



# **THUNDELARRA**

## **EXPLORATION**

**Melbourne Resources Round-up**  
**22 September 2010**





# Cautionary & Competent Person Statements

This presentation is not intended to form the basis of any investment decision or any decision to purchase any securities in Thundelarra Exploration Ltd ("**Thundelarra**"). The material provided to you does not constitute an invitation, solicitation, recommendation or an offer to purchase or subscribe for securities.

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The details contained in this presentation that pertain to ore and mineralisation are based upon information compiled by Mr Brian Richardson, a full-time employee of the Company. Mr Richardson is a Member of the Australasian Institute of Mining and Metallurgy (AUSIMM) and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the December 2004 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code). Mr Richardson consents to the inclusion in this report of the matters based upon his information in the form and context in which it appears.

# Thundelarra Overview

- ✦ **Successful mineral explorer with a dual focus**
- ✦ **Northern Territory uranium**
  - Major land holdings in three key uranium provinces
  - Exceptional results delivered including surface samples of up to **17.6%  $\text{U}_3\text{O}_8$**  and drill intersections of up to **20.3%  $\text{U}_3\text{O}_8$**
  - Maiden JORC resource targeted by end of 2010
- ✦ **Western Australian Base Metals**
  - 40% interest in the Copernicus Nickel Mine
  - Extensive interests in the East Kimberley
  - Significant copper/gold intersections from the Red Bore Prospect (17 metres at 11.7% copper & 1.73 g/t gold)
- ✦ **Very well funded and very active in the field**
  - Over \$20 million cash on hand
  - Major drilling and geophysical programs underway in 2010

# Thundelarra Share Capital Structure

## Listed on the ASX codes THX, THXOA

✦ Fully paid shares	150.5 million
✦ Listed options (Mar 2013, 20 cents)	7.1 million
✦ Unquoted Options	19.4 million
Market capitalisation	\$105 million
Cash on hand	\$20+ million

## Top 5 Shareholders

1. Ragged Range Mining Pty Ltd & Associates	14.7%
2. Norilsk Nickel Australia Pty Ltd	5.2%
3. ABN AMRO Nominees	4.0%
4. HSBC Nominees Limited	3.6%
5. Grandor Pty Ltd	2.6%

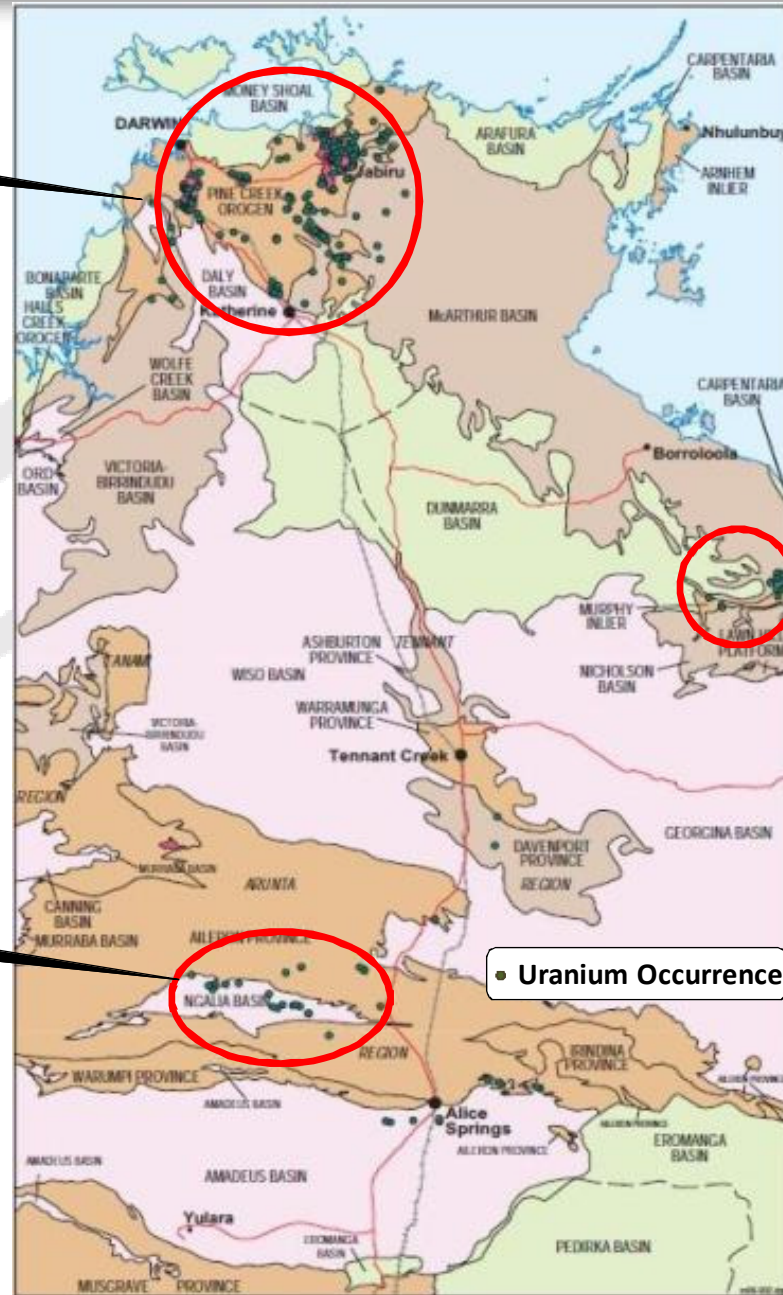
# The Northern Territory's Uranium Provinces

