



**Pioneer**  
nickel

# Gaining Ground



David Crook, Managing Director  
Nickel Conference: October 2006



## Confidentiality Warning and Disclaimer

- This presentation is provided to you for the sole purpose of providing preliminary background technical, financial and other information to enable you to review the business activities of Pioneer Nickel Limited (“Pioneer”).
- The material provided to you does not constitute an invitation, solicitation, recommendation or an offer to purchase or subscribe for securities.
- The information in this document will be subject to completion, verification and amendment and should not be relied upon as a complete and accurate representation of any matters that a potential investor should consider in evaluating Pioneer.
- This document may contain “forward looking statements” which are made in good faith and are believed to have reasonable basis. However, such forward looking statements are subject to risks, uncertainties and other factors which could cause the actual results to differ materially from the future results expressed, projected or implied by forward looking statements.



# Investment Highlights

## Recent Progress Includes:

### **Strategic Additions to Project Portfolio**

- High expectation of discoveries in the near term

### **Capital Raisings means the Company is well funded**

- Industry-best exploration programmes are in progress

### **Strategic Joint Venturing Achieved**

- Quality of project portfolio recognised

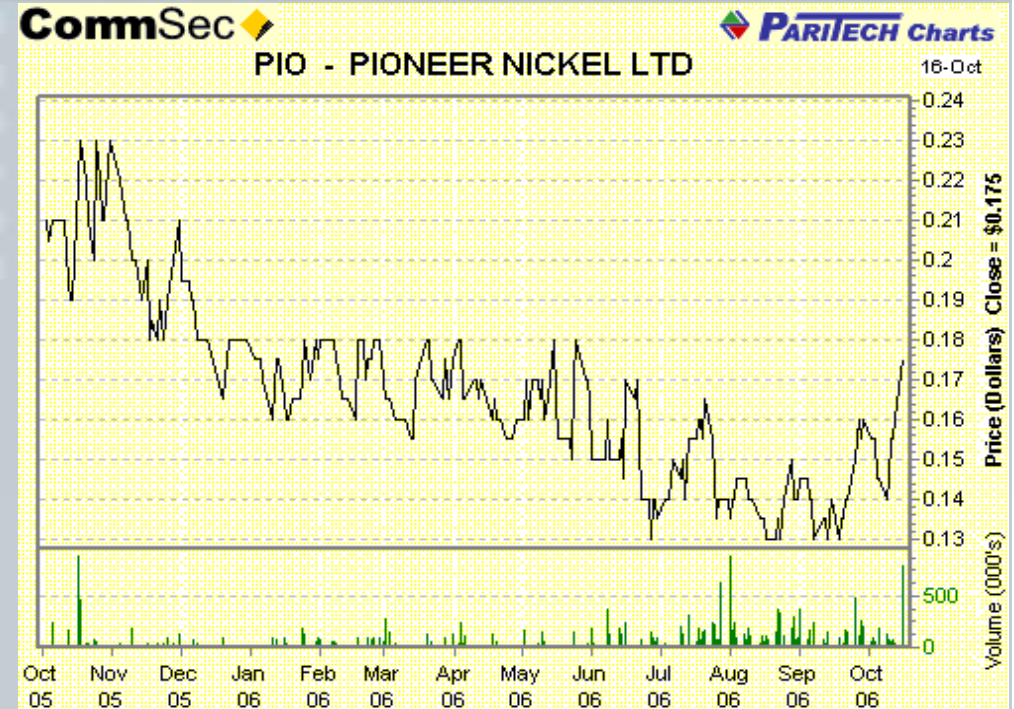




# Financial Snapshot

## Pioneer Nickel (ASX: PIO)

- Issued Shares 78.1m
- Unlisted Options 18.85m
- Share Price 17 August 17.5 c
- 12 Month Range 13 – 23c
- Market Capitalisation \$13.7m
- Cash ~\$3.8m



## Largest Shareholders

Jubilee Mines	17.4%
Kurana Pty Ltd	6.09%
Link Traders	3.07%
MBM Corporation Pty Ltd	1.86%



***Reg Gillard – Chairman***

An accountant with more than 30 years of experience  
Holds a number of Board positions on ASX listed companies particularly in the resources sector



***David Crook – Managing Director***

A geologist with 25 years experience in the mining industry, including senior exploration, mining and management roles with a number of Australian and international companies.



***Allan Trench – Non-Executive Director***

A mineral economist, geophysicist and business management consultant.  
Previously led nickel sulphide exploration teams for WMC Resources and held senior business advisory role with KCGM and now with a petroleum major.



