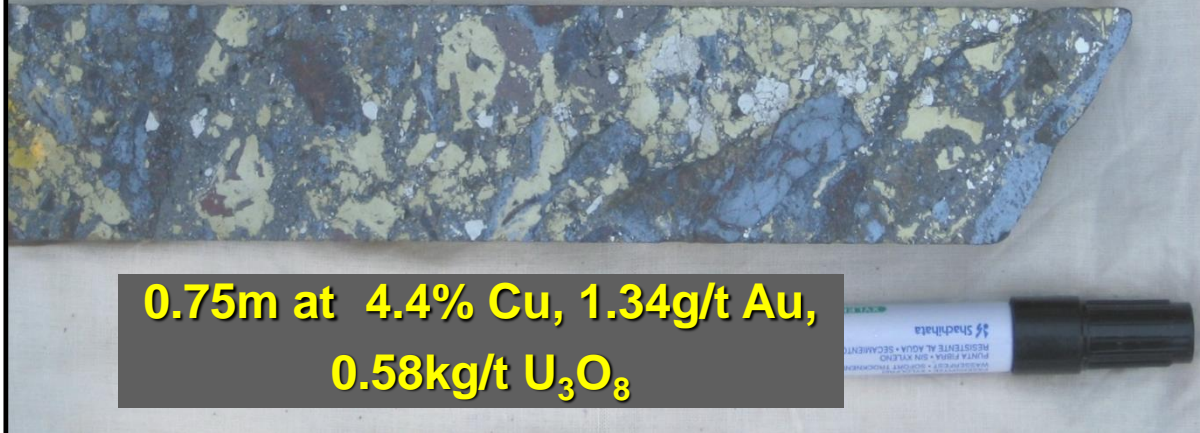
# Previous Tasman drilling at Vulcan North:

