



# GOLDEN CROSS RESOURCES

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## **COMPETENT PERSON STATEMENT**

The information in this presentation that relates to Exploration Results is based on information compiled by Kim Stanton-Cook, who is a member of the Australian Institute of Geoscientists, is a full-time employee of GCR, and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Kim consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

May 2008



# GOLDEN CROSS RESOURCES

Golden Cross is a gold, uranium and base metals explorer with drilling underway.



**GCR's origins lie in the Lachlan Fold Belt of central New South Wales. GCR expanded into the Curnamona Province, home to Broken Hill.**



# GOLDEN CROSS RESOURCES

Golden Cross is a gold, uranium and base metals explorer expanding its range to include phosphate resources.



**Mount Isa, Georgetown  
and Bowen regions of  
Queensland**



# GOLDEN CROSS RESOURCES

Golden Cross now has a nickel project in the Yilgarn.



**Yilgarn Block of  
Western Australia.**



# GOLDEN CROSS RESOURCES

Golden Cross also has new exploration interests:

## **Gold in Panama**

**Drilling has commenced,  
IP, magnetics completed**





# GOLDEN CROSS RESOURCES



&



## **Uranium in Labrador, Canada.**

**Airborne radiometrics & magnetics flown. Data being  
processed by McPhar Geophysics**

# GOLDEN CROSS RESOURCES

Golden Cross is a gold, uranium and base metals explorer on the move.



**3,000+ shareholders**

**631 million shares issued**

**\$27 million market capitalisation**

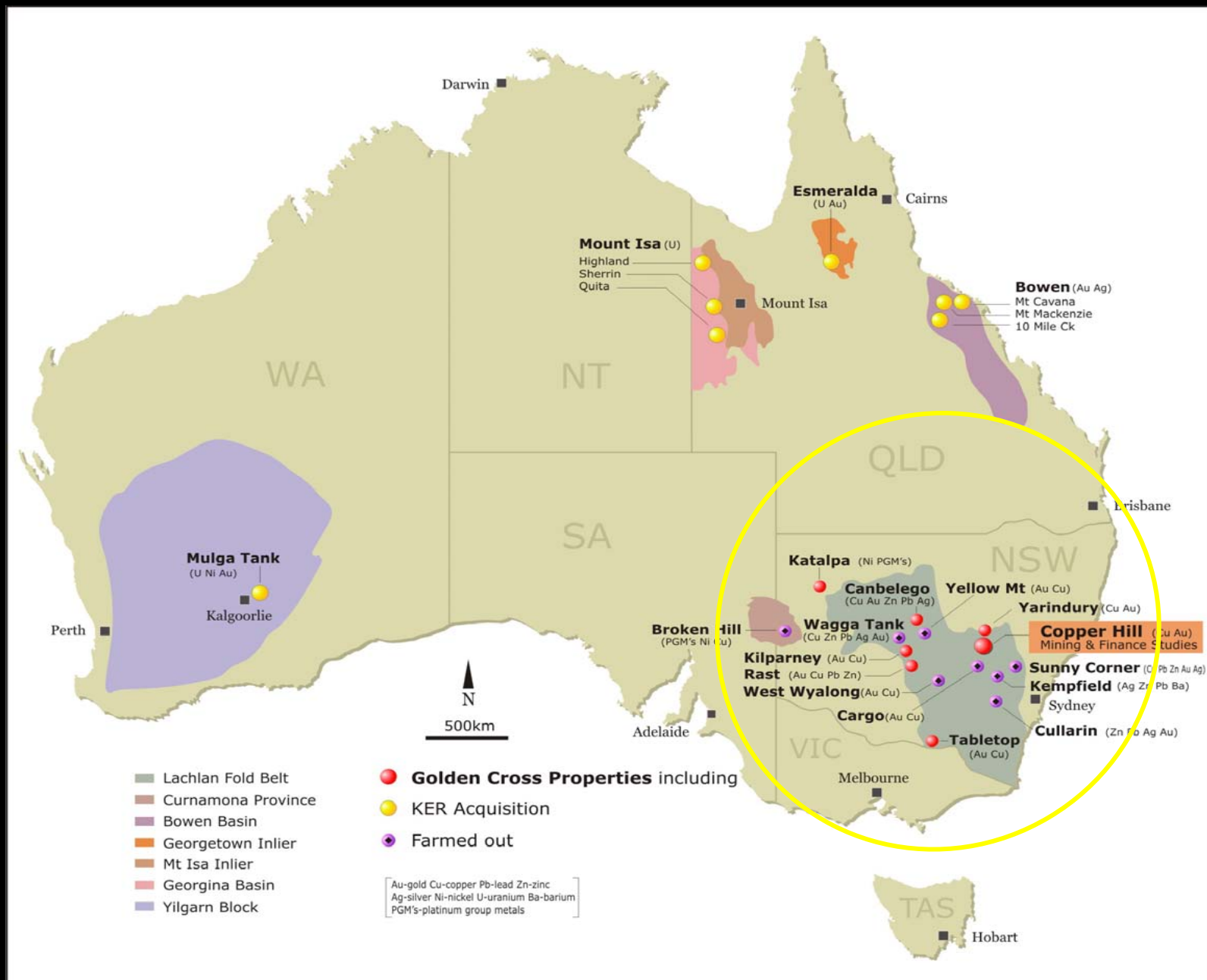
**\$4 million in cash**

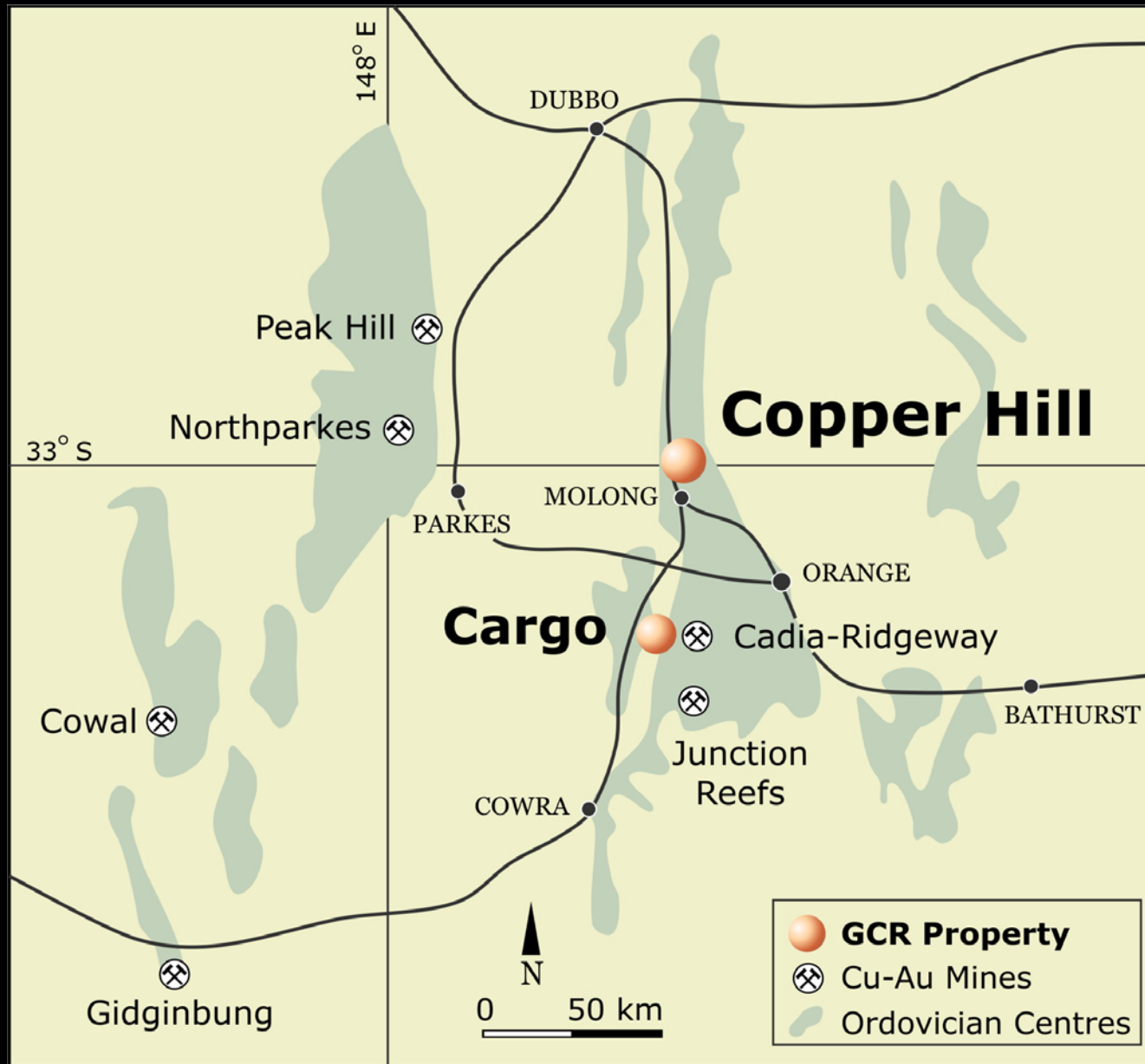


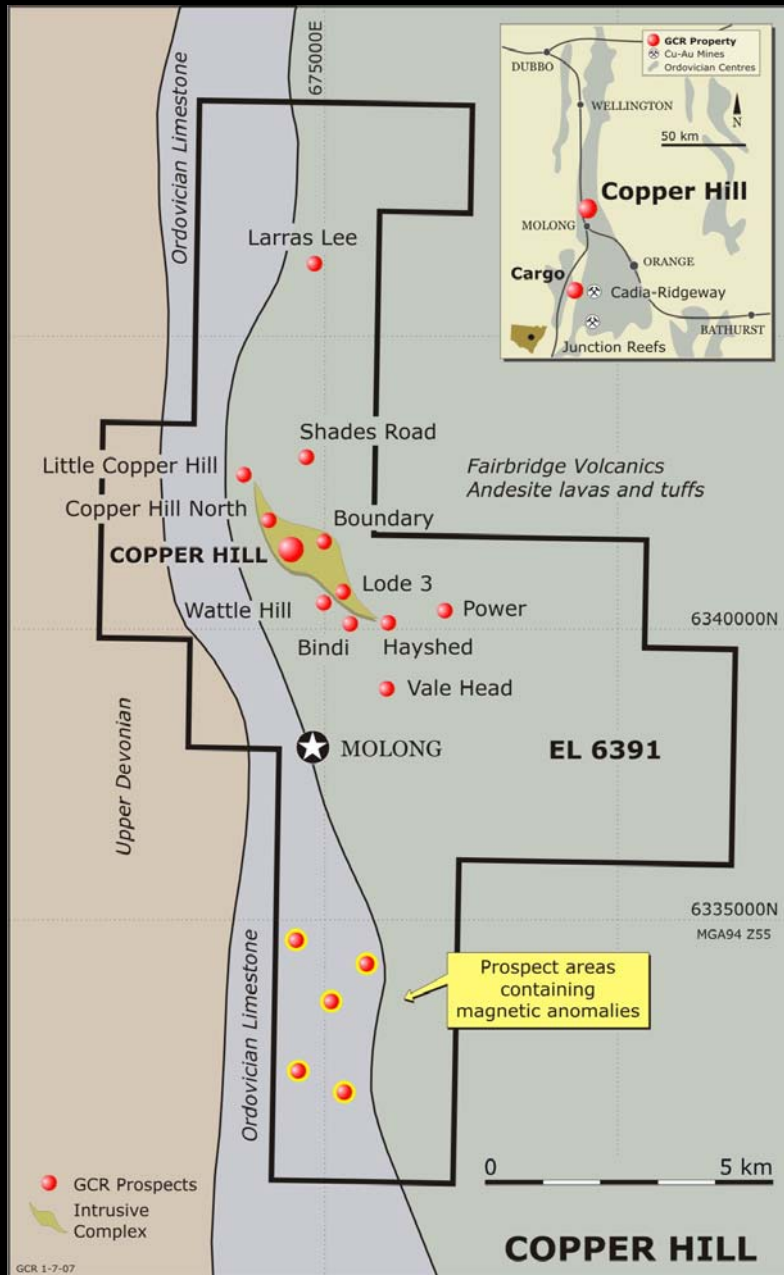


# AUSTRALIAN EXPLORATION









**Copper Hill**

# Copper Hill

## Resource Estimates at a range of cut-off grades

| Copper<br>Cutoff<br>(%) | Tonnes<br>(Mt)    | Copper<br>(%)      | Gold (g/t)         | Contained<br>Copper (Kt) | Contained<br>Gold (M oz) |
|-------------------------|-------------------|--------------------|--------------------|--------------------------|--------------------------|
| 0.10                    | 328               | 0.21               | 0.20               | 702                      | 2.11                     |
| 0.15                    | 211               | 0.26               | 0.24               | 557                      | 1.62                     |
| <b><i>0.20</i></b>      | <b><i>133</i></b> | <b><i>0.31</i></b> | <b><i>0.28</i></b> | <b><i>421</i></b>        | <b><i>1.20</i></b>       |
| 0.25                    | 83                | 0.37               | 0.33               | 310                      | 0.88                     |
| 0.30                    | 51                | 0.43               | 0.39               | 224                      | 0.64                     |

- **Copper Hill Project – Conceptual Pit Optimisation Studies**

|                                  | <b>Case 1</b> | <b>Case 2</b>   | <b>Case 3</b> |
|----------------------------------|---------------|-----------------|---------------|
| • US\$/oz Au                     | 500.00        | <b>600.00</b>   | 700.00        |
| • US\$/lb Cu                     | 1.80          | <b>2.65</b>     | 3.50          |
| • Operating<br>NPV 8 Mtpa        | A\$250 m      | <b>A\$600 m</b> | A\$900 m      |
| <b>No plant capital included</b> |               |                 |               |
| <b>Mill Feed, million tonnes</b> |               |                 |               |
| <b>@ 8 Mtpa</b>                  | <b>44</b>     | <b>94</b>       | <b>118</b>    |

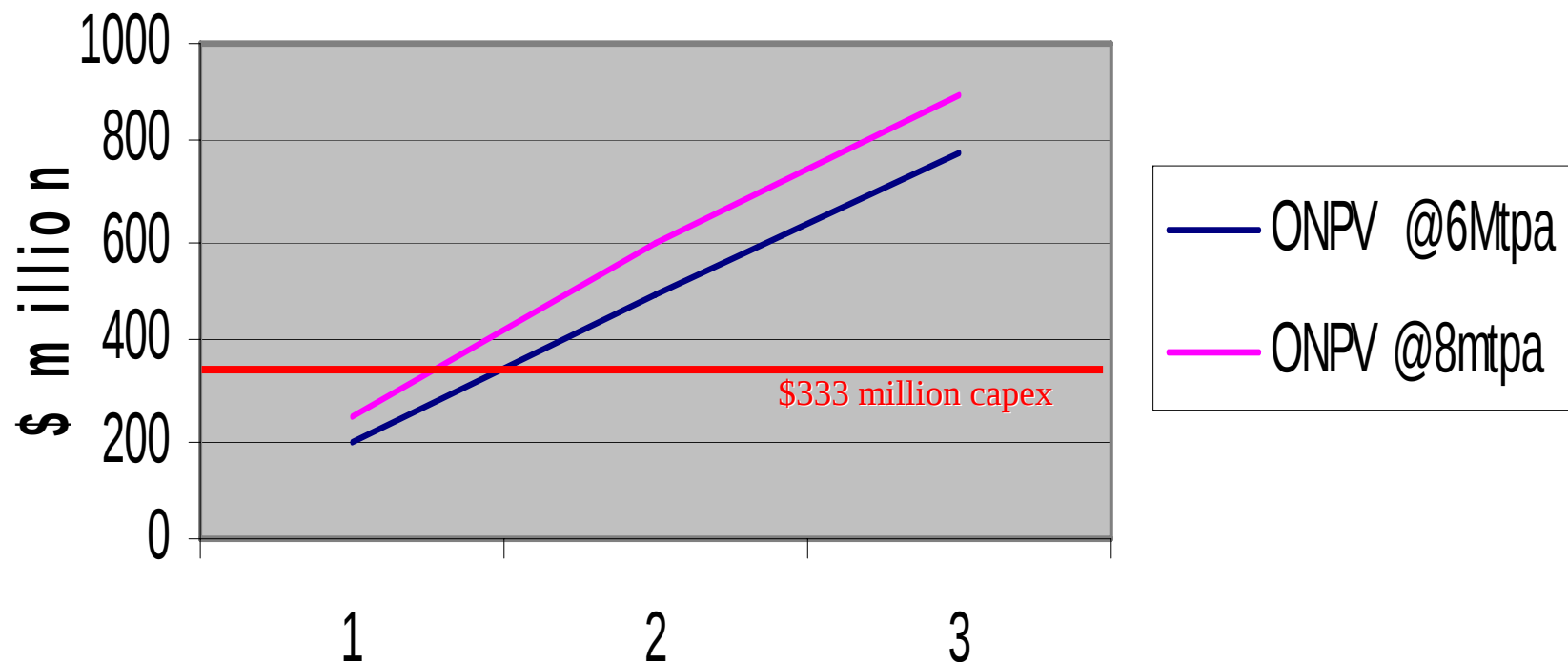
## **Copper Hill Project – Potential Production**

**8 million tonnes per annum throughput  
over a 12-year mine life  
to produce in total recoverable  
260,000 tonnes of copper and  
400,000 to 500,000 ounces of gold  
Worth over  
US\$2 billion**