***Peter Langworthy – Non-Executive Director***

A geologist with 20 years experience  
Currently Exploration Manager of Jubilee Mines



## Projects Overview

### Golden Ridge (Pioneer)

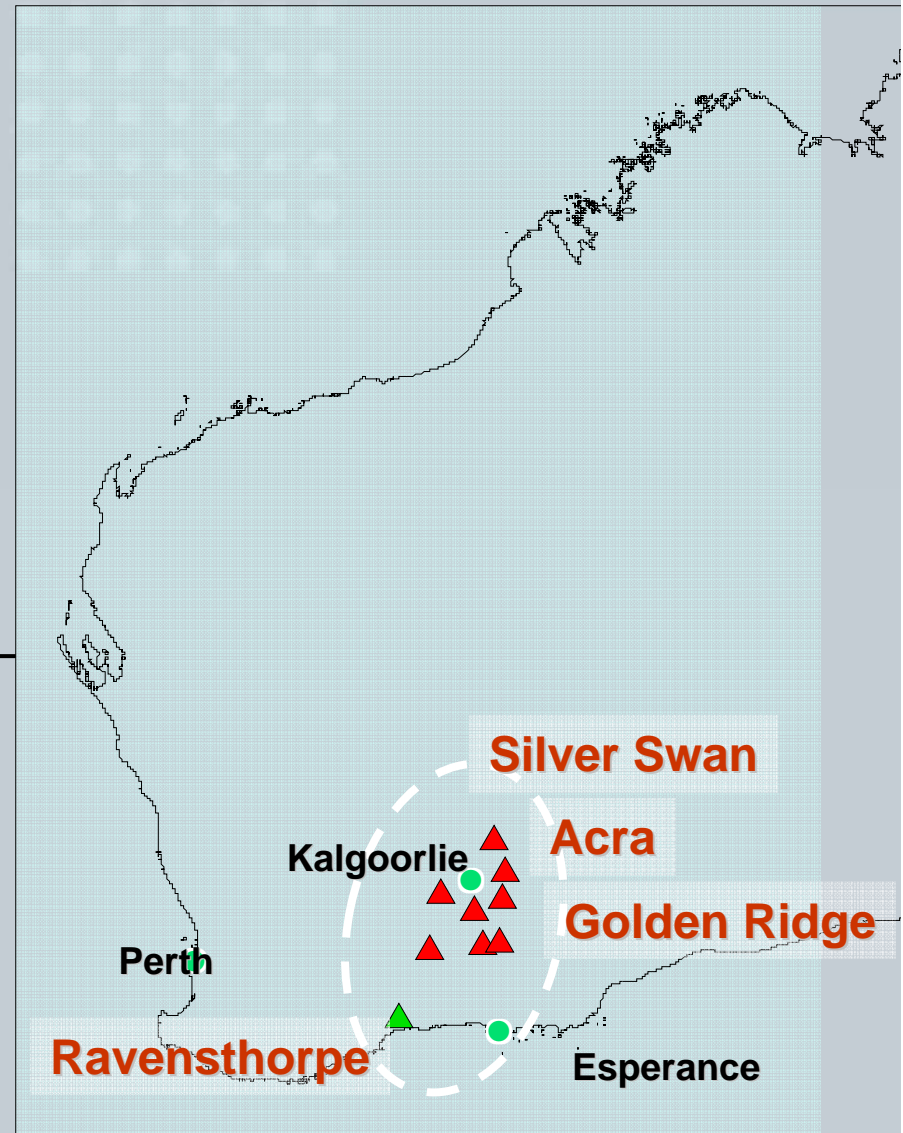
- New targets
- Inaugural resource

### Ravensthorpe (Pioneer)

- Explore large Cu/Au system
- New drill results

### Acra (JV with Jubilee)

### Silver Swan (JV with BHP)





## Projects Overview

### Golden Ridge (Pioneer)

- New targets
- Inaugural resource

### Ravensthorpe (Pioneer)

- Explore large Cu/Au system
- New drill results



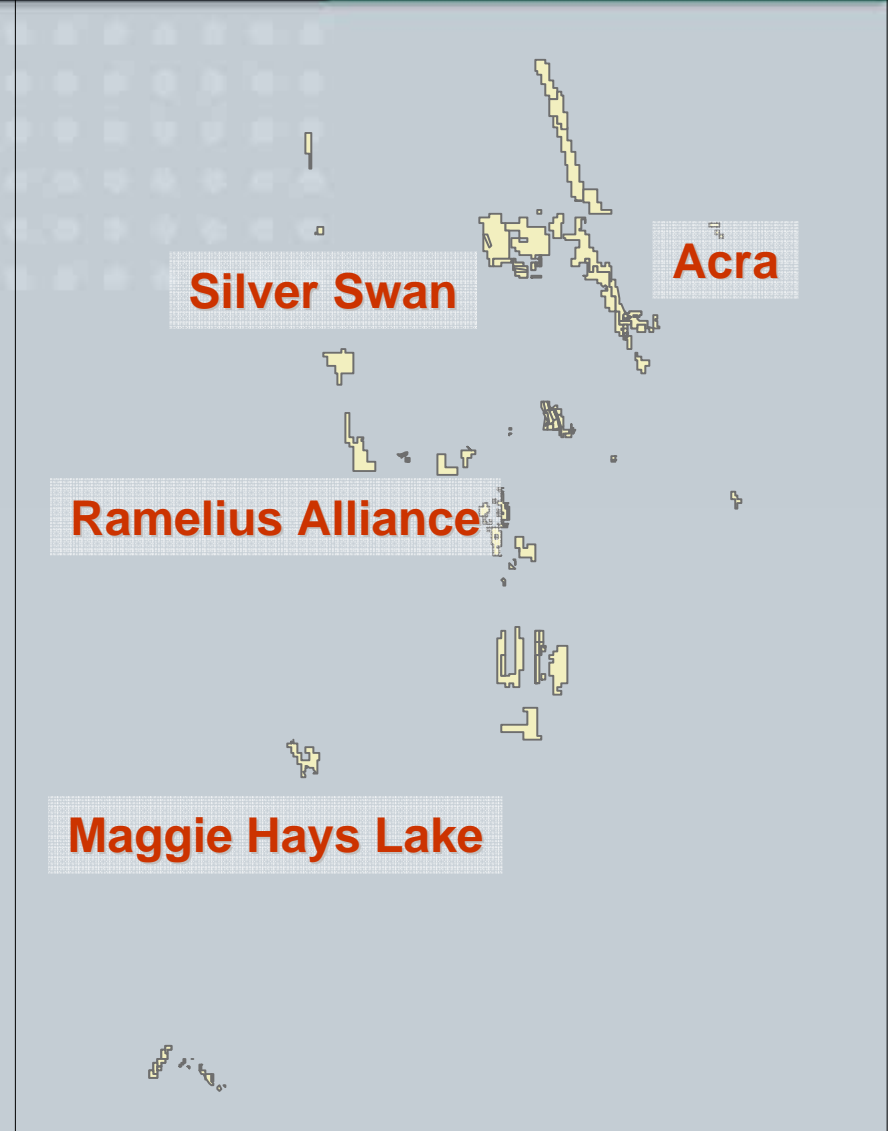




# Projects Overview

## JV Portfolio

- Jubilee Mines NL: Acra JV Project;
- LionOre Australia (Nickel) Limited: Maggie Hays Lake JV Project;
- BHP Billiton Minerals Pty Limited: Silver Swan Northwest JV Project;