## VUD 3: High Grade IOCG (Cu - Au - U<sub>3</sub>O<sub>8</sub>) Mineralisation

**0.34m at 5.9% Cu, 2.23g/t Au**



**0.75m at 4.4% Cu, 1.34g/t Au,  
0.58kg/t U<sub>3</sub>O<sub>8</sub>**



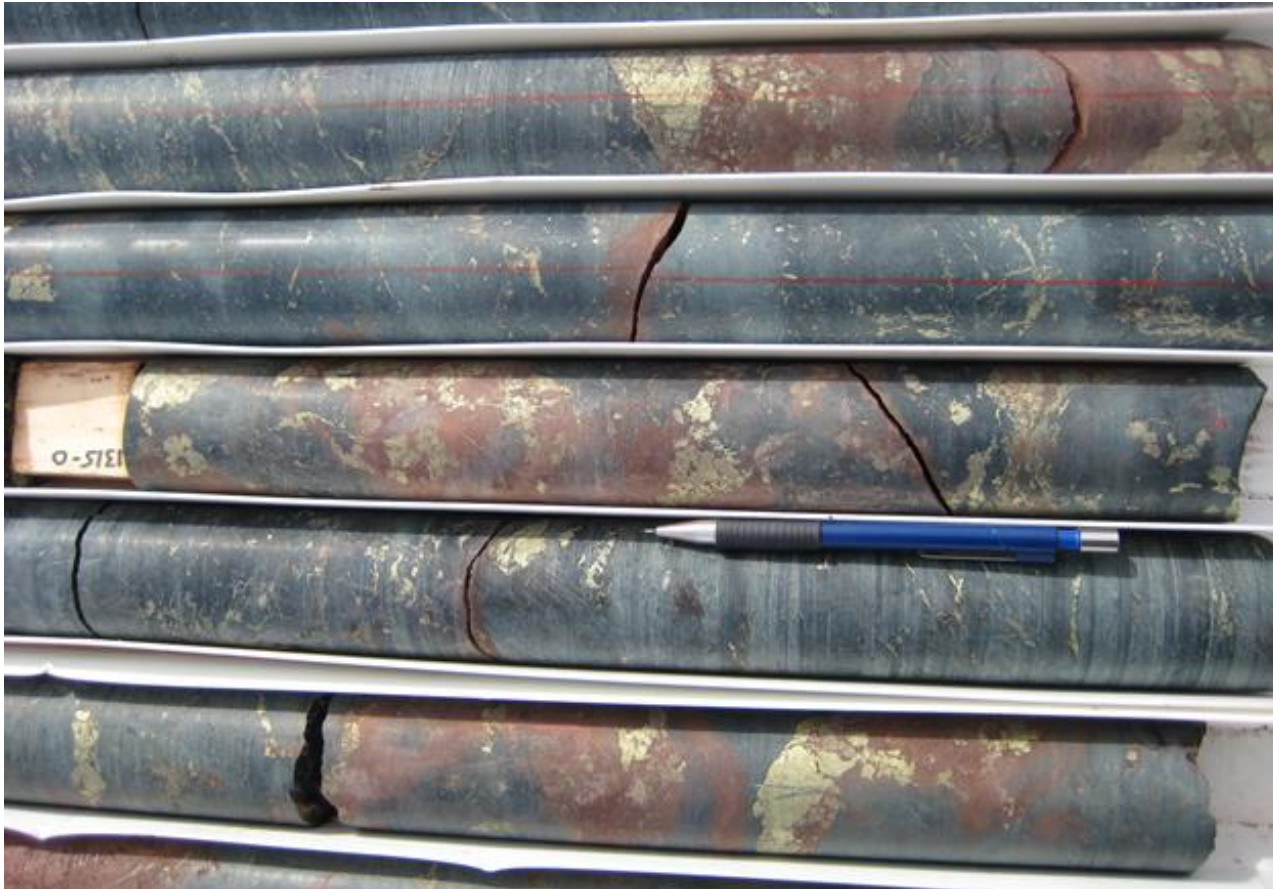
ersonal use only





# Previous Tasman drilling at Vulcan North:

## VUD15: IOCG Copper Mineralisation



ersonal use only

# Pernatty Project – EL6137

## Tasman 100%

**Drilling RC precollar  
in Southern Area**





# Pernatty Project

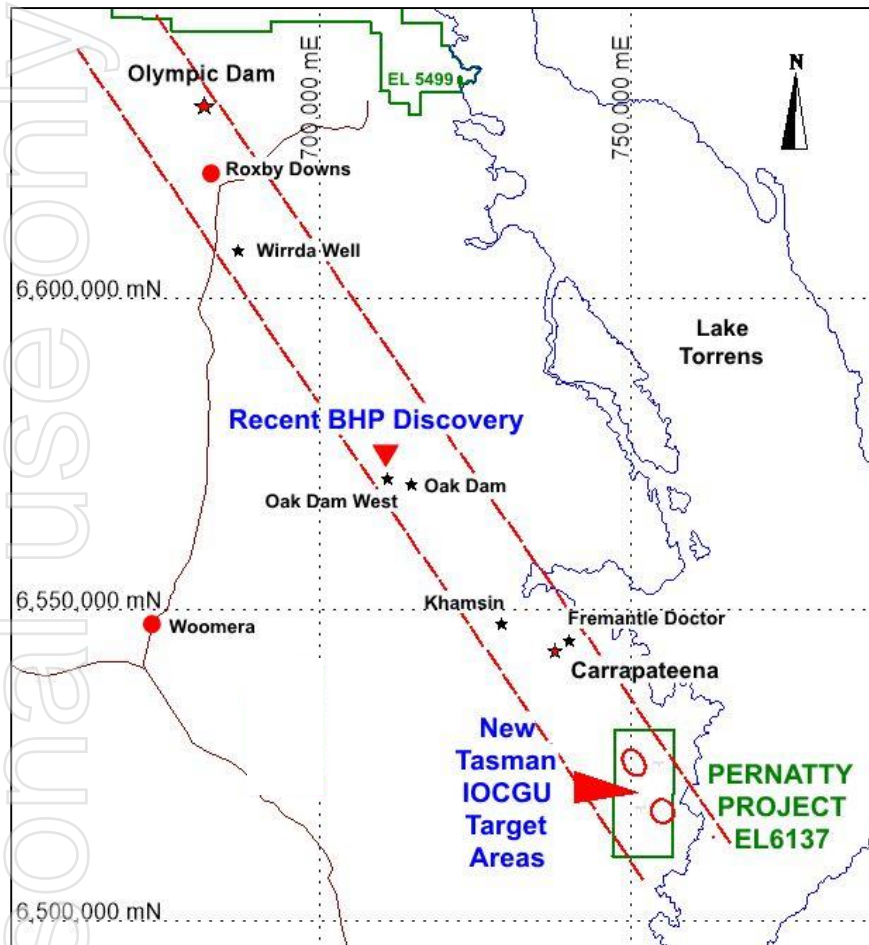
## Prospectivity

**Initial prospectivity identified by Tasman based on:**

- **regional geophysical data (magnetics and gravity)**
- **possibility of reasonable basement depth**
- **regional synthesis of IOCG systems by Tasman**
- **proximity to the Carrapateena IOCG deposit (20km)**
- **Mt Gunson Cu deposit 40km to west**
- **Punt Hill IOCG prospect 15km to SW**
- **no previous drilling within tenement area**

# Pernatty Project

## Location, Target Areas, Work Done



### Exploration completed to date:

- Gravity surveys in 2018 & 2019
- EM surveys over priority gravity & mag. target areas 2019
