



**INDEPENDENCE GROUP NL**

# **Annual General Meeting**

**24<sup>th</sup> November 2004**



# EXECUTIVE SUMMARY

- ) Low cost nickel producer.**
- ) Expanding production profile and increasing mine life.**
- ) Strong cash reserves and cash generation potential.**
- ) Paying dividends.**
- ) Exploring for gold and nickel in Australia.**
- ) Unique exploration technology.**
- ) Aim to become a diversified mining house.**



# SHARE STRUCTURE

**ASX Code - Shares**      **IGO**      **\$1.34 (19.11.04)**  
**- Options**      **IGOO**      **\$1.18 (19.11.04)**

**IGO average turnover (last 6 months) = 377,983 shares/day**

<b>Ordinary shares</b>	<b>87.4M</b>
<b>Options</b>	<b>12.8M</b>
<b>Contributing shares</b>	<b>7.0M</b>
<b>Unlisted options</b>	<b>9.3M</b>
<b>TOTAL</b>	<b>116.5M</b>

**Option expiry date 31.01.05**  
**Will raise \$4.1M if all exercised**



# TOP TEN SHAREHOLDERS

## Ordinary Shares

Equity Trustees	6.5M	8.1%
JP Morgan Nominees	3.7M	4.6%
National Nominees	3.1M	3.9%
Forbar Custodians	2.7M	3.3%
ANZ Nominees	2.3M	2.8%
Citicorp Nominees	2.0M	2.5%
IME	2.0M	2.5%
Virtual Genius	2.0M	2.4%
Queensland Investments	2.0M	2.4%
Westpac Custodians	1.7M	2.1%
	<b>28.0M</b>	<b>32.6%</b>

**At least 3 British institutions on IGO register**



# IGO PROFITABILITY

	2002/3	2003/4
<b>Mine Revenue</b>	<b>\$25.5M</b>	<b>\$66.7M</b>
<b>Mine cash flow (pre tax)*</b>	<b>\$7.3M</b>	<b>\$29.4M</b>
<b>Group profit (after tax)</b>	<b>\$1.4M</b>	<b>\$17.3M</b>
<b>Earnings per share (undiluted)</b>	<b>2.0c</b>	<b>24c</b>
<b>Earnings per share (diluted)</b>	<b>2.0c</b>	<b>18c</b>

\* Excludes capital, depreciation, amortisation and exploration

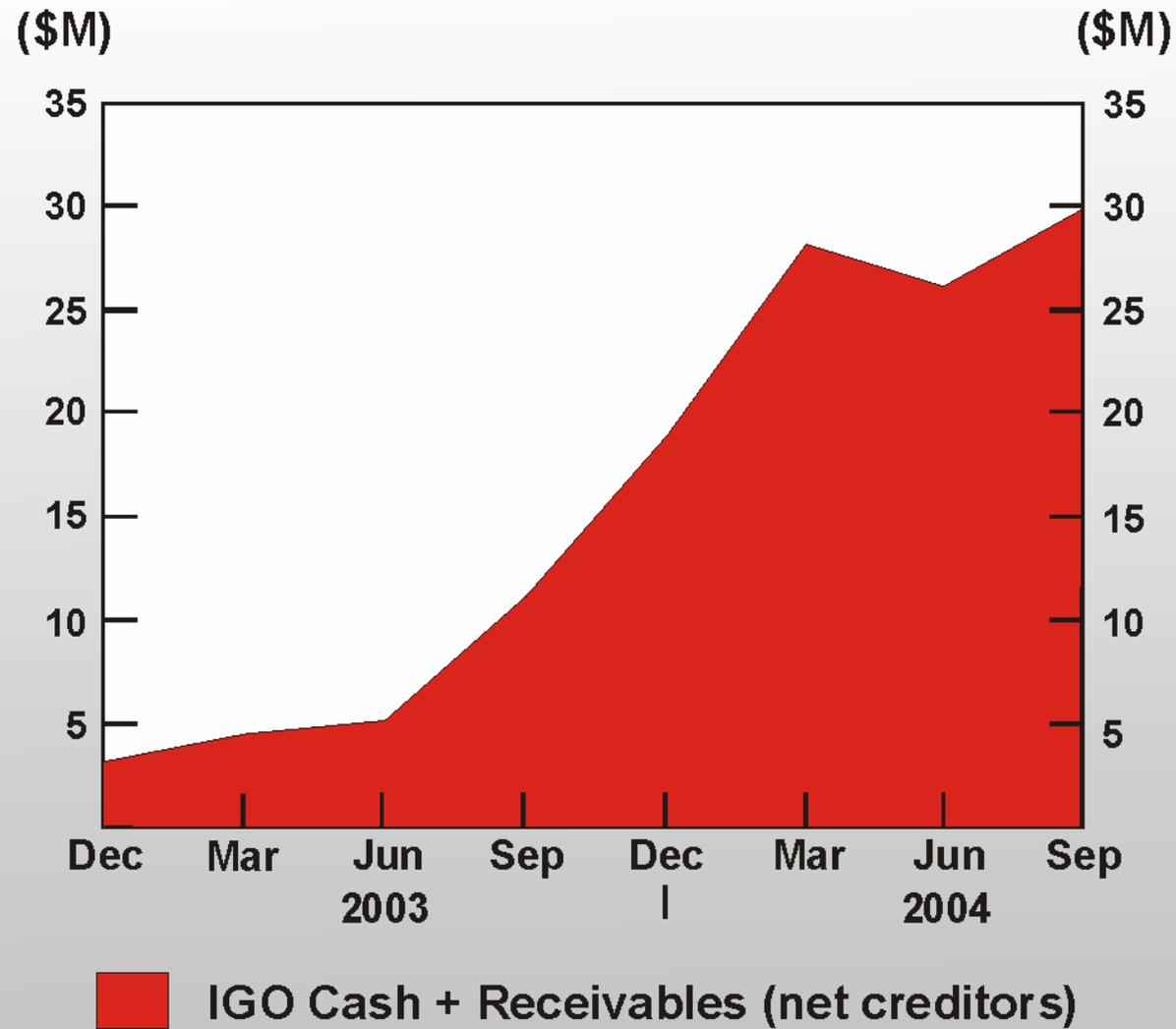


# IGO CASH

	<b>2002/3</b>	<b>2003/4</b>
<b>Cash:</b>	<b>\$4.0M</b>	<b>\$18.4M</b>
<b>Receivables:</b>	<b>\$5.1M</b>	<b>\$13.7M</b>
<b>Creditors:</b>	<b>(\$3.6M)</b>	<b>(\$6.5M)</b>
<b>Total:</b>	<b>\$5.5M</b>	<b>\$25.6M</b>
<b>Debt:</b>	<b>\$17.2M</b>	<b>\$12.7M</b>



# IGO CASH + RECEIVABLES as at 30.9.04





# LONG NICKEL MINE GEOLOGICAL SETTING

## WMC Production 1979-1999:

5.43M t

3.7% Ni

203,184 Ni t

## IGO Production 2002-2004:

256,155 t

3.9 % Ni

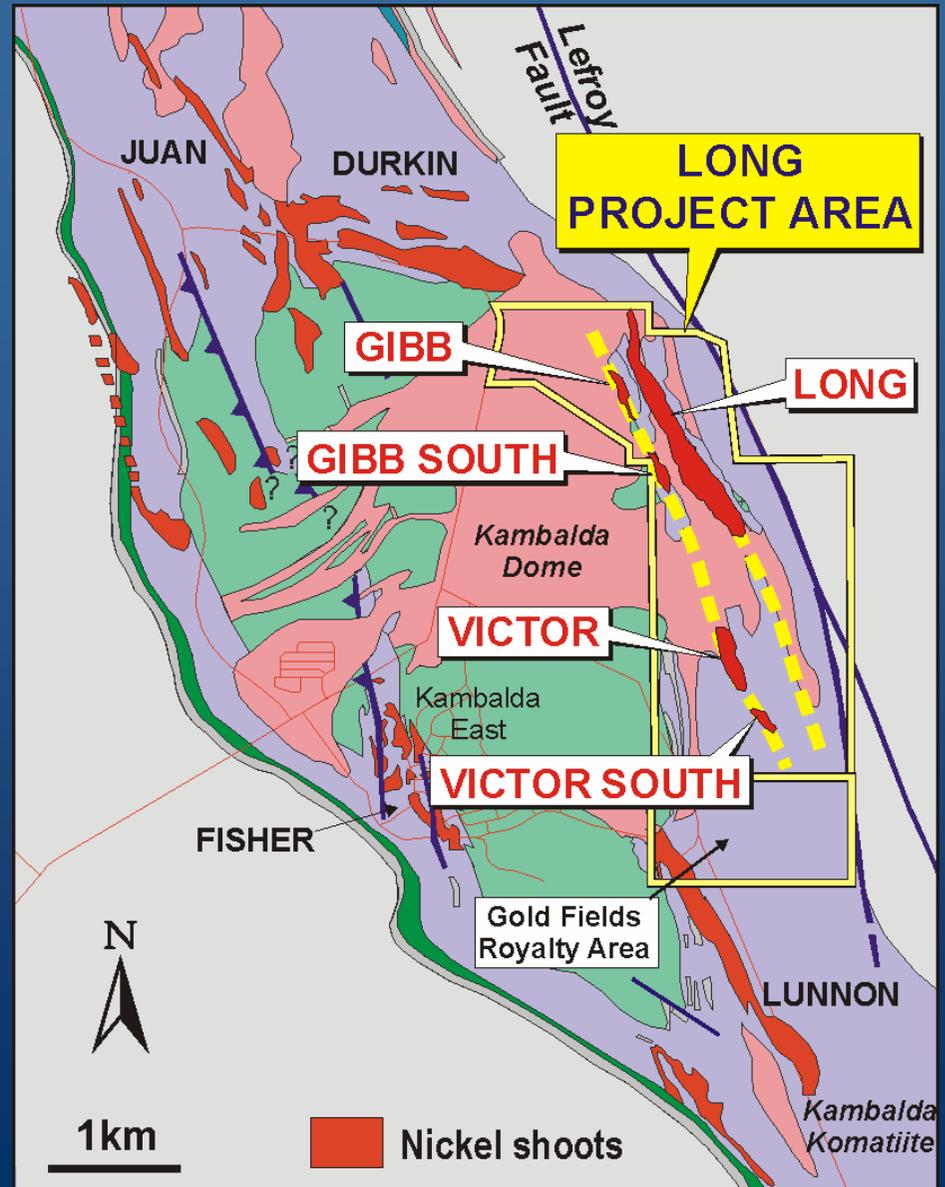
9,852 Ni t

## 2004/2005 Reserves:

1.185M t

4.1 % Ni

48,300 Ni t





# IGO NICKEL RESOURCES & RESERVES COMPARISON





# LONG MINE SAFETY

	<b>LTI's</b>	<b>MTI's</b>	<b>LTIFR</b>
<b>2002/2003</b>	<b>1</b>	<b>4</b>	<b>8.3</b>
<b>2003/2004</b>	<b>0</b>	<b>11</b>	<b>0</b>
<b>Total</b>	<b>1</b>	<b>15</b>	<b>2.8</b>
<b>Industry Average</b>			<b>5.7</b>

## **Contributions to Safety:**

- ) Owner operator with salaried employees.**
- ) Continual awareness, training and good communication.**
- ) High standards of shotcreting, bolting and meshing.**
- ) Low extraction rate compared to previous owner.**



# LONG MINE PERSONNEL

- ) **92 employees.**
- ) **Turnover extremely low.**
- ) **Skilled personnel waiting list.**
- ) **Very experienced team.**





# 2003/2004 PRODUCTION

	<b>Tonnes</b>	<b>% Ni</b>	<b>Ni t</b>	<b>IGO Ni t Share</b>
<b>Budget</b>	<b>160,000</b>	<b>3.3</b>	<b>5,280</b>	<b>3,109</b>
<b>Actual</b>	<b>168,991</b>	<b>4.1</b>	<b>6,843</b>	<b>4,063</b>

## REASONS:

- ) Mined 1,854 Ni t from outside ore reserve.
- ) Mined an additional 1,292 Ni t from inside reserves due to better grades.  
eg. Gibb South - 3.7% Ni ore reserve grade  
- 6.9% Ni actual grade



## 2003/2004 PRODUCTION STATS

	<b>Tonnes</b>	<b>% Ni</b>	<b>Ni t</b>
<b>Long</b>	143,651	3.7	5,240
<b>Gibb South</b>	22,130	6.9	1,528
<b>Victor South</b>	3,210	2.4	75
<b>TOTAL</b>	<b>168,991</b>	<b>4.1</b>	<b>6,843</b>

	<b>A\$/lb Payable Ni</b>
<b>Payable sales revenue (incl. hedging):</b>	<b>7.52</b>
<b>Cash mining / development costs:</b>	<b>2.45</b>
<b>Milling &amp; other cash costs:</b>	<b>0.87</b>
<b>TOTAL</b>	<b>3.32</b>
<b>Deprec. / amort. / rehab:</b>	<b>0.86</b>