- Ramelius Resources Limited Wattle Dam, Larkinville JV and Bullabulling JV Projects;
- Bass Metals Limited: Heazlewood and Whyte River JV Project (Tasmania); and
- Kinsha Exploration Pty Limited: New South Wales Royalty Project.







**Pioneer**  
NICKEL

## **Golden Ridge Joint Venture Nickel-Copper**

- ❖ **Earning 51% then decision point for 70-80%**
- ❖ **Northern extension Kambalda Nickel Field**
- ❖ **Initial drill results positive**
- ❖ **Geological is better understood**
- ❖ **First resource announced**





# Golden Ridge Joint Venture Nickel-Copper

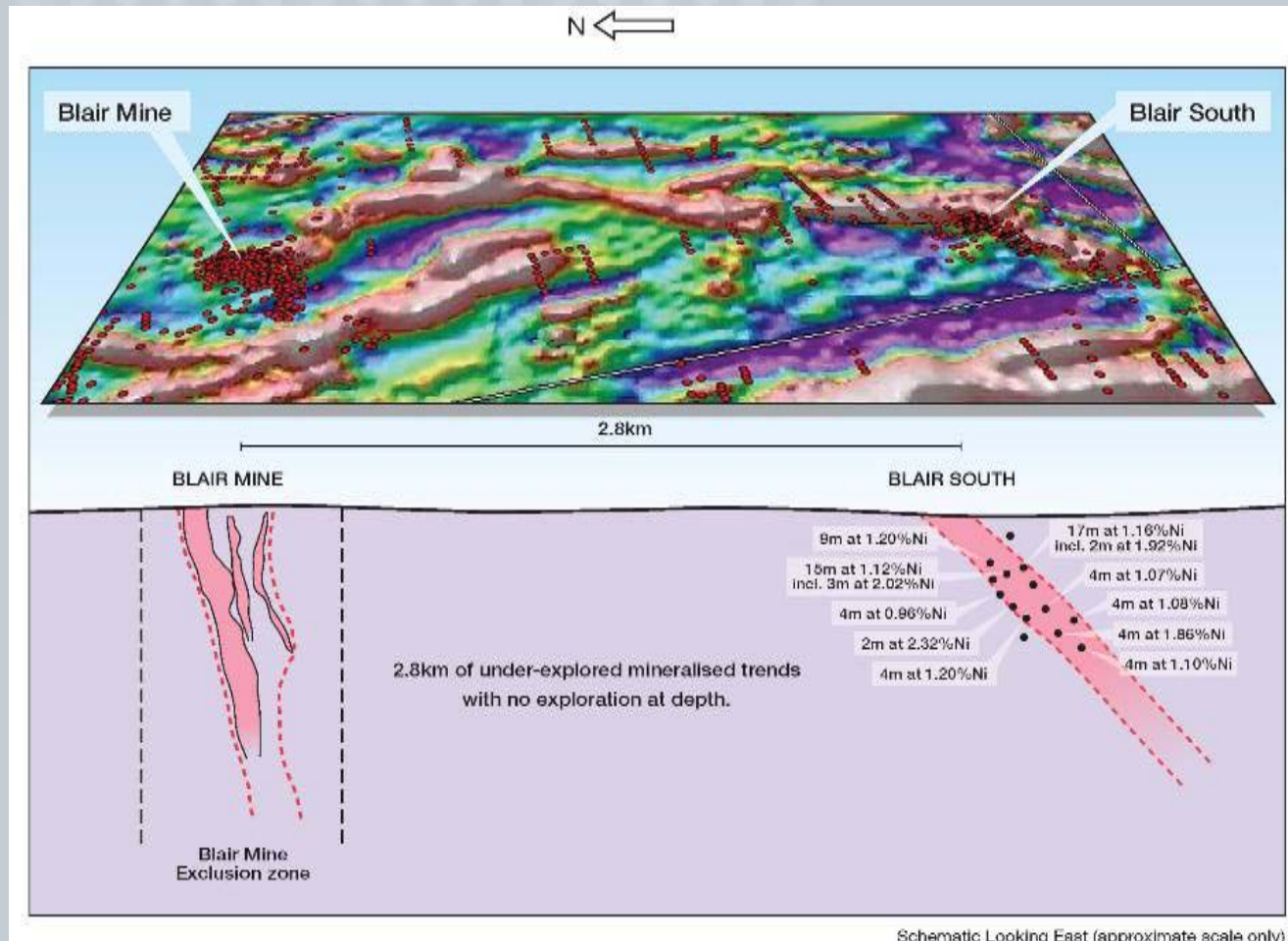
- Alluvial material can make surface geochemistry ineffective
- The mine and prospects occur in areas of outcrop, where geochemistry will work but...
- What about areas under cover?