- Geophysical interpretation and modelling:
  - 3 coincident EM-gravity-mag. anomalies identified
  - A number of shallow standalone EM conductors identified
- Drilling program in progress





# Pernatty Project

## Proposed Follow Up Drilling to Test Copper Sulphide Potential

• Drilling commenced October 2020, to test the gravity-mag- EM anomalies and several steeply dipping conductors for economic Cu sulphides. Precollaring now complete, coring has commenced.

• Conductors identified - different from classic IOCG mineralization due to low gravity modelled Fe contents.

• Potential to host economic Cu sulphide mineralization in cover rocks and/or basement but applicable mineralisation models uncertain.

➤ Havieron deposit Patterson Province WA:

- Modelled as low % hematite + sulphides
- Intersections up to 13m @ 13g/t Au, 1.1% Cu from 705m

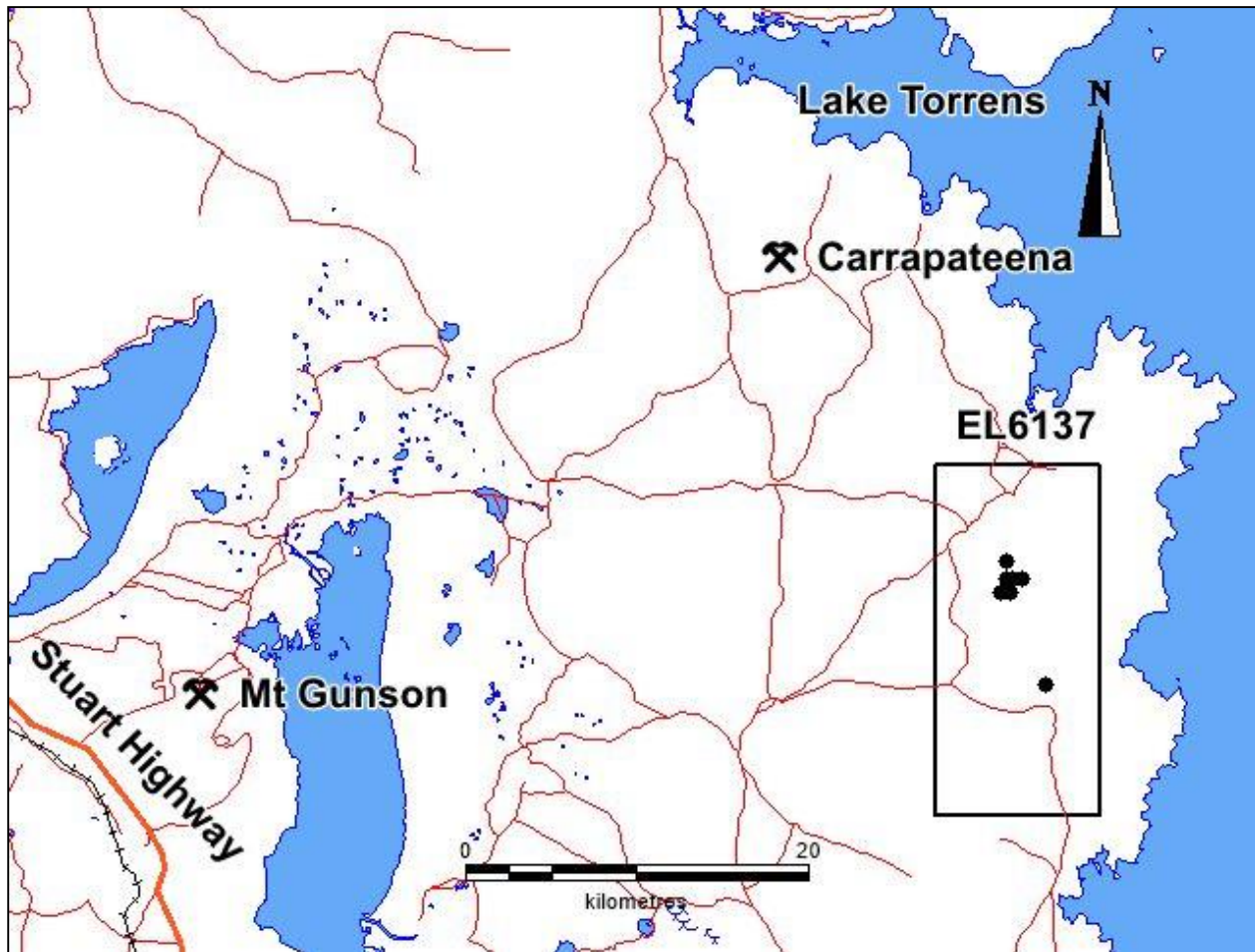
• Eastern Gawler Craton a significant copper province - economic Cu mineralization in cover rocks at Mt Gunson (40km W) and in basement at Carrapateena (20km to NW).