Pine Creek  
Orogen

Murphy Inlier

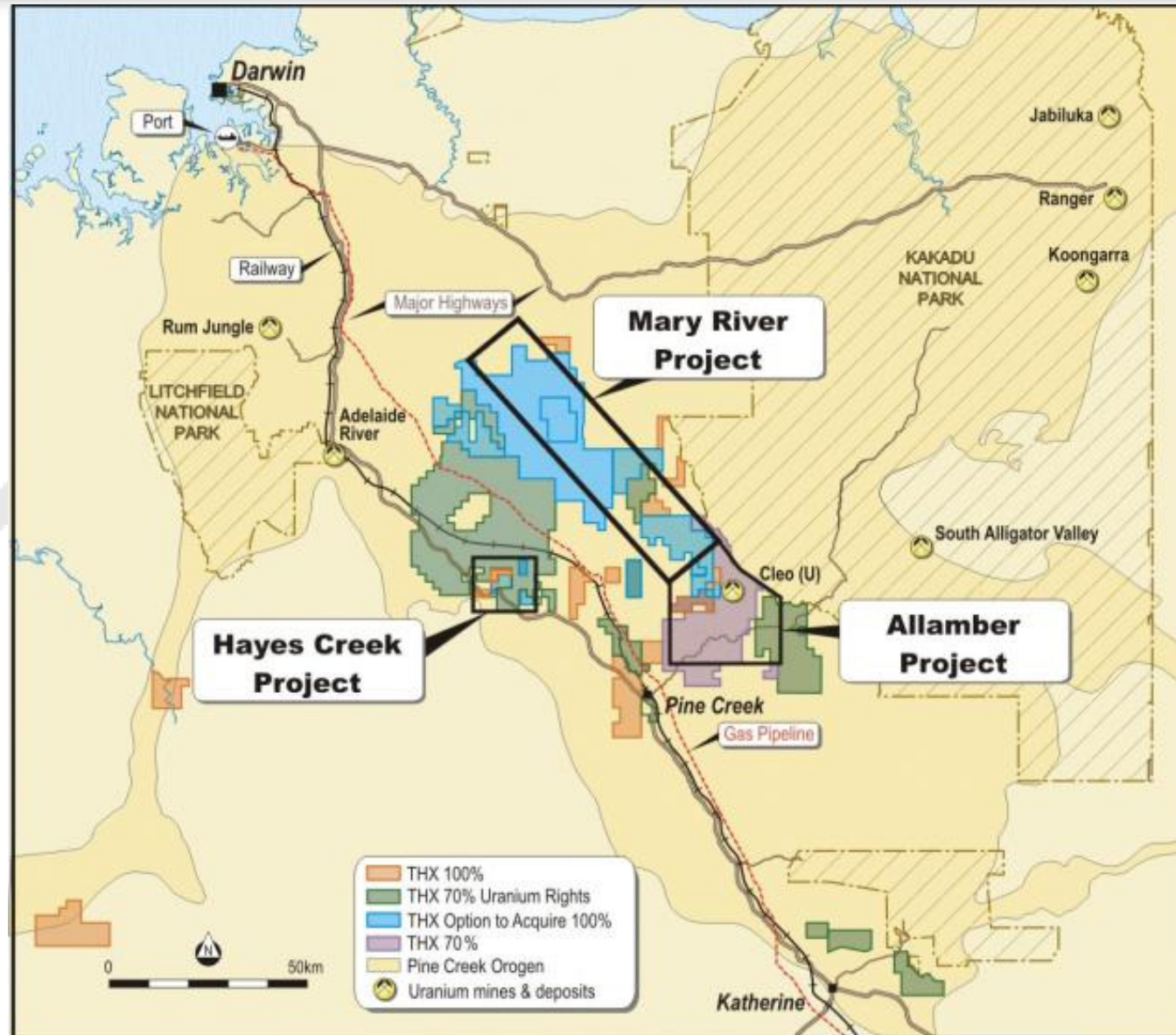
Ngalia Basin

• Uranium Occurrence

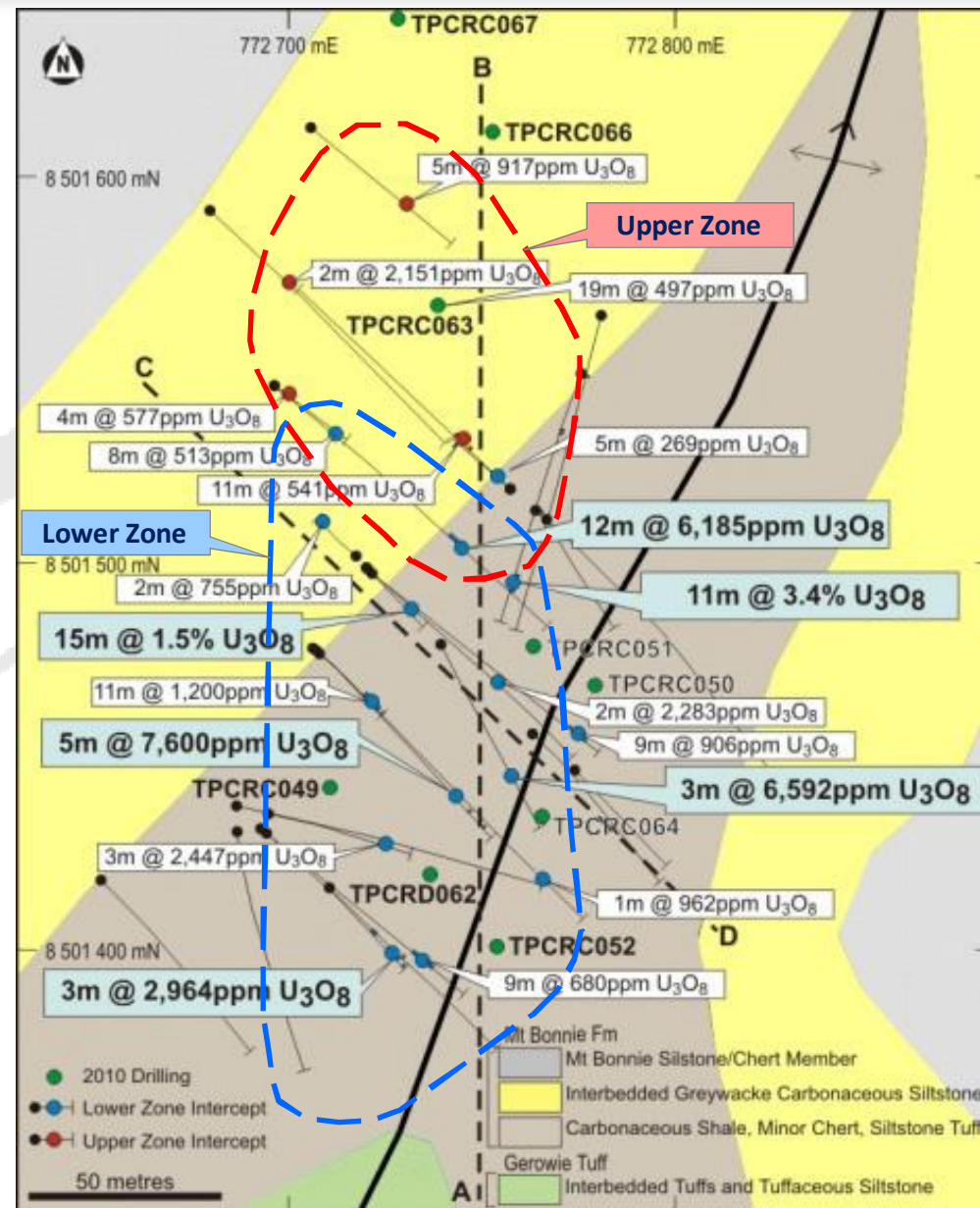




# Pine Creek Tenements and Infrastructure



# Thunderball Drill Plan and Significant Intercepts



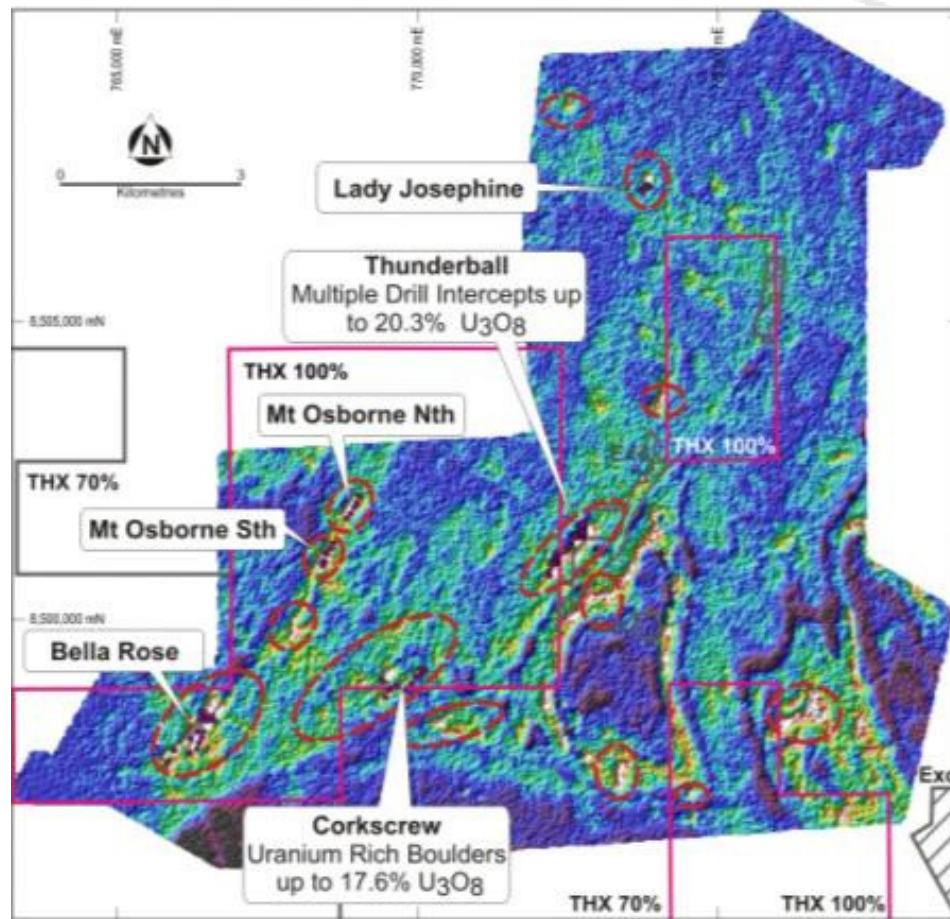


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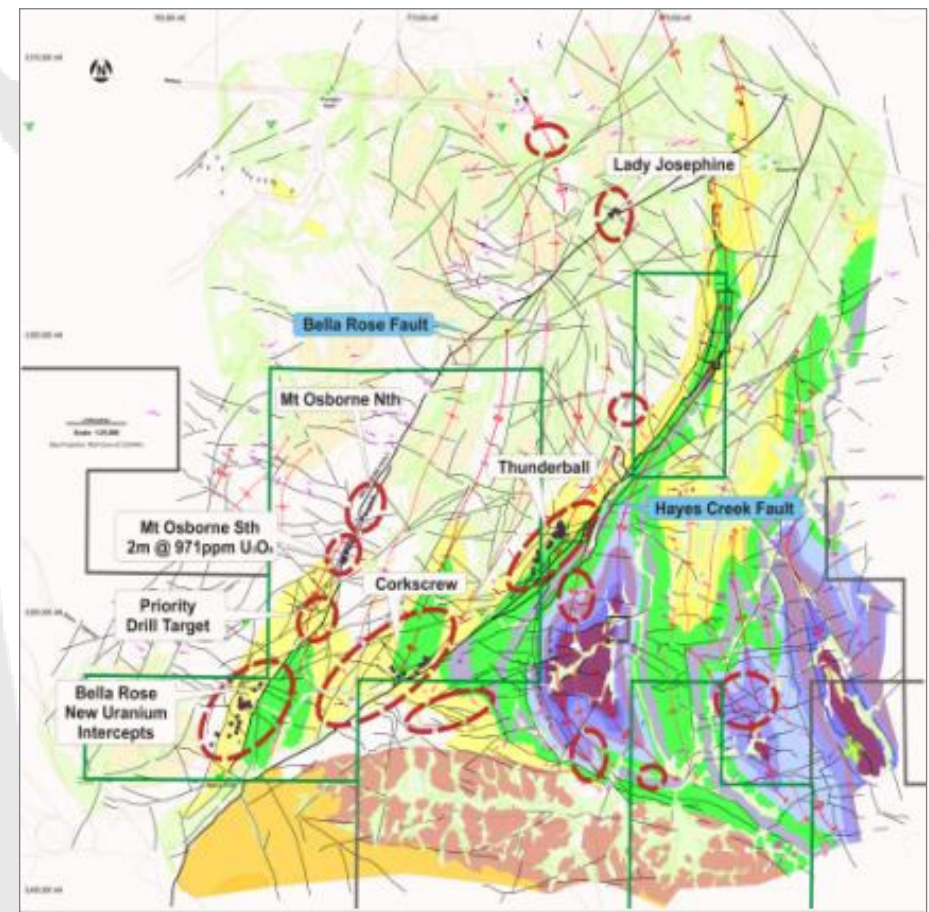