# Golden Ridge Joint Venture Nickel-Copper

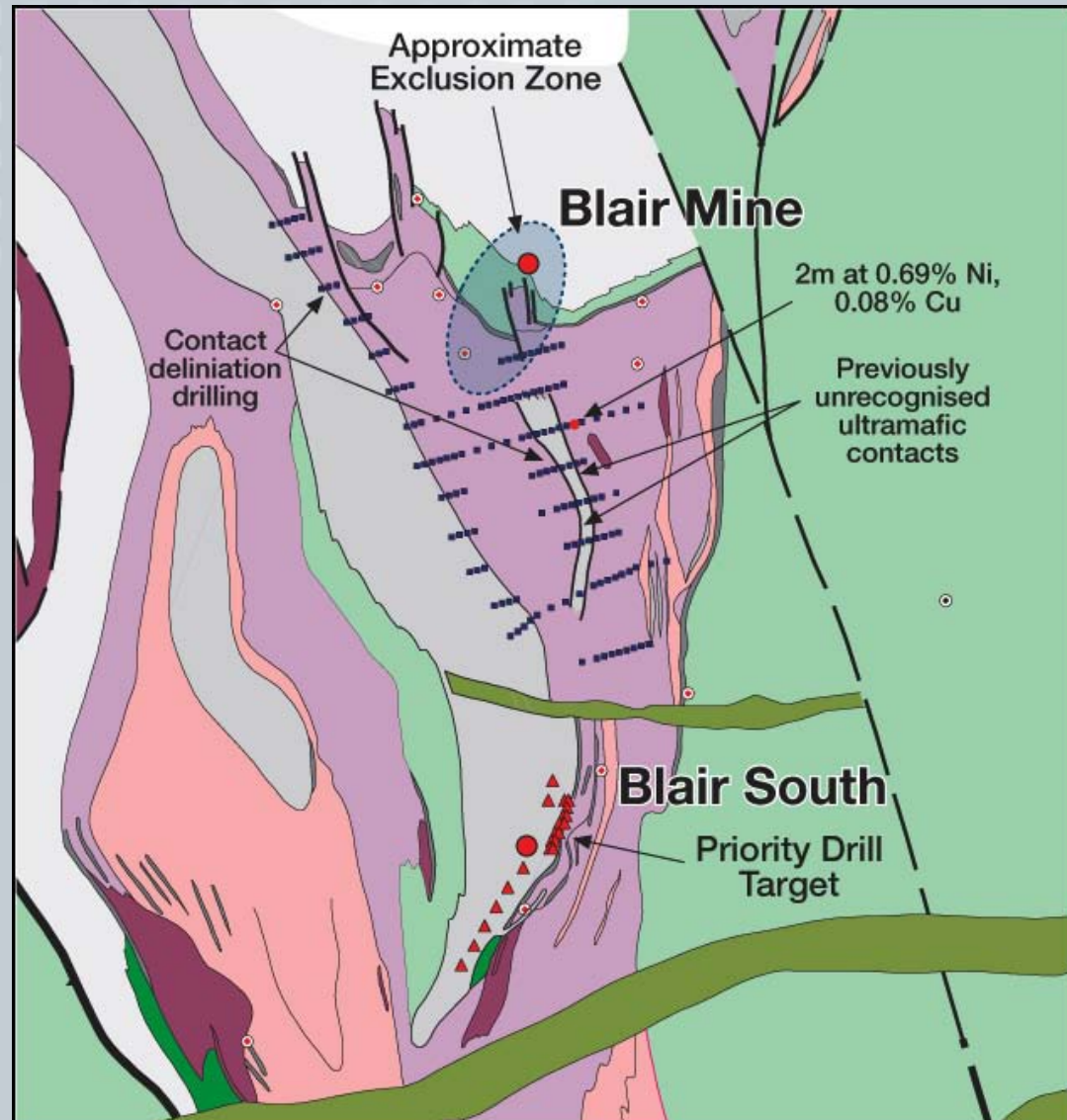






# Golden Ridge Joint Venture Nickel-Copper

- Previously unrecognised mineralised ultramafic contacts located.
- Blair South Prospect inaugural resource  
151kt at 1.43% Ni  
(2,160 tonnes Ni)