**@ US\$7000/tonne Cu & US\$890/oz Au at 85% Cu and 55% Au recoveries**



## Copper Hill OPNV's



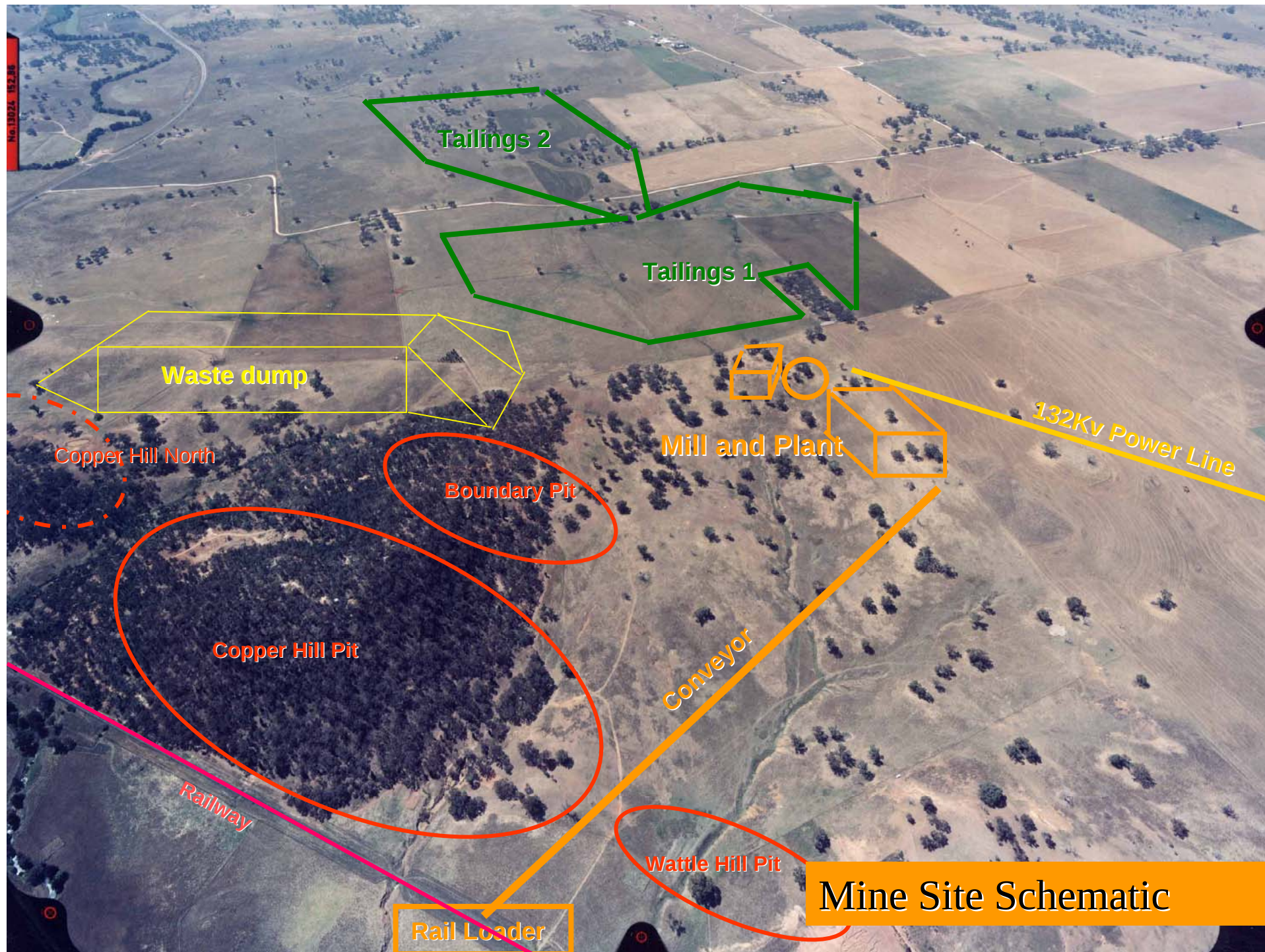
**Case 1: Gold US\$500, Copper US\$1.80/lb.**

**Case 2: Gold US\$600, Copper US\$2.65/lb.**

**Case 3: Gold US\$700, Copper US\$3.50/lb.**

# *Mining & Metallurgy*

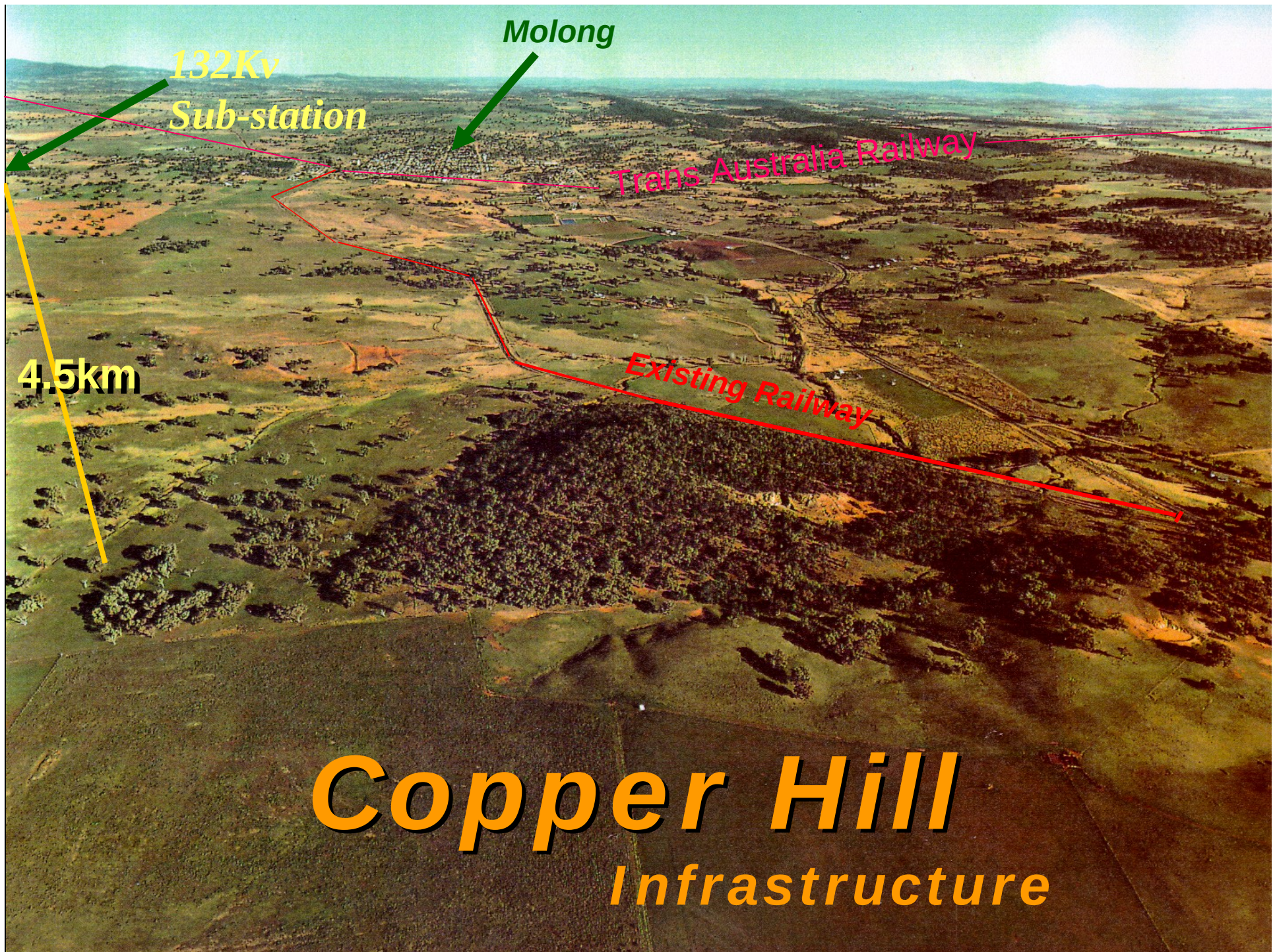
- *Low strip ratio at 0.6 : 1*
- *Geotechnical review positive*
- *Short load-haul-dump to ROM pad*
- *Low BWi indicated = lower cost crushing & grinding*
- *Standard sulphide flotation circuit*
- *85-90% Cu recoveries indicated, Au ~ 55% recovery; may be 85% with CIL circuit/pyrite*
- *‘Clean’, high-quality Cu-Au concentrate*
- *Concentrate loaded on rail at mine gate*



Mine Site Schematic

# *Infrastructure and Support*

- *Railway spur line to the foot of Copper Hill*
- *4.5 km to 132Kv electrical sub-station*
- *Supply chains, fabrication, services*
- *35 km from Lake Burrendong*
- *Molong community support*
- *Cabonne Council support*
- *State Government support*



Molong

132Kv  
Sub-station

Trans Australia Railway

4.5km

Existing Railway

# Copper Hill

Infrastructure

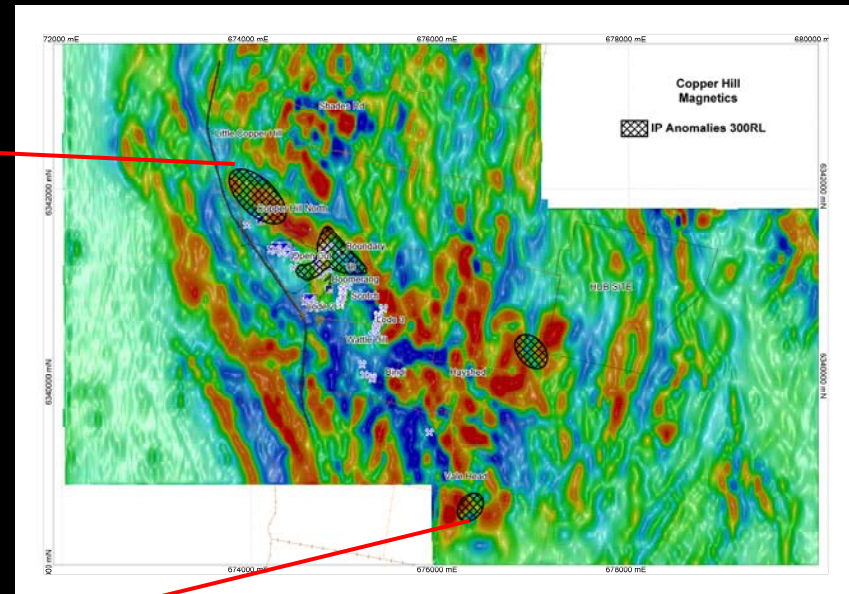
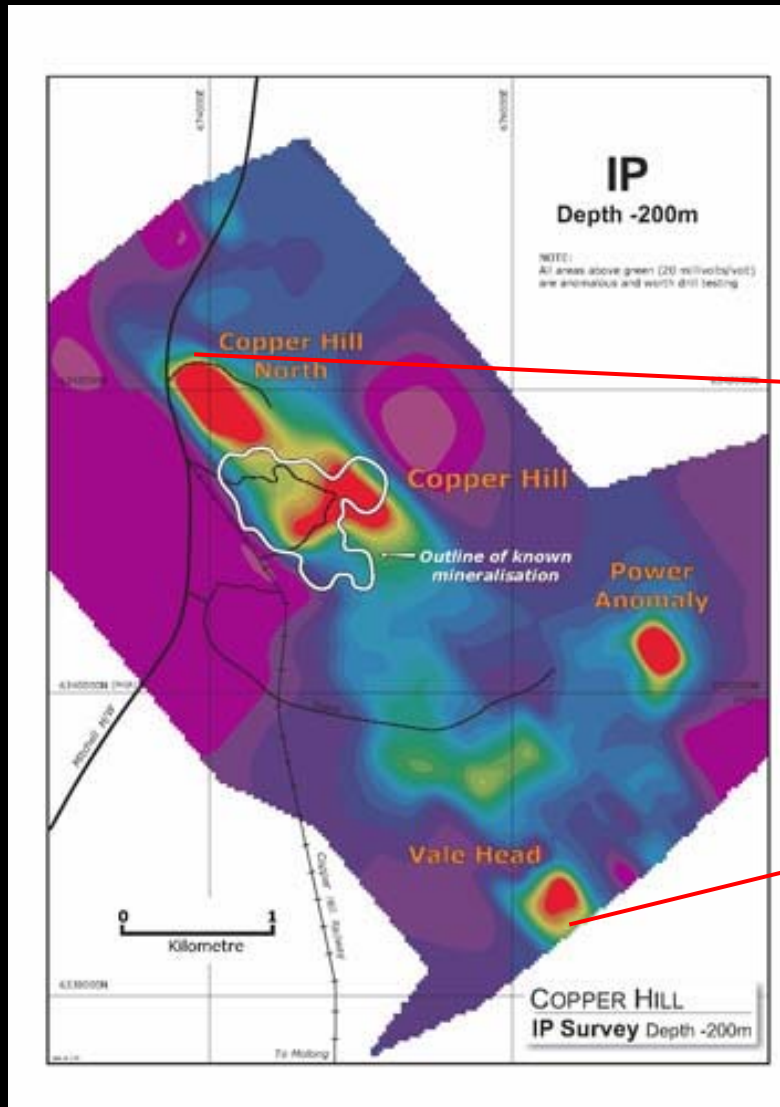


**Copper Hill Railway**



# *New Targets*

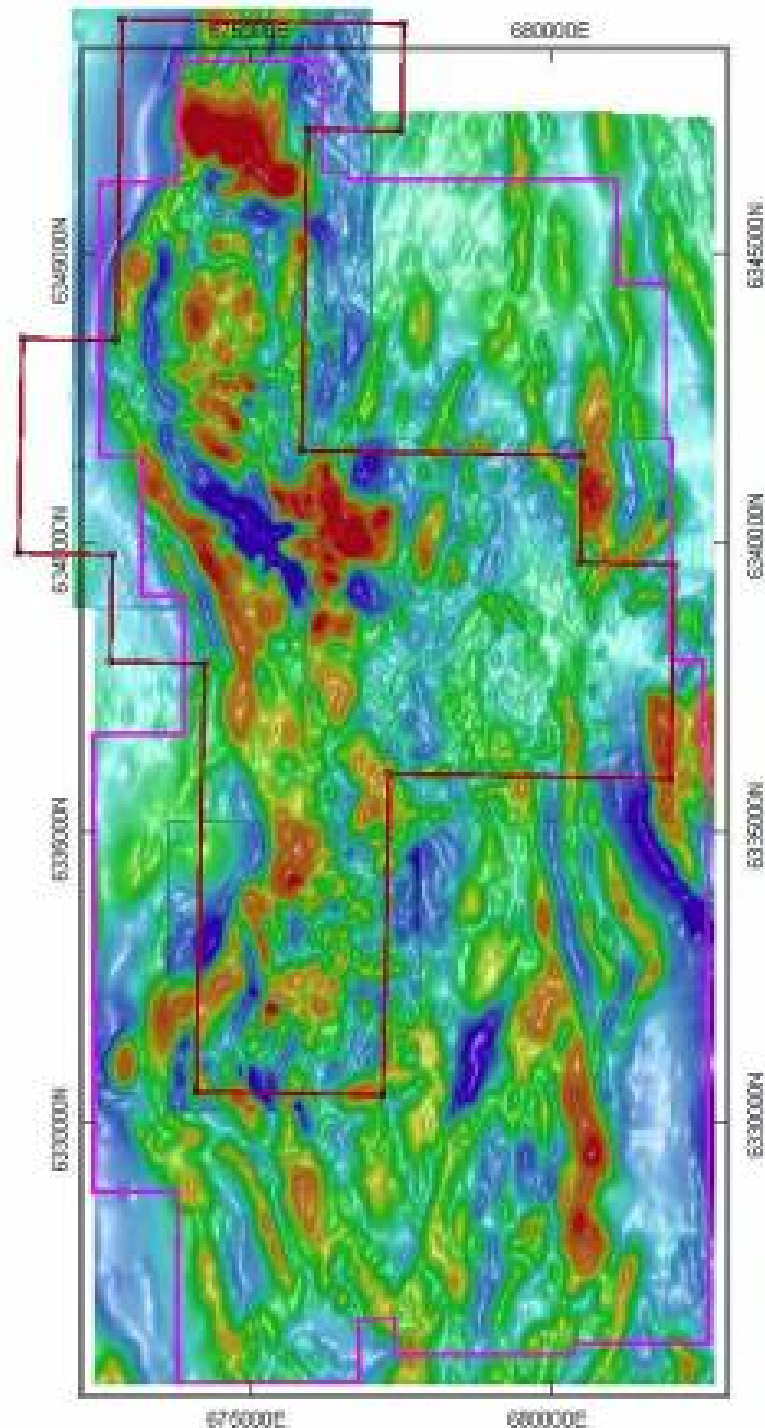
- *Power IP and geochemical Anomaly*
- *Vale Head and Wattle Hill IP anomalies*
- *Little Copper Hill*
- *Boundary – Copper Hill North zone*
- *Southern aeromagnetic anomalies*



**Magnetics**

**Copper Hill – Power – Vale Head IP**





## Copper Hill Aeromagnetics



## **GCR - Joint Ventures**

Broken Hill – Vale (CVRD-Inco)

Cargo – Cybele Resources (Calibre Mining)