# Hayes Creek Project – Uranium Targets

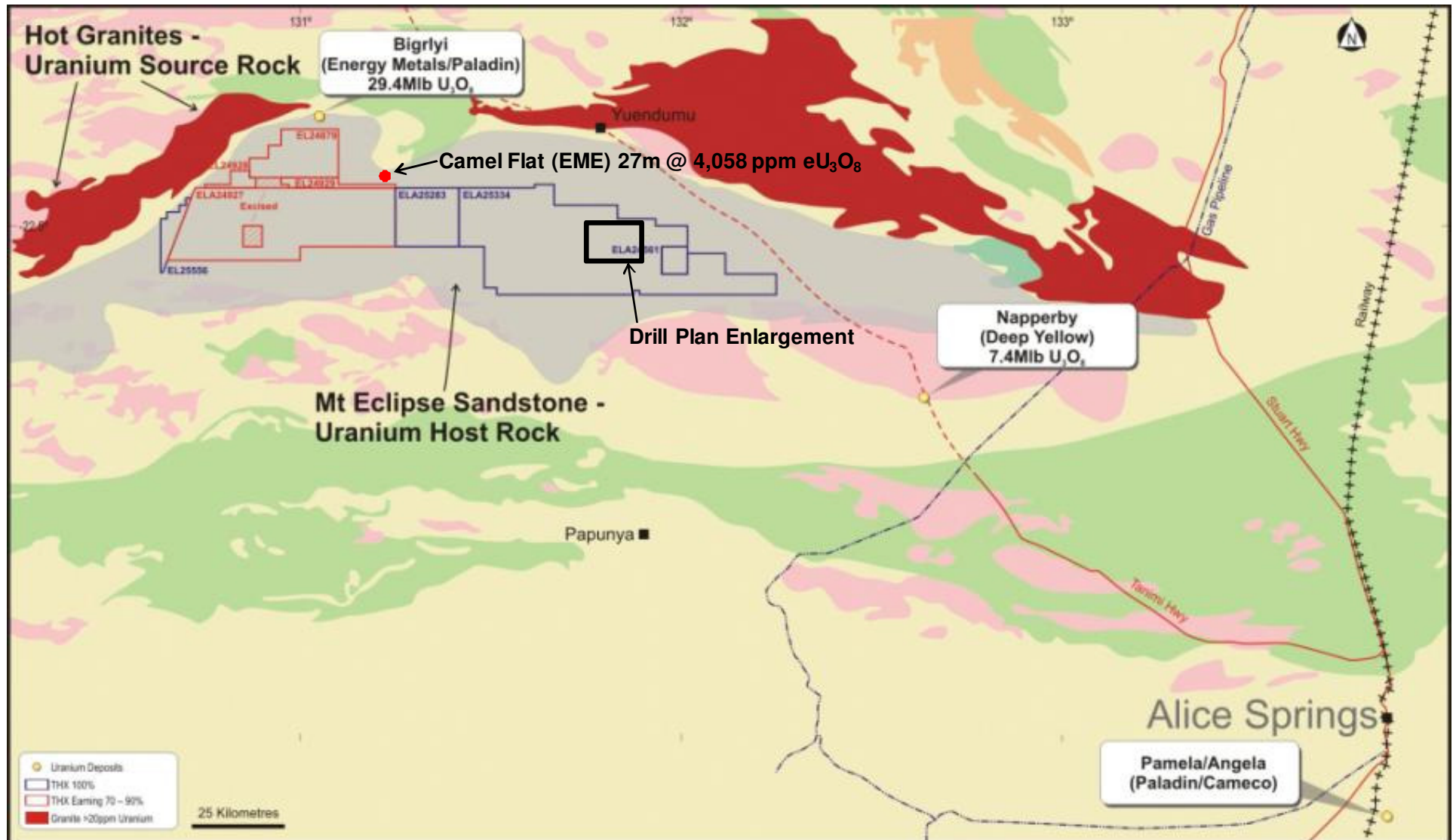


High Definition Radiometric Image



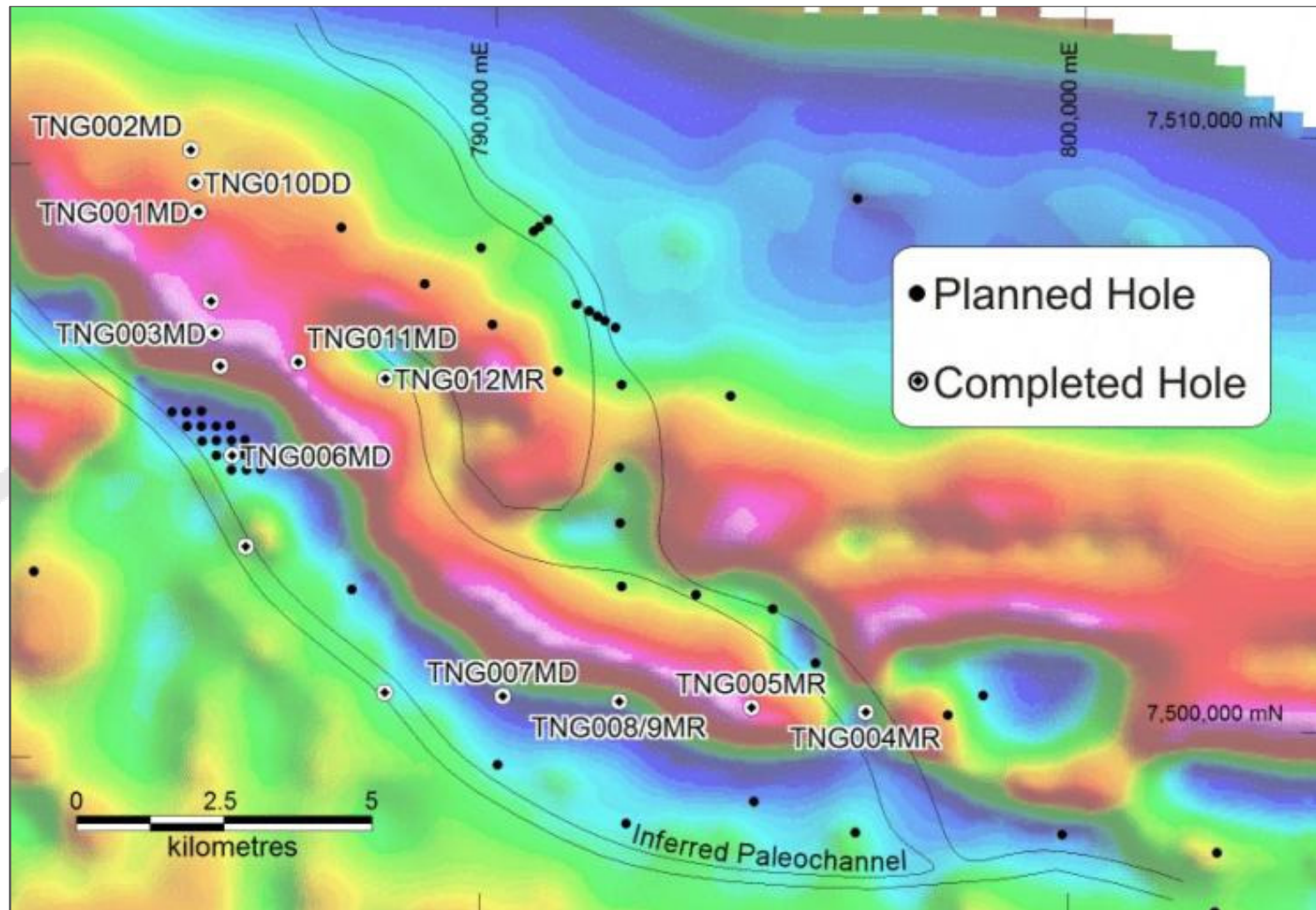
Geological & Structural Map