• No prior drilling in the area - local depth to basement unknown, due to insufficient conductivity contrast between cover and basement.



# Pernatty Project

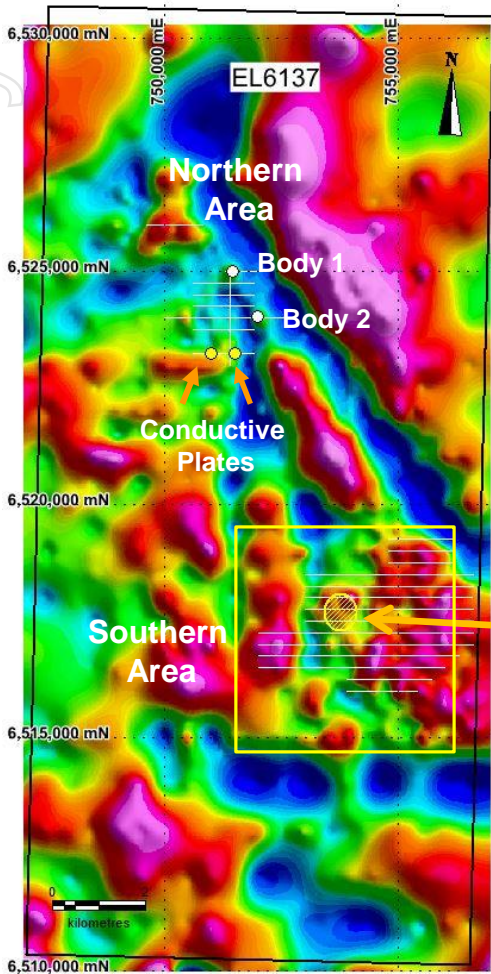
## Proposed Drill Hole Locations and Nearby Mines



