

**impact.**  
MINERALS

*Commonwealth, NSW*



# Investor Presentation

## Making an “Impact” In New South Wales

*Broken Hill, NSW*



**Managing Director: Dr Mike Jones**  
**Chief Operations Officer: Leo Horn**  
**June 2014**

# Introducing Impact Minerals (ASX:IPT)

<b>Listed on ASX</b>	November 2006
<b>Shares on Issue</b>	487m
<b>Options</b>	8 m listed IPTO 34m unlisted
<b>Share Price</b>	3.5¢
<b>Market Cap</b>	\$18m
<b>Key Projects</b>	Commonwealth Au-Ag-Zn-Pb-Cu (NSW) Broken Hill JV: Ni-Cu-PGM (NSW) Mulga Tank JV: Ni-Cu-PGM (WA)



## Shareholders

Bunnenberg Family	31%
Directors	11%
Top 20	58%
Top 50	69%

**Still dominating in difficult times!**

# Two Major Drill Programmes: Q3 2014

## 1. COMMONWEALTH - NSW

- **Targeting a major high sulphidation porphyry system containing high grade gold silver and base metal deposits similar to the multi-million ounce mines at**
- 100% owned by Impact
- Historic mine grades of 6 g/t Au, 150 g/t Ag, 2% Cu, 15% Zn & 7% Pb
- Poorly explored, limited drilling to shallow depths
- Potential Company Maker Project
  - Recent recognition of major mineralised system covering many sq km
- 2,500 m drill programme for high grade Au-Ag-Zn-Pb-Cu
  - Testing multiple targets to confirm high sulphidation porphyry model
  - Multiple geophysical and geochemical targets
  - Resource definition drill out required to define an initial >100,000 oz gold eq.

# Two Major Drill Programmes: Q3 2014

## 2. BROKEN HILL - NSW

- **Targeting PGE + nickel-copper sulphide**
- Earning 80% from GCR (\$250,000 remaining to earn equity)
- Highest grade PGM project in Australia: drill intercepts of >20 g/t platinum-palladium and 6% copper and 4% nickel at the Platinum Springs Prospect
- 1,500 m drill programme at the Red Hill Prospect
  - Historic mine grades up to 3% Cu, 3% Ni, 40 g/t Pt, 70 g/t Ag
  - Eagle deposit analogy identified: 5Mt @ 3.7%Ni and 3% Cu
  - Drill targets :
    - Historic mine workings; rock chips up to 16 g/t Pt, 12 g/t Pd, 4% Ni, 8% Cu
    - Significant PGE-Ni-Cu-in-soil anomalies
    - EM and IP geophysical targets
- Drilling to commence after Commonwealth drill programme