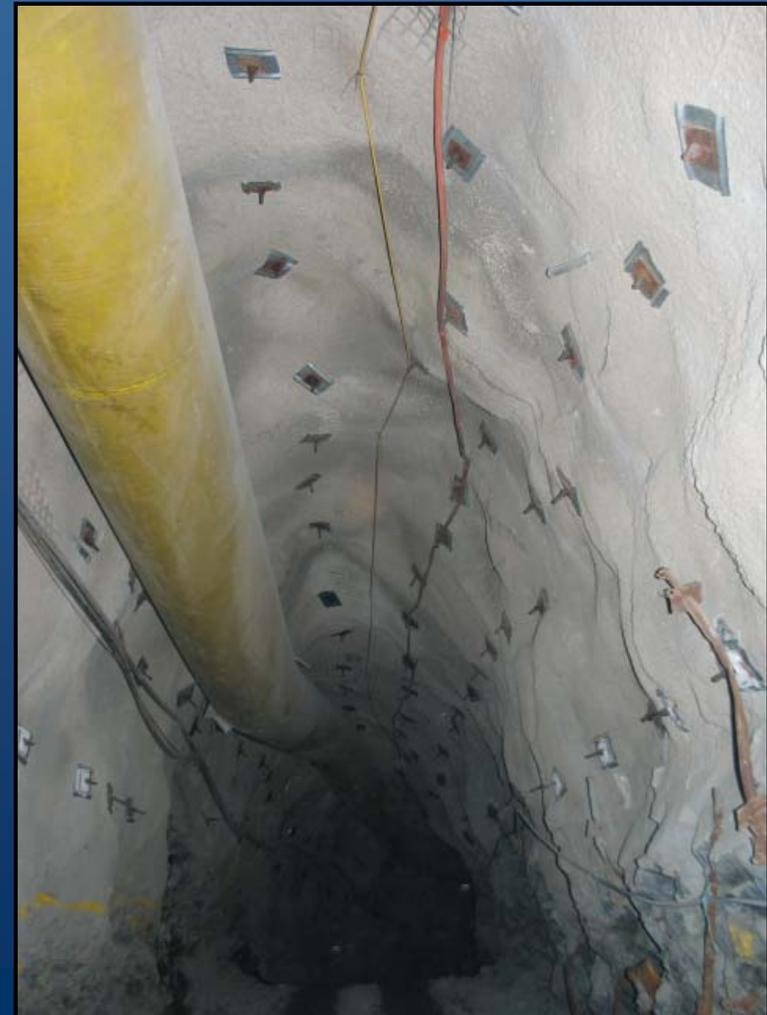


# FUTURE COST SAVINGS

## Producing own cement



## Redesigning ground support





# FUTURE COST SAVINGS



**Compressed air  
blast hole rig**

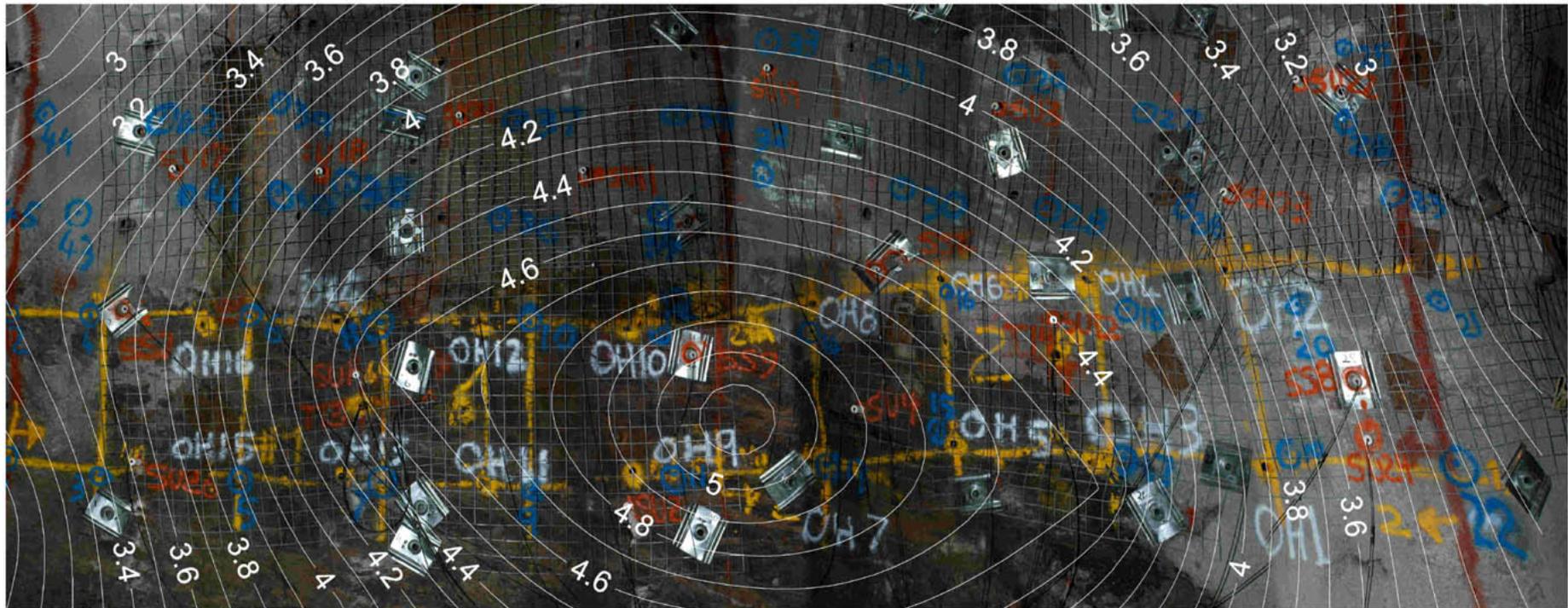
**New 55t haulage truck**





# MINING RESEARCH & DEVELOPMENT

## Ground support evaluation





# INNOVATIONS - GEOPHYSICS

**3 component  
EM torch**



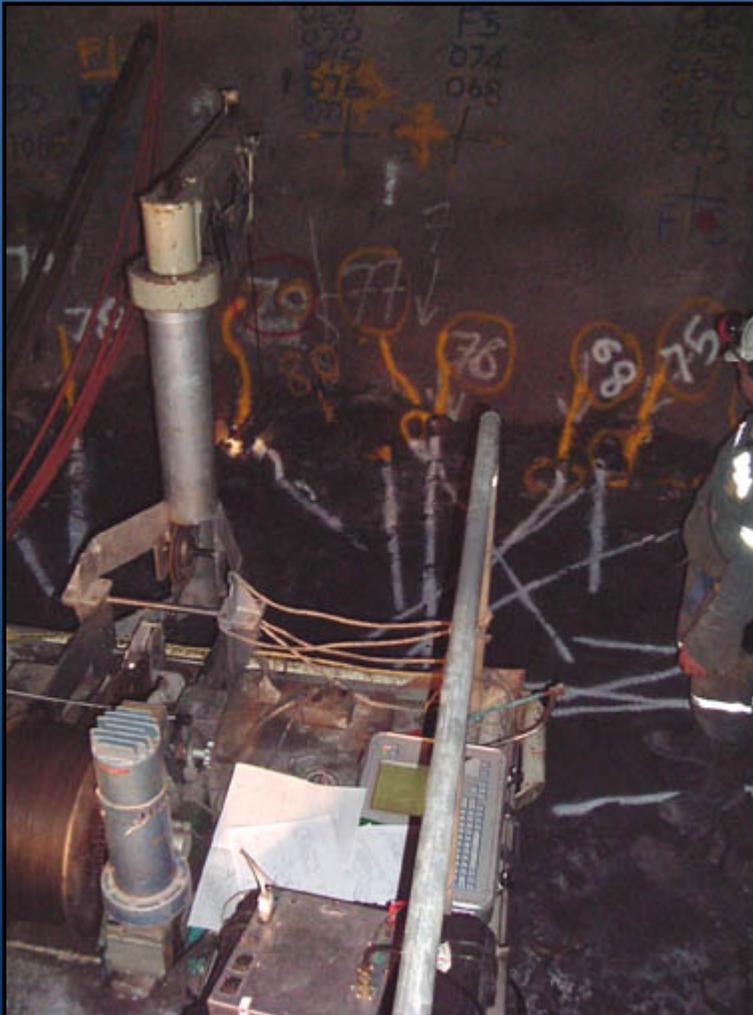
**3 component  
fluxgate down hole probe**