Cullarin - Tri Origin

Kempfield, Sunny Corner & West Wyalong –  
Argent Minerals

Mount Isa Phosphates – Legend International

Mulga Tank – Newport Exploration

Wagga Tank – Zinifex

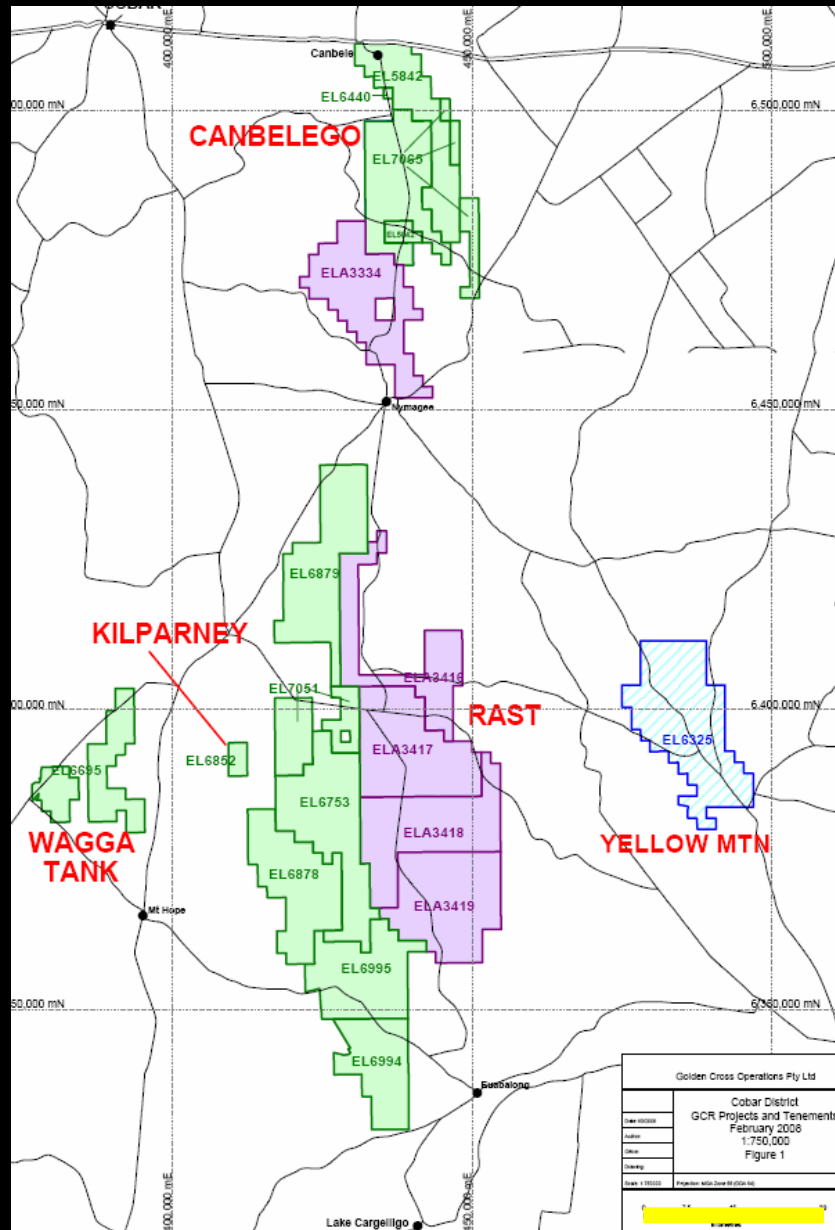
**Total for earn-ins = \$18.3 million**

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Yellow Mountain – CBH (GCR 30%, contributing)

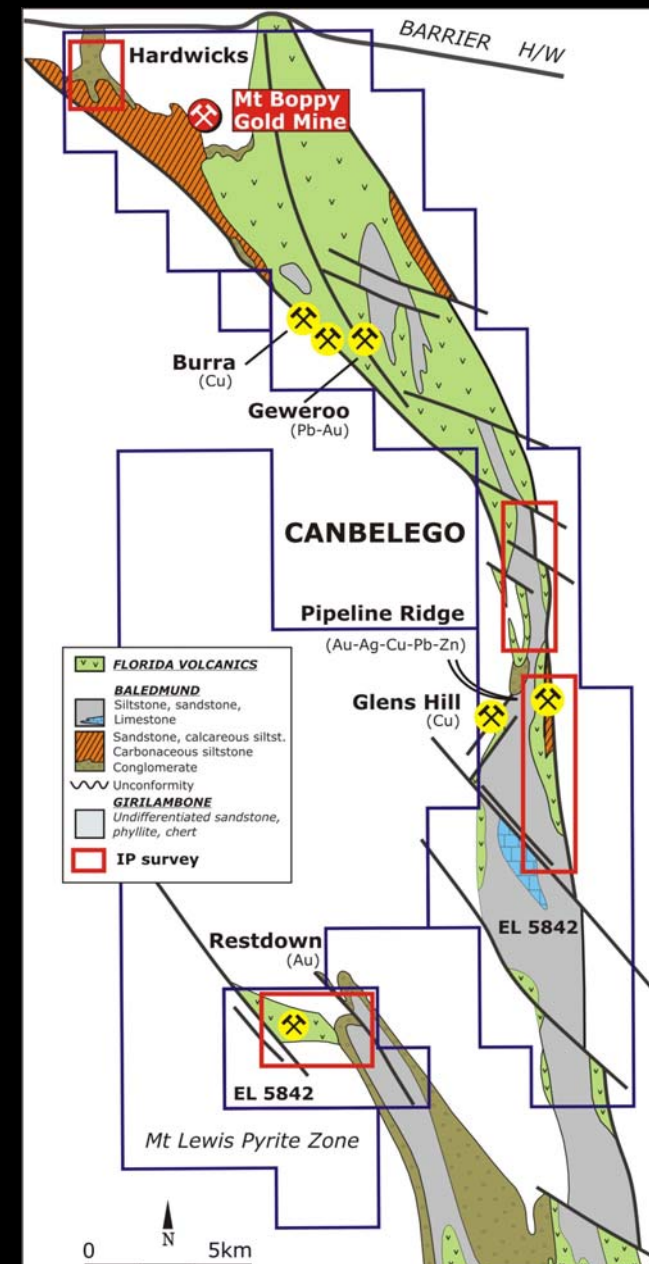
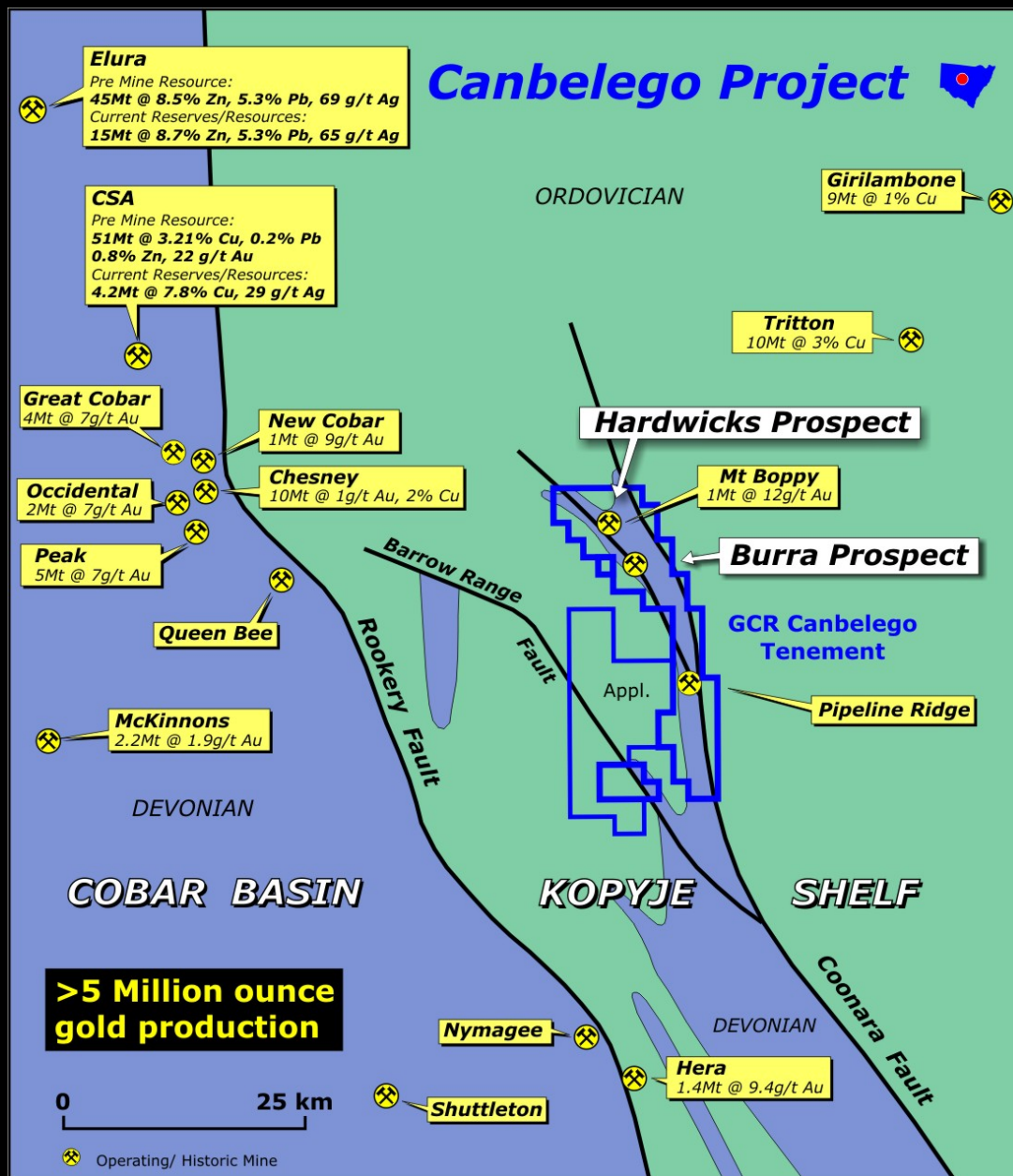
# Gold and base metals in the Cobar Basin



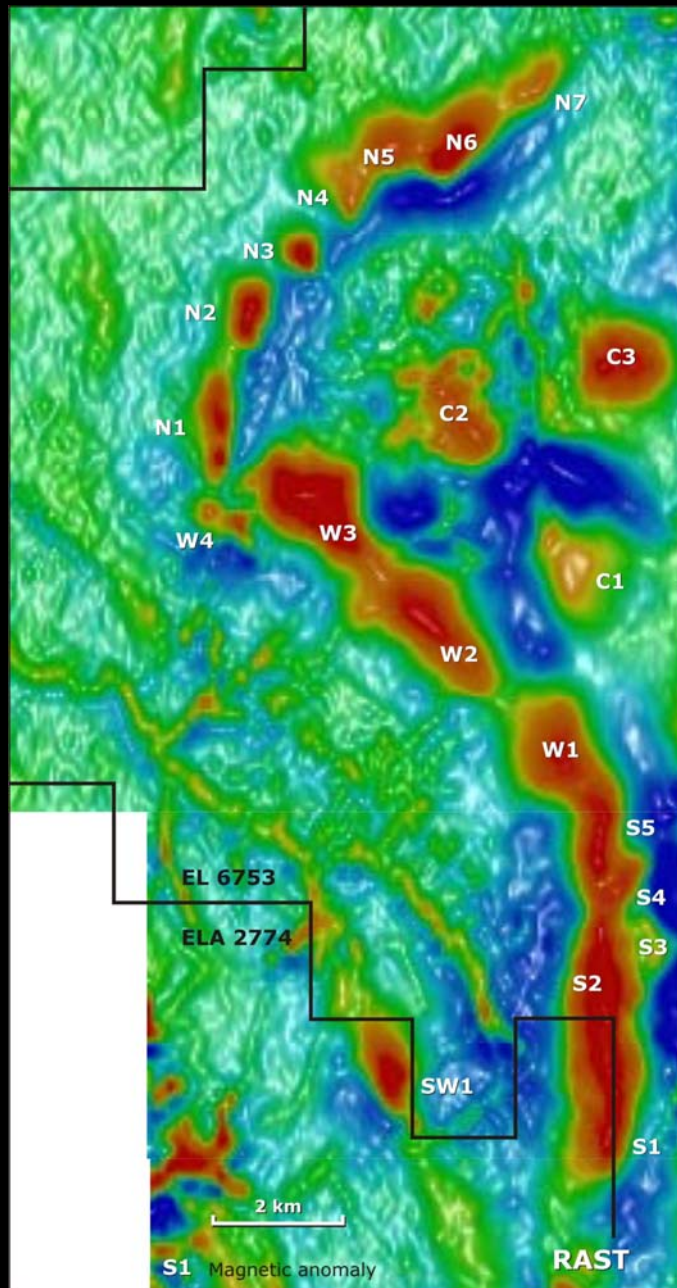
< 50km >

GCR's Cobar region tenements. Large areas of Ordovician and Silurian rocks prospective for gold - and base metals





**Canbelego Au – Cu-Pb-Zn**



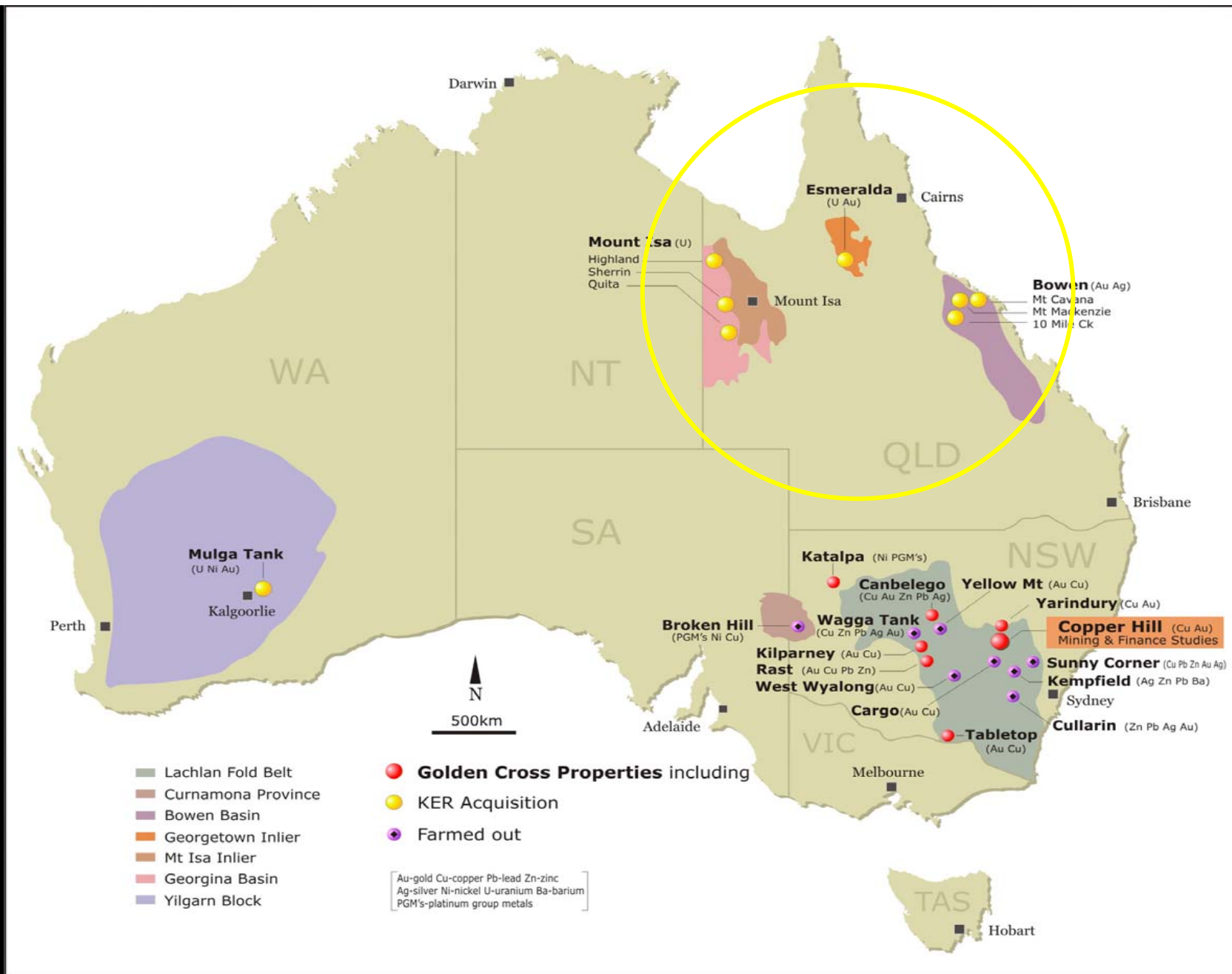
## Rast Project Areas – Cobar Basin

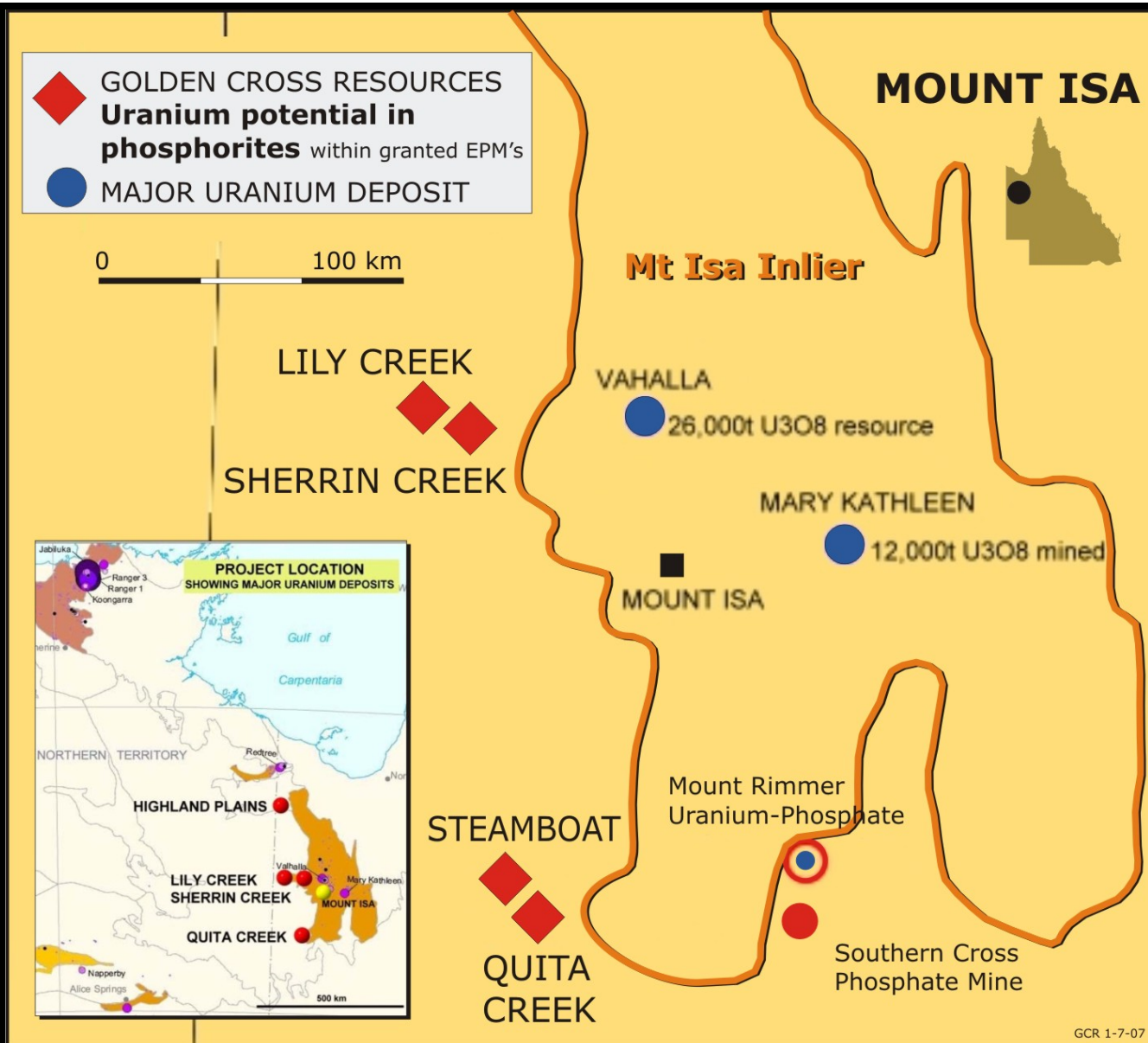
### ~Airborne Magnetic Anomalies~

An assessment of the airborne magnetic data over much of the Rast South tenement block has identified a total of 20 magnetic anomalies.