ersonal use only

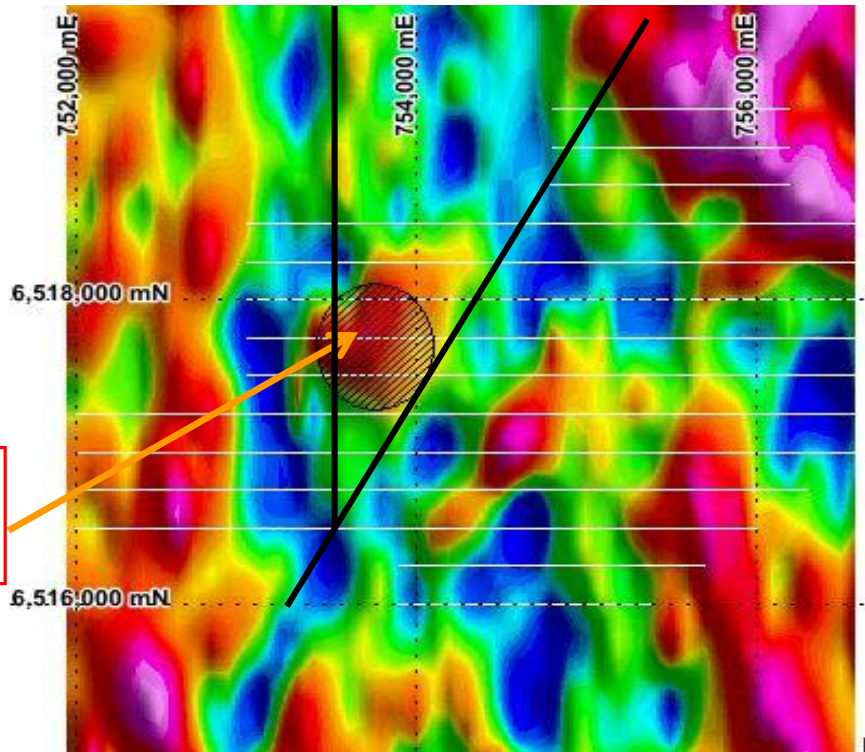
# Pernatty Project

## Drill Hole Targets



Residual gravity image

### Southern Area: Coincident EM-Gravity-Magnetic Anomaly



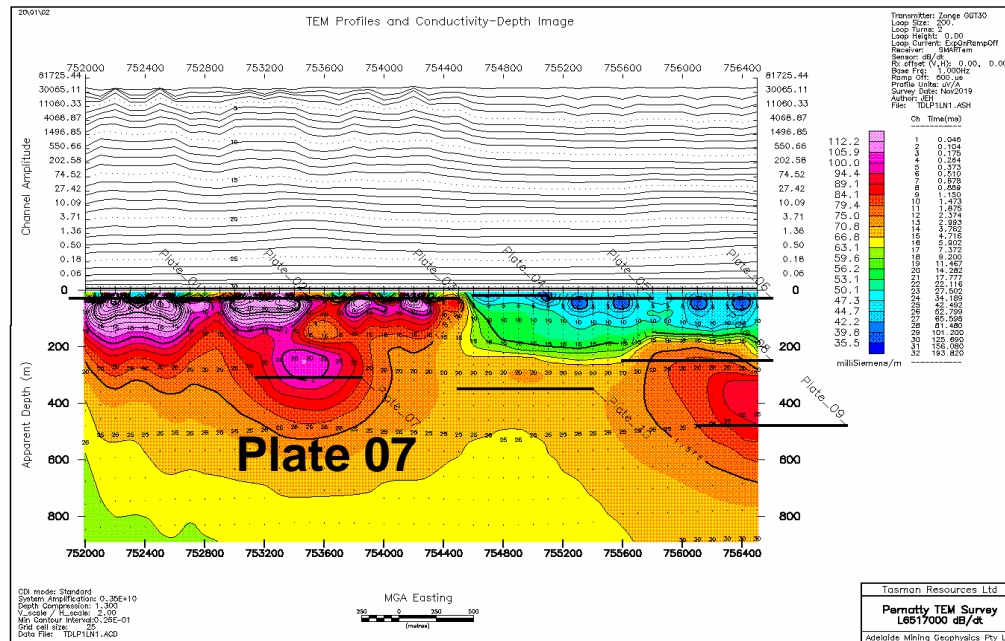
Modelled EM conductor (black hatch) and EM survey lines over residual magnetic image and interpreted lineaments. Area on gravity image shown in yellow.



# Pernatty Project

## Southern Area: Coincident EM-Gravity-Magnetic Anomaly

- Weakly conductive gravity (0.3 mgal) – residual mag. anomaly modelled as felsic rock with 5% hematite + sulphides and <0.1% magnetite from 300m depth.



Line 6517000N. Response profiles and CDI generated from half space model.