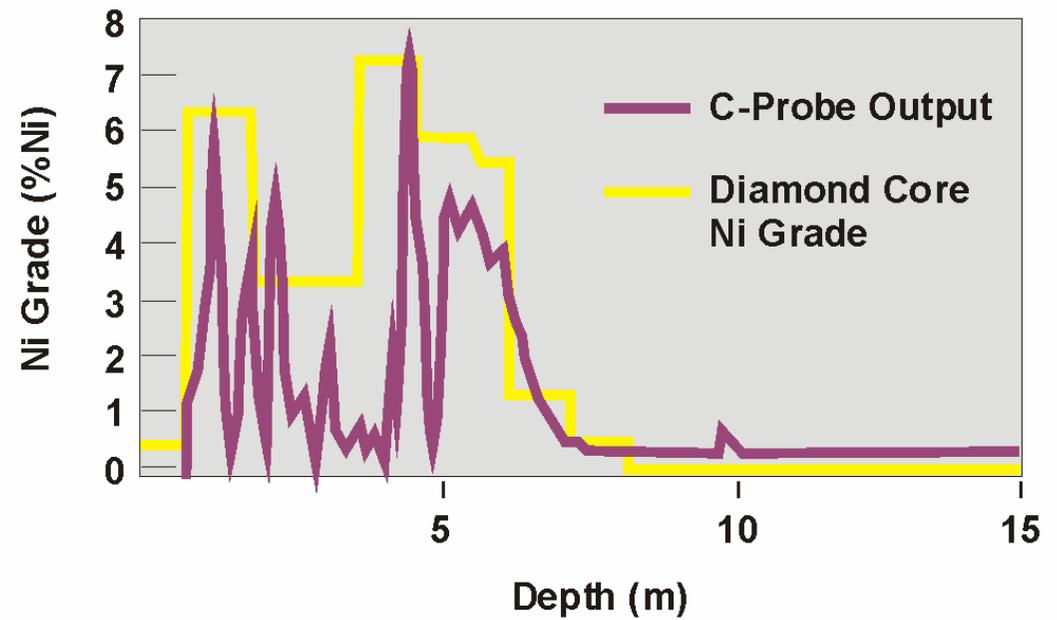


# GEOPHYSICS

## NICKEL GRADE ESTIMATION

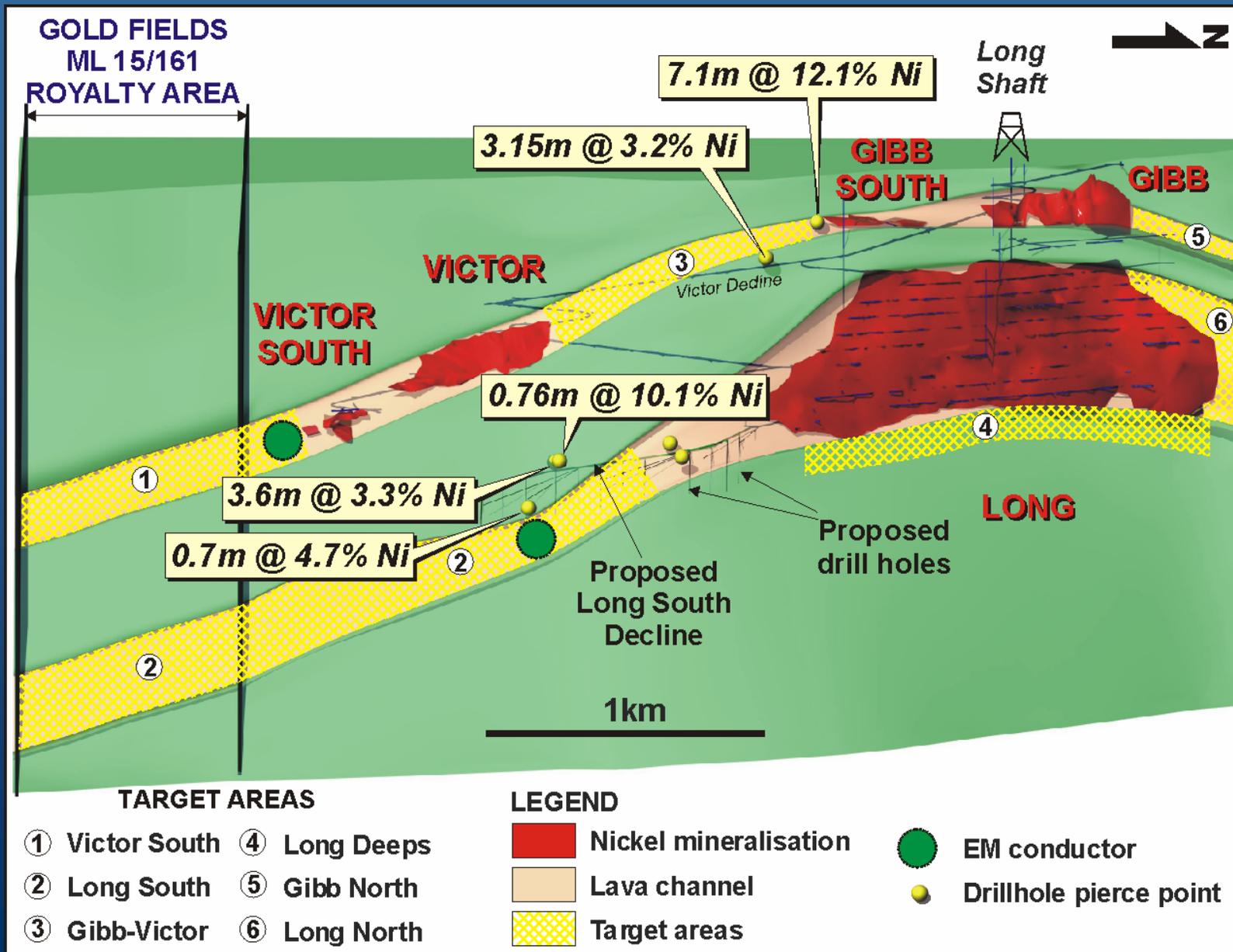


LG 14-224 Ni GRADE VERSUS CONDUCTIVITY





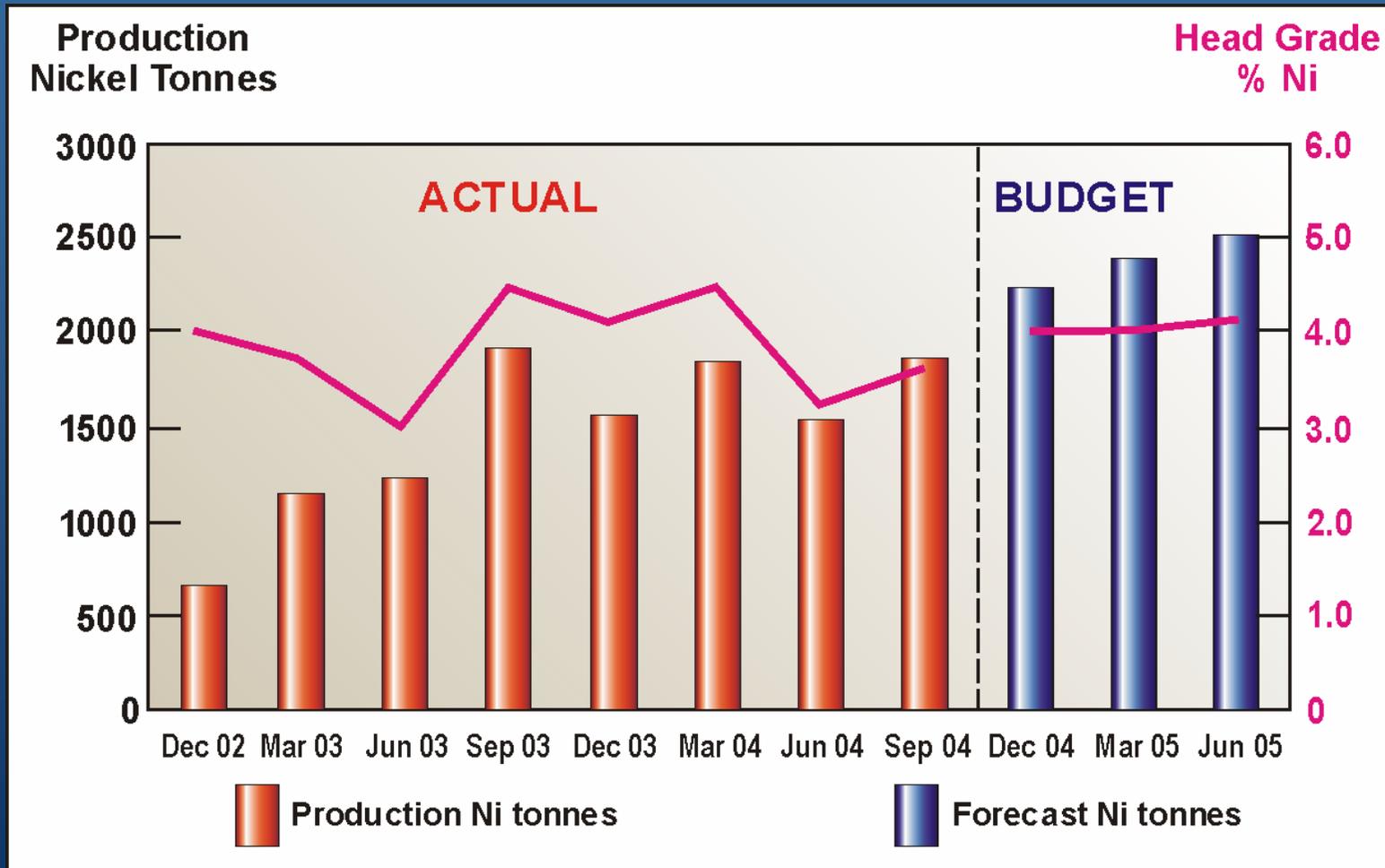
# EXPLORATION TARGETS





# 2004/2005 PRODUCTION BUDGET

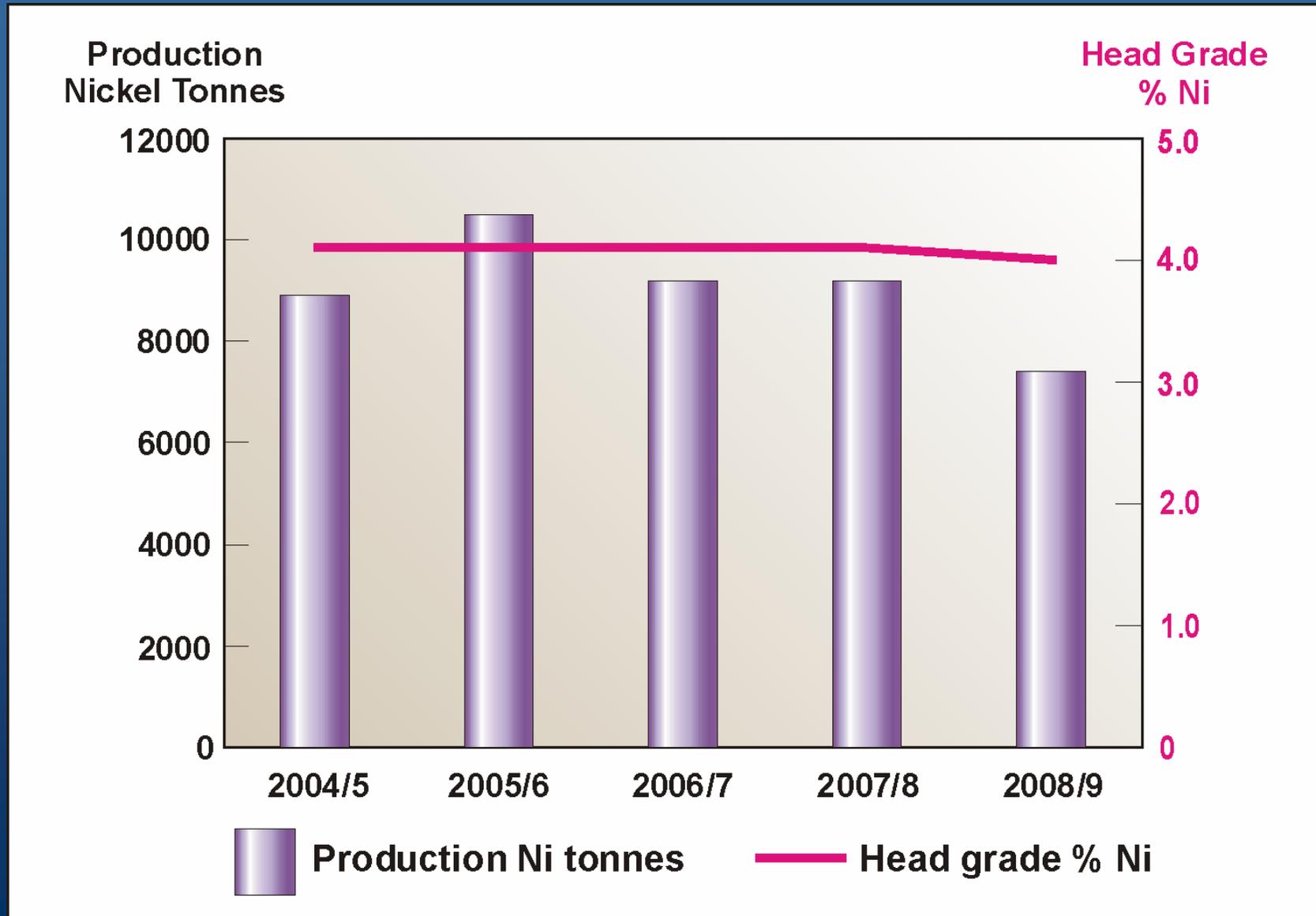
Budget: **222,000 t @ 4.0% Ni (8,900t Ni)**



**2004/5 Cash costs <A\$3.30/lb**  
(payable nickel metal)



# LONG - 5 YR MINING SCHEDULE





# AUSTRALIAN REGIONAL EXPLORATION STRATEGY

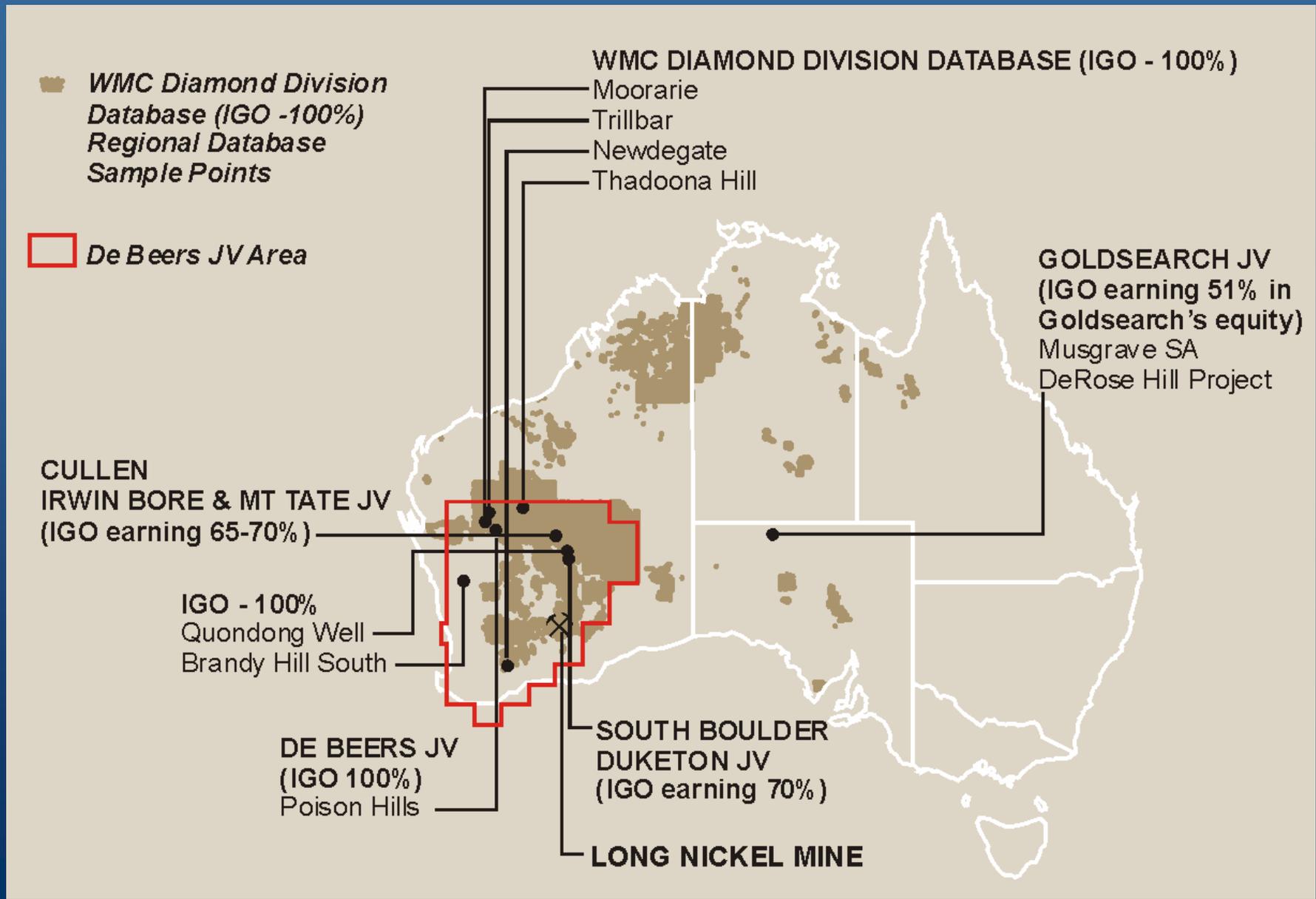


## Looking for new nickel and gold camps:

- Under cover, and
- In lightly or unexplored terrains  
using empirical & conceptual targeting