# Golden Ridge Joint Venture

## Nickel-Copper

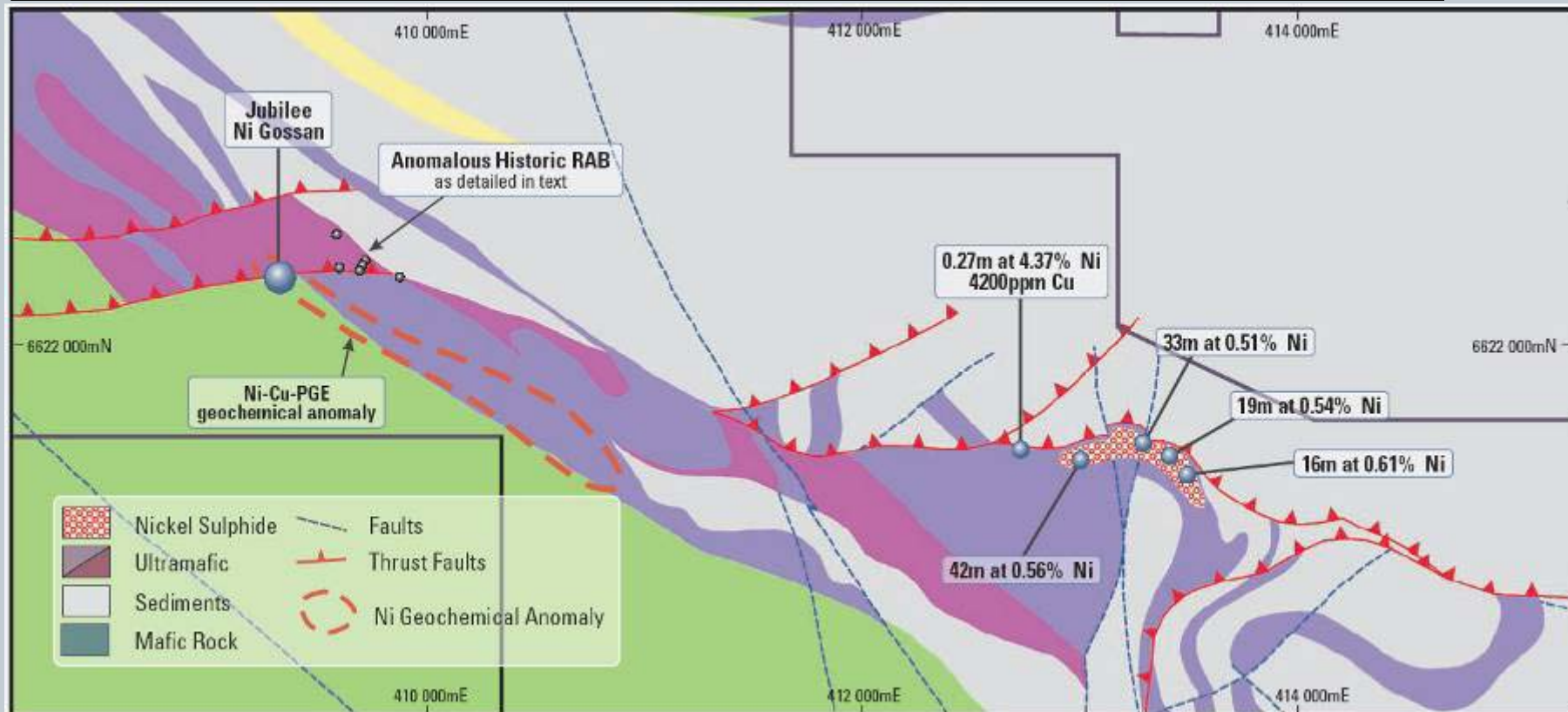
### Current Programme

- RAB Drilling of obscured contacts - now
- RC Drilling of the Blair South Resource and Southern Blair South Surface in two weeks
- Gravity Survey next week
- Aeromag/ Gravity/ Geochemistry/ Geology synthesis will be complete by 1<sup>st</sup> quarter 2007.