# impact.

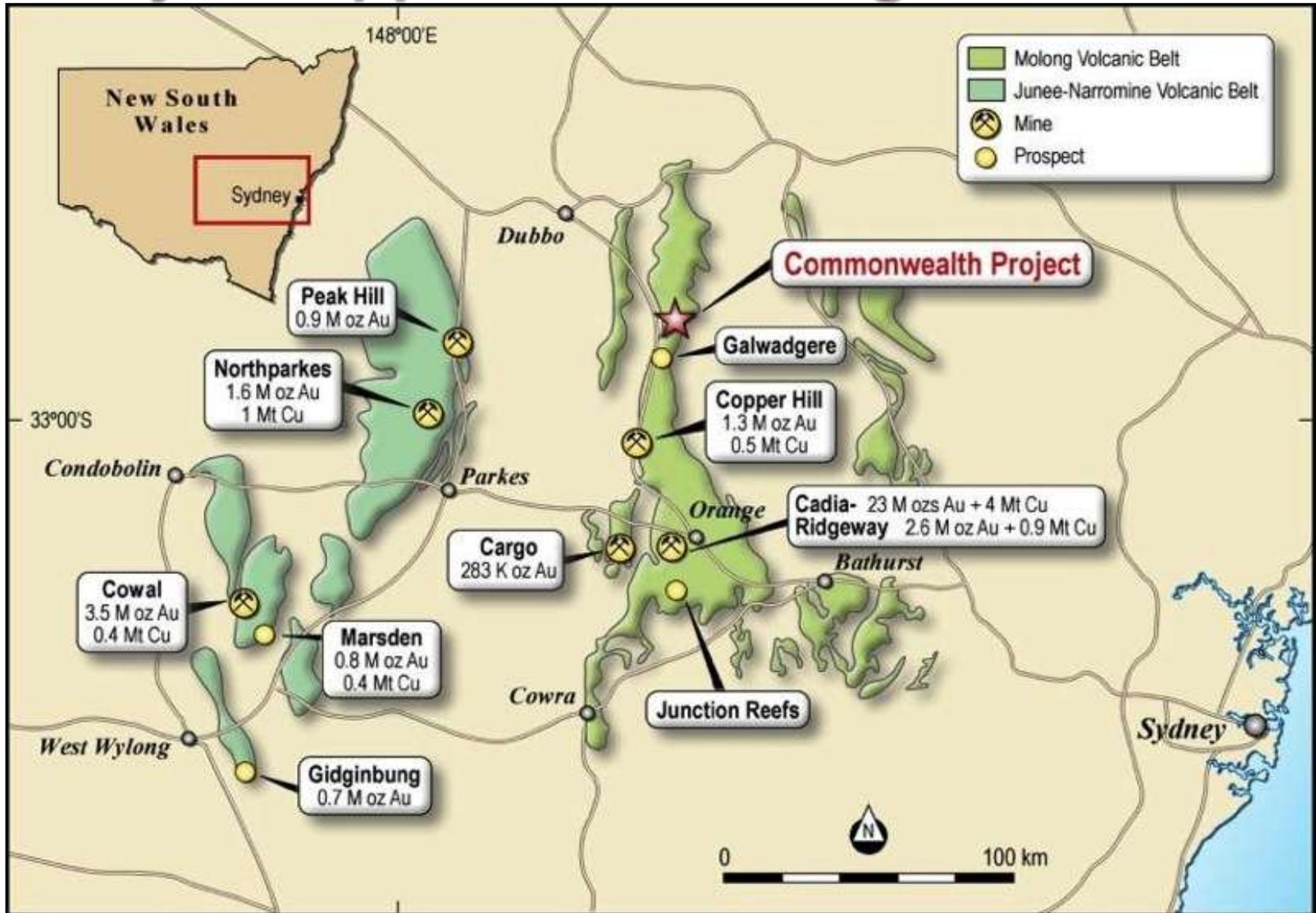
MINERALS

**Commonwealth  
Gold-Silver-Base Metal Project  
New South Wales**

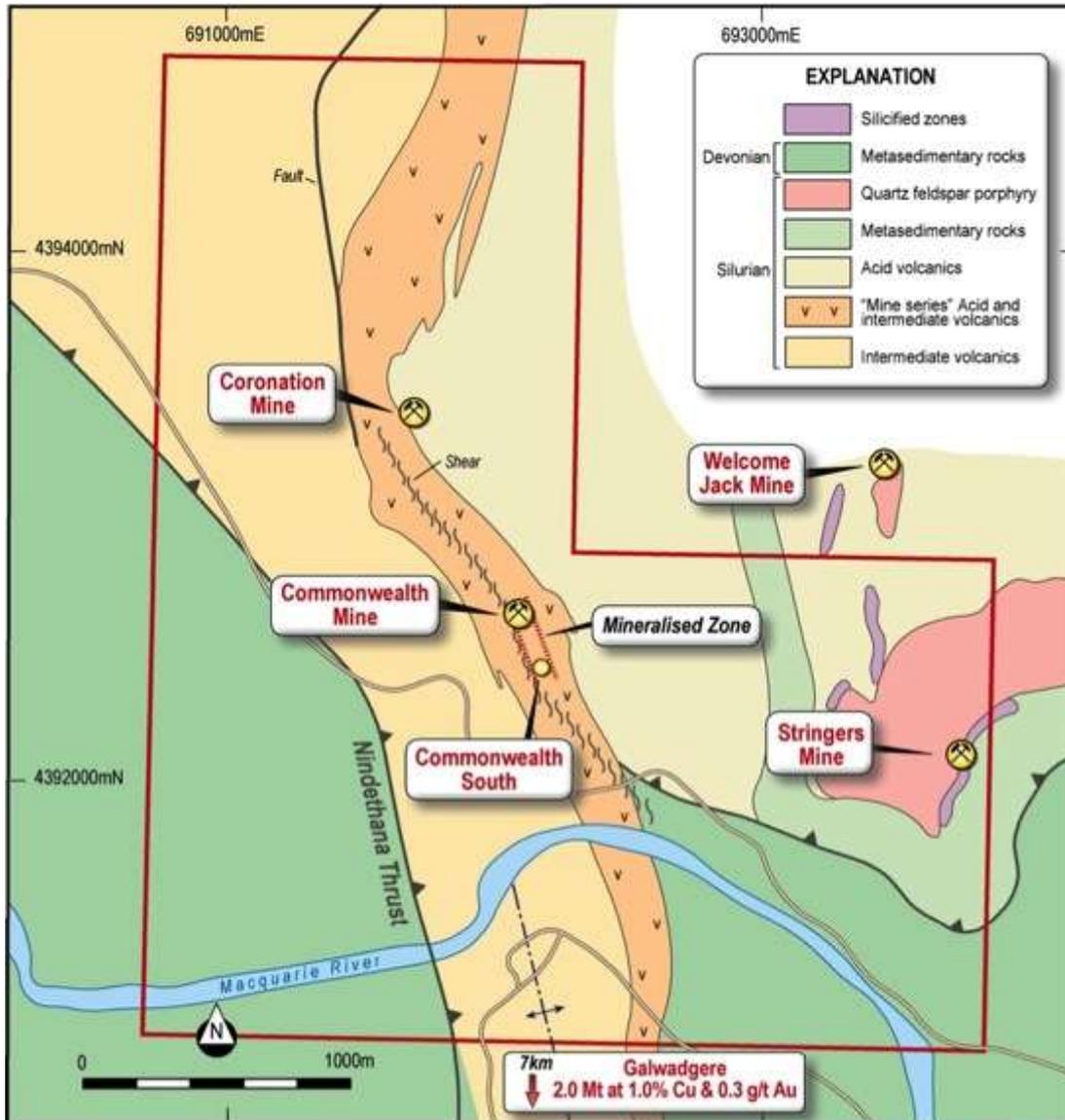
Impact 100%



# Major Copper-Gold Mining Province



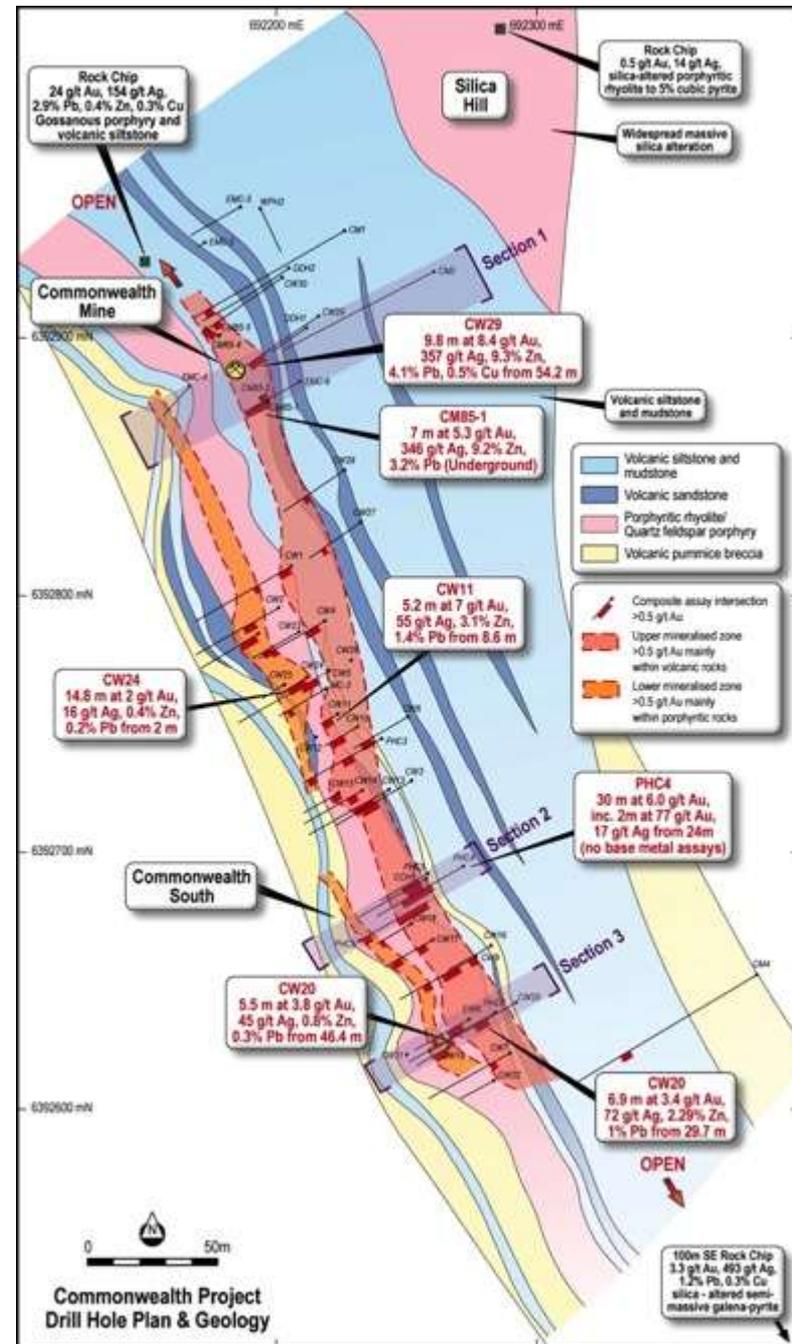
# Commonwealth Project: Previous Work



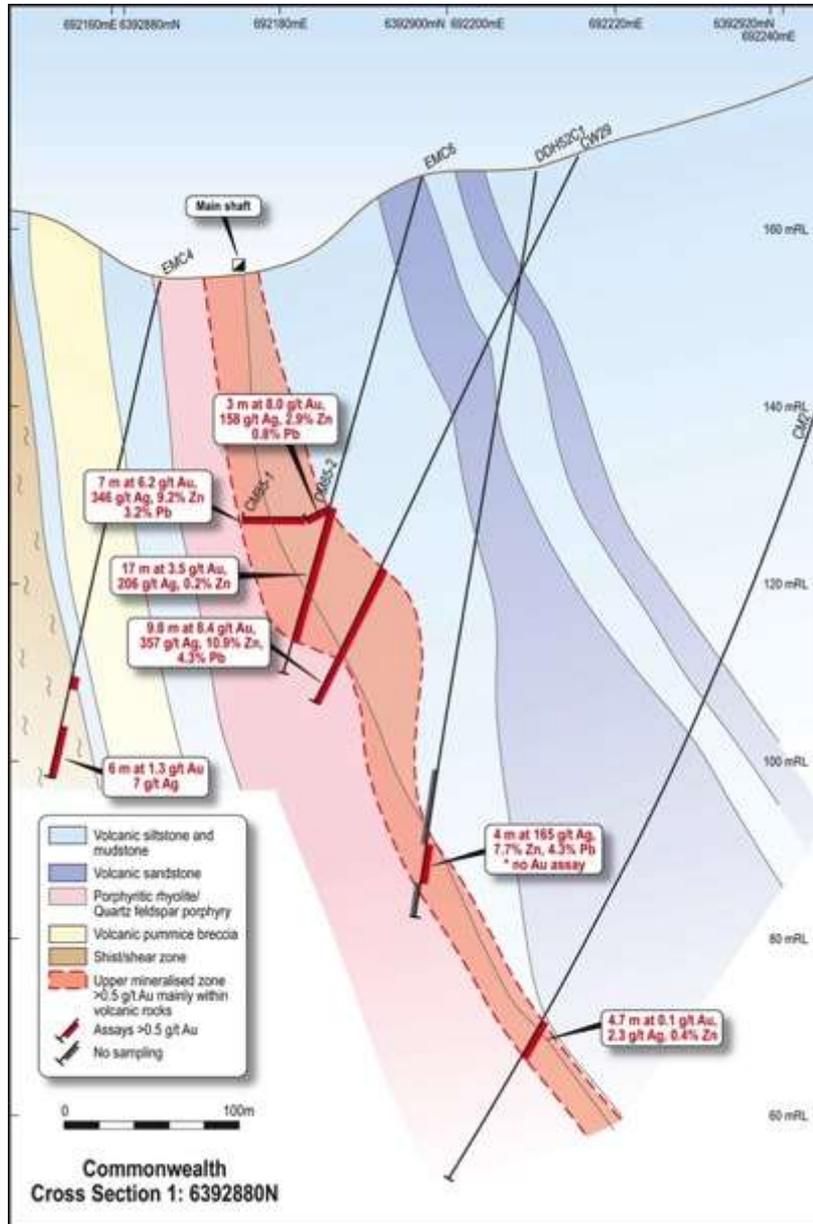
- Gold-rich Massive Sulphide Deposit
- Mined 1906-1930's
  - 6500 t at 6 g/t Au, 150 g/t Ag, 2% Cu, 15% Zn & 7% Pb**
- Poorly explored: 66 drill holes for an average depth of 53 metres.
- Previous exploration focus along 250 m strike at Commonwealth
- Acquisition in March 2013
- EL5874: 3-4 km strike potential

# Main Shaft Prospect

- Historic resource estimate over 50 m strike to 50 m depth indicates potential for multiple lenses of high grade massive sulphide
- Potential for significant deposit beneath & along strike from Main Shaft