The sources of these anomalies are unknown, as most lie in areas of no outcrop and some are masked by transported overburden. Minimal exploration has been undertaken in this area in the past.

Potential also exists for non-magnetic Hera-style gold+base metal mineralisation located in favourable structural-stratigraphic positions. RC and diamond drilling completed. Trace chalcopyrite, galena and sphalerite of hydrothermal origin in core at C3 anomaly.



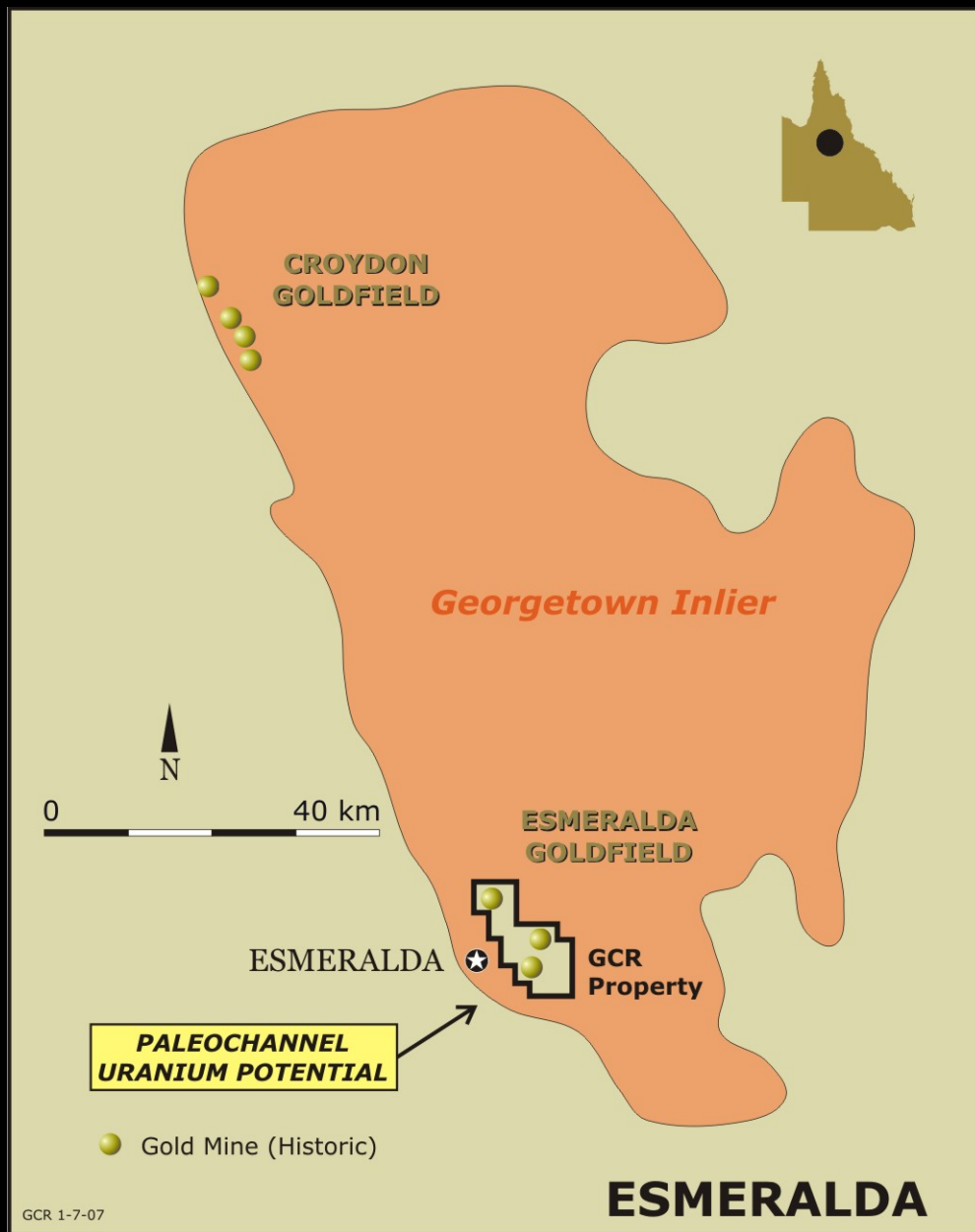


**Mount Isa**  
**480 million**  
**tonnes @**  
**15% P<sub>2</sub>O<sub>5</sub>.**

**GCR will retain 20%, free-carried to decision to mine, if Legend International earns its 80%. GCR retains 100% of all other minerals**



**~including uranium and IOCG style targets~**



## Esmeralda Goldfield

108 historical rock-chip samples confirmed the high grade nature of the workings, with 50% the samples assaying >3.0 g/t gold and a 25% assaying >10.0 g/t gold, with a maximum of 59.2 g/t gold.

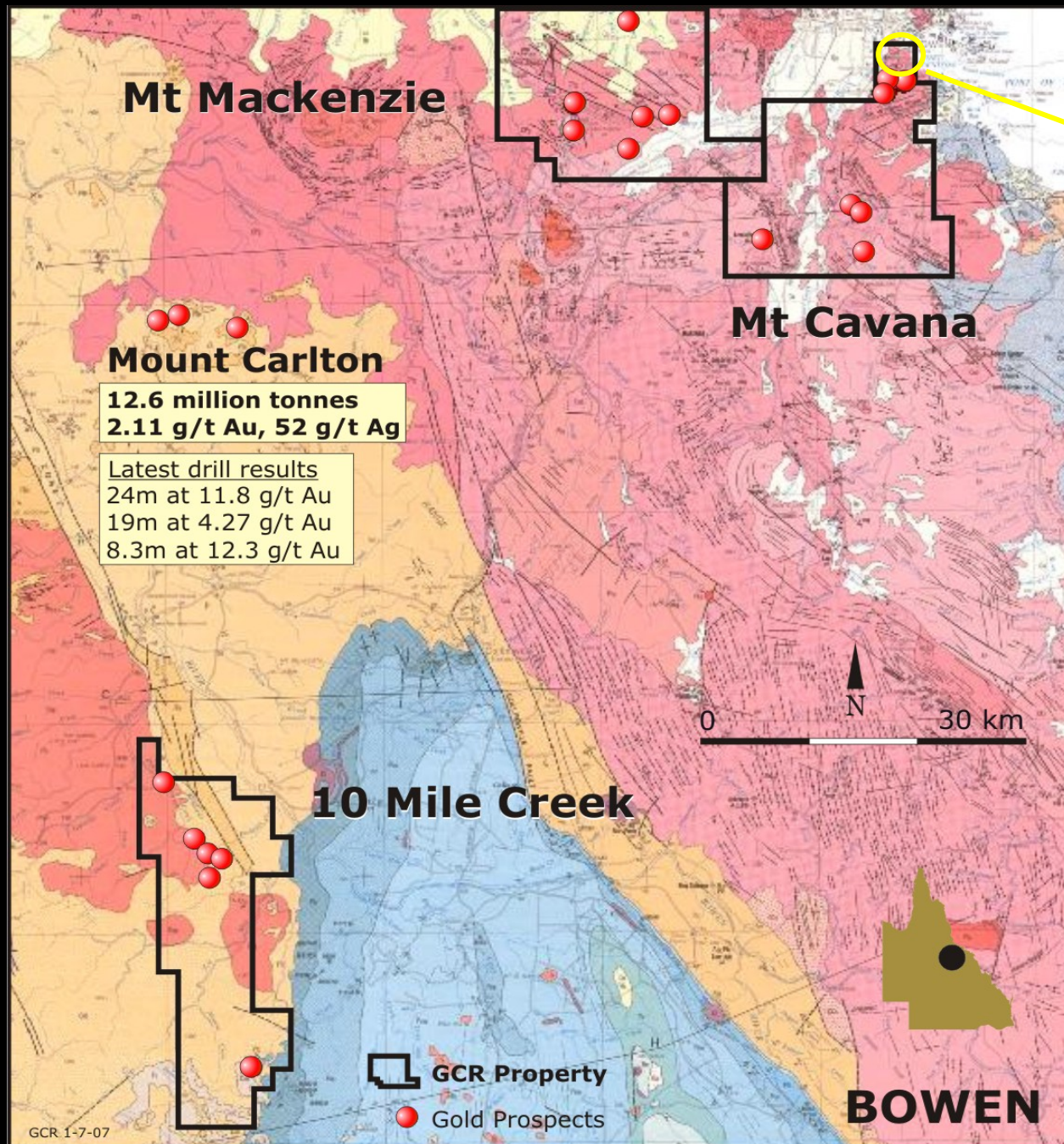
### *Trenches*

- Central workings: 3.0 metres of 3.3 g/t gold  
9.0 metres of 2.0 g/t gold  
1.0 metre of 36.8 g/t gold
- Eastern workings: 3.0 metres of 4.9 g/t gold
- Western Reef 4.0 metres of 8.6 g/t gold
- Middle Reef 2.0 metres of 16.7 g/t gold
- Main Reef 3.0 metres of 4.7 g/t gold
- Eastern Reef 2.0 metres of 8.9 g/t gold

*Drilling 13 RCP holes for 590 metres (av. depth 45 metres).*

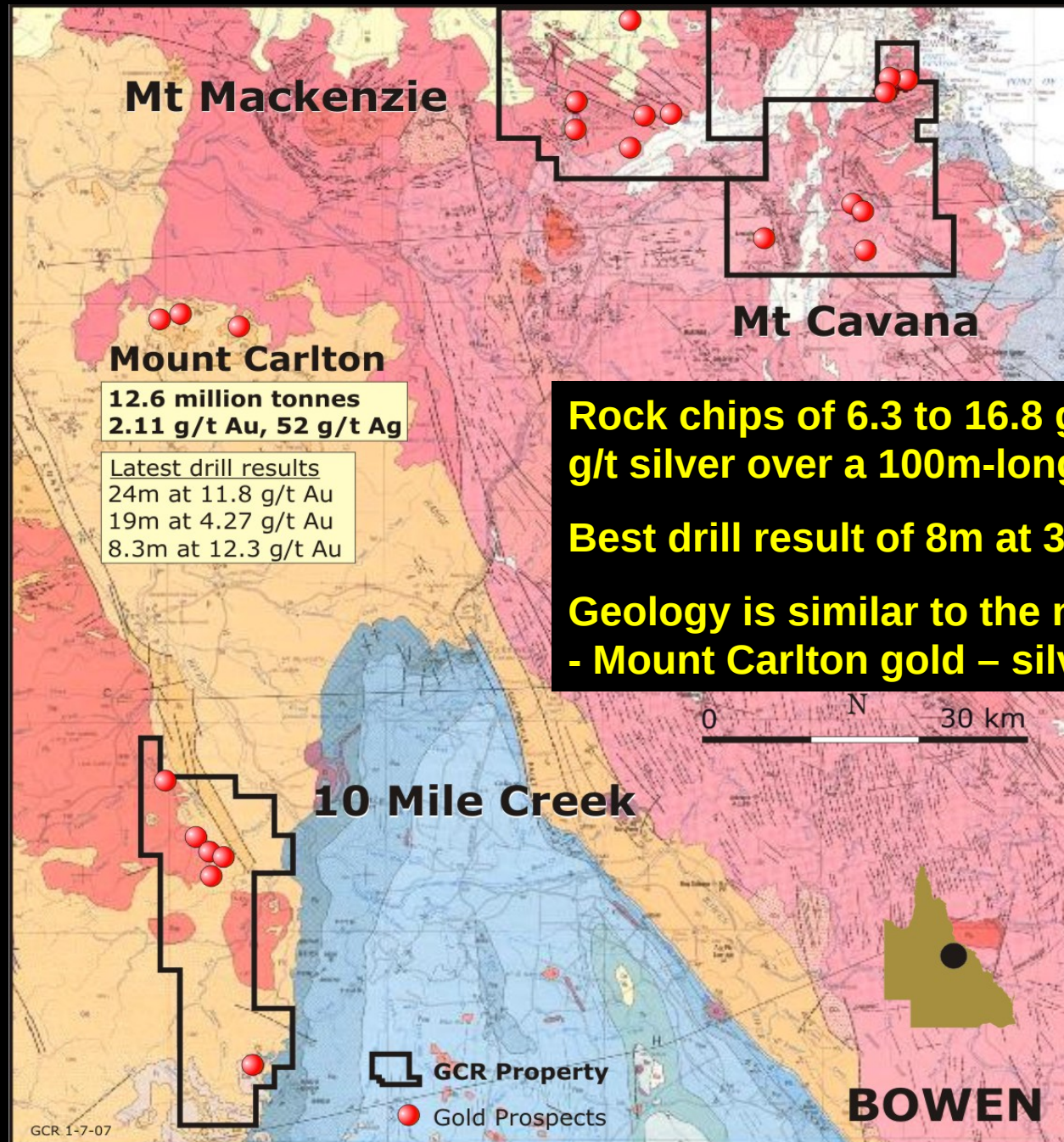
- Main Reef 9.0 metres of 1.0 g/t gold 3.0 metres of 5.9 g/t gold
- Western Reef 6.0 metres of 2.0 g/t gold
- Middle Reef 2.0 metres of 5.4 g/t gold
- Eastern Reef 6.0 metres of 2.2 g/t gold





**Bowen**





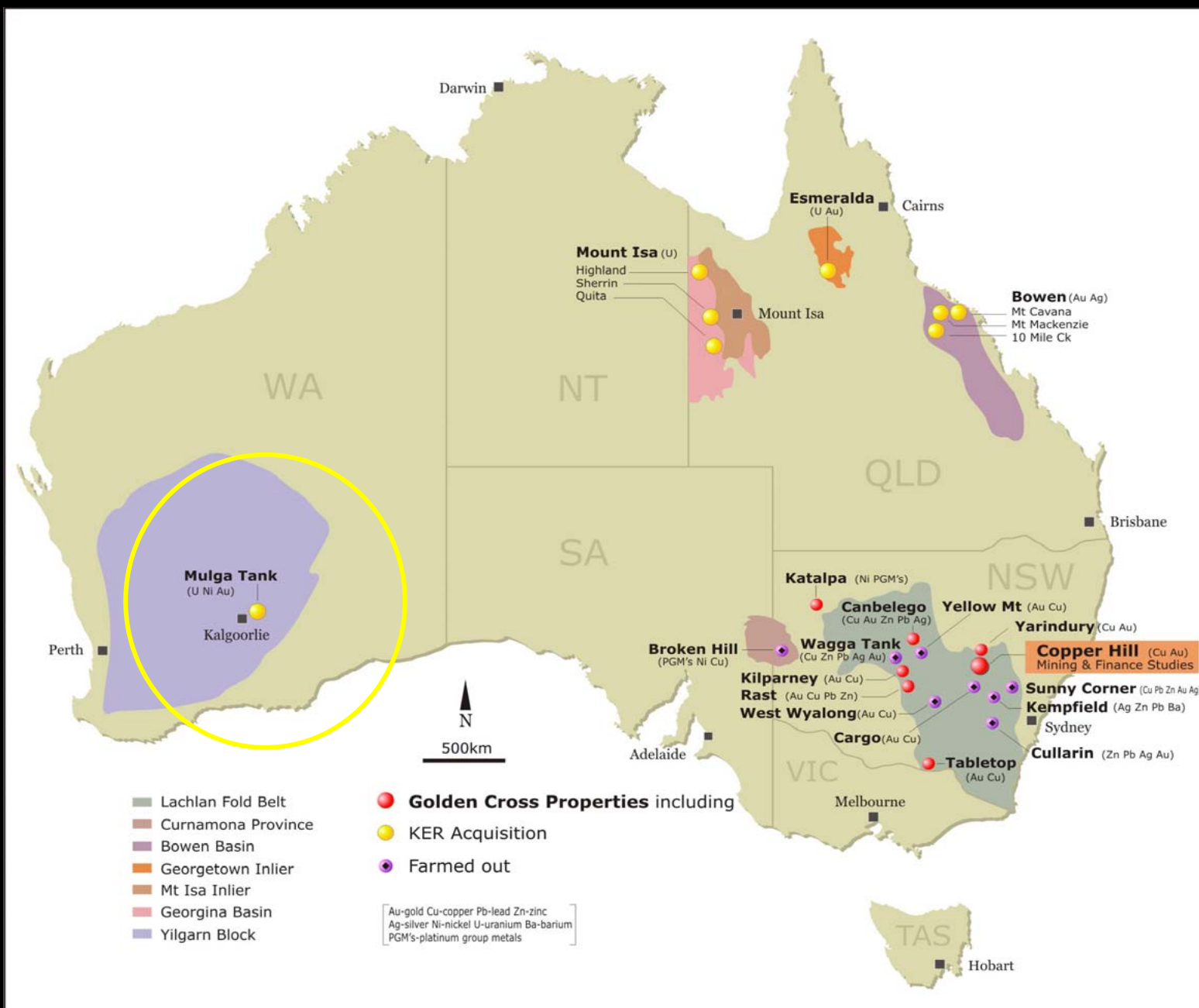
**Rock chips of 6.3 to 16.8 g/t gold and 105 g/t silver over a 100m-long zone.**