# Acra Joint Venture Nickel-Copper-(Gold)

Object is to discover another Cosmos/Prospero system

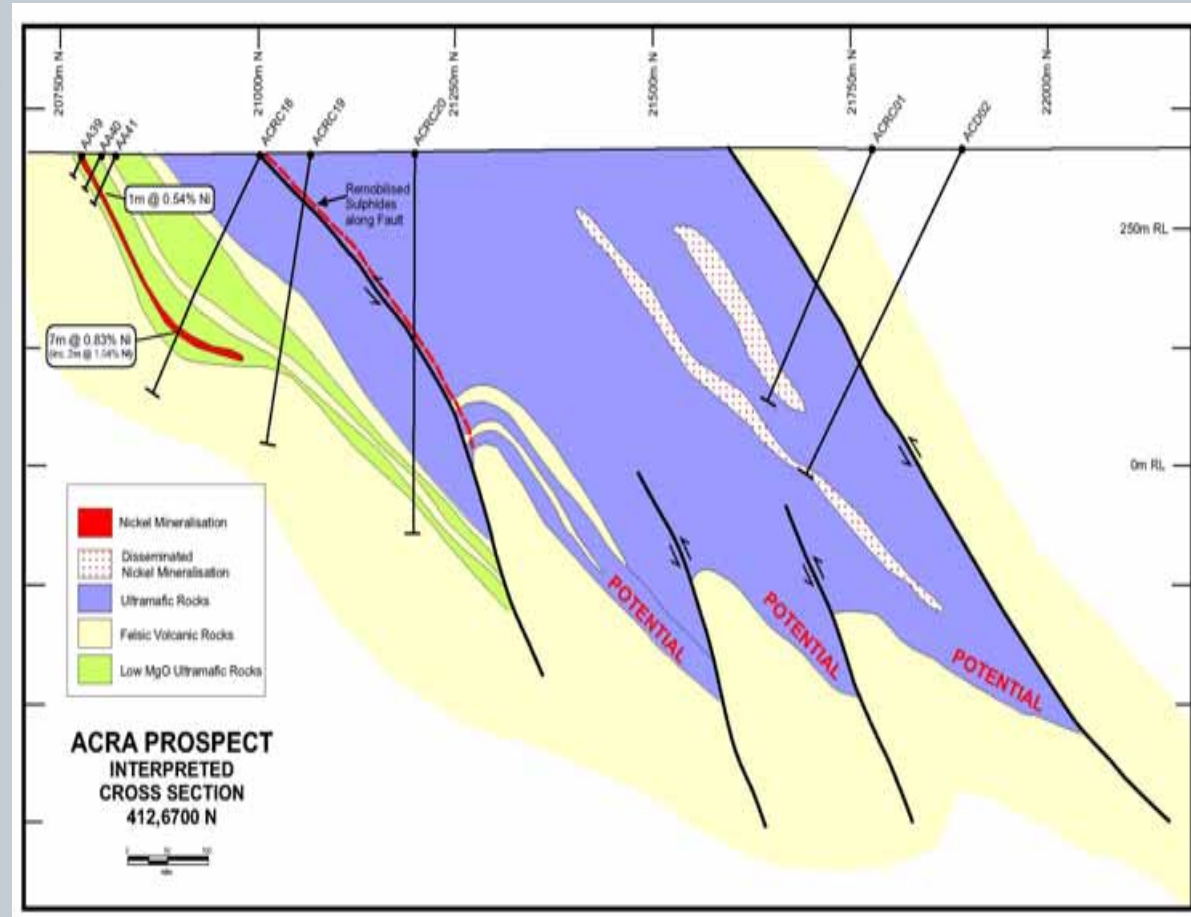






# Acra Joint Venture Nickel-Copper-(Gold)

- ❖ New insights into geology
- ❖ Drilling provides early encouragement inc 2m at 1.04% Ni
- ❖ Large disseminated system identified – these are often near massive ore systems
- ❖ RC Drilling now





# Silver Swan Joint Venture Nickel

## BHP Billiton Minerals

### “Partnerships are Core to BHP Billiton MINEX Strategy”:

- ❖ BHP earning an 80% interest by spending US\$5.0m
- ❖ Large number of untested targets in under explored area close to existing nickel mines
- ❖ BHP will manage the project and apply GeoFerret EM technology plus other leading edge techniques

Key Tenements due for grant now



# Ravensthorpe Joint Venture

## Copper-Gold

- ❖ Earning up to 85%
- ❖ Was largest copper mine in WA
- ❖ Mine closed in 1970s during low Cu/Au prices
- ❖ Significant mineralised system – mine workings are 850m long
- ❖ Unexplored below mine workings