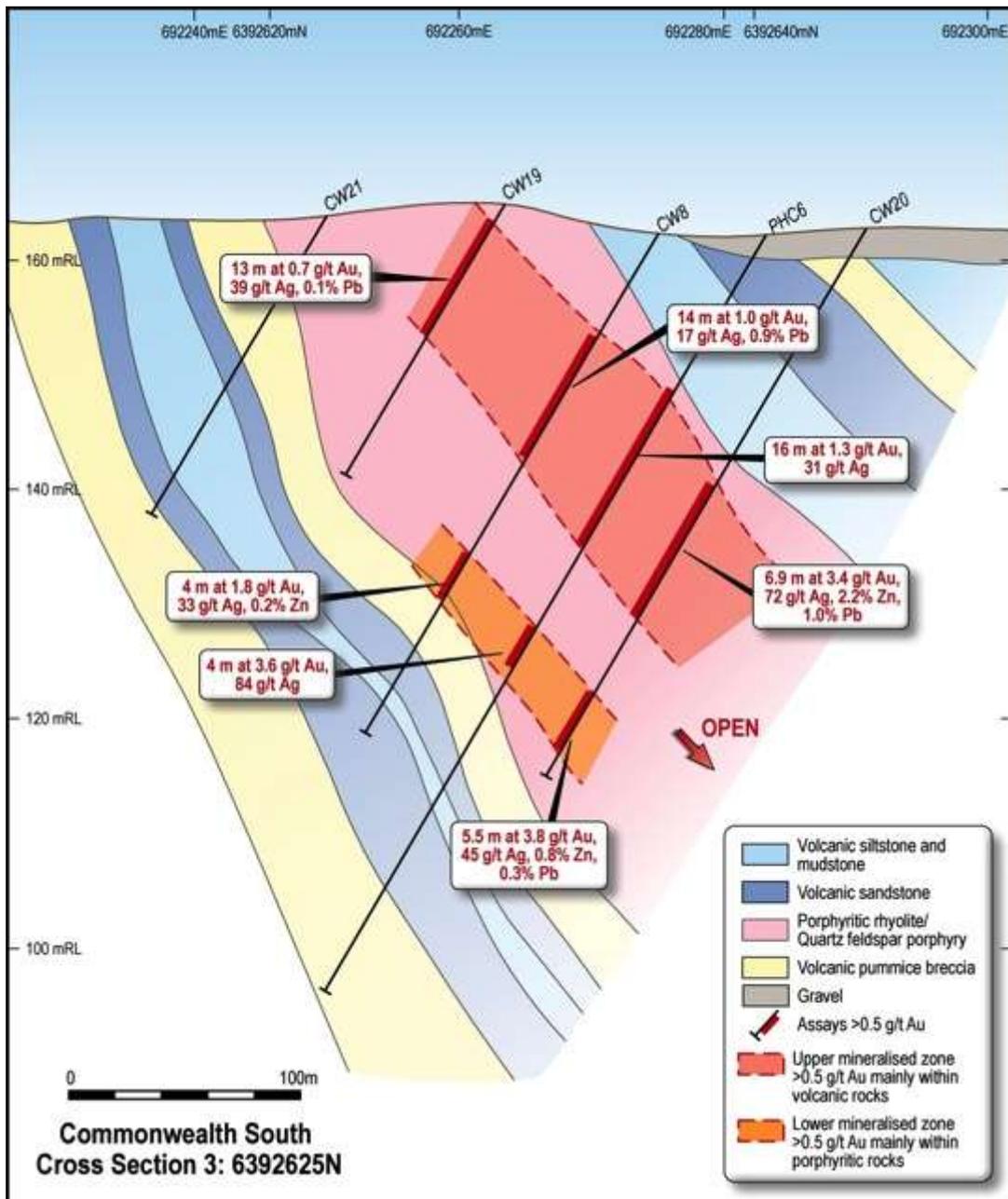


# Commonwealth: Main Shaft



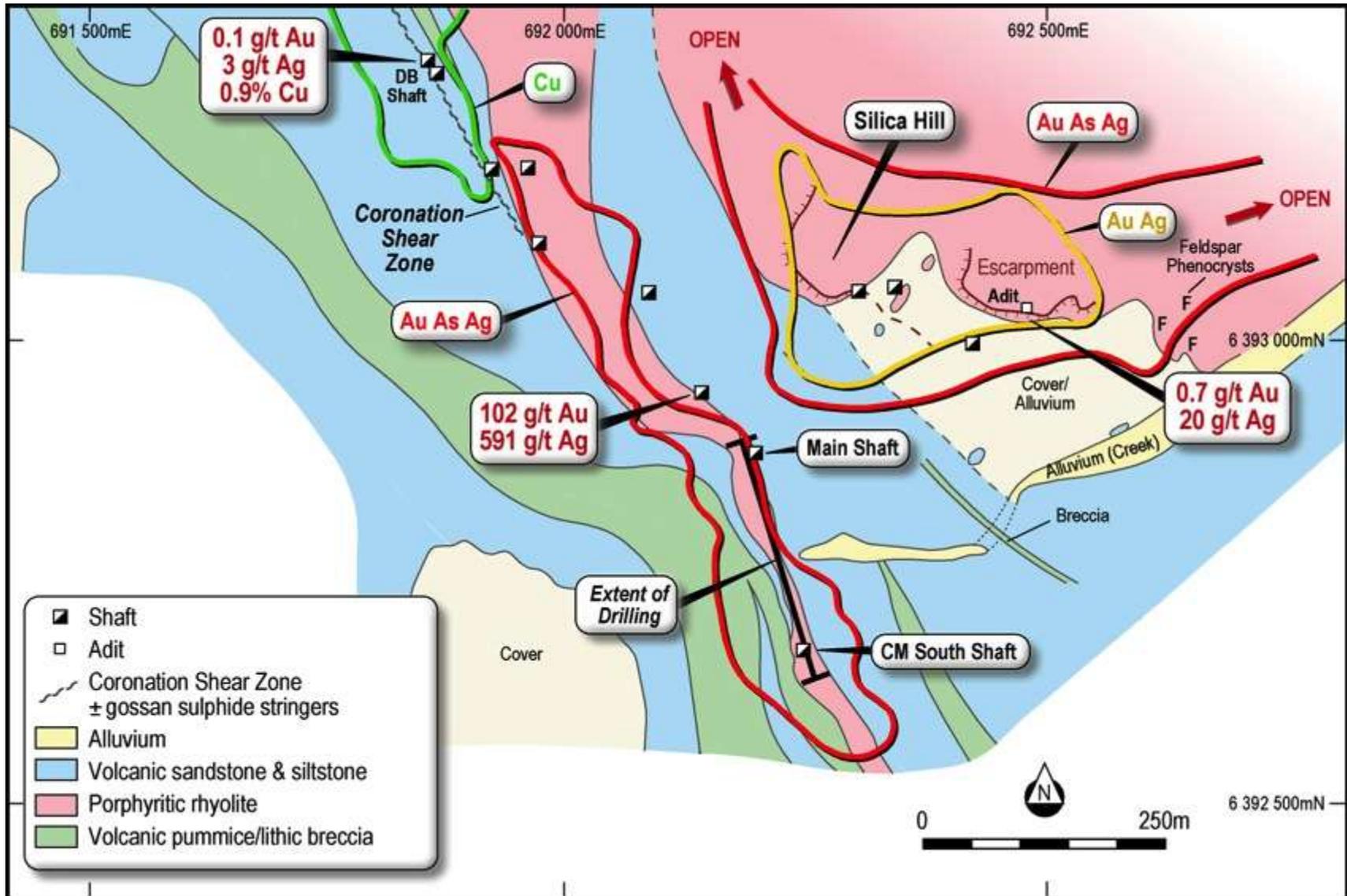
- High grade massive sulphide mineralisation
- Underground mining potential
- Open at depth and down plunge
- **9.8 m at 8.4 g/t gold, 357 g/t silver, 4.1% lead, 9.3% zinc, 0.5% copper**
- **4 m at 165 g/t silver, 7.7% zinc, 4.3% lead (no gold assay)**