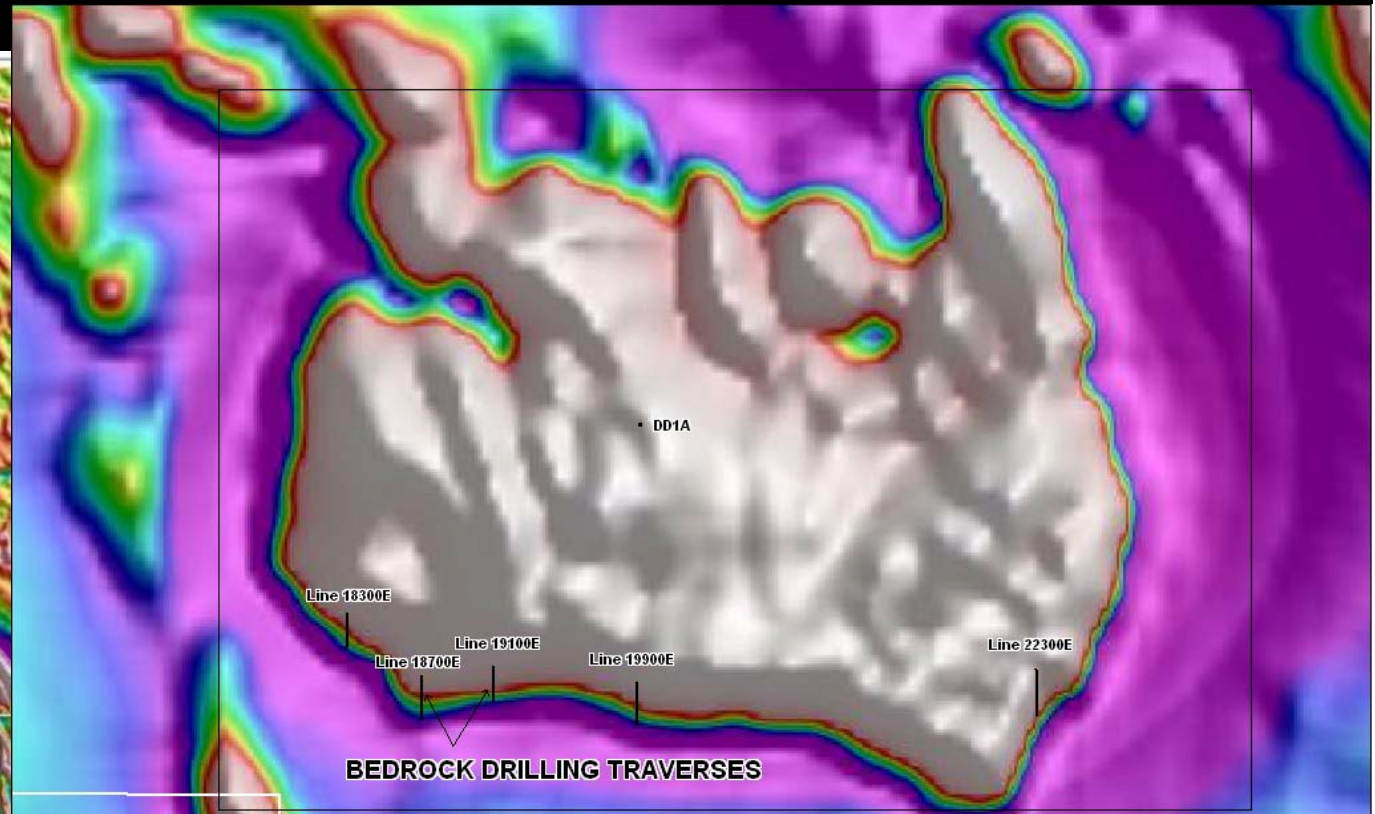
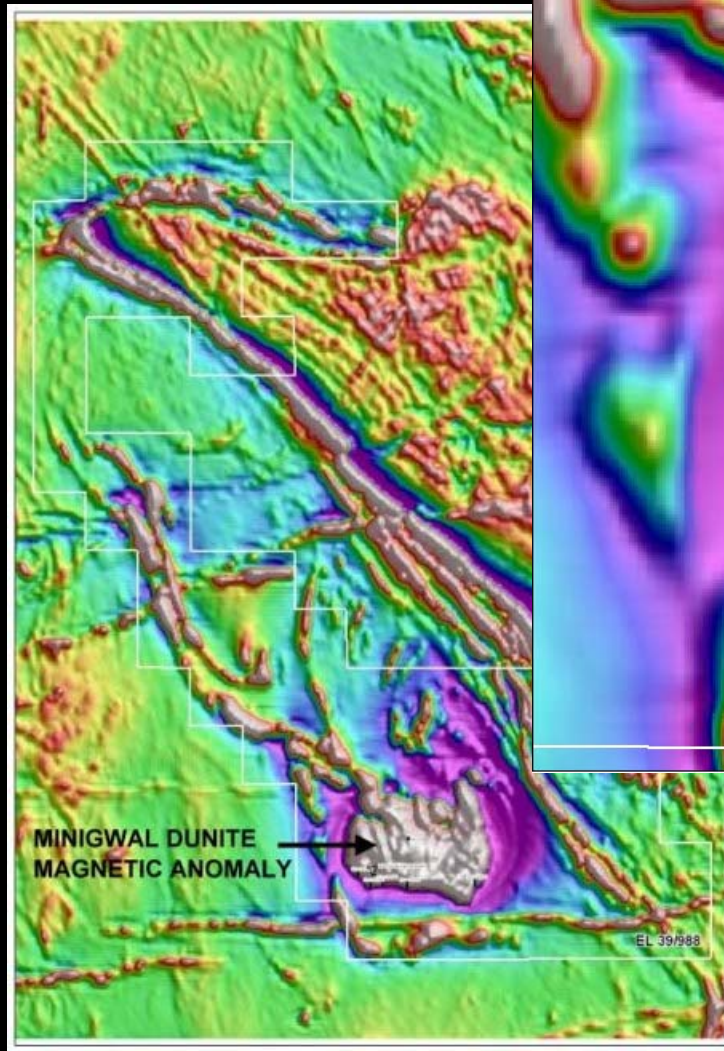
**Best drill result of 8m at 3.2 g/t gold.**

**Geology is similar to the nearby Silver Hill - Mount Carlton gold – silver discoveries.**



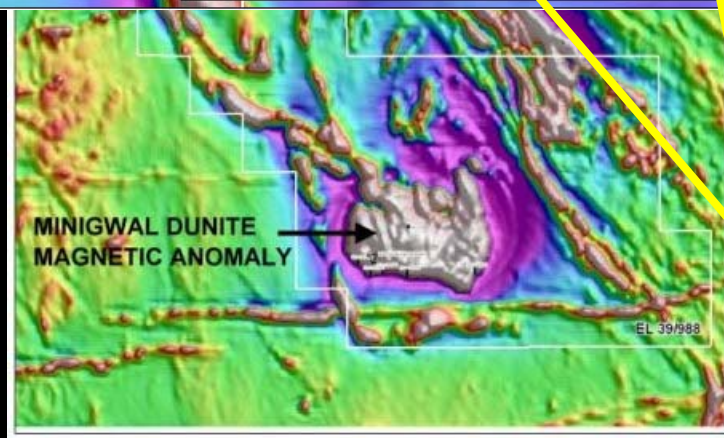
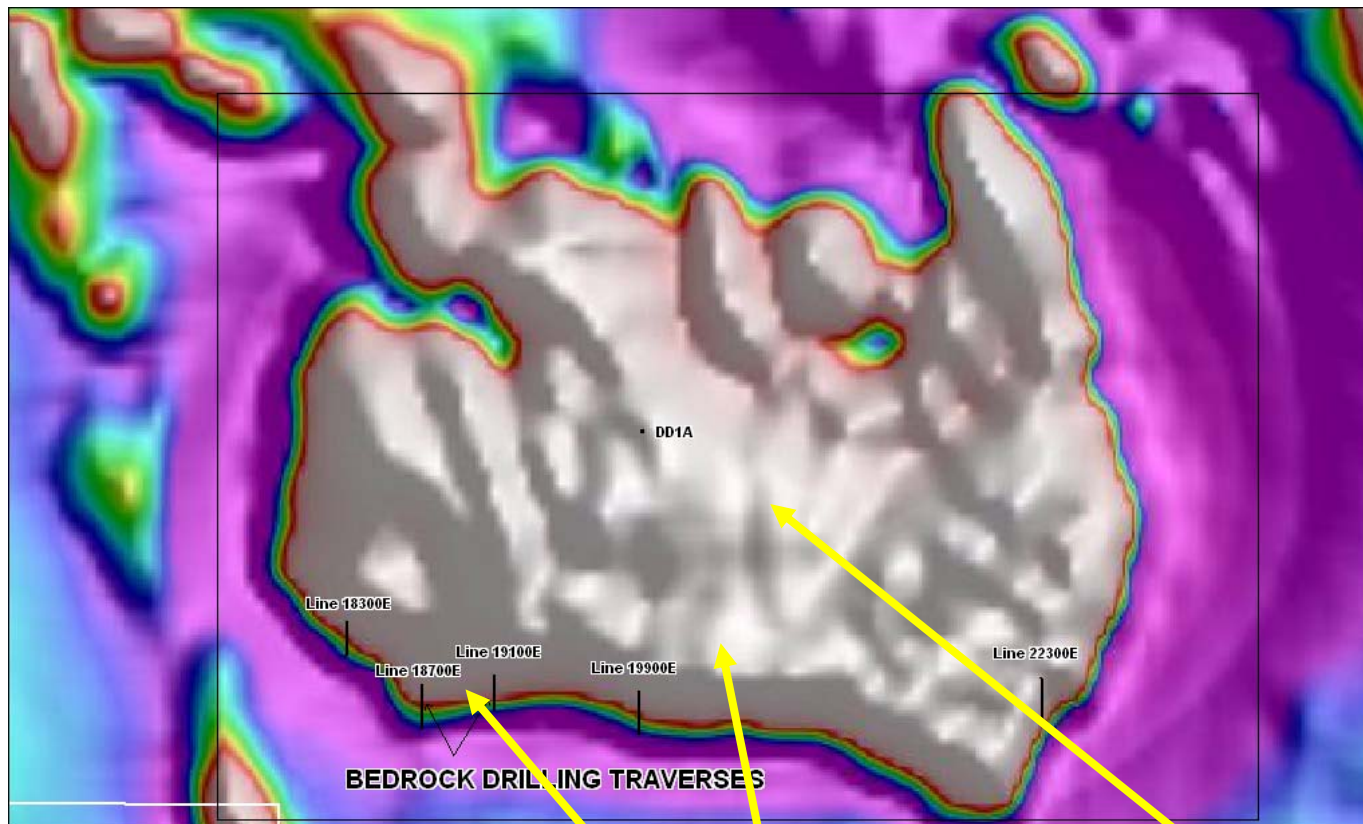
**Bowen**





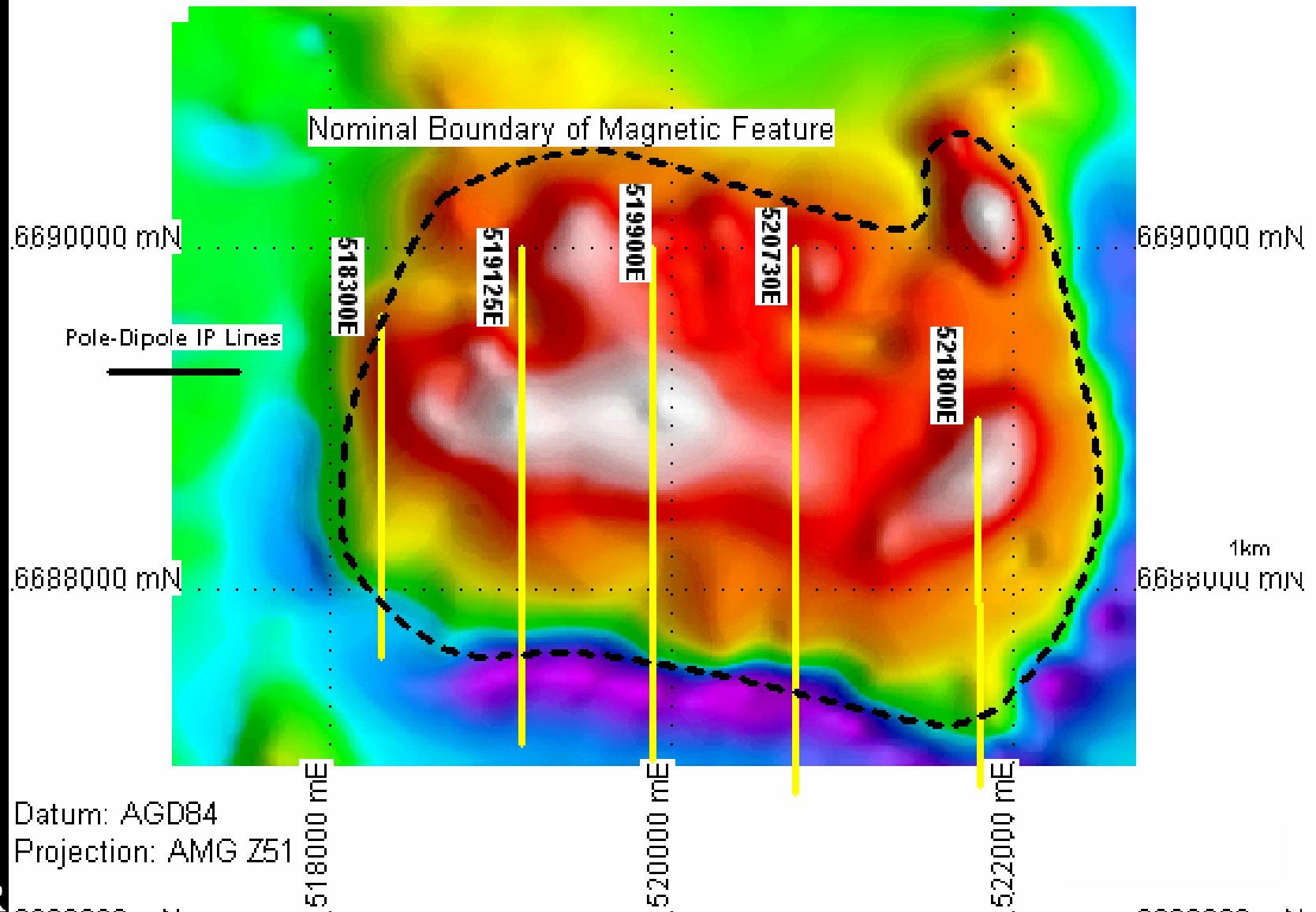
## Mulga Tank Magnetics

**The 4 km x 3 km Minigwal Dunite, (olivene-rich peridotite) stands out clearly.**



**Hole MTD001 averaged 0.20% nickel across the entire 270m of serpentinised dunite from 67.3m**  
**MTD002 returned 0.19% nickel over 212m (from 60m).**  
**Shallow RAB samples assayed up to 2% nickel.**