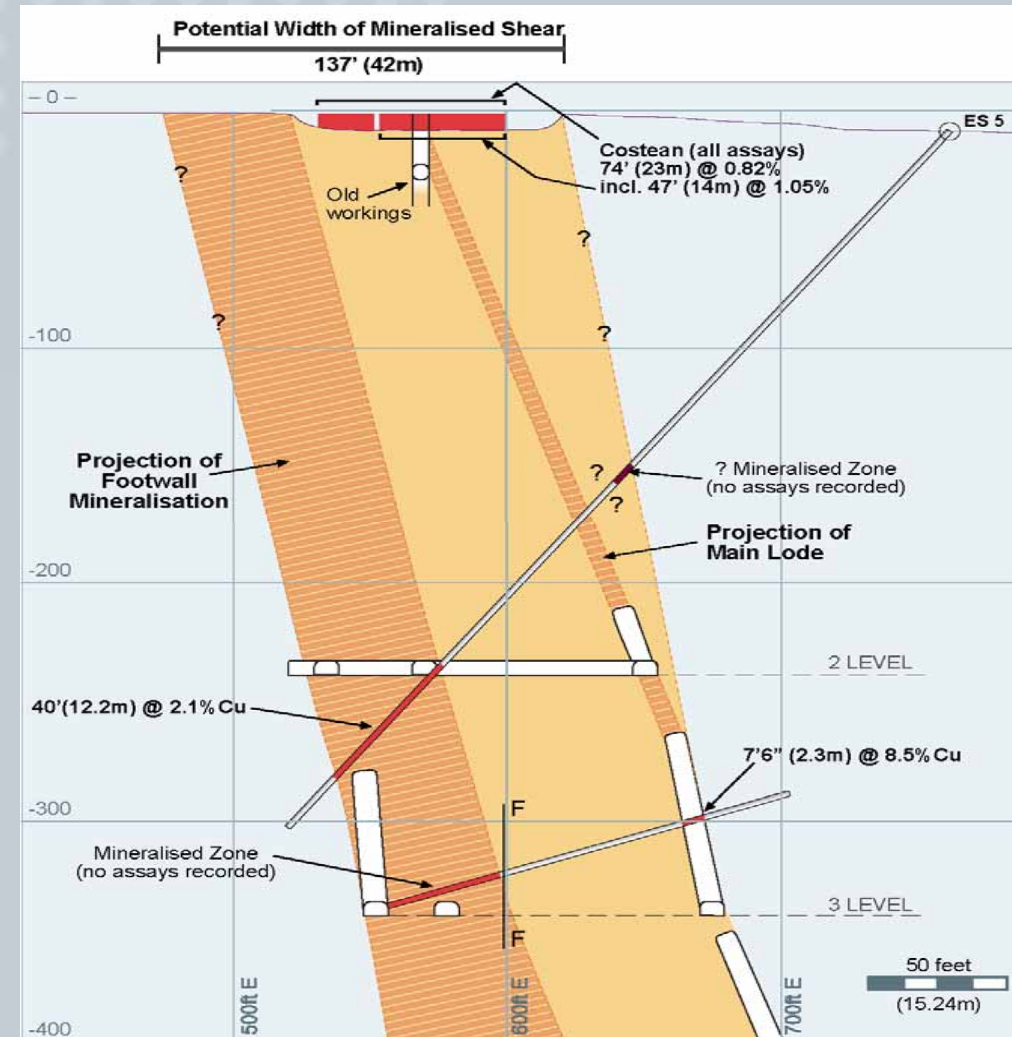




# Ravensthorpe Joint Venture Copper-Gold

Potential for:

- ❖ Broad halo of sulphide copper mineralisation
- ❖ Mineralisation of this nature could be developed by open pit methods