# Commonwealth South

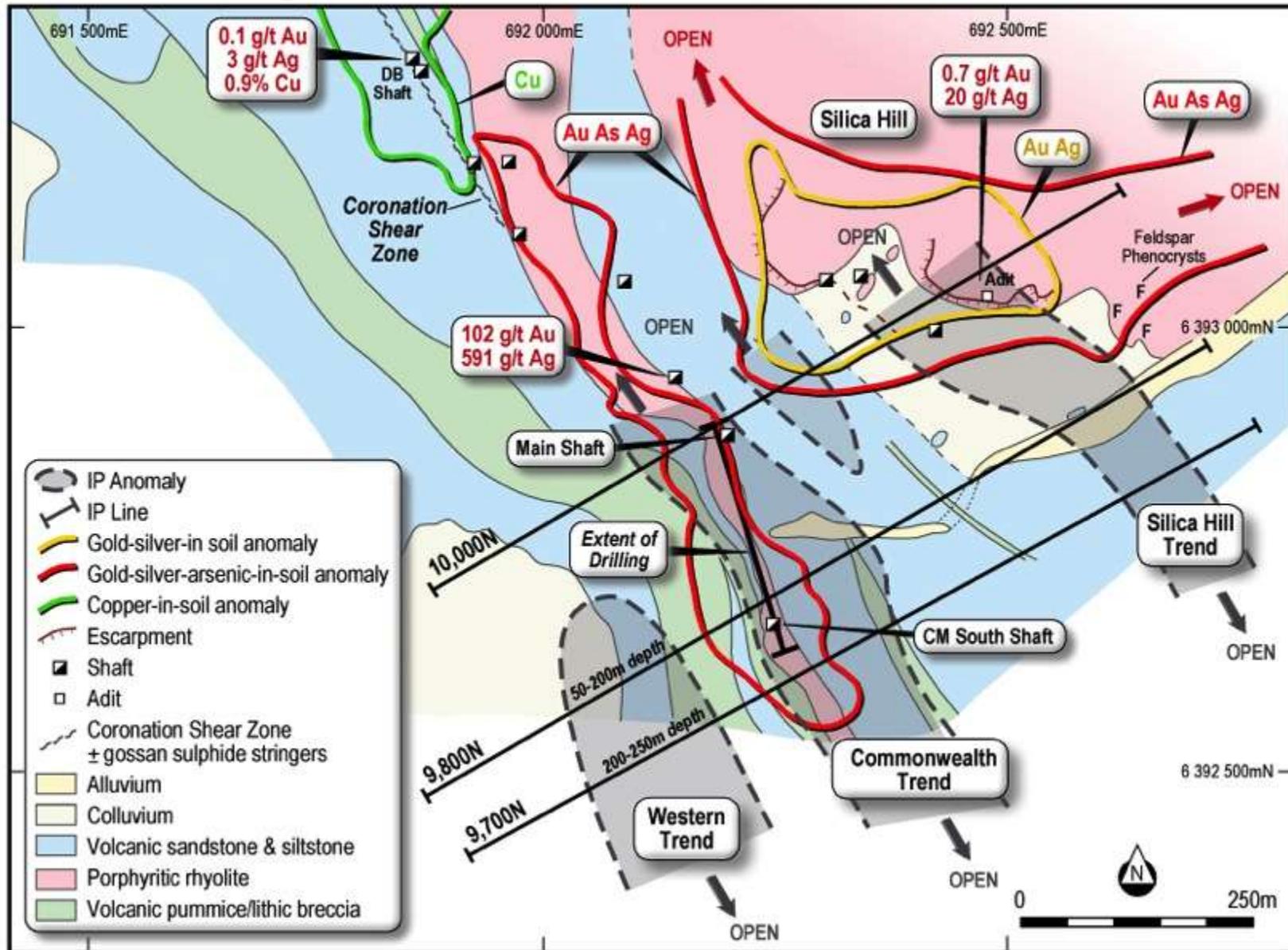


- Gold-silver-rich disseminated mineralisation
- Open pit bulk mine potential
- **Combined 13 m at 3-4 g/t gold, 45-72 g/t silver, up to 2% Zn and 1% Pb**
- **30 m at 6 g/t gold and 17 g/t silver**
- Open at depth and down plunge