# Ngalia Basin – Geology & Tenements

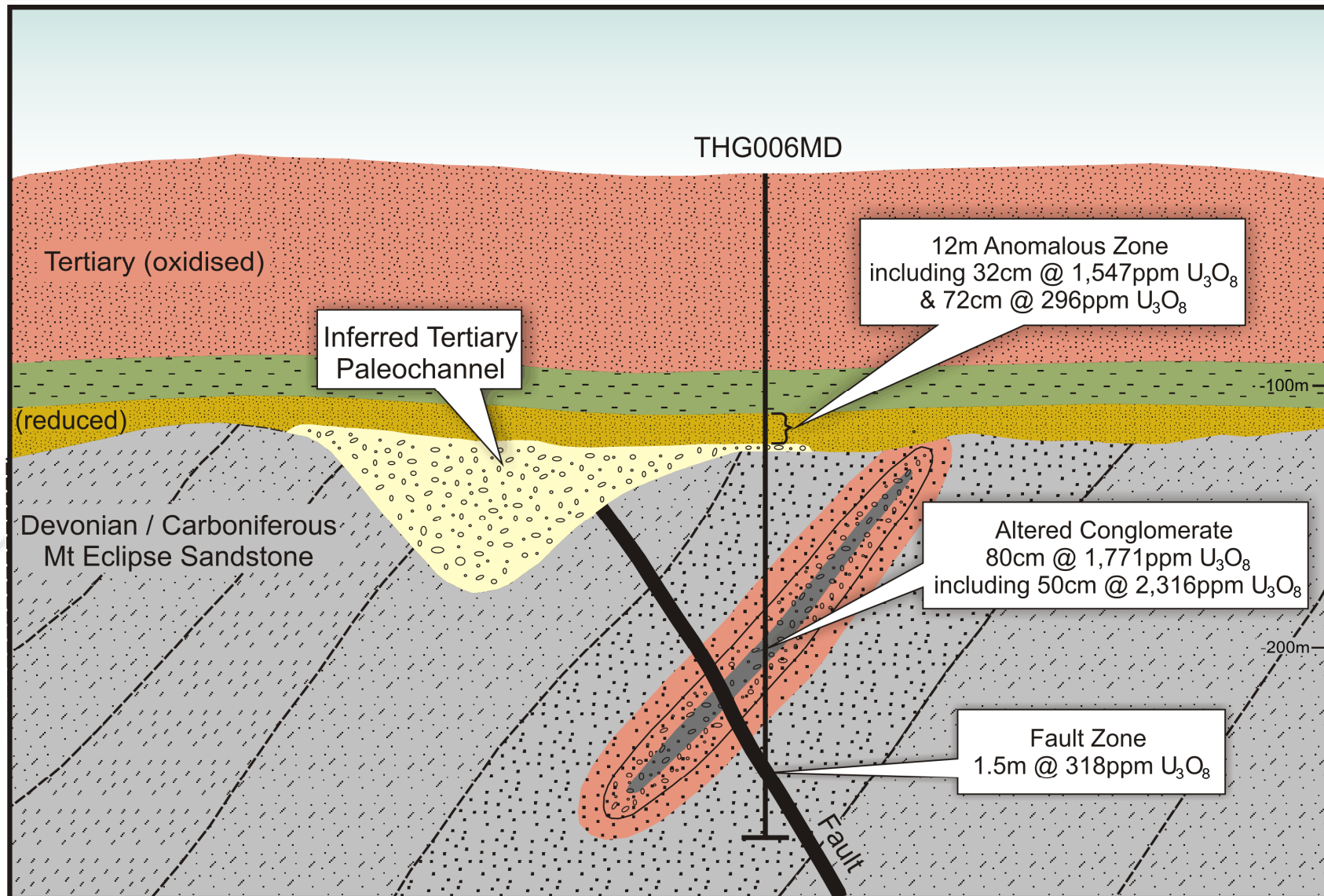




# Ngalia Basin – Inaugural Drilling Program

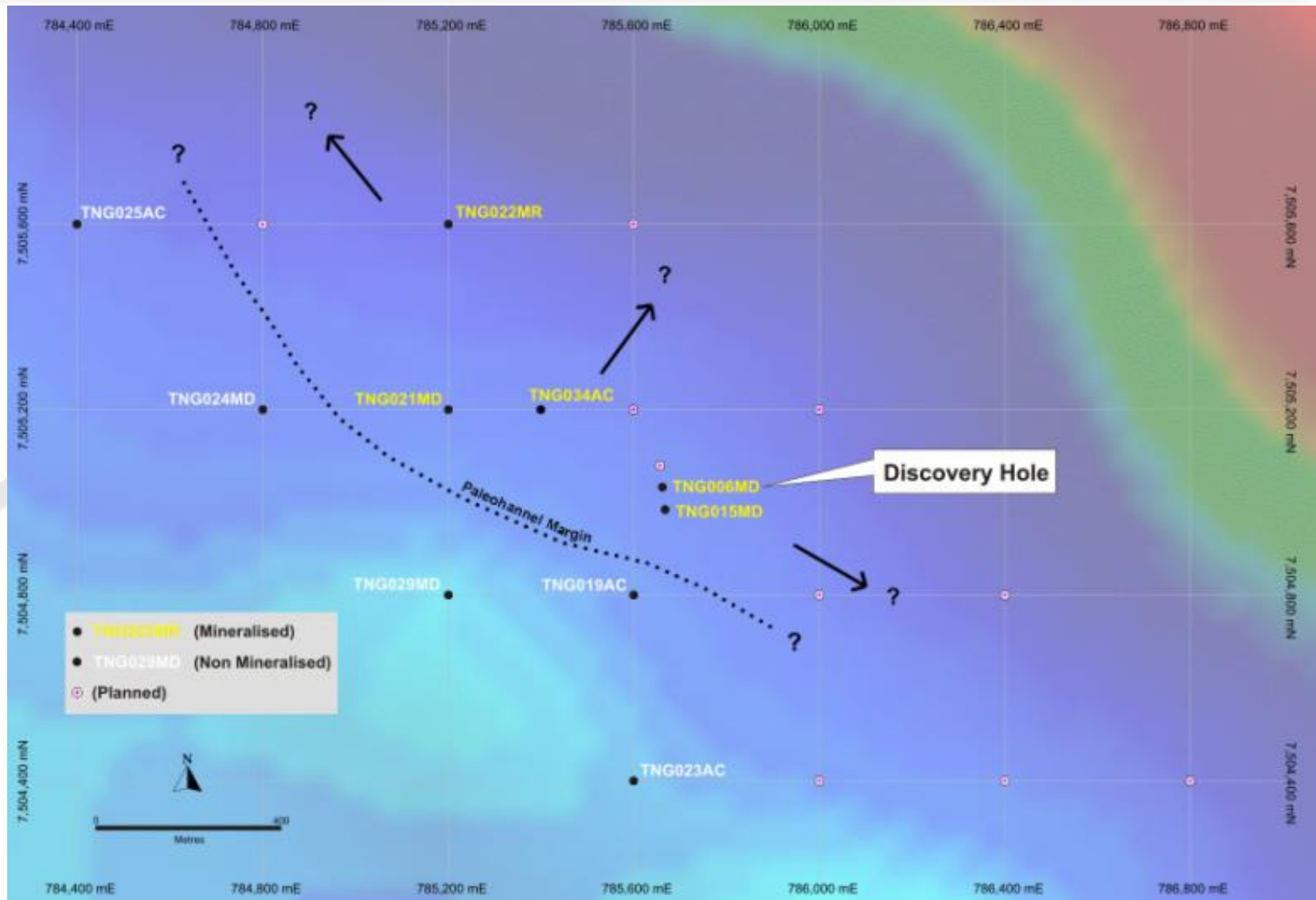