# IGO NICKEL EXPLORATION PROJECTS





# GEOPHYSICAL INNOVATIONS

## LOW TEMP SQUID TEM SENSOR

## MAG TEM SENSOR



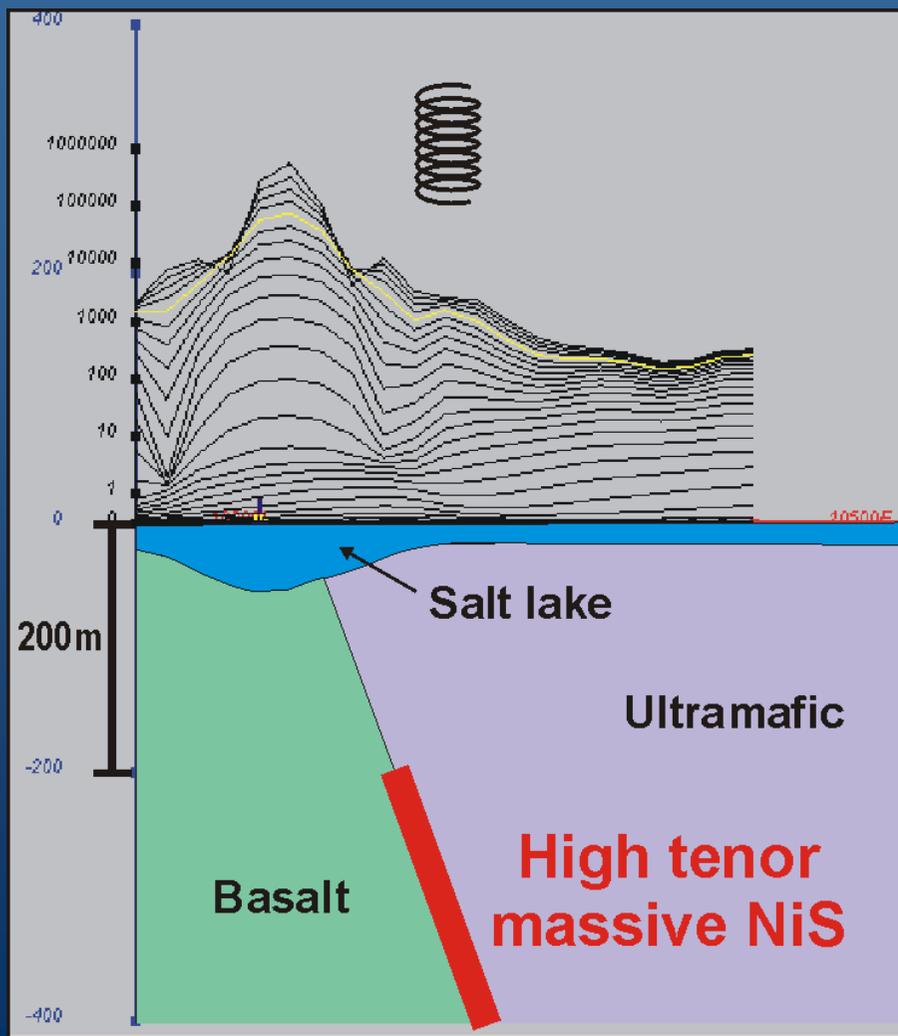
## Anglo American JV



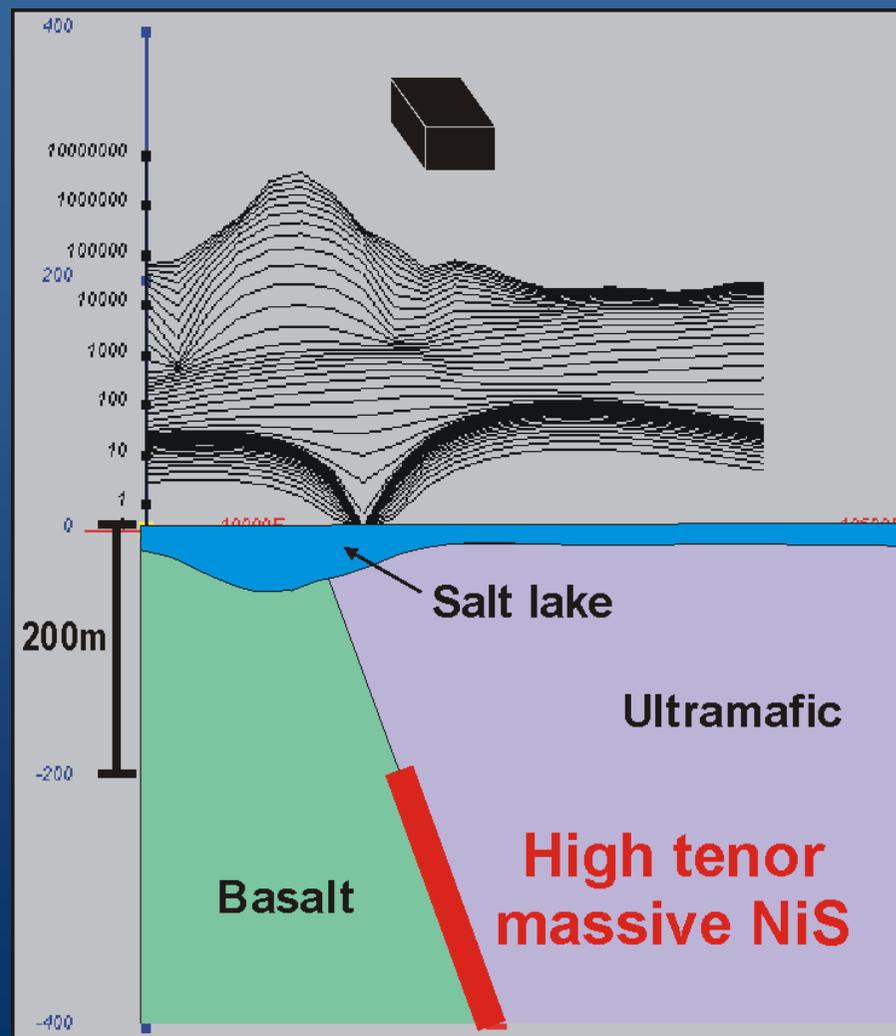


# GEOPHYSICAL INNOVATIONS COIL vs MAG TEM & SQUID TEM

## Conventional Coil TEM



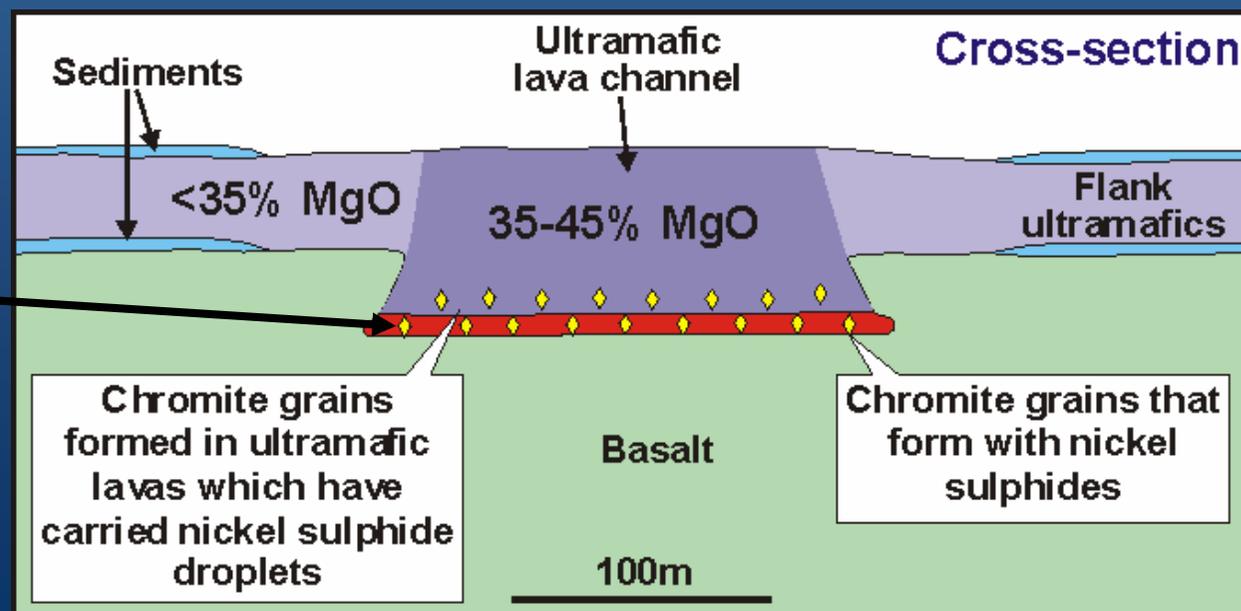
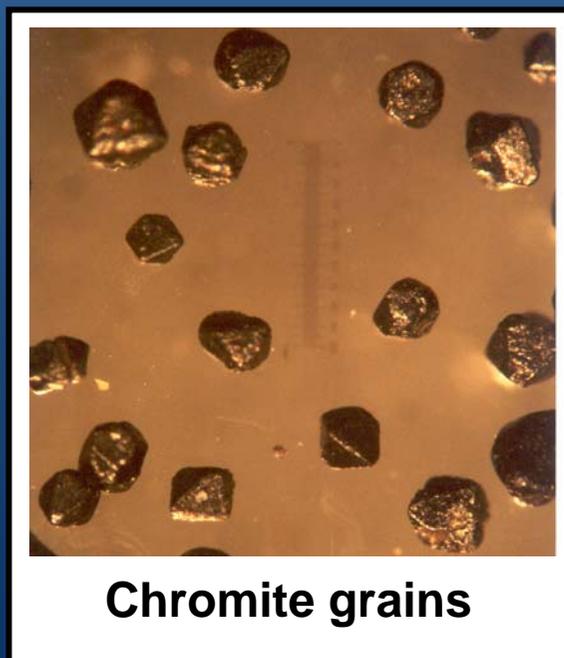
## MAG & SQUID TEM





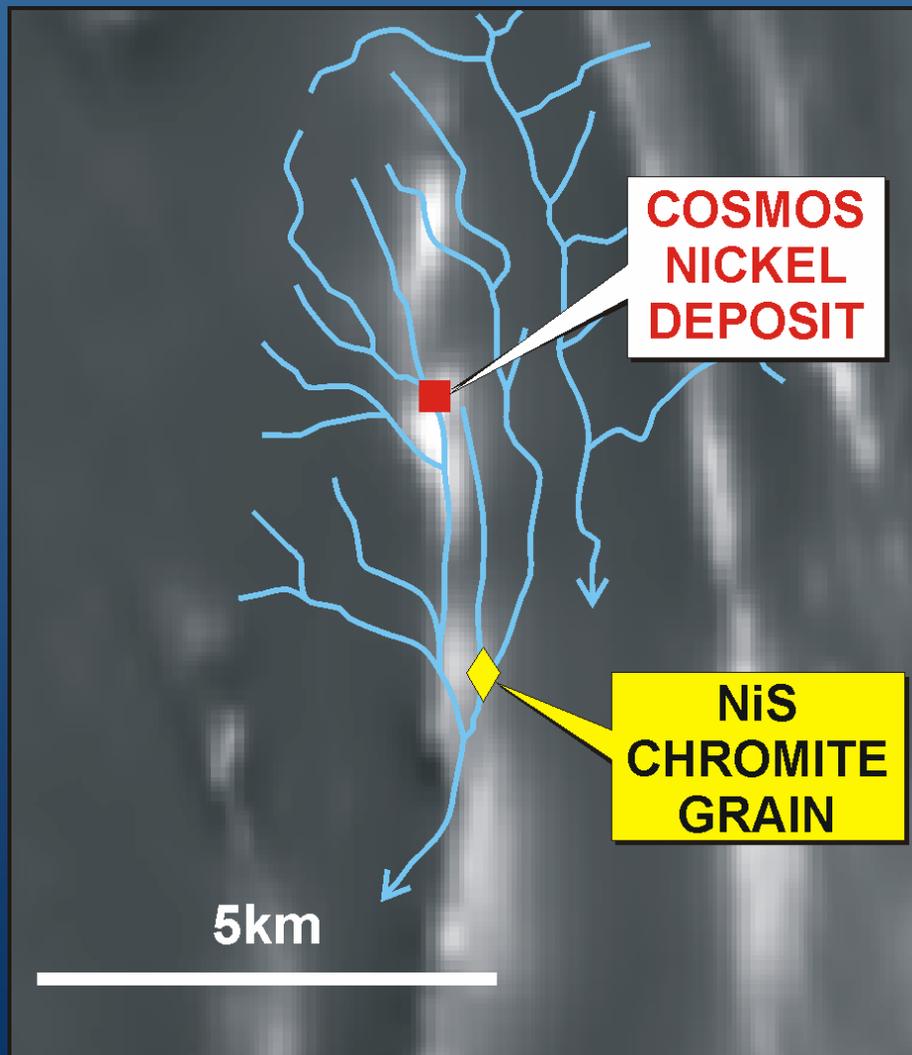
# EXPLORATION INNOVATIONS USING CHROMITES TO FIND NiS

- ) Chromites occur in many rock types.
- ) Diamond explorers collect and analyse chromites.
- ) IGO can use their data to recognise chromites that are sourced from massive nickel sulphides and fertile flows.





# COSMOS EXAMPLE

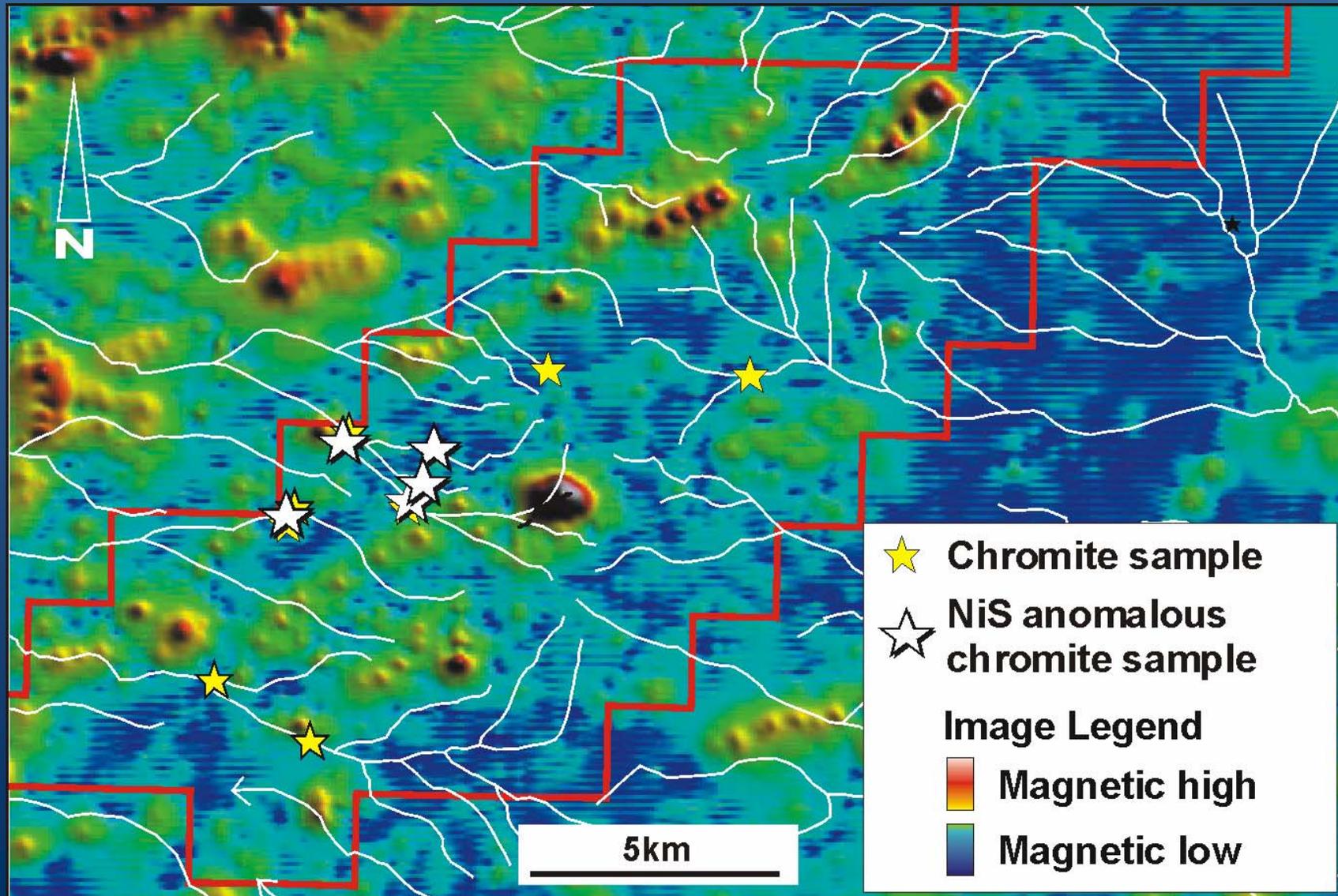


- ) Other NiS deposits have associated chromite anomalies, including:
  - ) Kambalda
  - ) Widgiemooltha
  - ) Scotia
  - ) Cosmos
  - ) Blair
  - ) Ravensthorpe
- ) >40 new nickel targets defined.