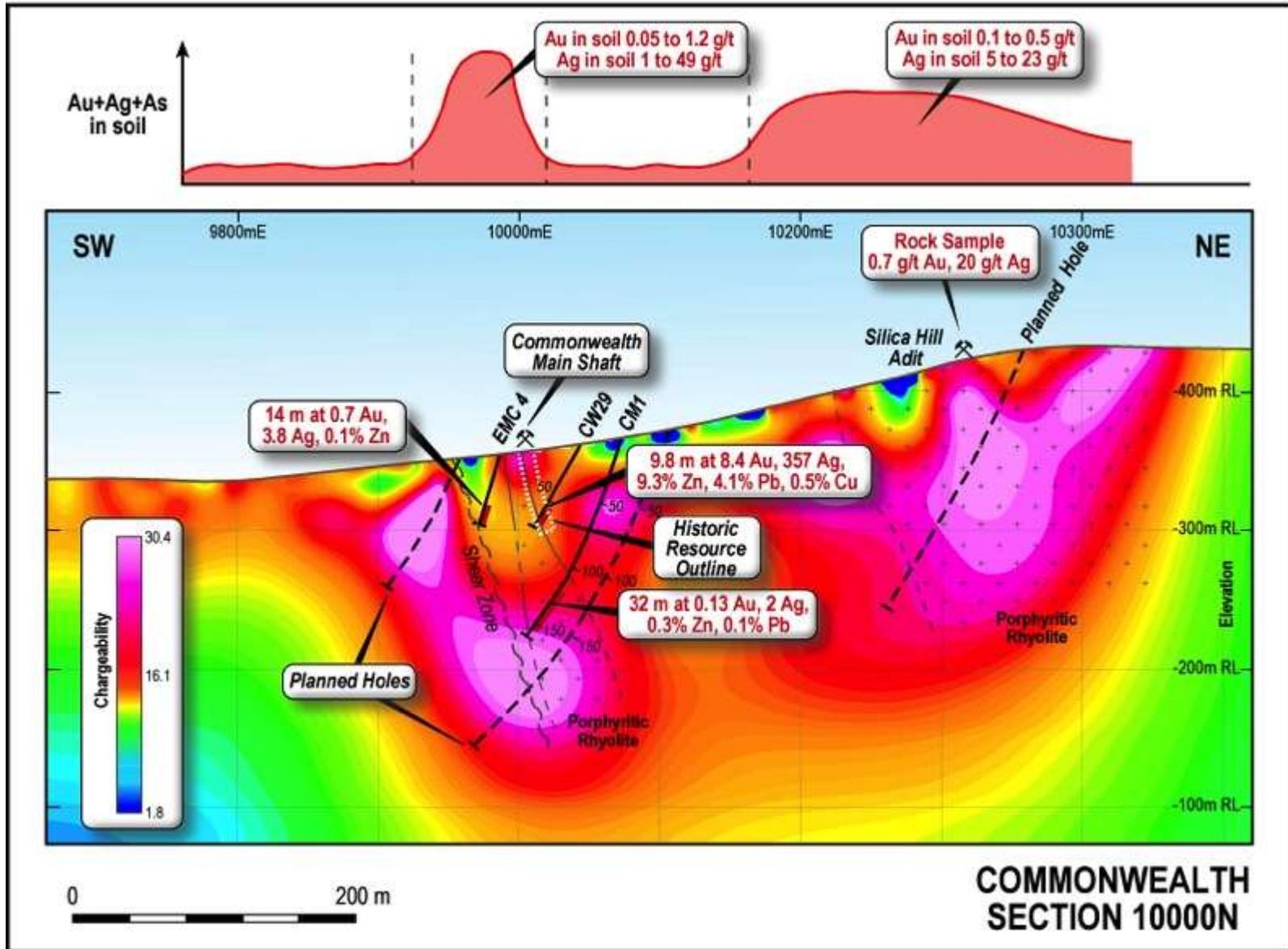
# What's hiding under Silica Hill?!