# Section Through Hole TNG006MD

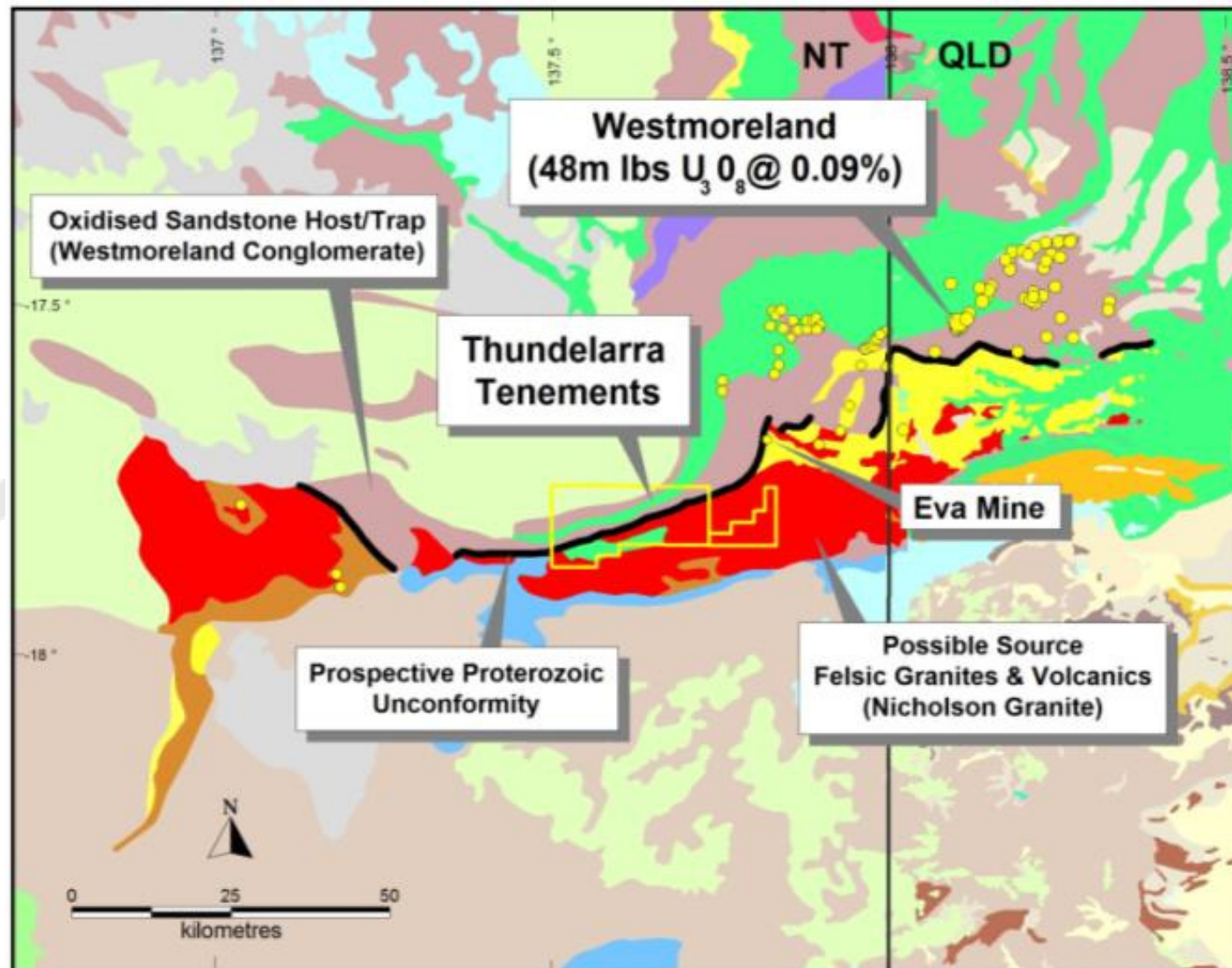




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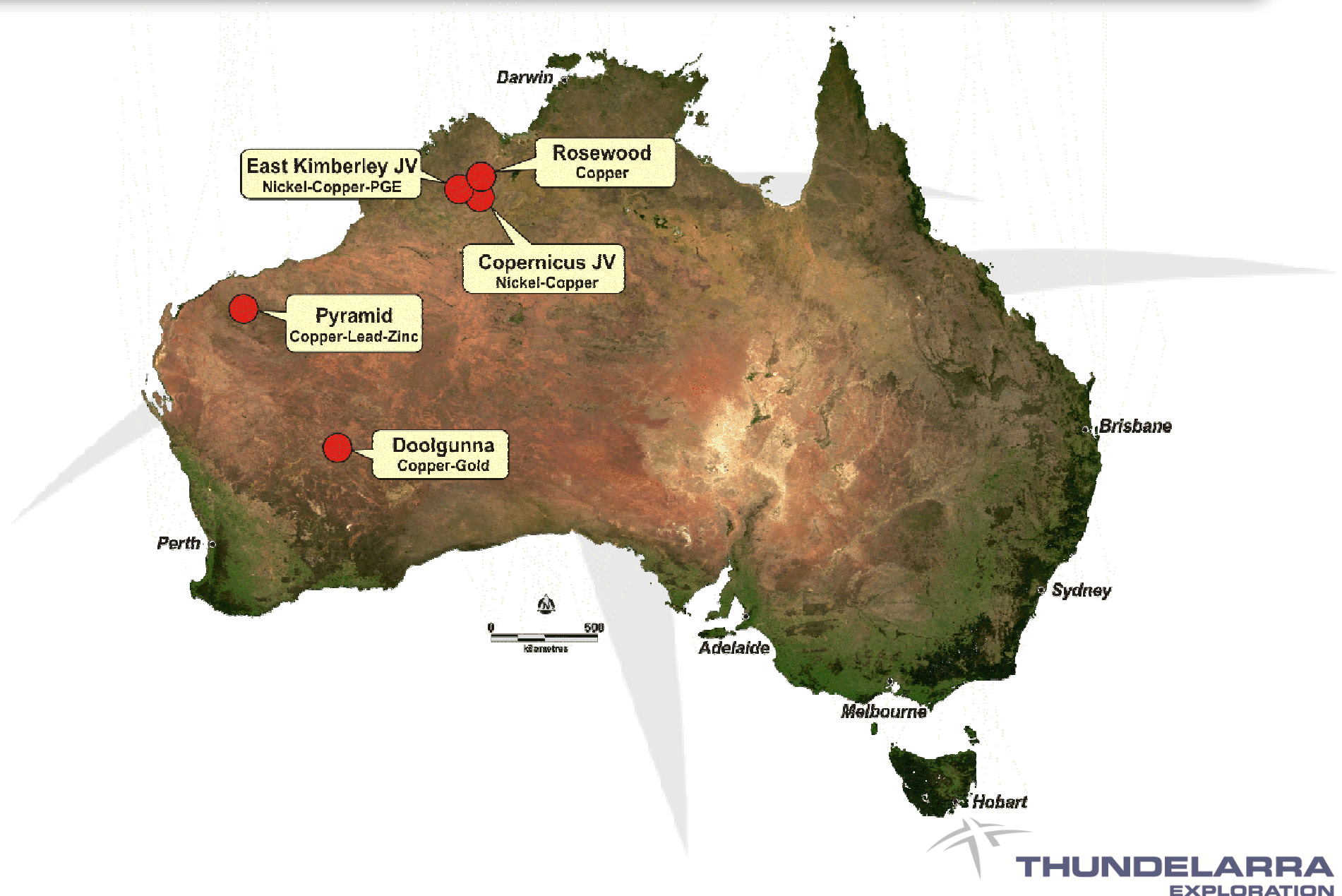