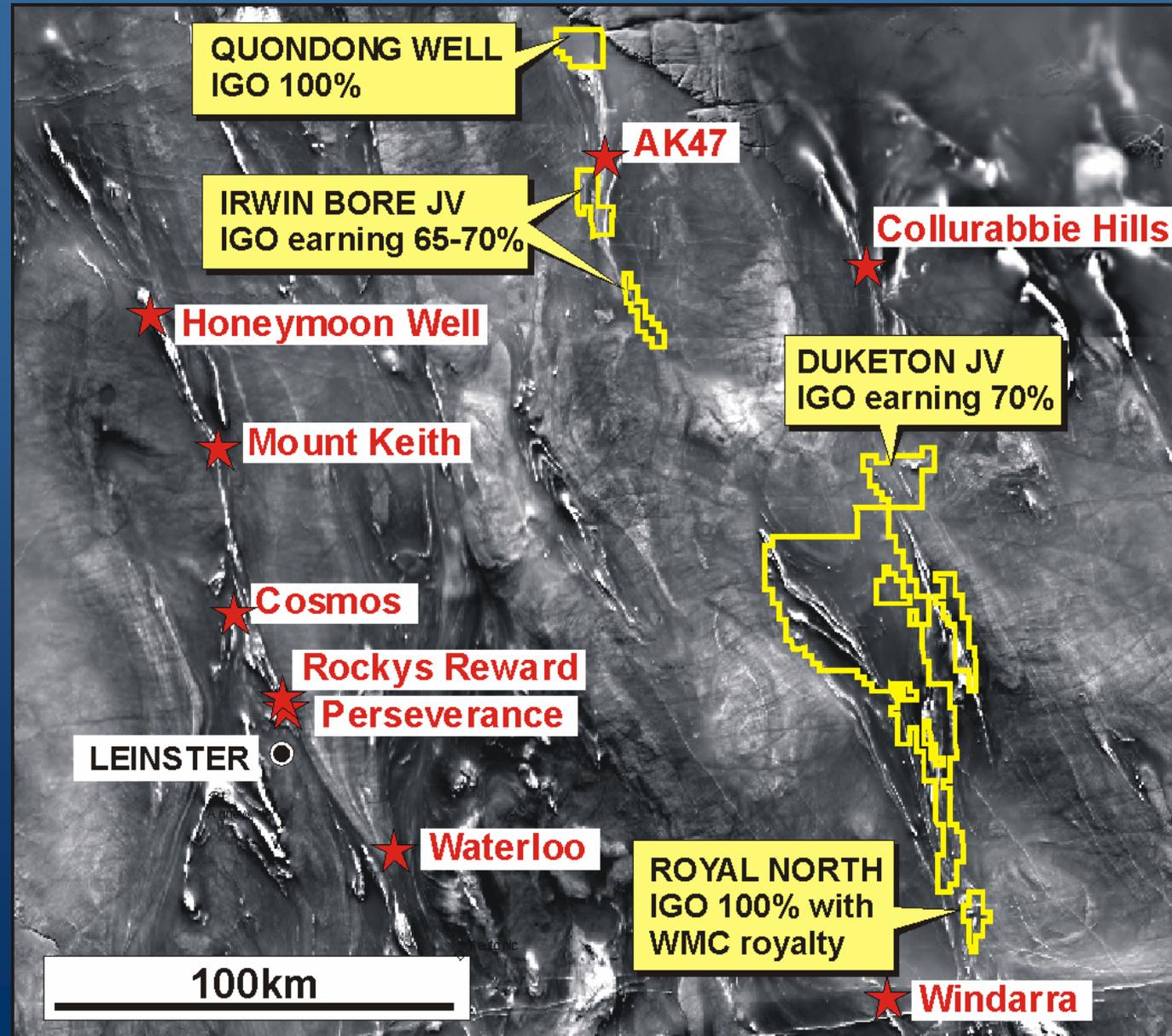
# CHROMITE EXAMPLE

Aeromagnetic Image showing NiS anomalous chromite sample locations





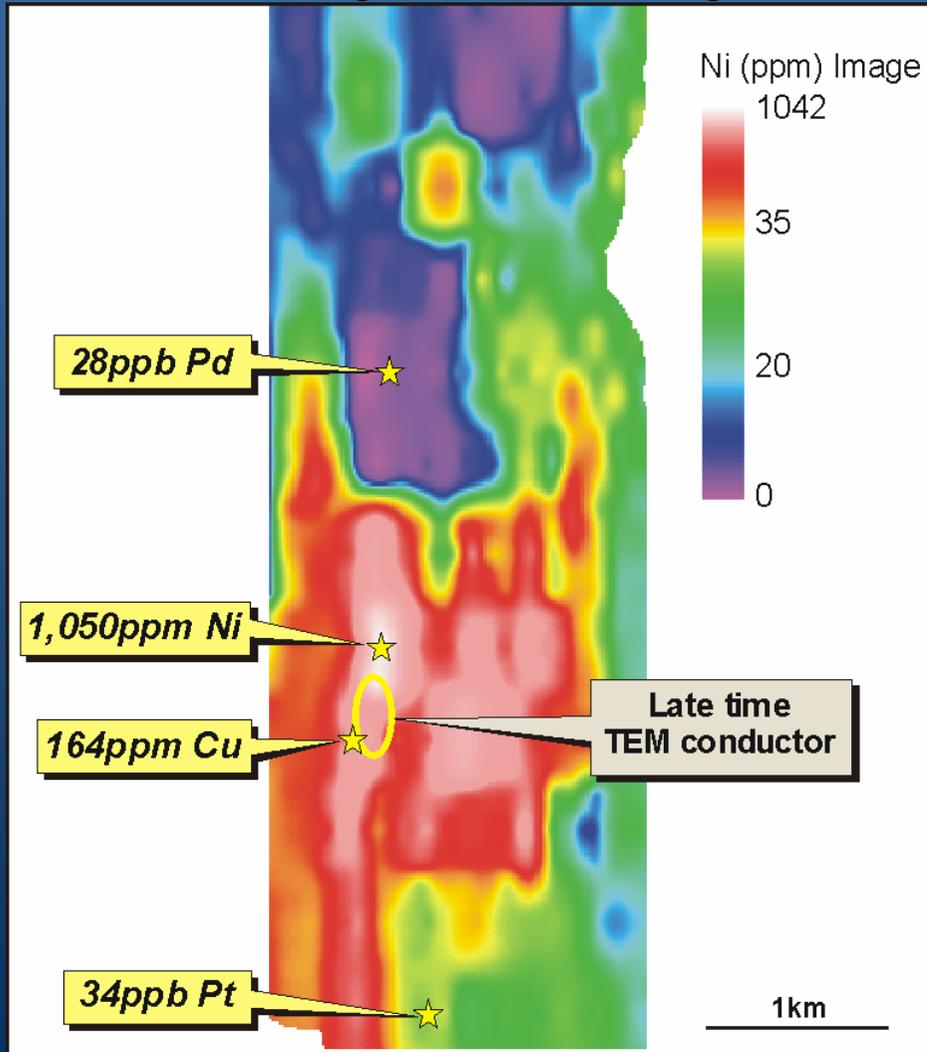
# NORTH EASTERN GOLDFIELDS NICKEL PROJECT LOCATIONS



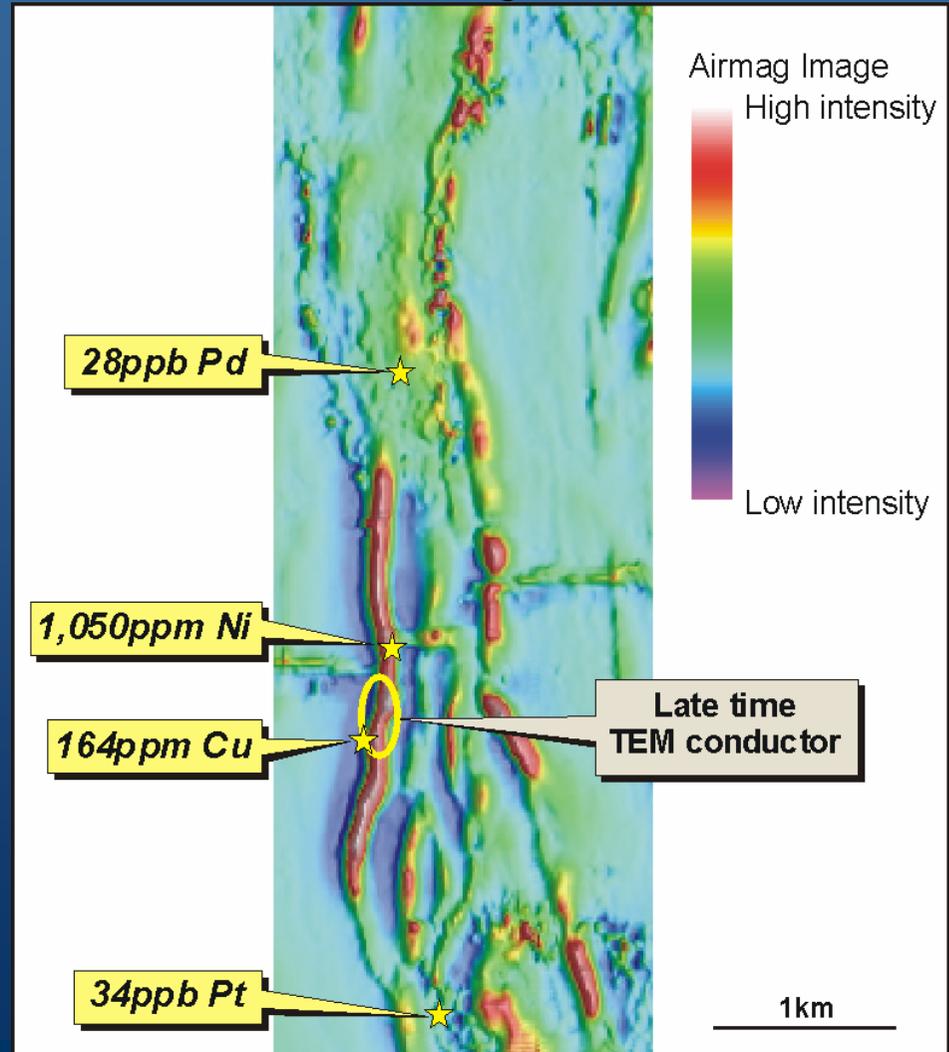


# NICKEL GEOCHEM ANOMALY

## Nickel geochemical image



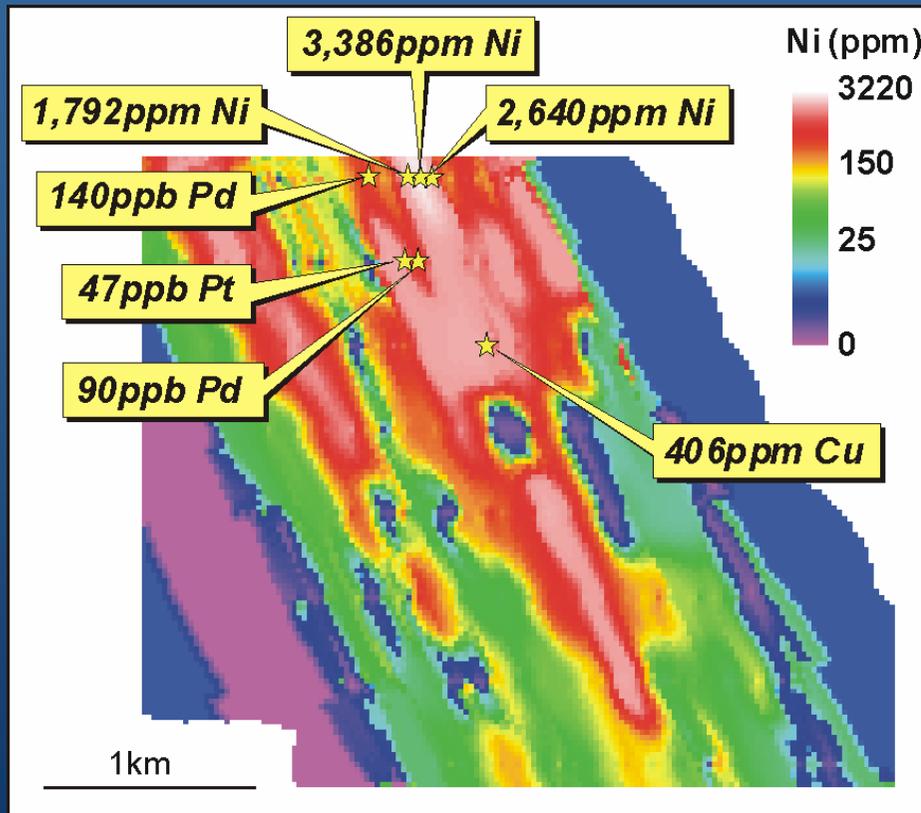
## Anomalous values and TEM conductor over magnetics