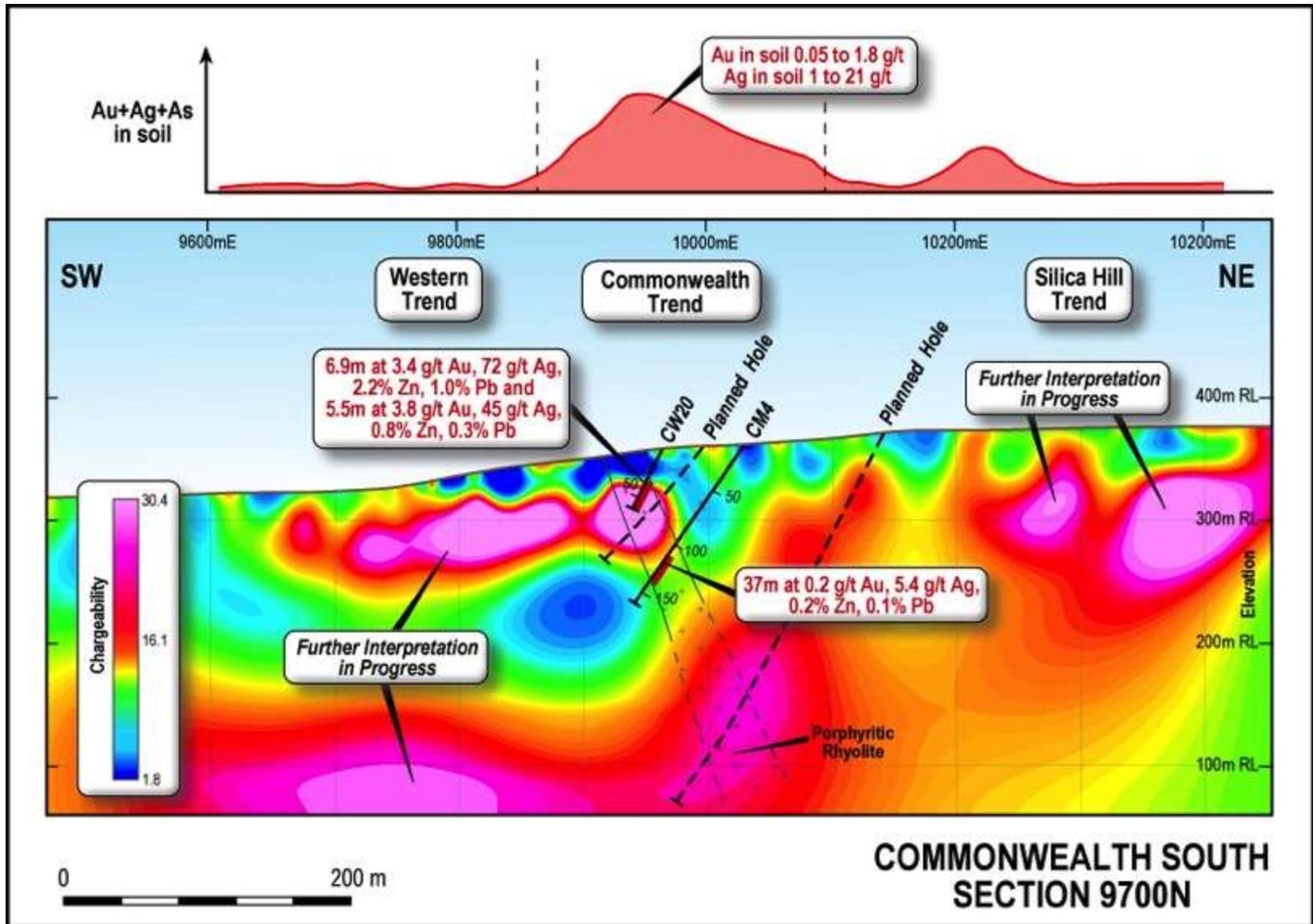
# IP Survey identifies three trends



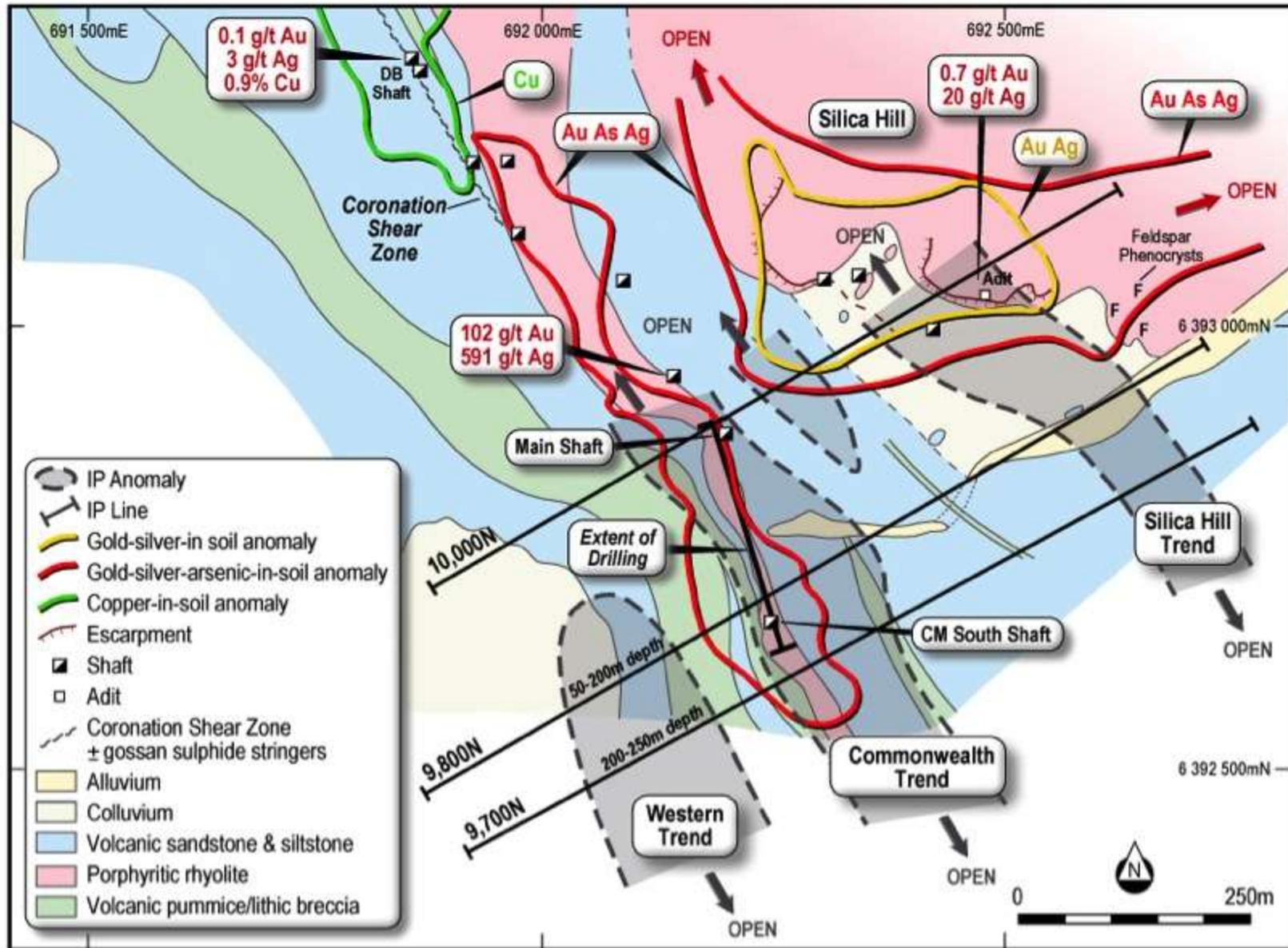
# Ground IP Survey: Main Shaft and Silica Hill