## Location of Pole-Dipole IP Survey Lines (background of ground magnetics)





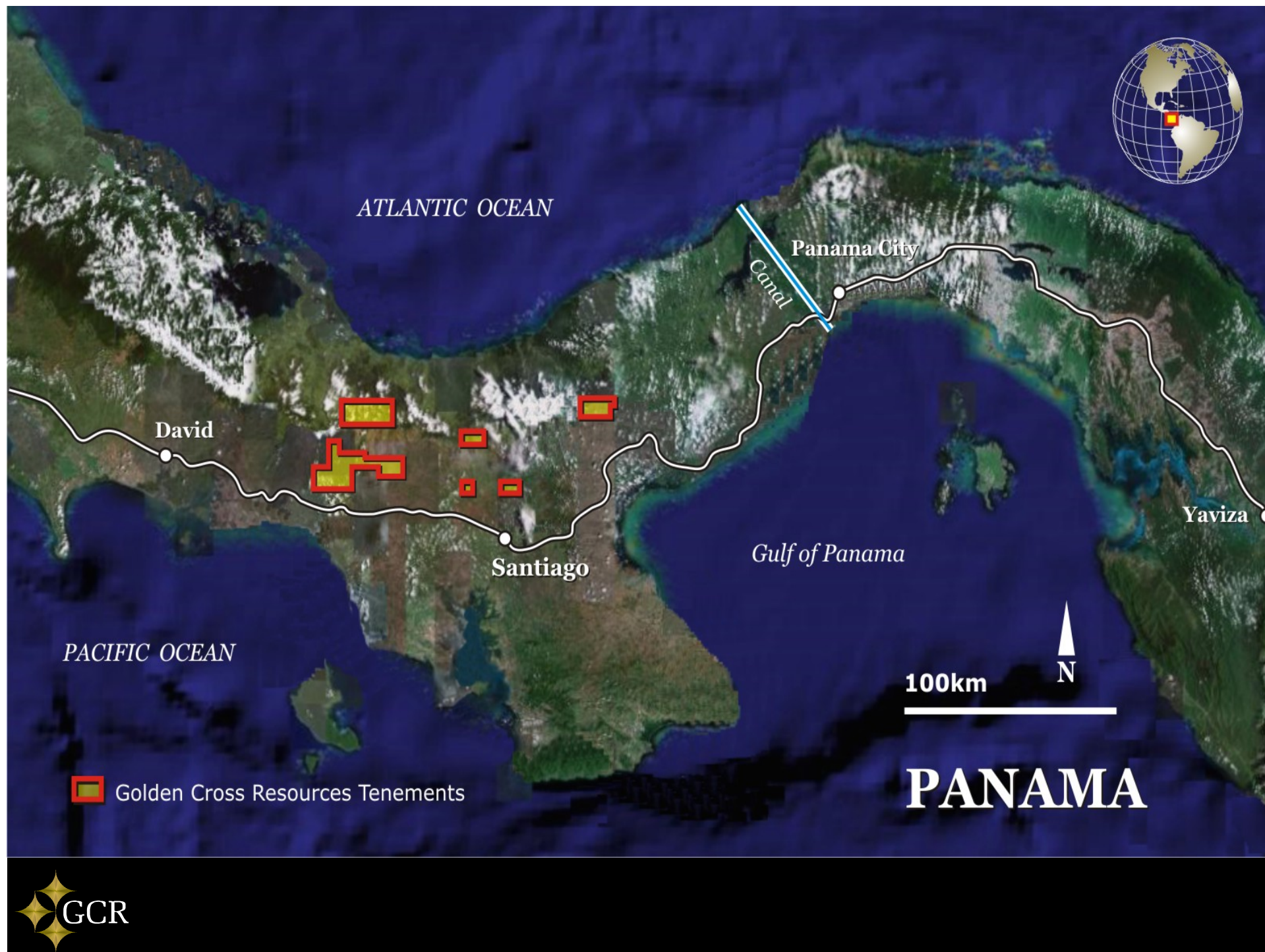
Global GeoInfo

[illegible]

|                                                                                                                                                                        |                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| <p align="center"><b>King Eagle Resources</b></p> <p align="center">Midsize Tank Project</p> <p align="center">1P Harvey Feb 2005</p>                                  |                                                        |
| <p align="center">Pete Skjold's 1P50 reliability survey</p> <p align="center">Gordon Skjold's Tank with 1P50 reliability survey</p> <p align="center">Line 5207002</p> |                                                        |
| <p>Author : Peter Skjold</p> <p>Drawn : Clifford Chisholm</p> <p>Date : 6 Apr 2003</p> <p>Scale 1 : 1:1000</p>                                                         | <p>Ref:</p> <p>Export To:</p> <p>Plan No. : Plan 6</p> |

A wireframe globe showing the continents of North and South America. A red square is drawn around the country of Panama, which is located on the Isthmus of Panama connecting the two continents. The globe is set against a dark gray background.

**Gold in Panama**



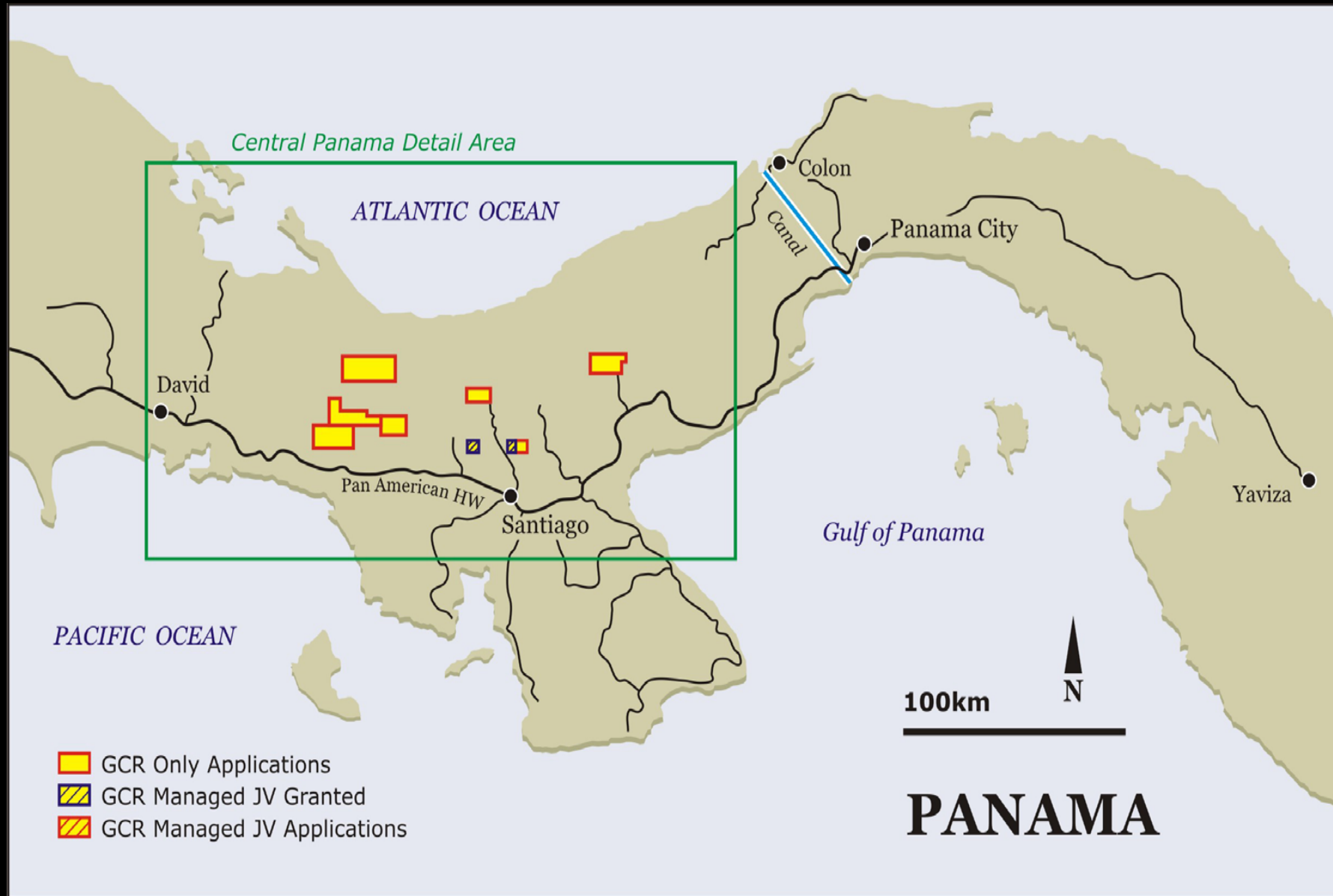


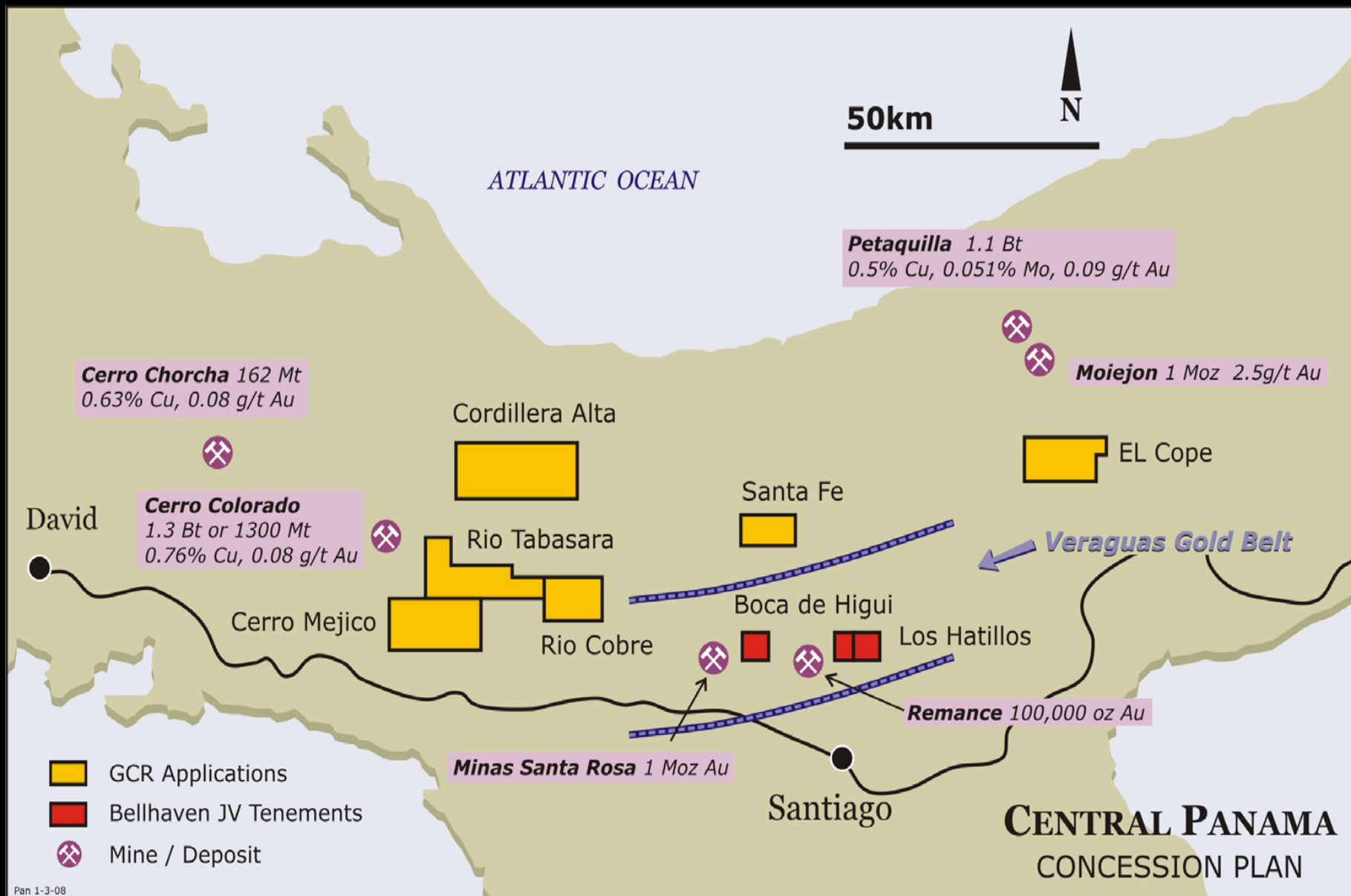
**Panama – a democratic republic with close ties to the United States. \$US currency.**

**It has an open-market economy and a strong banking sector.**



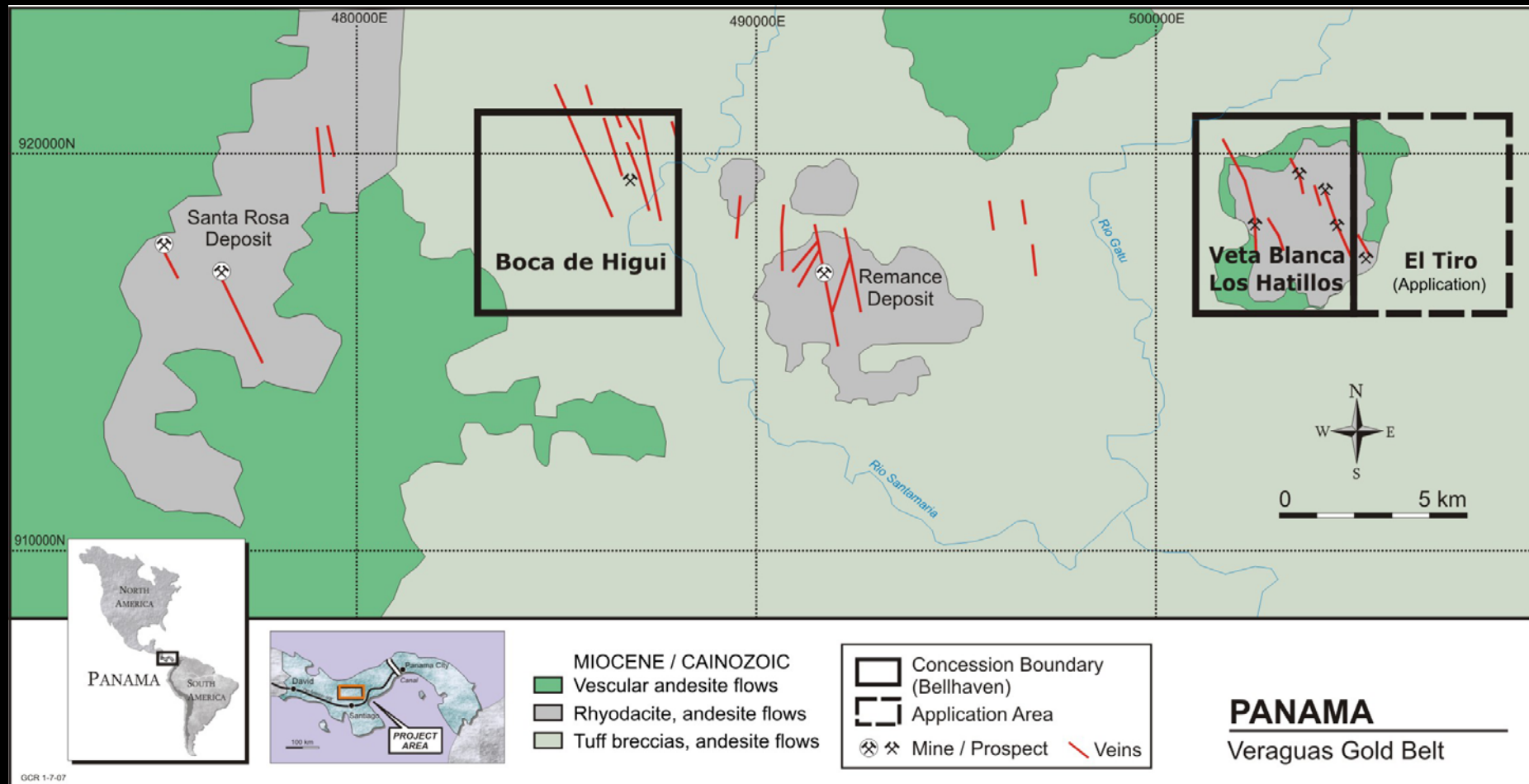
**The economy is vibrant.  
Panama's currency is the US dollar, with  
no exchange restrictions.  
Company income tax rate is 30%, and a  
2% net smelter return government  
royalty is payable on mine production.**





Pan 1-3-08





PANAMA

Veraguas Properties



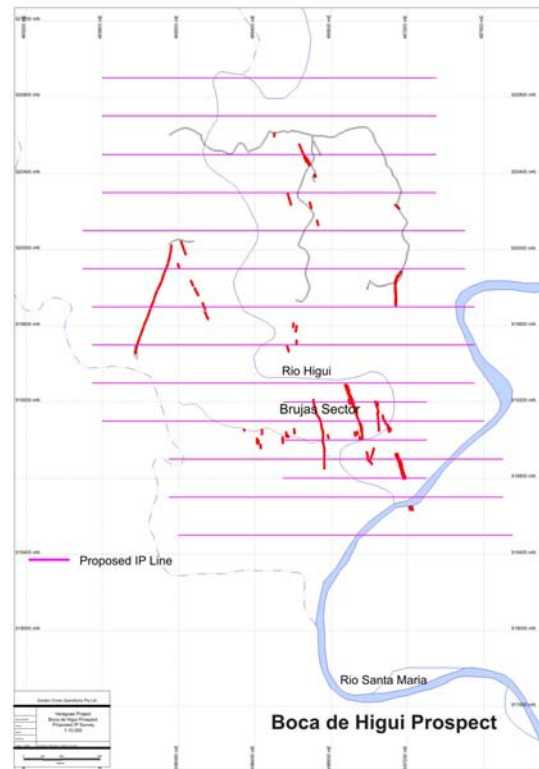
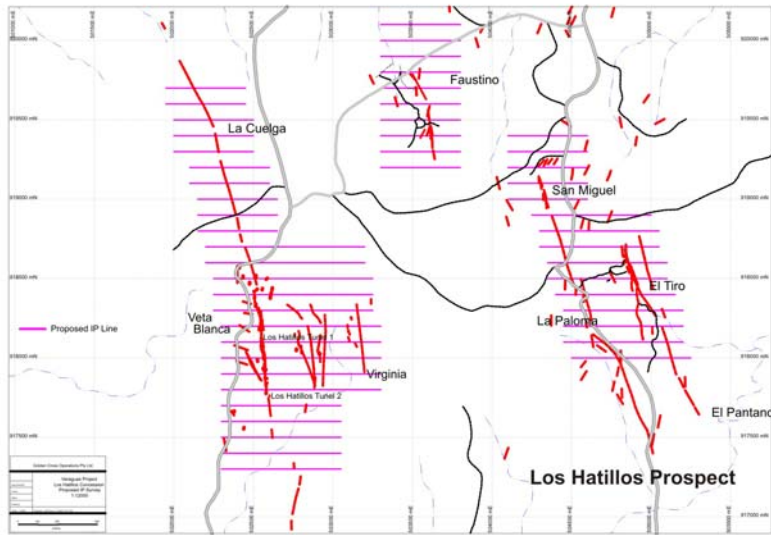