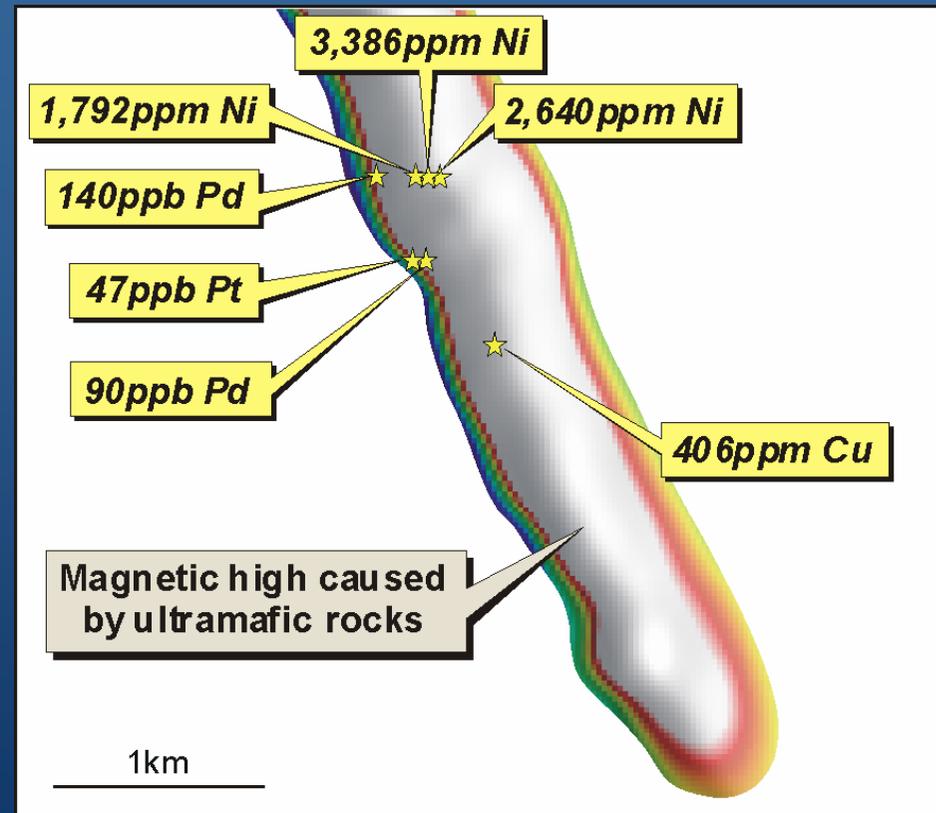


# NICKEL GEOCHEM ANOMALY

## Nickel geochemical image

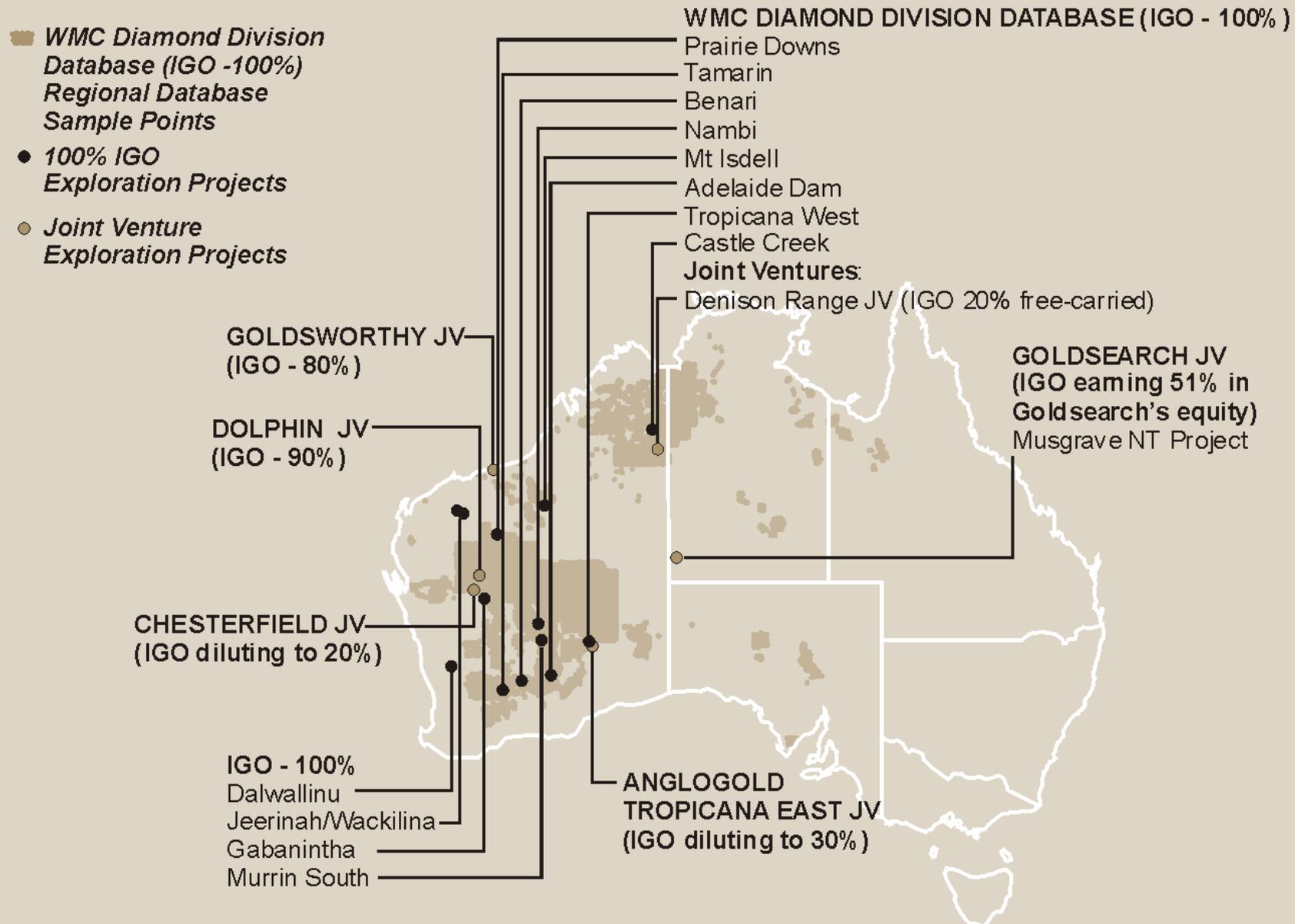


## Aeromagnetic image showing peak geochem results



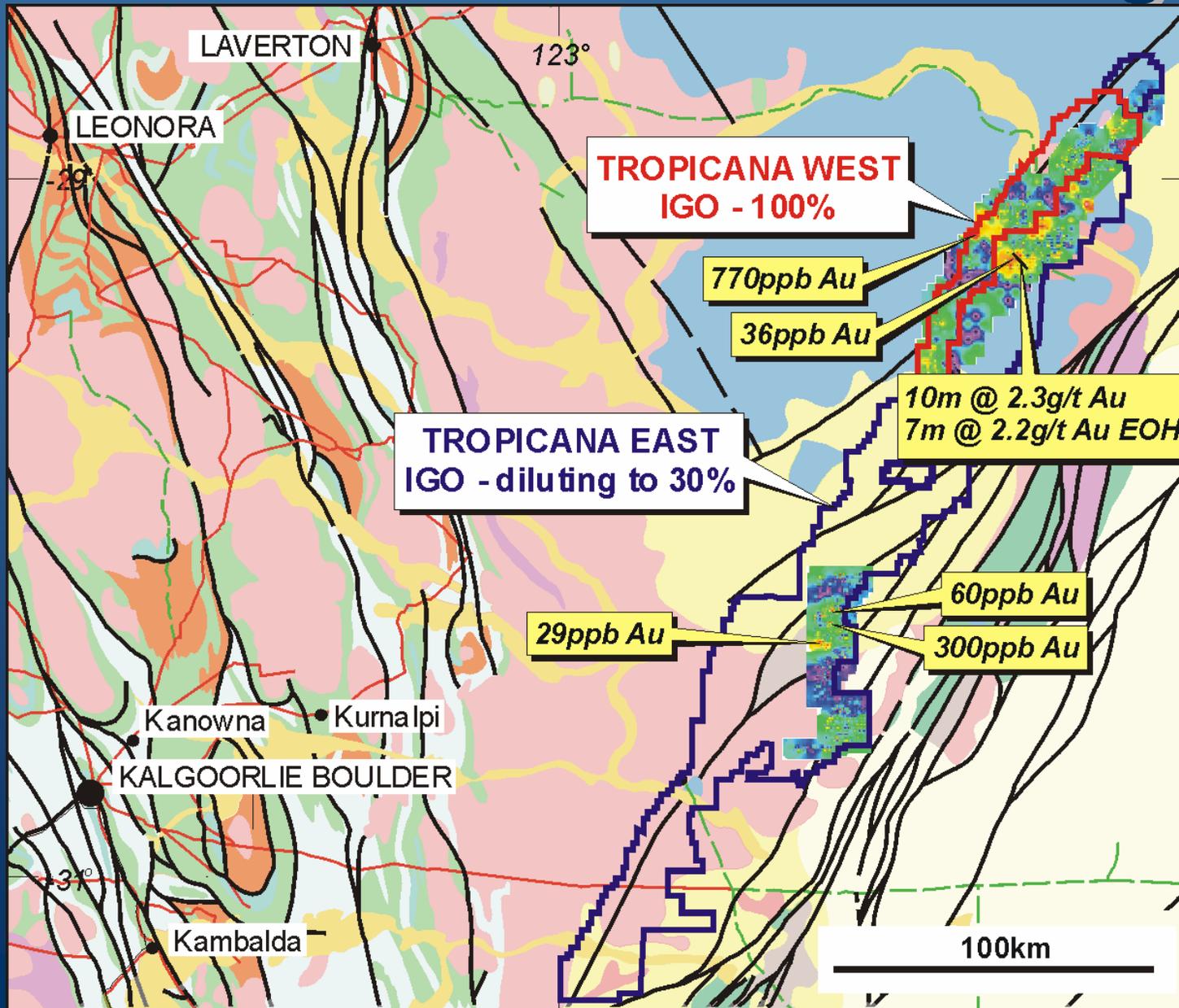


# IGO GOLD EXPLORATION PROJECTS





# TROPICANA EAST GOLD JV ANGLOGOLD earning 70%

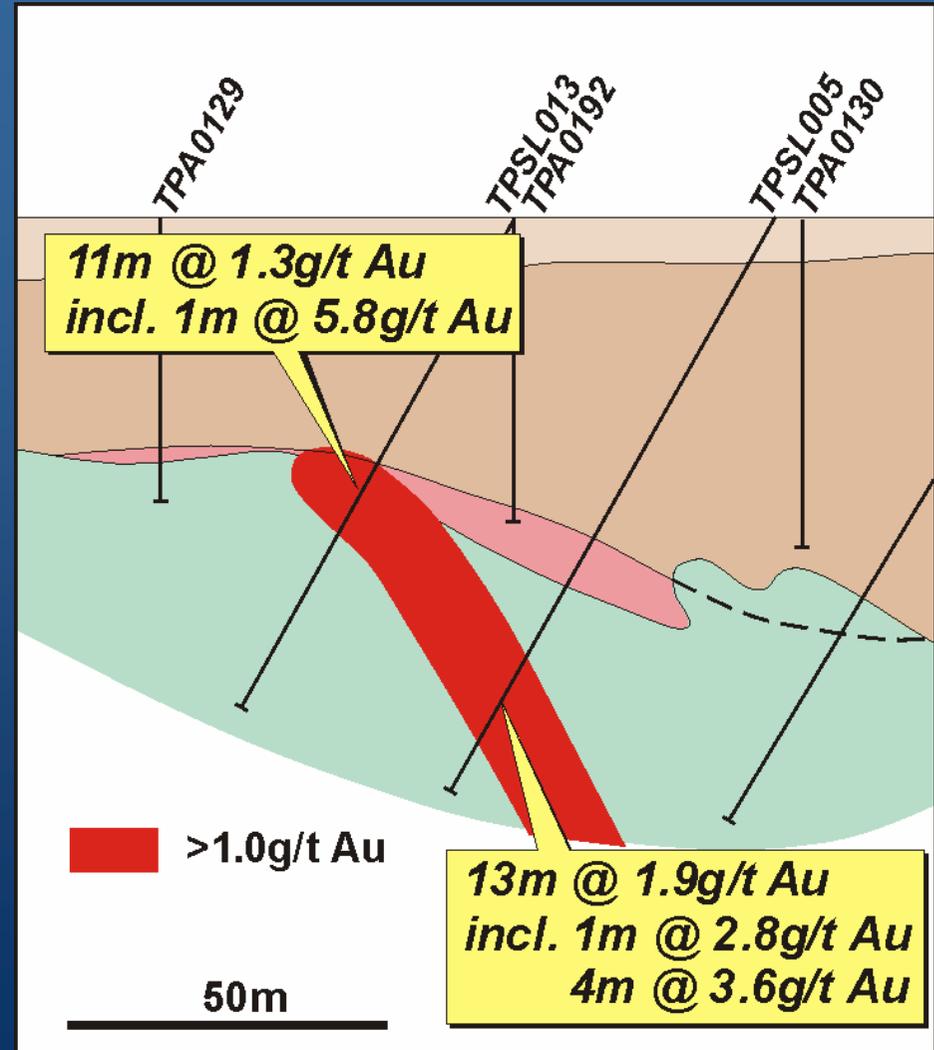
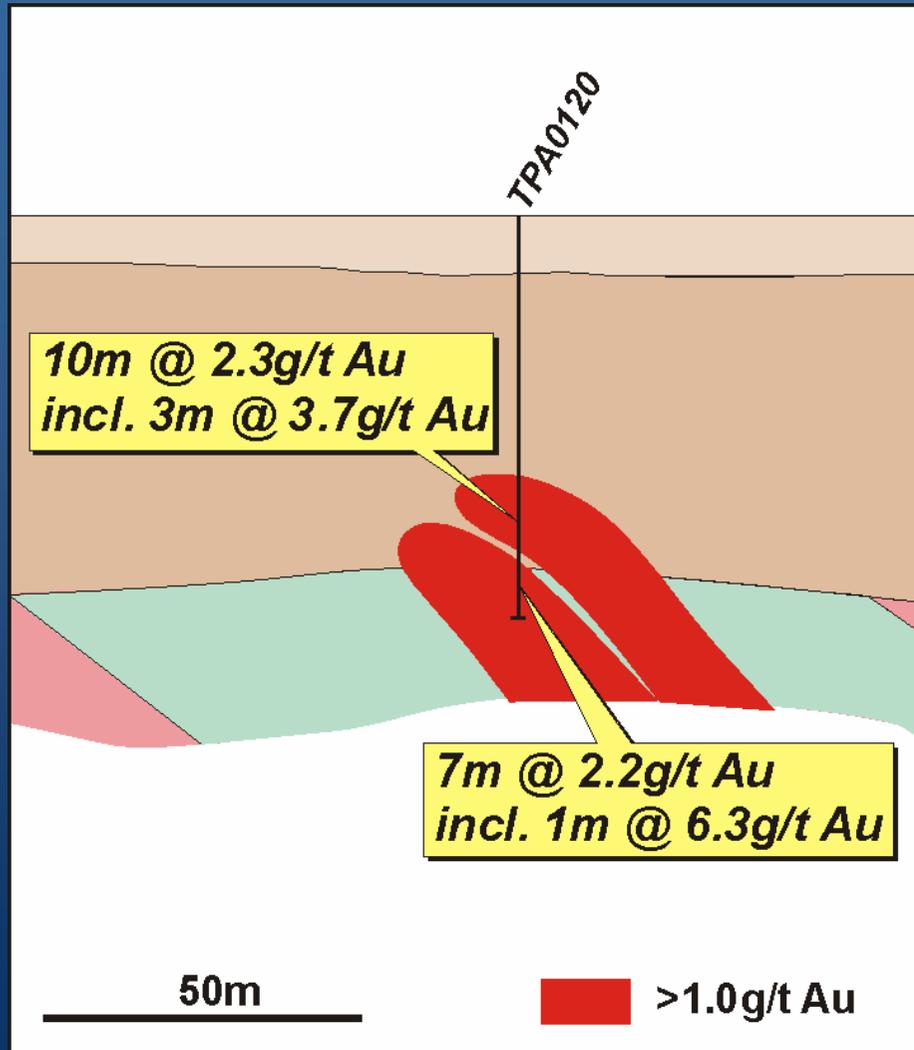