# Murphy Inlier

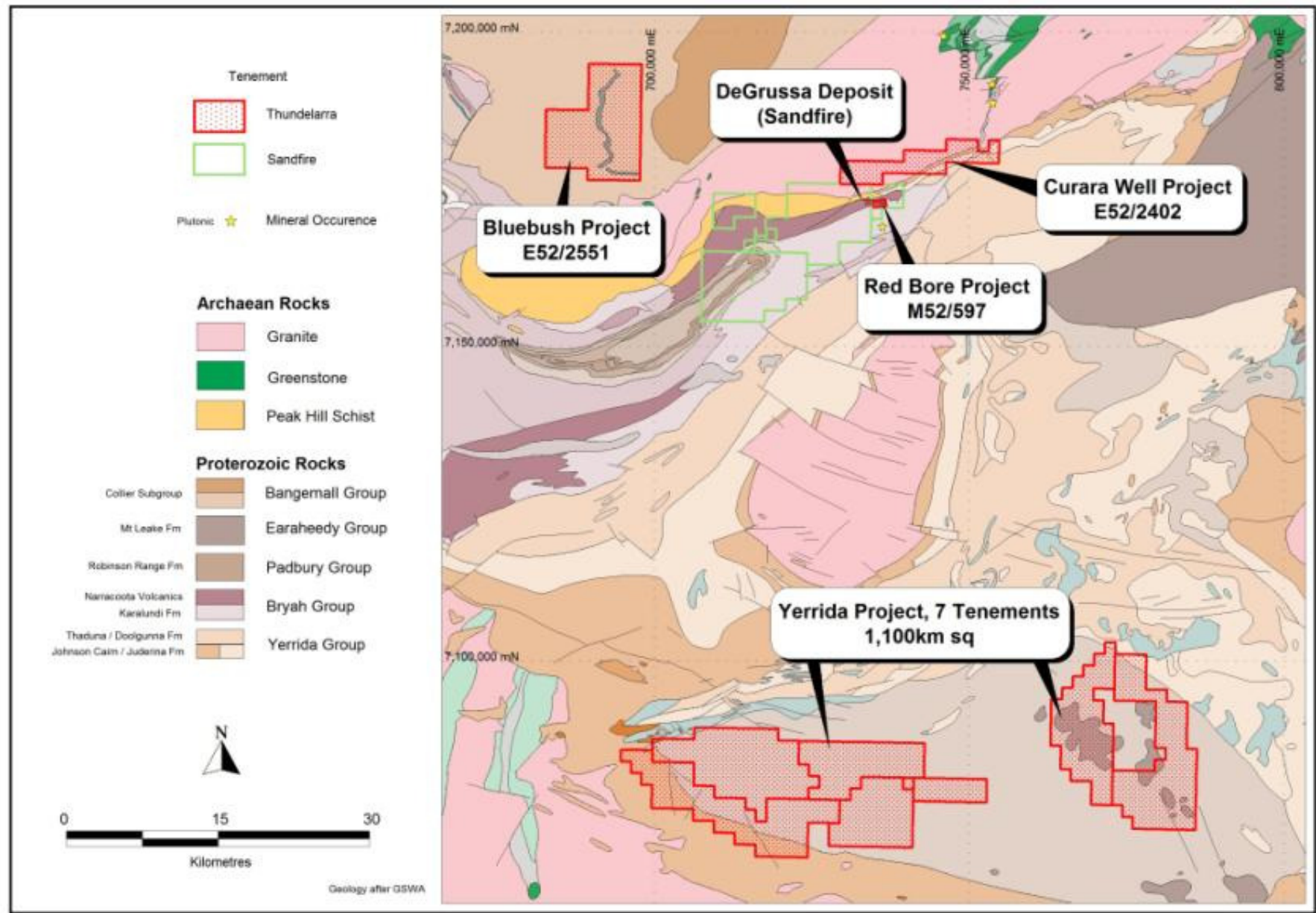




# Thundelarra's Base Metals Projects



# Doolgunna – Regional Tenements

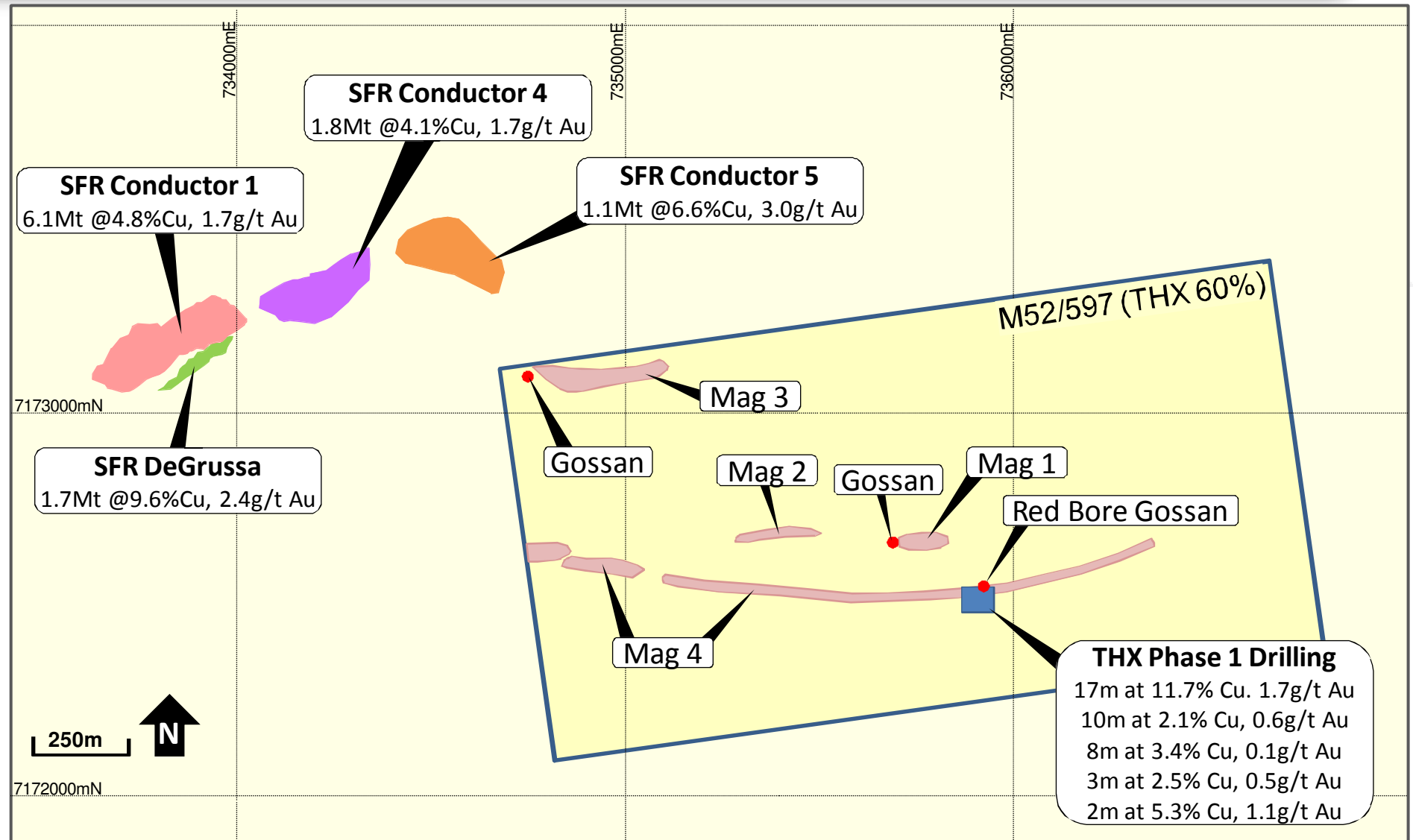




# Red Bore Base Metals Gossan

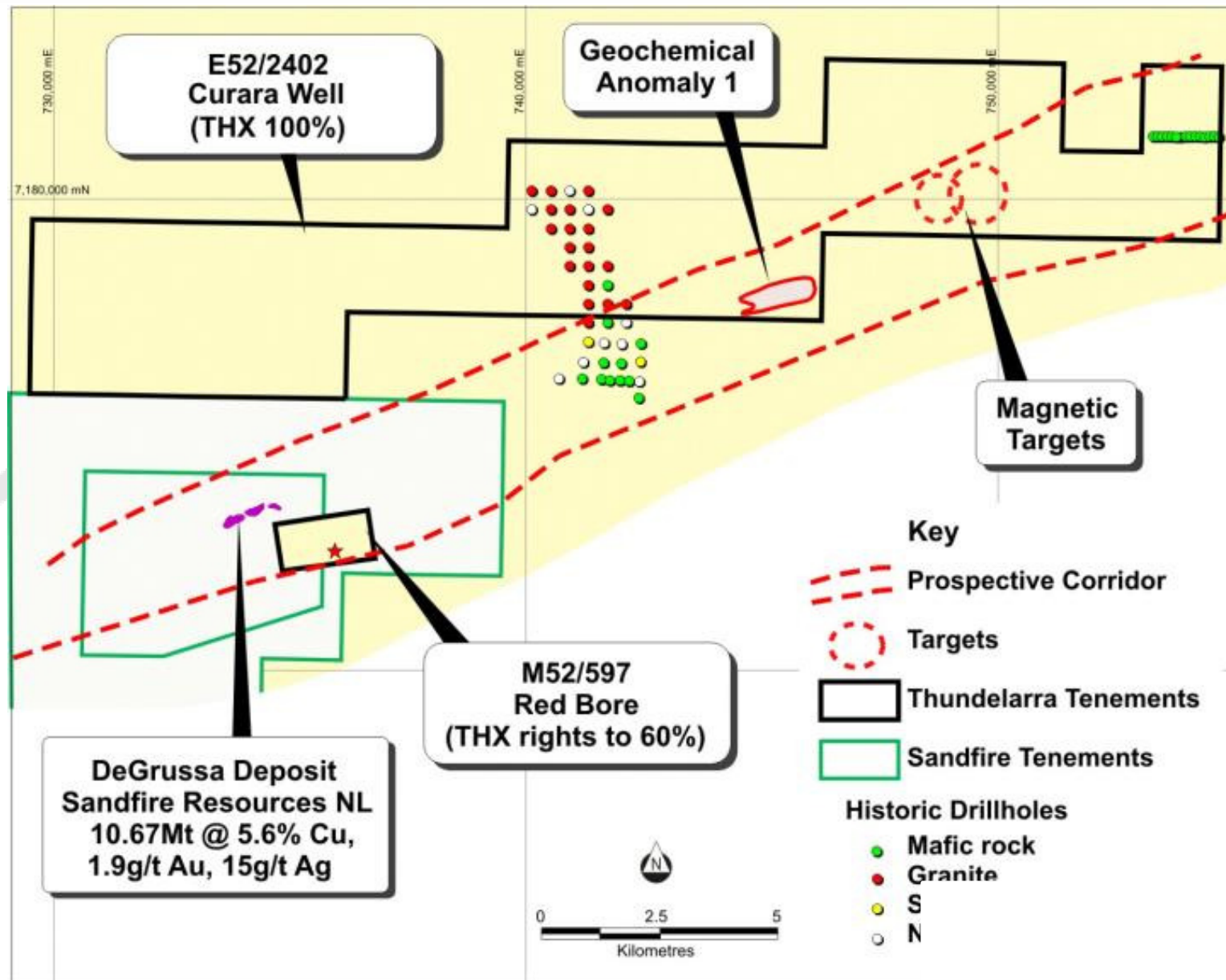


# Doolgunna – Red Bore Prospect

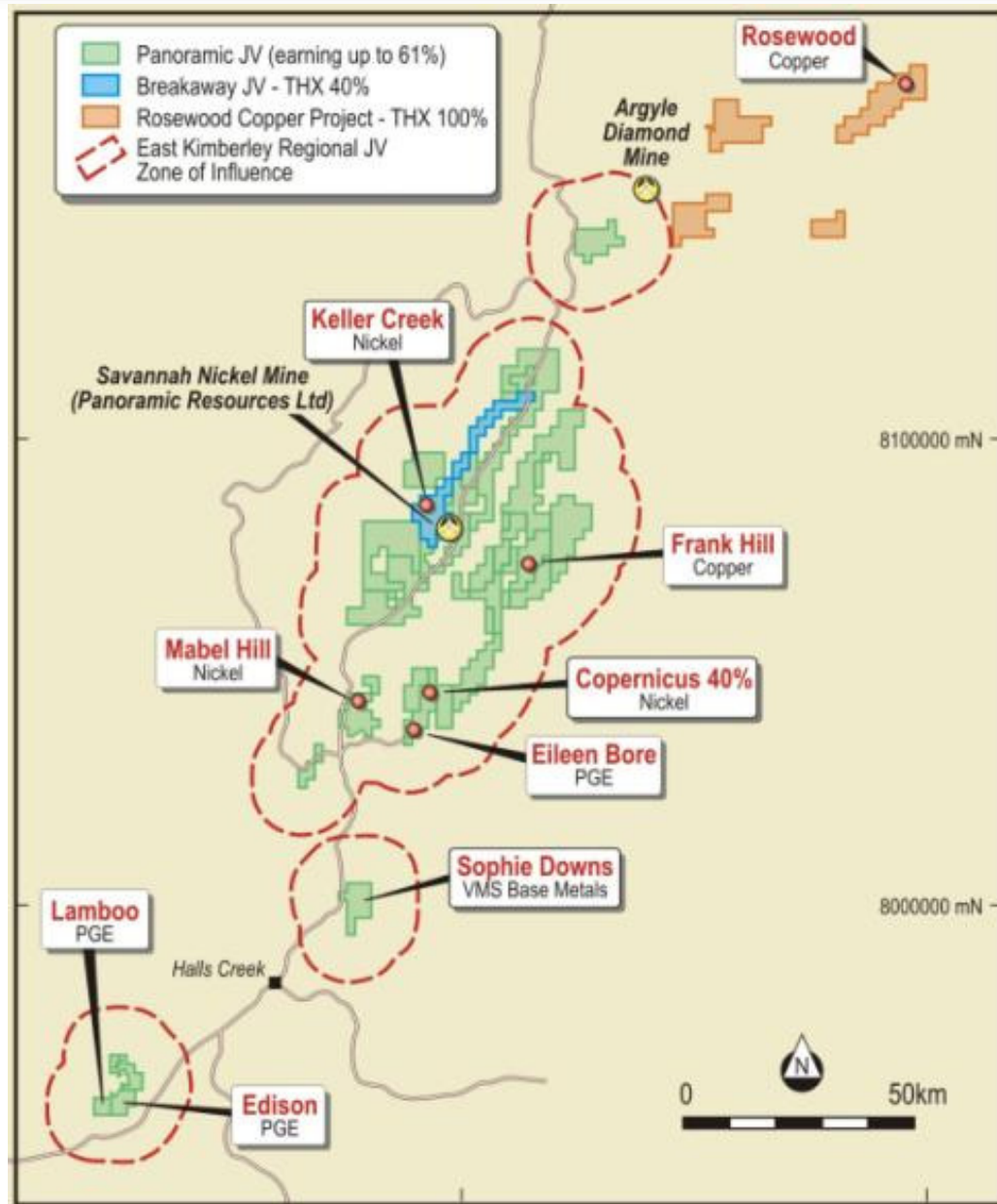




# Doolgunna – Red Bore and Curara Well



# East Kimberley Base metals Tenements



- ✦ Highly prospective for nickel, copper, zinc and PGEs
- ✦ Multiple advanced prospects
- ✦ Panoramic earning 61% of JV tenements by funding \$3 million exploration
- ✦ Minimum spend by Panoramic \$750,000 PA