**Rob Harley, GCR Exploration Manager, in his element**



**62.8 g/t gold in float– El Tiro**



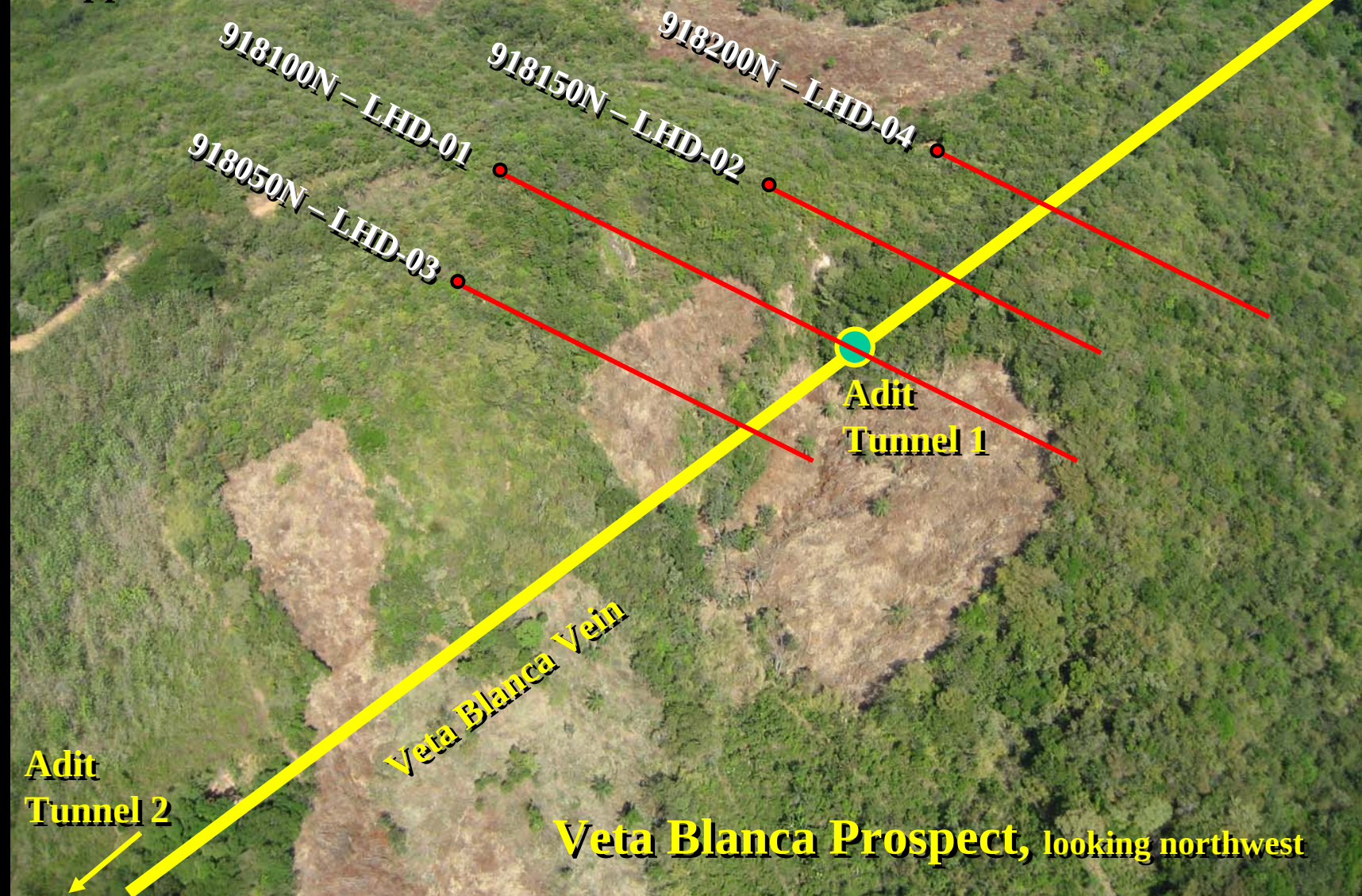
**Veraguas Project**  
Proposed IP Survey

**Veraguas vein  
systems showing  
IP lines**



# Proposed Drill Holes –

approximate location



Veta Blanca Prospect, looking northwest

LHD-01

TRENCH L

350mRL

300mRL

250mRL

502500E

502600E

Saprolite

Quartz and  
base metal veins

Andesitic volcanics

Brecciated and altered  
andesitic volcanics

Andesitic volcanics

Brecciated and altered  
andesitic volcanics

Intense shearing

Brecciated and altered  
andesitic volcanics

Intensely altered and  
veined andesitic volcanics

Andesitic volcanics

41m strike length of vein material averaged  
27.2 g/t Au, 0.25% Cu, 4.8% Pb, 5.0% Zn  
(width 1.2m)