# TROPICANA CROSS-SECTIONS

142800mN

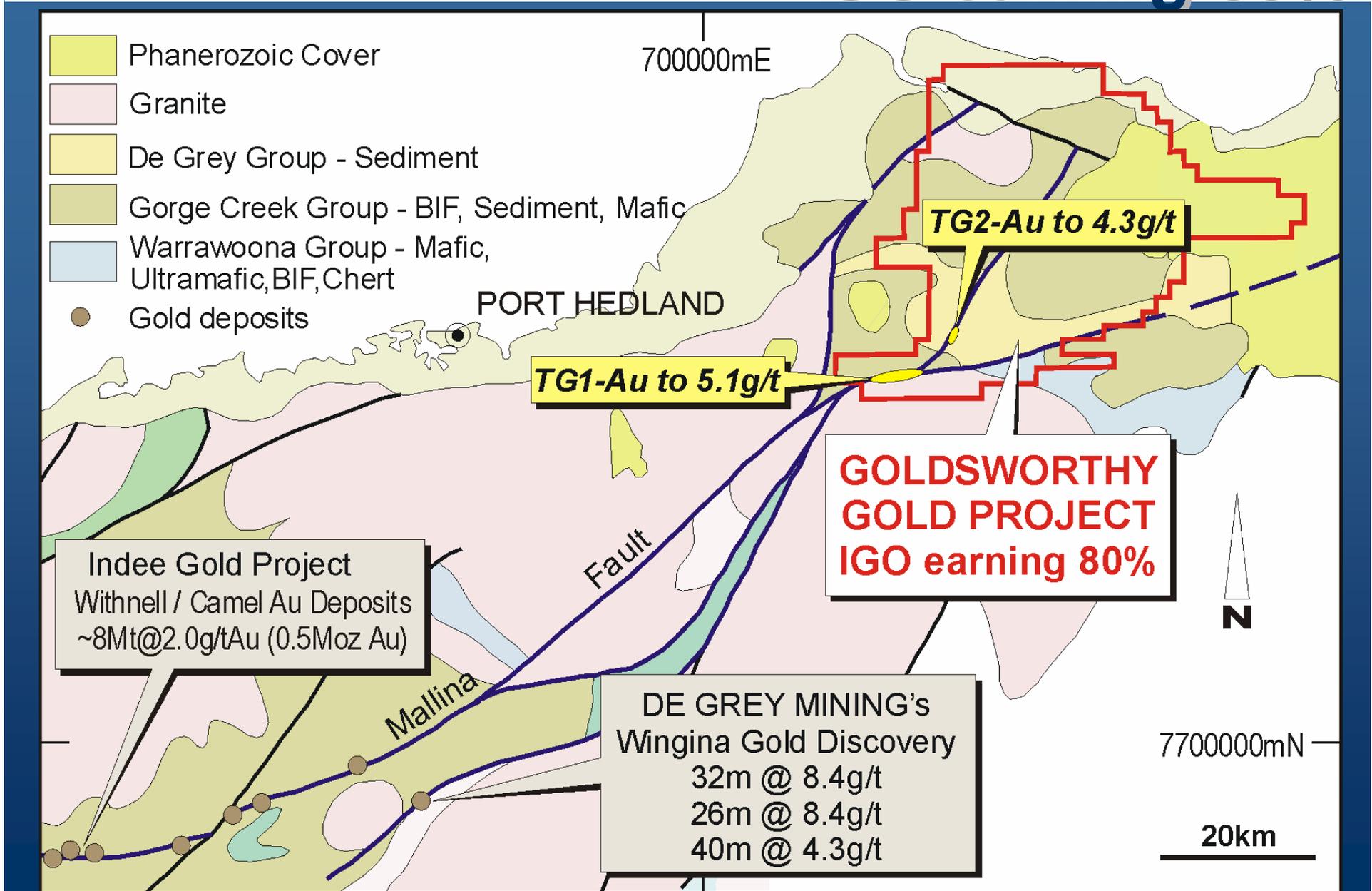
143200mN





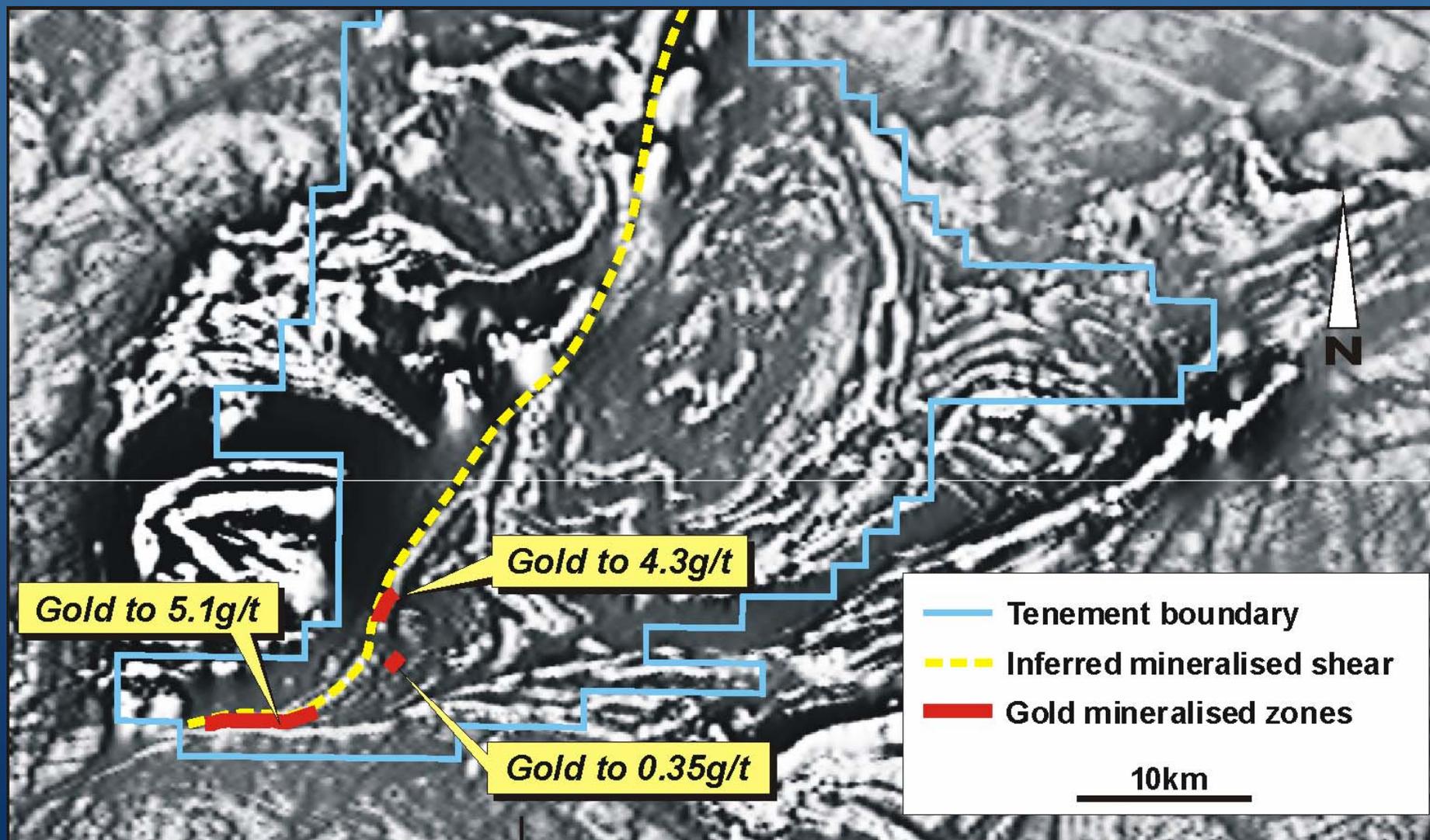
# GOLDSWORTHY GOLD JV

## IGO earning 80%





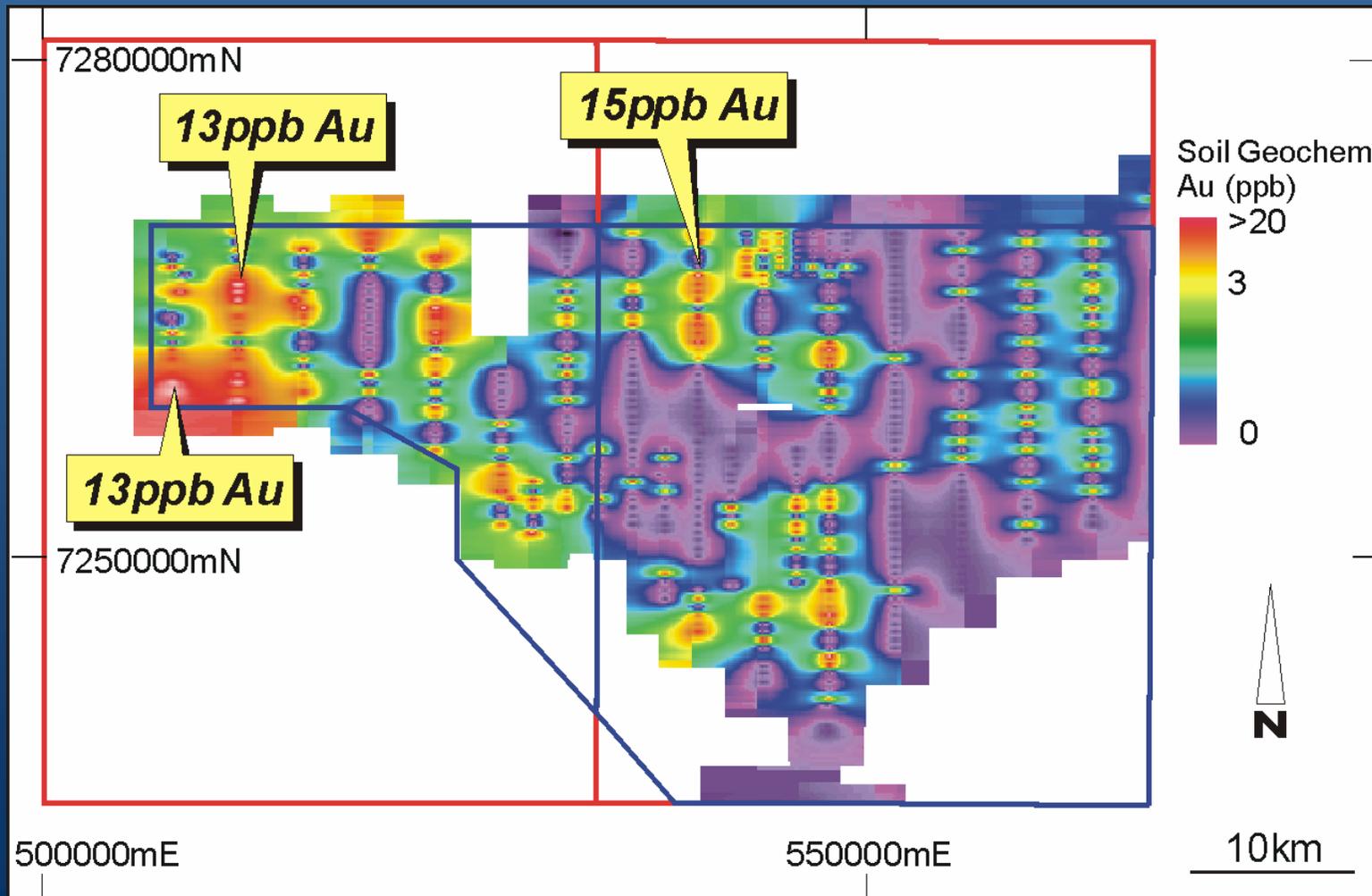
# GOLDSWORTHY GOLD JV GOLD ANOMALOUS SHEAR ZONES





# GOLDSEARCH JV IGO earning 36%

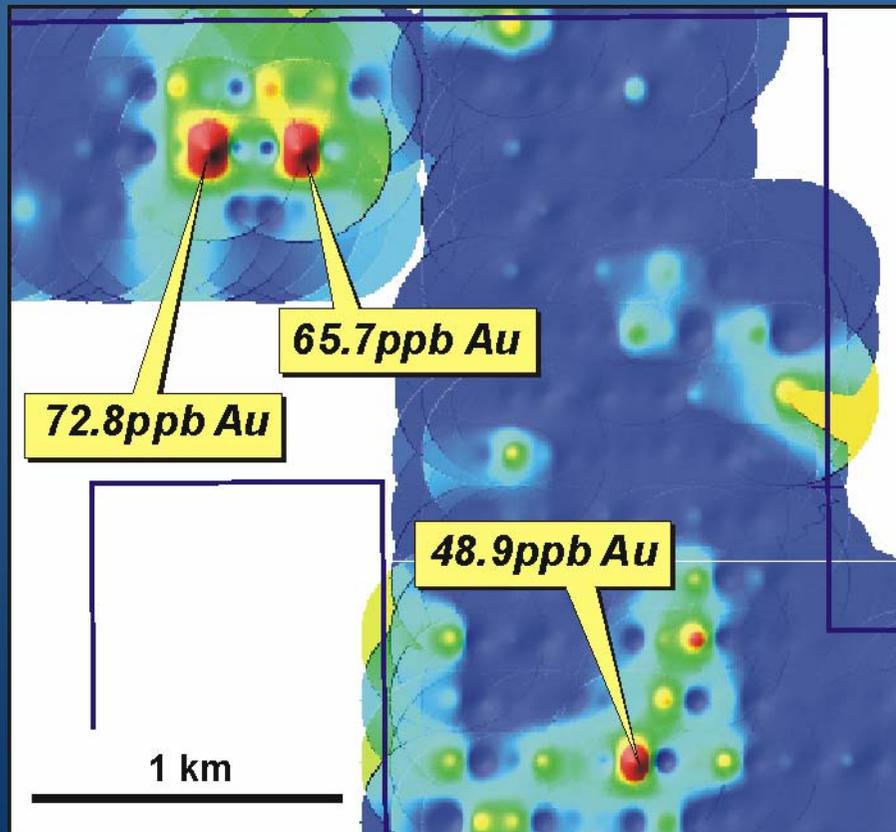
## Goldsearch JV - Bloods Range Gold Geochem Image