- ✦ WA government contributing 50% of costs to drill Azura copper prospect (Frank Hill)
- ✦ Rosewood Copper project held 100%

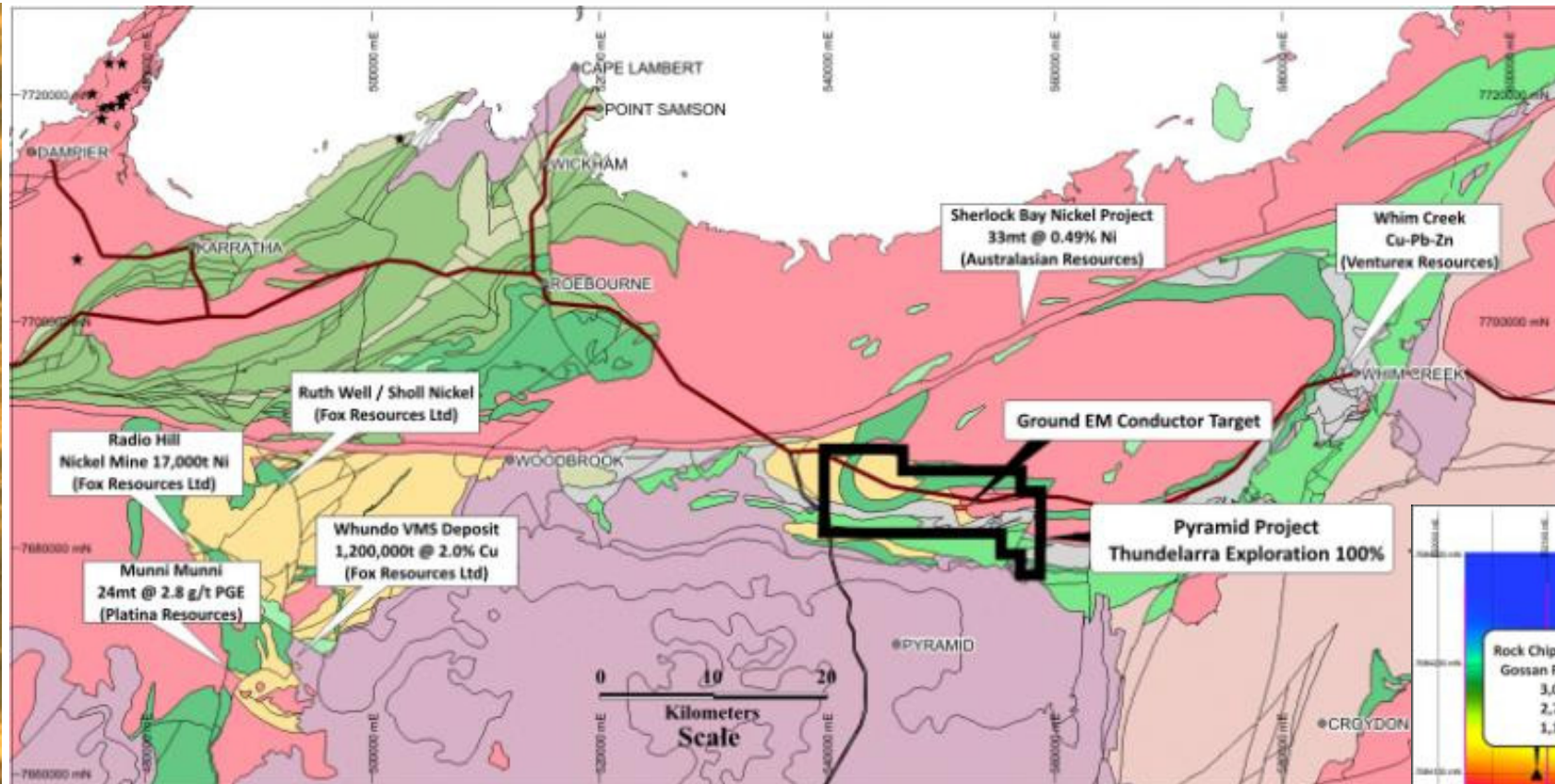


# Copernicus Nickel Mine (THX 40%)

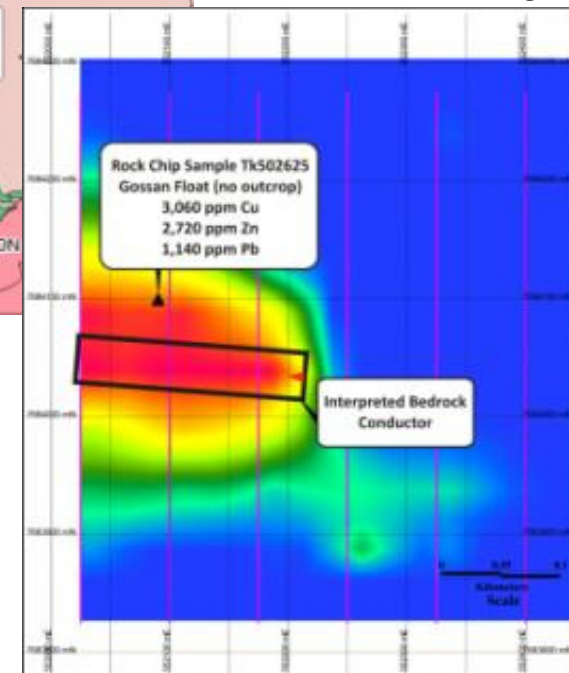


- ✦ A joint venture with Panoramic Resources limited
- ✦ Reserves
  - Open Pit 437,000t at 1.00% Ni, 0.65% Cu & 0.05% Co
  - Underground 347,000t at 1.20% Ni, 0.70% Cu & 0.04% Co
- ✦ Over 60% of total pit waste rock excavated, primary ore exposed
- ✦ Ore processed at Panoramic's Savannah plant
- ✦ On care & maintenance, able to recommence at short notice

# Pyramid Project – West Pilbara



EM Conductor Target



- ✦ Project prospective for VMS Base Metals
- ✦ VTEM survey defined a strongly conducted anomaly beneath cover



# Thundelarra Wrap-up

## **Premier Land Holdings**

- Excellent track record in project generation and acquisition

## **Actively Exploring**

- Over 40,000 drill metres + major geophysics programs in 2010

## **Delivering Results**

- Virgin high grade uranium discoveries at Hayes Creek
- Tertiary paleochannel uranium discovered at Ngalia Basin
- The first company outside Sandfire Resources to intersect significant copper sulphide mineralisation at Doolgunna

## **Well Funded**

- Over \$20 million cash on hand

# Contact Details

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