# Pernatty Project

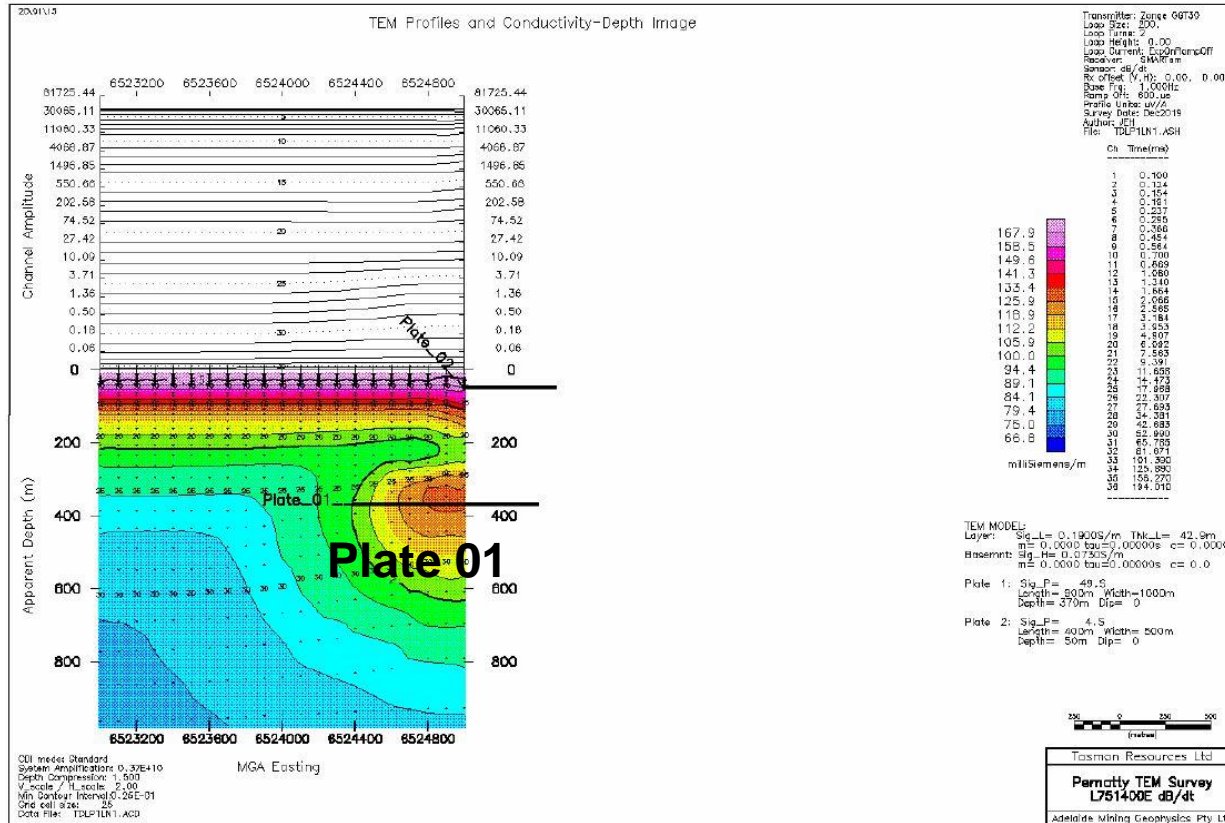
## Northern Area Basement? Conductors

- **Two small coincident mag-gravity-EM highs modelled at approx. 370 and 400m depth:**
  - **body 1 – models at 15% dense non-mag component such as hematite + sulphides and <0.1% magnetite. Associated EM suggests sulphides dominant.**
  - **body 2 - residual mag and gravity high simulated by felsic rock with 5.5% hematite + sulphides and <1% magnetite.**

# Pernatty Project

## Northern Area Basement ? Conductors

### Coincident mag-gravity-EM (body 1)



Line 751400E. Plate-in-host model simulation (Plate 01) for the N-S CDI above. Maximum conductivity is interpreted to be near 370m depth.





## Competent Person's Statement

The information in this presentation that relates to Exploration Results is based on and fairly represents information compiled by Michael J Glasson, Competent Person who is a member of the Australian Institute of Geoscientists. Mr Glasson is a part-time employee of the company and a shareholder.

Mr Glasson 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 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Glasson consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.

Note: Part of the information in this presentation for the Lake Torrens project was prepared and first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.