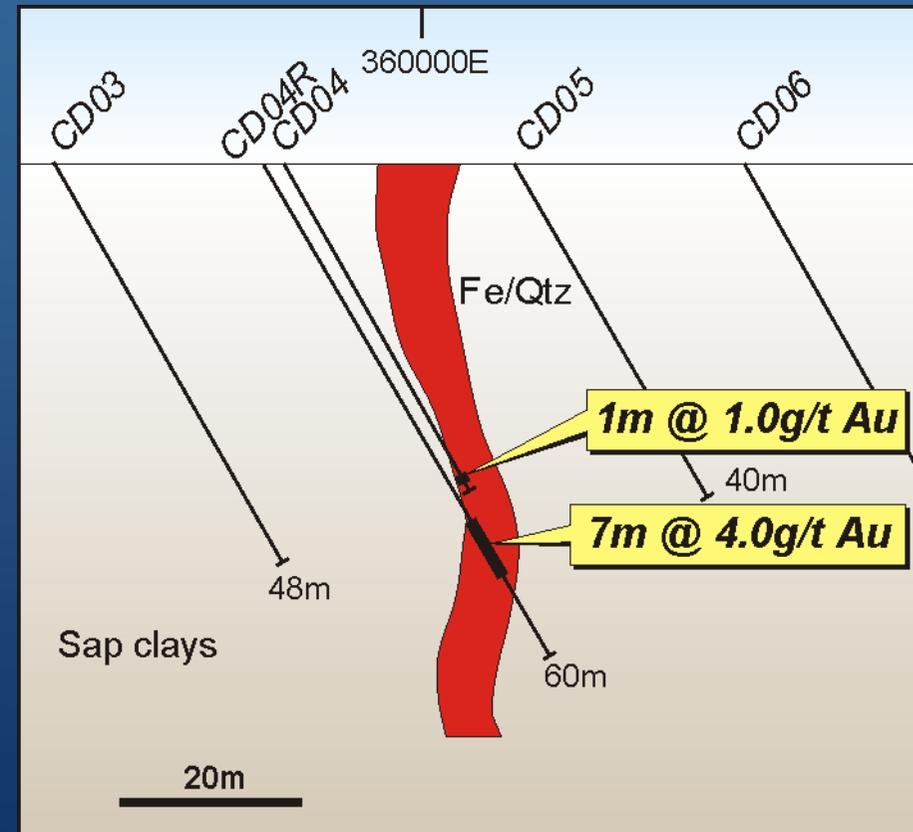


# MURRIN SOUTH & LEONORA GOLD PROJECTS

## Murrin South Gold in Auger Geochemistry Image



## Leonora Project Cross-Section

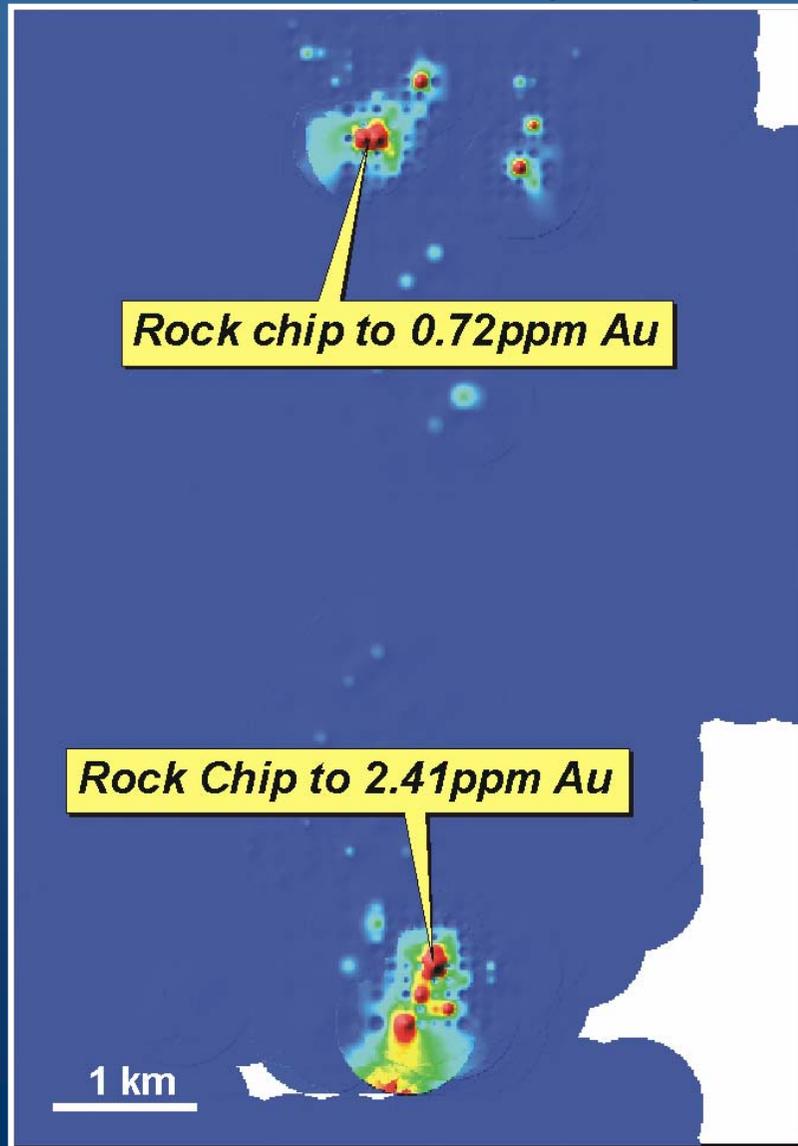




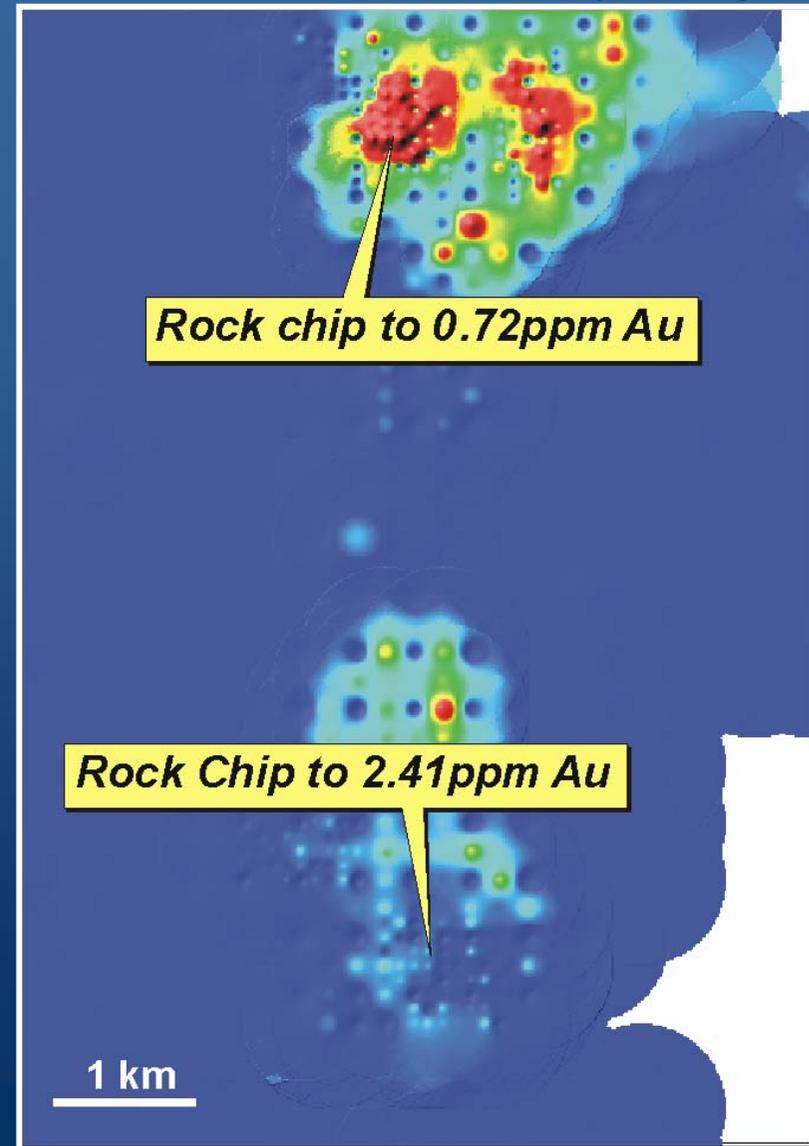
# MT PADBURY PROJECT

## IGO earning 90%

### Gold Geochemistry Image



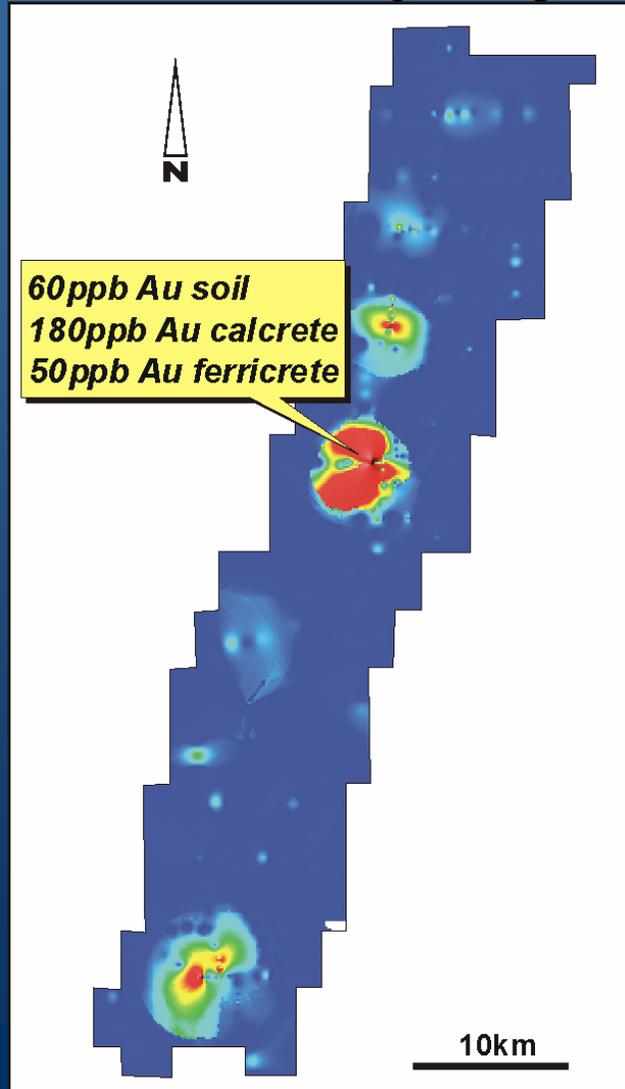
### Arsenic Geochemistry Image



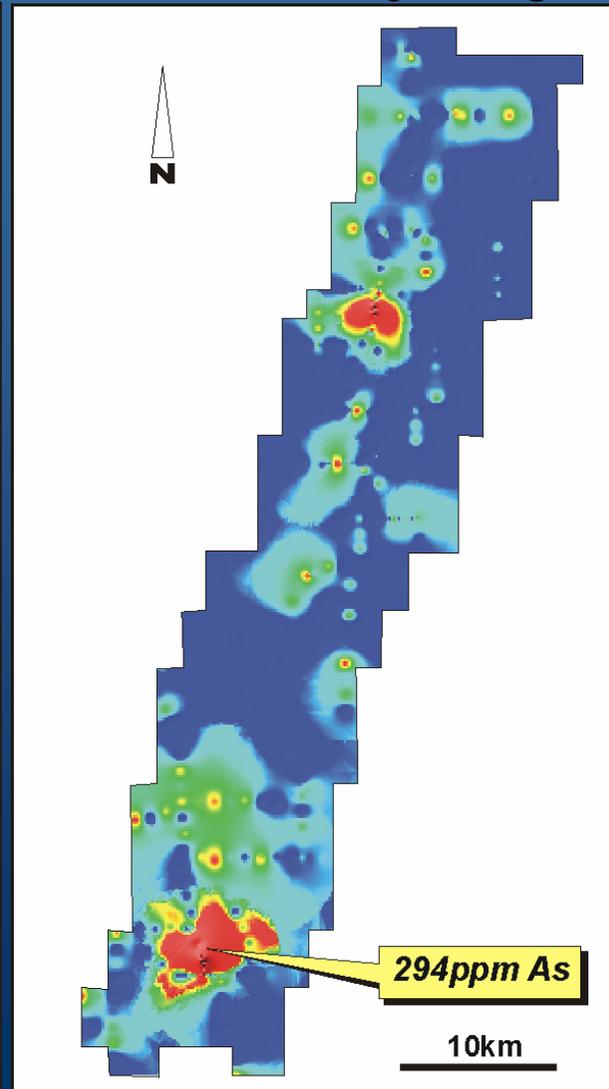


# DALWALLINU PROJECT

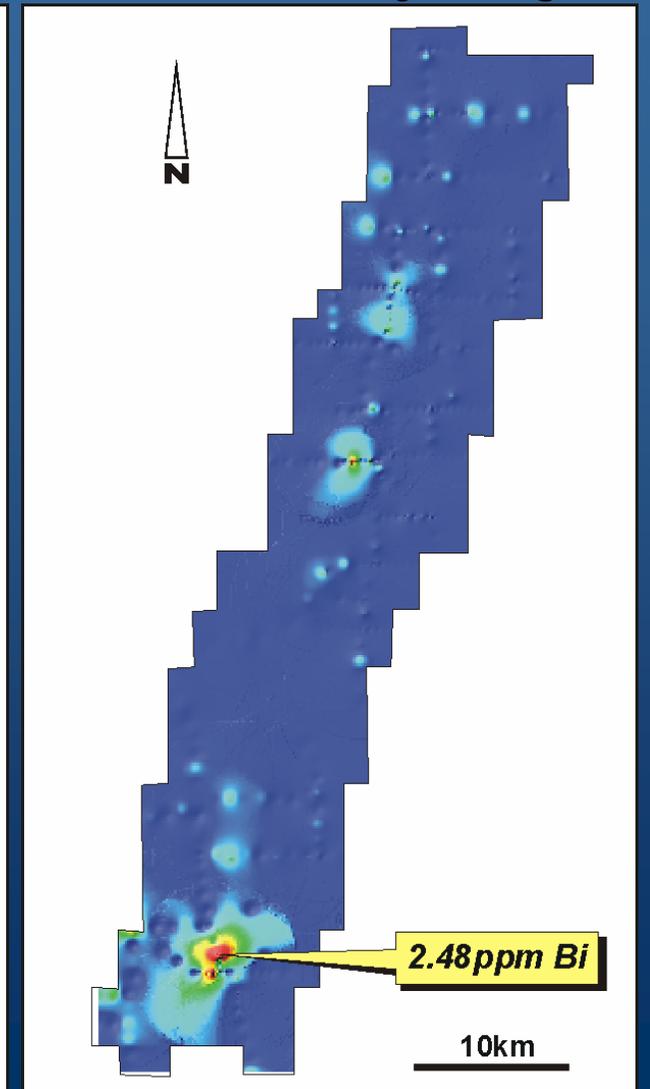
## Gold Geochemistry Image



## Arsenic Geochemistry Image



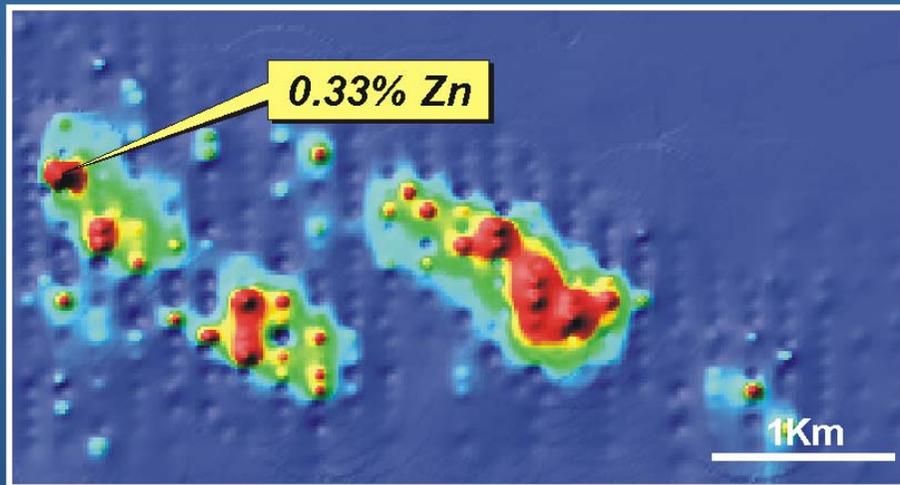
## Bismuth Geochemistry Image



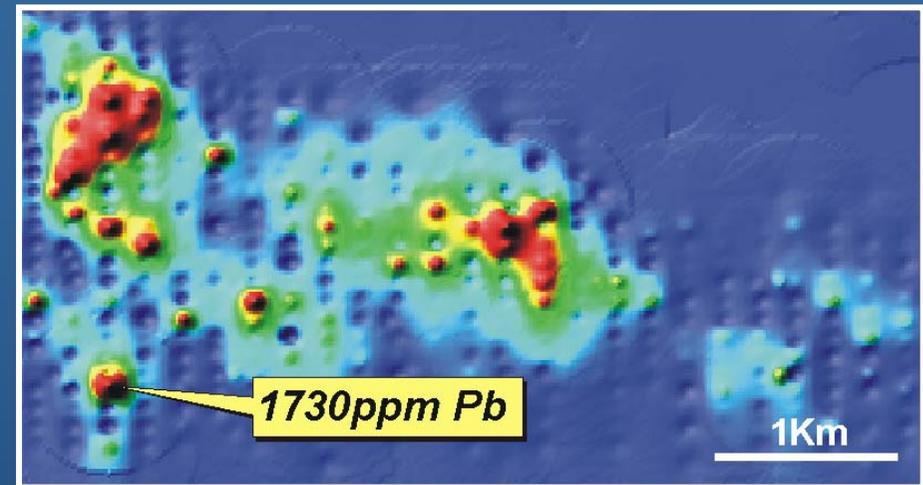


# MT ISDELL PROJECT

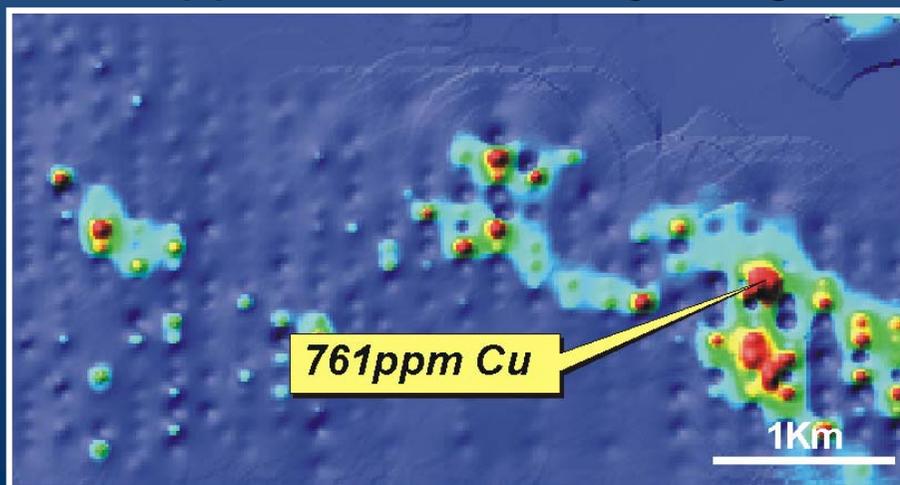
## Zinc Geochemistry Image



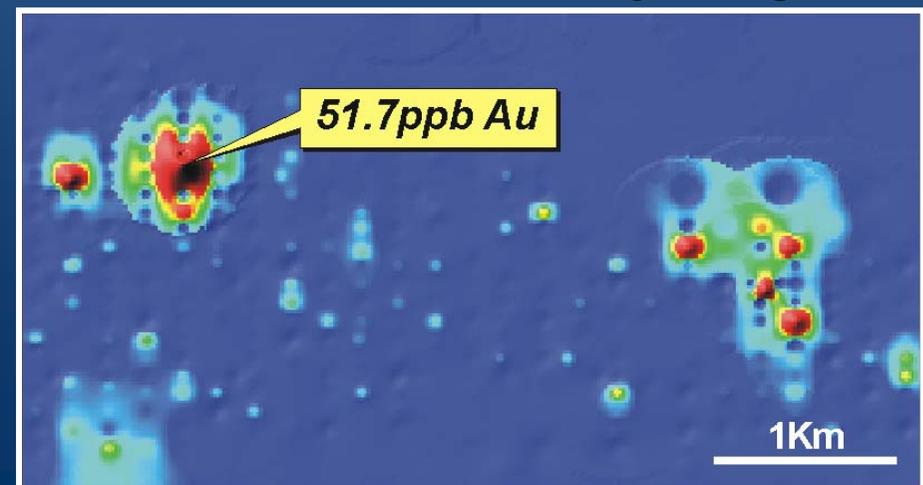
## Lead Geochemistry Image



## Copper Geochemistry Image



## Gold Geochemistry Image





# SUMMARY

- ) +5 year mine life with low cash costs.**
- ) Strong cash position.**
- ) Significant cash flow available for growth and fully franked dividends.**
- ) Exposure to exploration upside at Long and on regional nickel and gold plays.**
- ) \$6M exploration budget plus Long South decline.**
- ) Acquisitions must be value accretive.**



# INDEPENDENCE GROUP NL



***Creating Shareholder Wealth***