# Ravensthorpe Joint Venture

## Copper-Gold

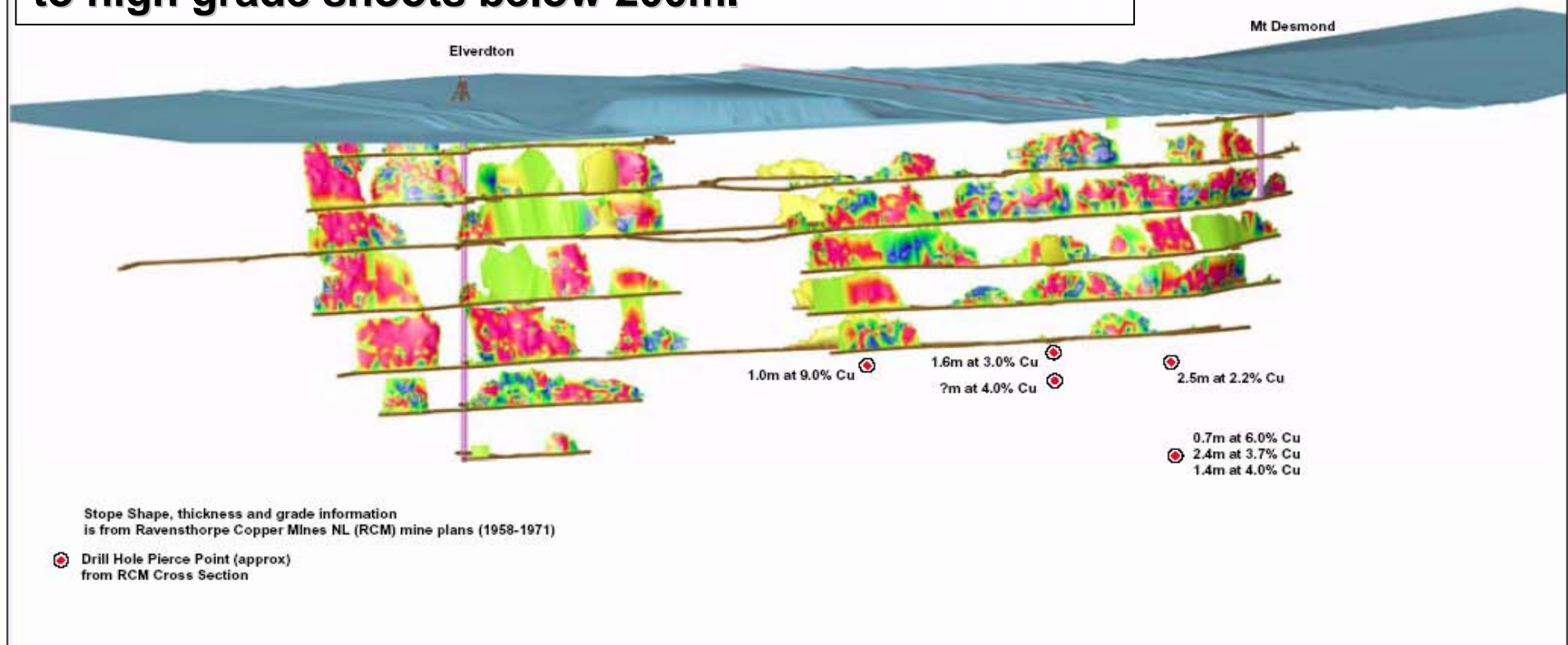
**Significant Drilling Results: Ravensthorpe Joint Venture**

Prospect	Hole ID	From (m)	To (m)	Intercept (m)	Cu (%)	Au (g/t)
Mt Desmond	ELV_09_06_001	13	18	5	1.27	0.57
Mt Desmond	ELV_09_06_002	18	22	4	1.56	0.36
		26	27	<b>1</b>	<b>9.56</b>	<b>53.8</b>
Mt Desmond	ELV_09_06_003	19	30	11	1.06	0.31



# Ravensthorpe Joint Venture Copper-Gold

**Drilling will target potential down plunge extensions to high grade shoots below 200m.**







# Ravensthorpe Joint Venture

## Copper-Gold

### Current Programme

- 7,000m staged drilling programme planned - First results very encouraging.
- Clearing application with DoIR.
- Aeromag/ Geochemistry/ VTEM scheduled.
- Synthesis will be complete during 1<sup>st</sup> quarter 2007.
- Deeper drilling for the source of remobilised mineralisation will follow.



# 2006

PROJECT	Q4 2006	Q1 2007
<b>Golden Ridge JV</b> (PIO <80%)	Drilling	Drilling/Modelling
	Gravity/Magnetics/Geochemistry/Geology/TEM	
<b>Ravensthorpe</b> (PIO 100%)	Drilling	Drilling
	Clearing Applications	Aeromag VTEM Modelling
<b>Acra JV</b> (JBM <75%)	Drilling	Drilling/Modelling
<b>Silver Swan JV</b> (BHPB <80%)	Tenements granted	
	Exploration to include Geoferrret and other modern technology	



**Pioneer**  
nickel

## Leveraged for Discovery

### **ADVANCED PROJECTS**

- ✓ Nickel, copper and gold

### **ACTIVE EXPLORATION PROGRAMME**

- ✓ On-going and accelerating
- ✓ Strong results flow

### **PARTNERING WITH INDUSTRY LEADERS**

- ✓ Increases results
- ✓ Manages risk

### **STRONG BOARD WITH TRACK RECORD**

- ✓ Experienced board
- ✓ Highly qualified management







**Pioneer**  
nickel

## Contact Details

### REGISTERED AND PRINCIPAL OFFICE

45 Brookman Street,  
Kalgoorlie WA 6430  
PO Box 883  
Kalgoorlie WA 6433

Telephone: +61 8 9091 6974

Facsimile: +61 8 9022 2294

Email: [pioneer@pionernickel.com.au](mailto:pioneer@pionernickel.com.au)

Internet: [www.pionernickel.com.au](http://www.pionernickel.com.au)

**ASX CODE: PIO**