Tunnel 1 Adit

Tunnel 2 Adit

Veta Blanca Shear Zone

Zone grading

11.54 g/t Au, 20.3 g/t Ag,  
0.12% Cu, 2.3% Pb, 3.55% Zn

300mRL

250mRL

Los Hatillos - Panama

**VETA BLANCA**

Section 918100N

210.45m

0

50m



Pan 15-5-08



**Veta Blanca core – LHD-01**

**Proposed Drill Holes –  
approximate location**

LHD-05 - 918650N

LHD-06 - 918600N

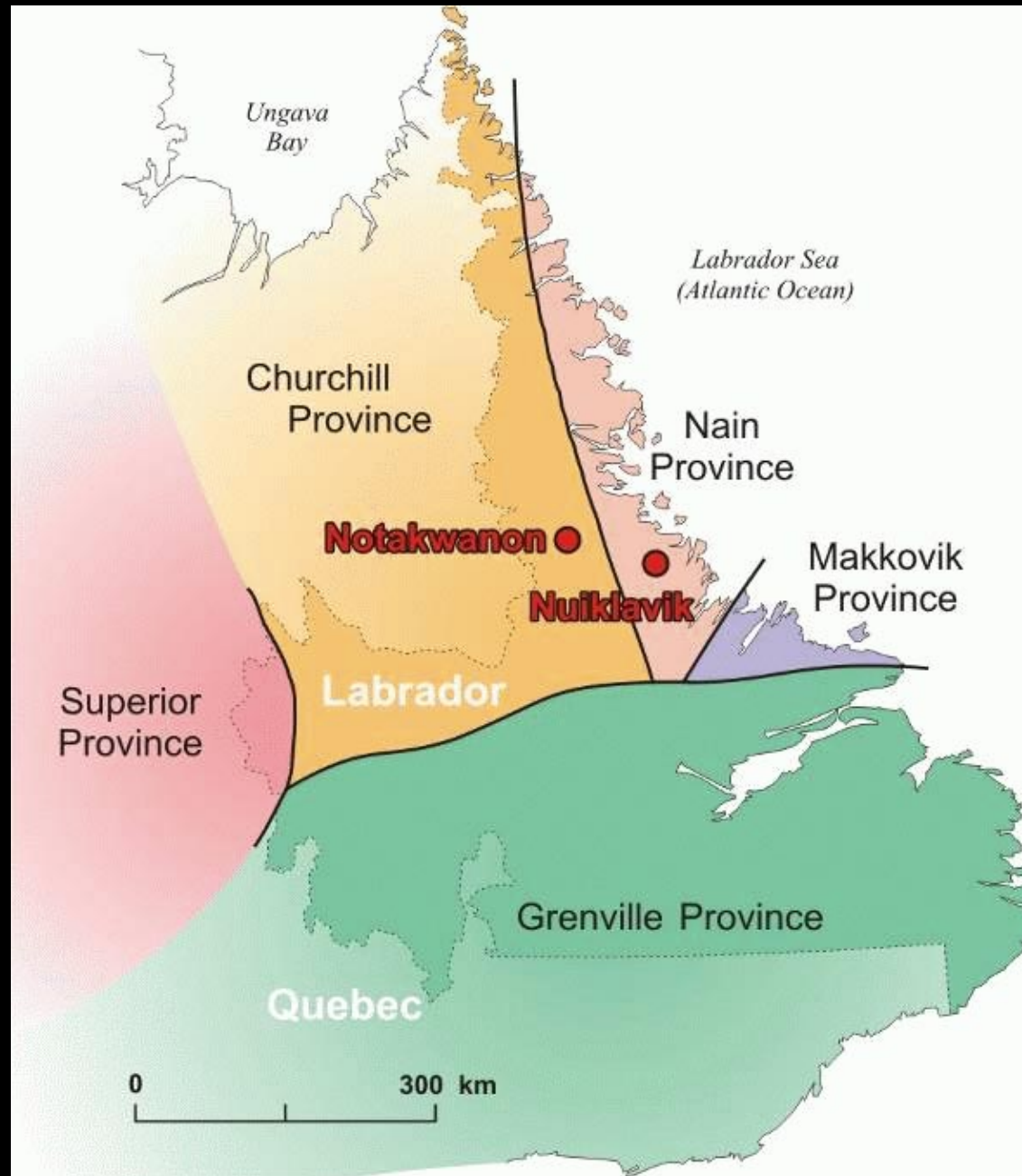
LHD-07 - 918550N

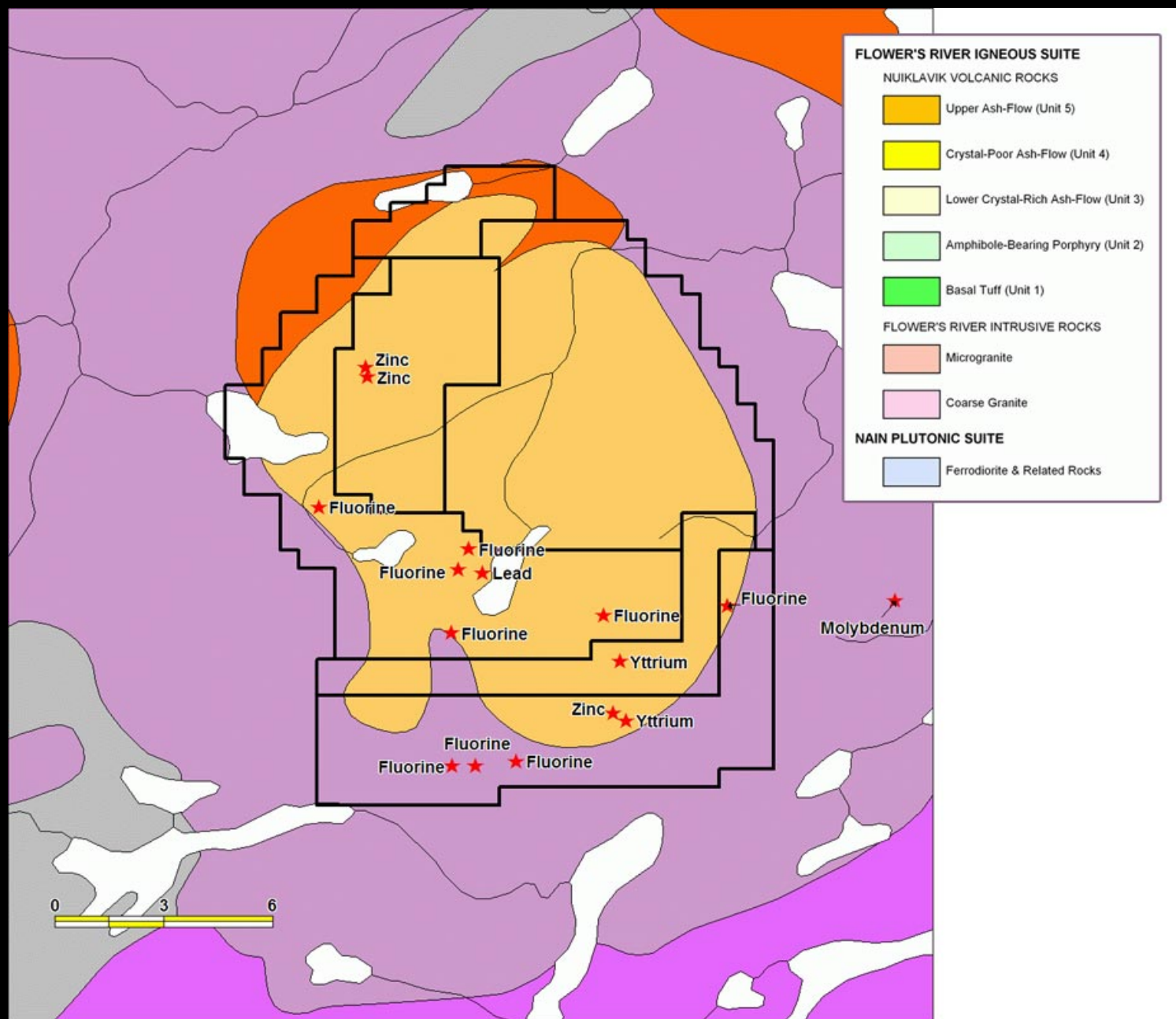
**El Tiro Prospect, looking northeast**

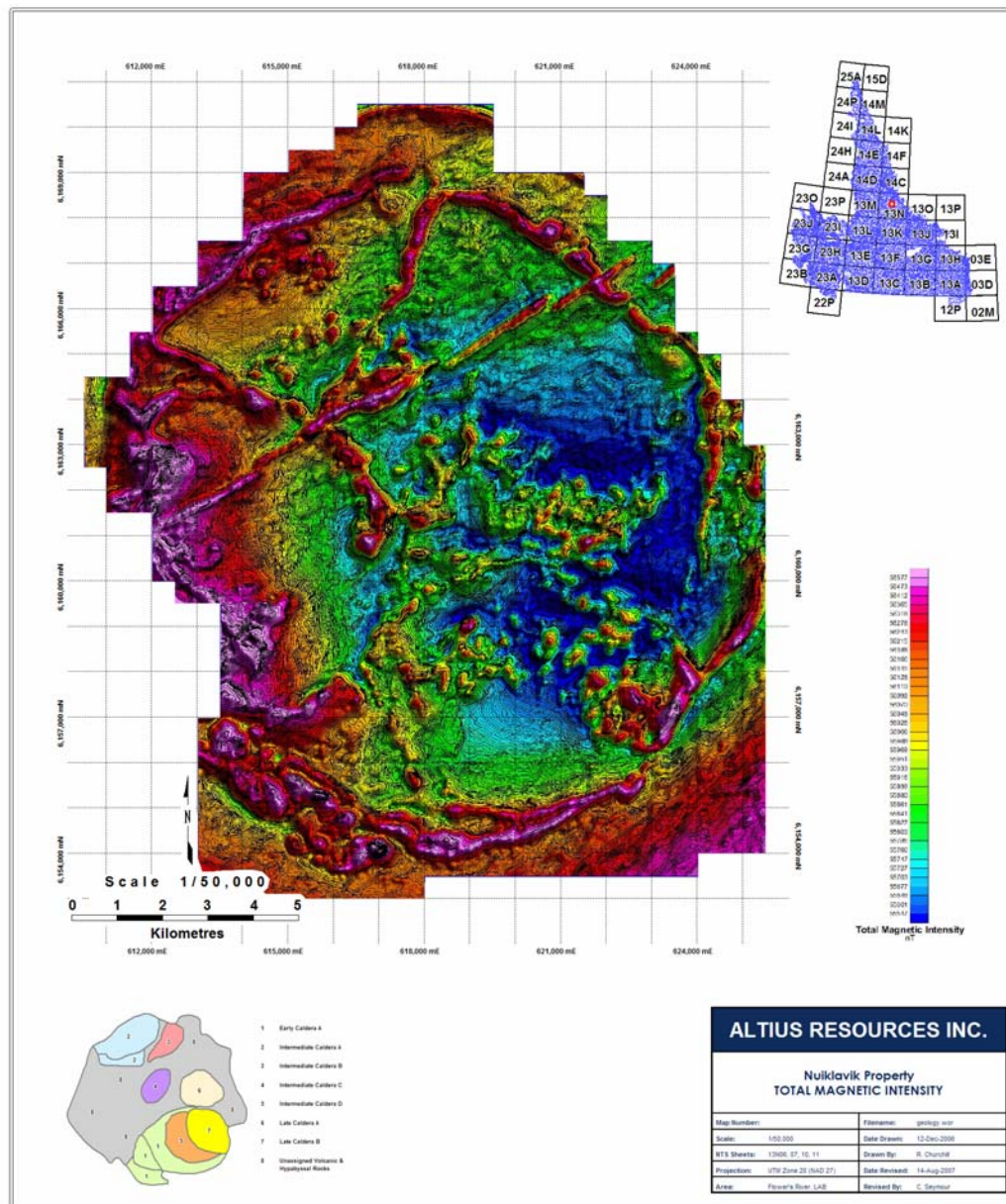


Labrador Uranium - Canada





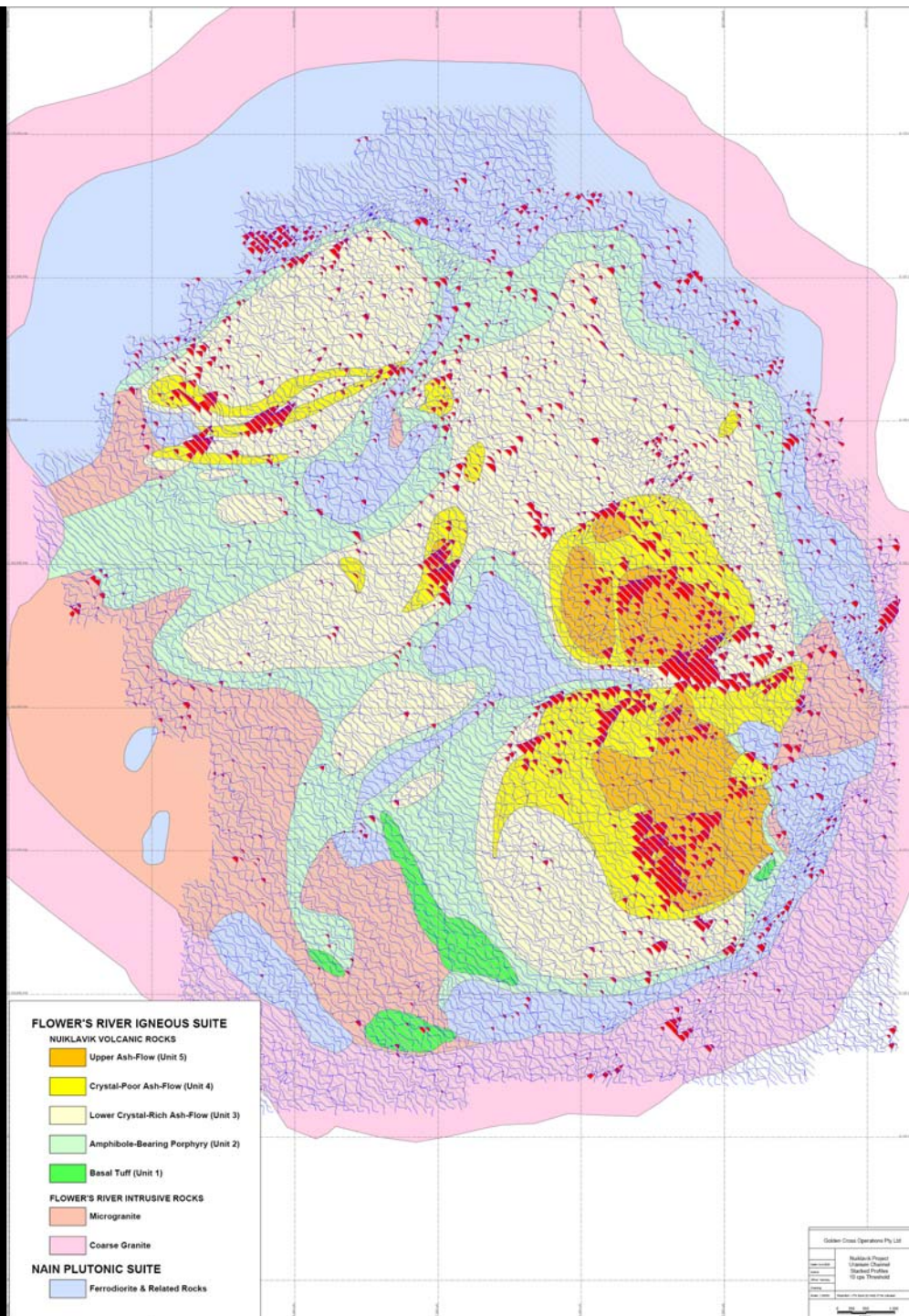




**Nuiklavik  
Magnetics**



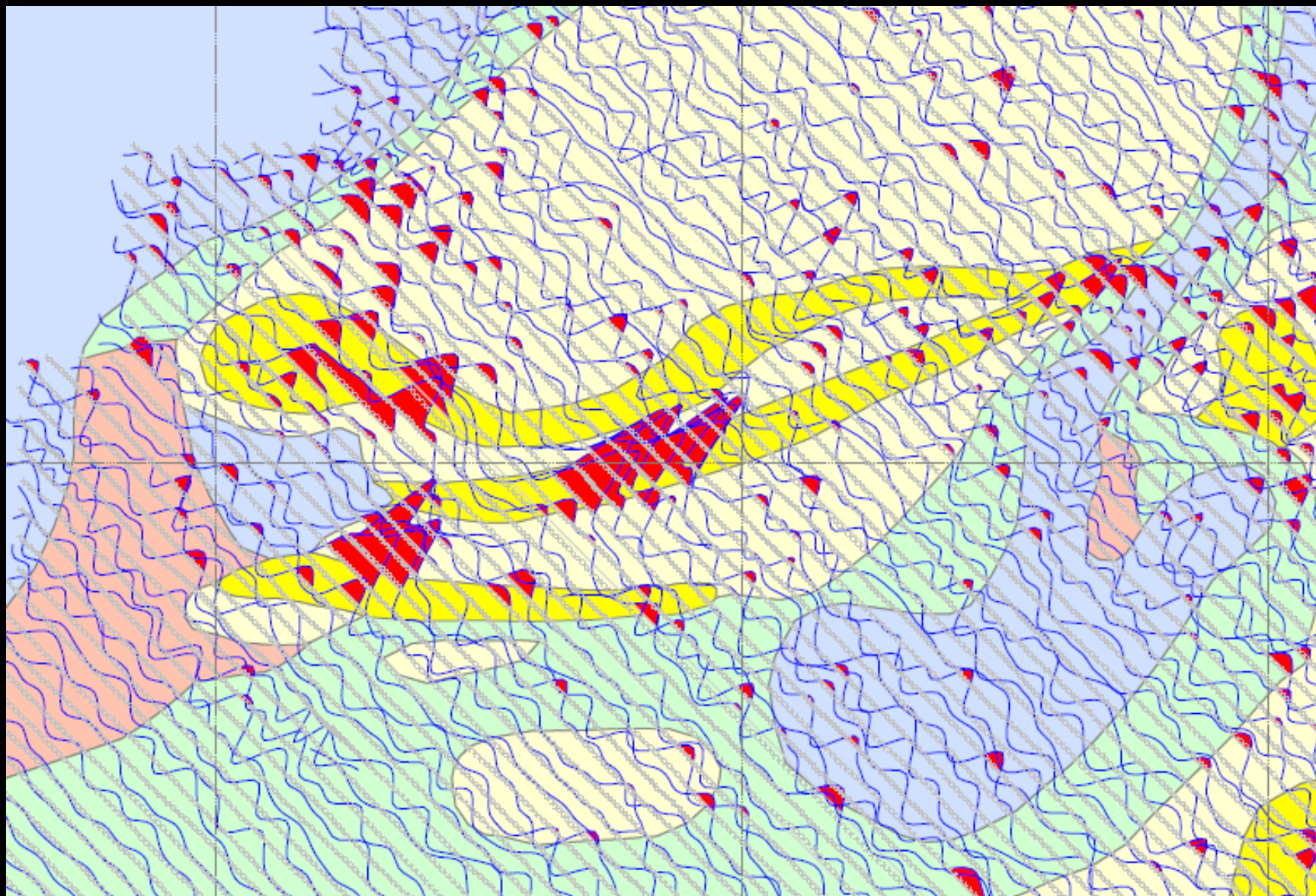




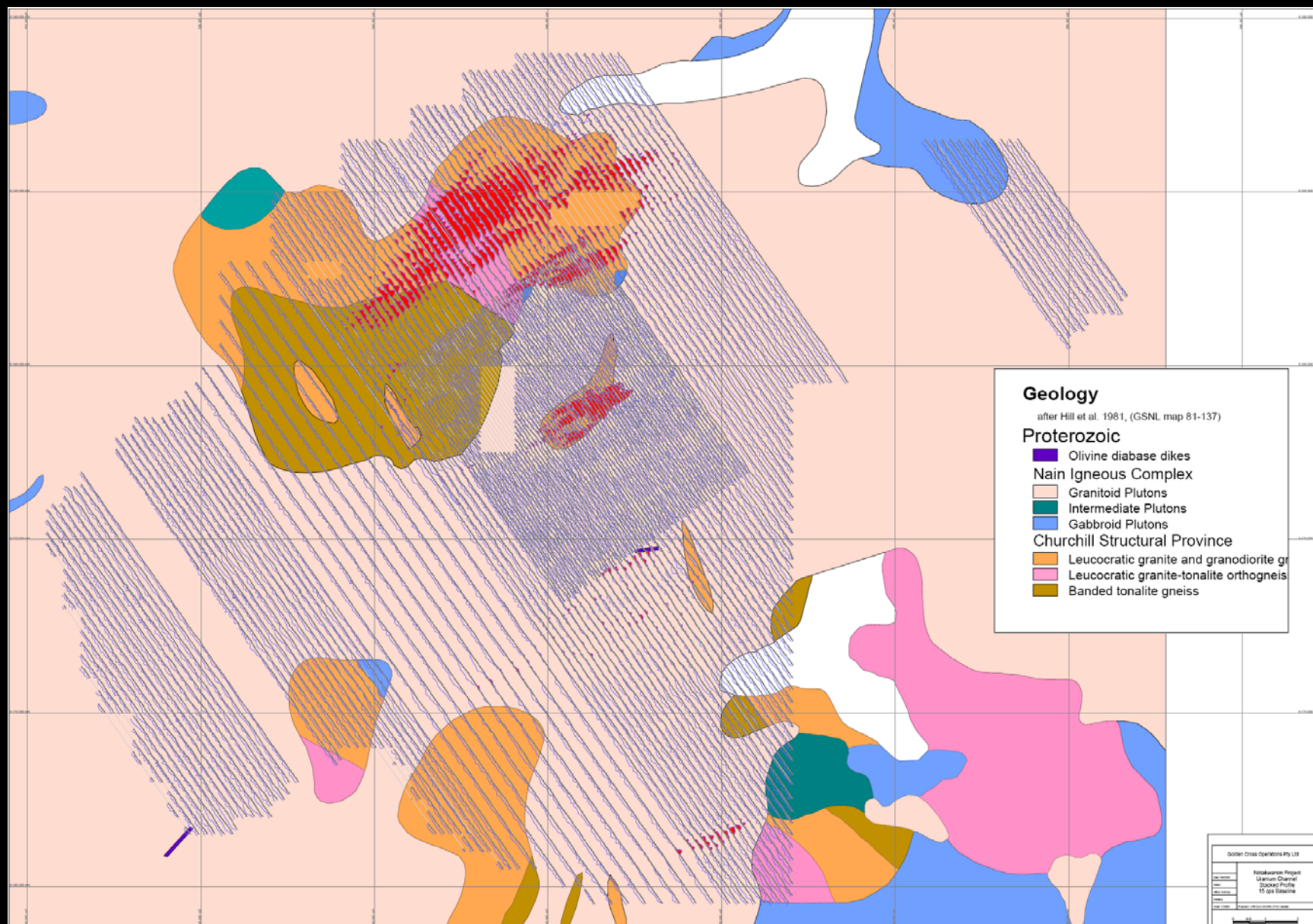
Nuiklavik uranium  
channel stacked  
profiles.

Enlarge pdf image to  
see details.

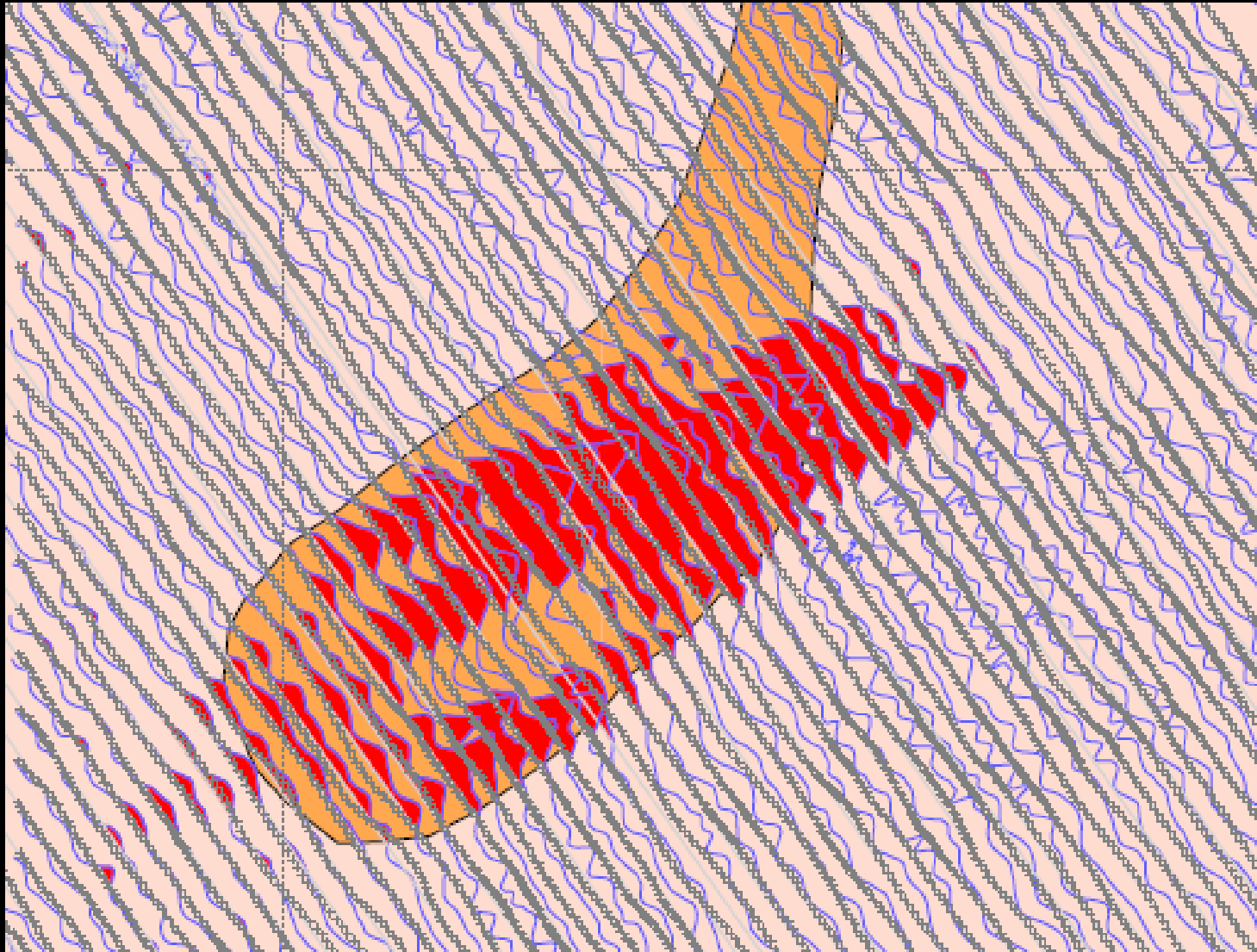








Notakwanon uranium channel stacked profiles.  
Enlarge pdf image to see details.



## **Notakwanon Uranium Channel Stacked Profiles**



**Notak 1 Anomaly**



## NOTAKWANON - URANIUM

U showings

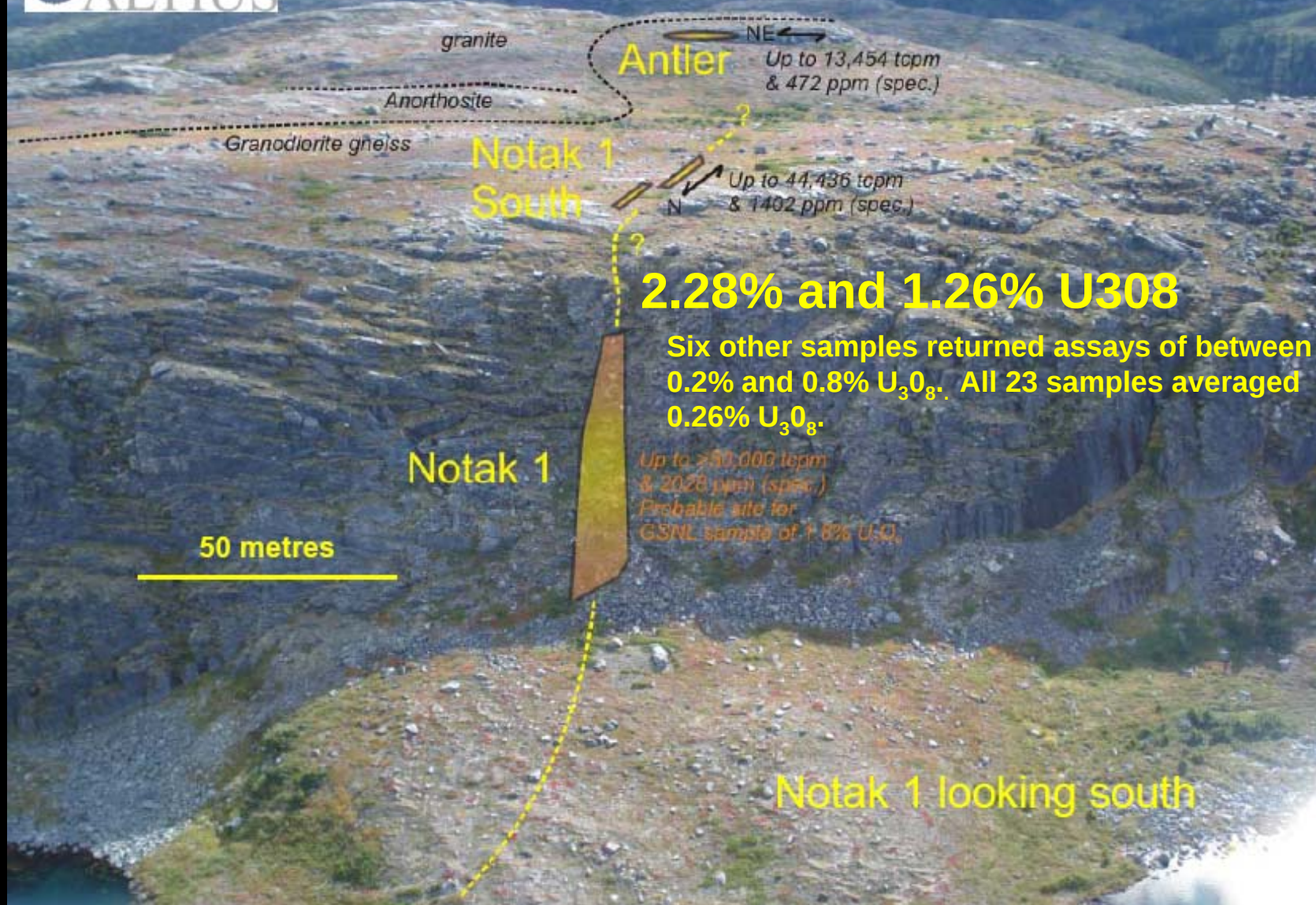








## NOTAKWANON - URANIUM



# GOLDEN CROSS RESOURCES

Golden Cross is a gold, uranium and base metals explorer gearing up.



- **With \$4 million in cash**
- **3,000 shareholders**
- **\$27 million market capitalisation**

**..... with some great discoveries  
just around the corner.**

**GCR is on the move and drilling  
ahead.**

**Visit our website:**

**<http://www.goldencross.com.au>**