# Ground IP Survey: Commonwealth South

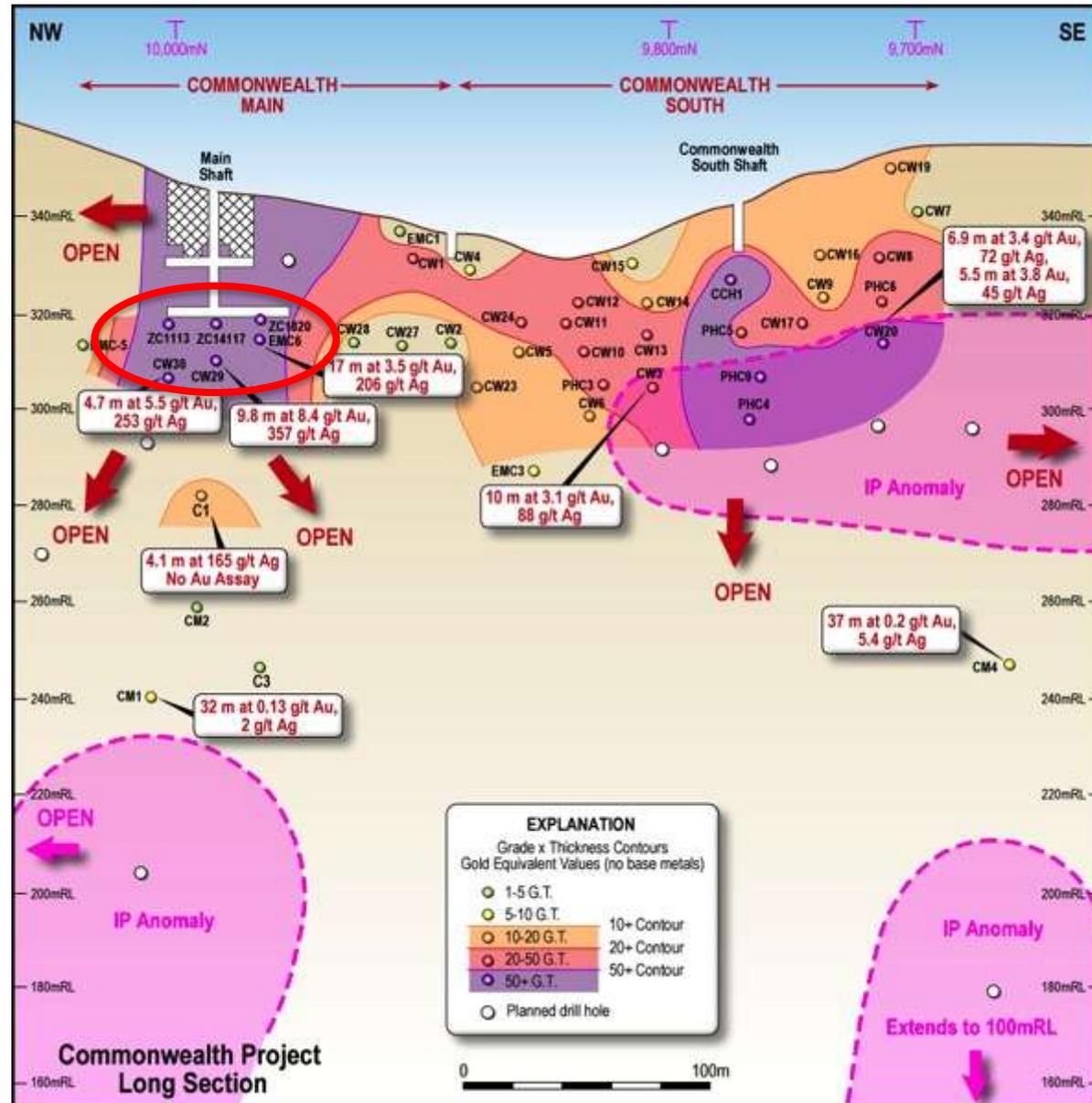


# Three Mineralised Trends?



# Commonwealth: Potential at Depth

- High grade gold-silver results open along strike and at depth at:
  - Main Shaft
  - Commonwealth South
- High value ore per tonne
- IP targets at depth



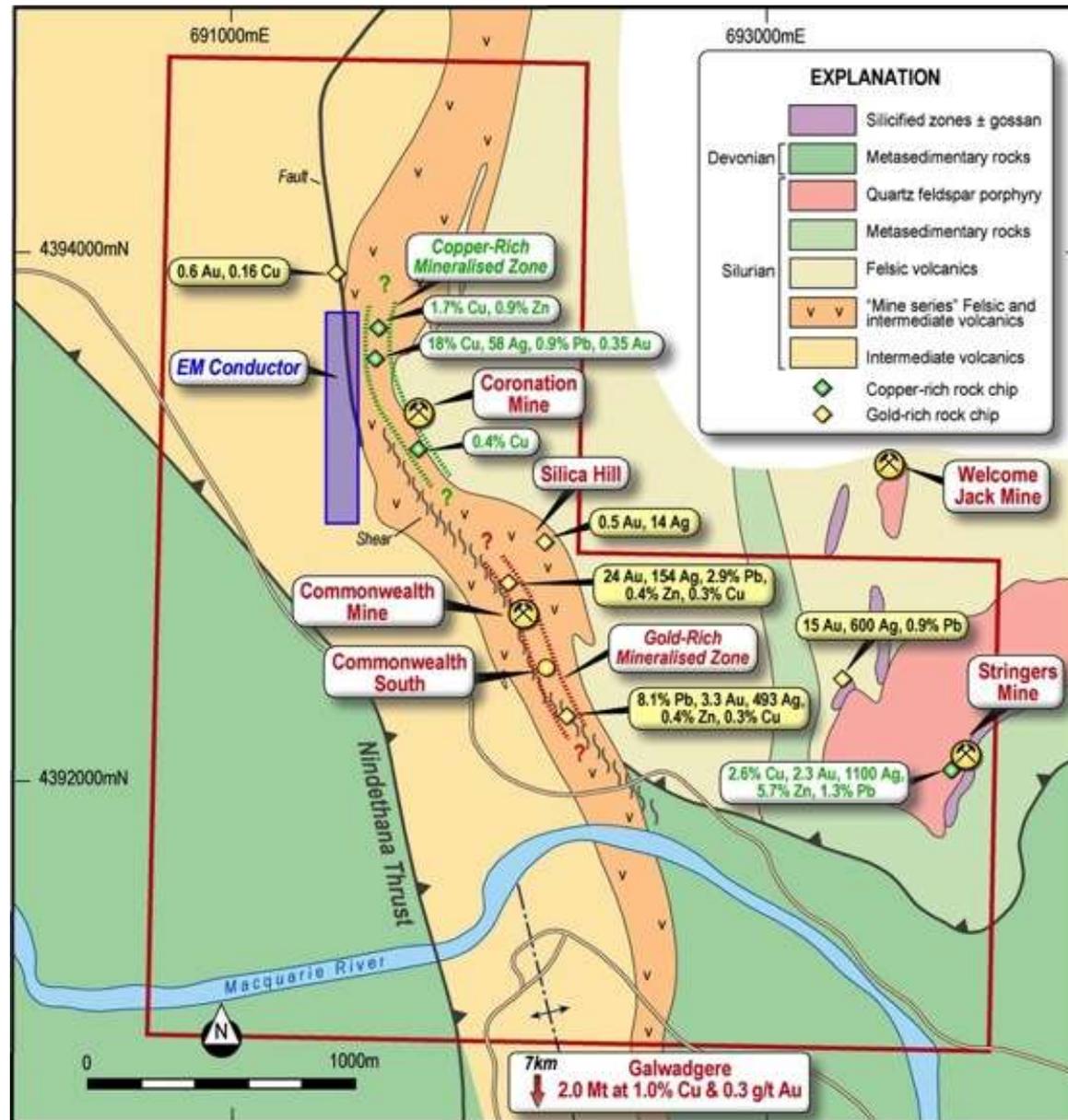
# Commonwealth: Potential along strike

## COMMONWEALTH

- Grab sample results up to **24 g/t Au, 493 g/t Ag, 2.9% Pb, 0.4% Zn, 0.3% Cu**
- Gold-rich mineralisation doubled strike to 600 m
- Preliminary IP results: strong chargeability at 200 m depth

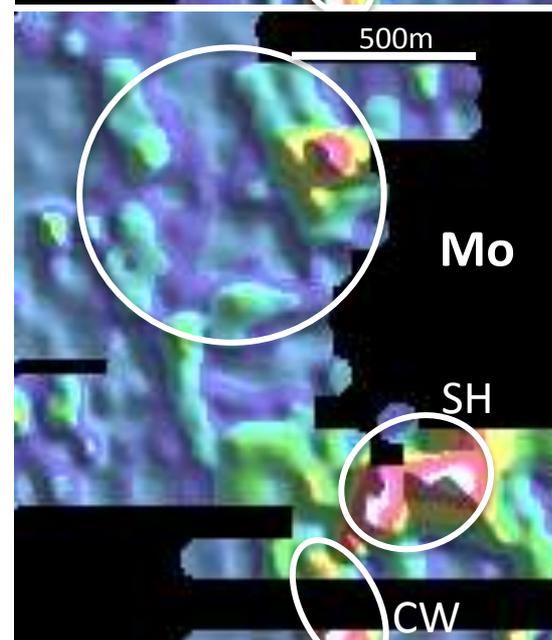
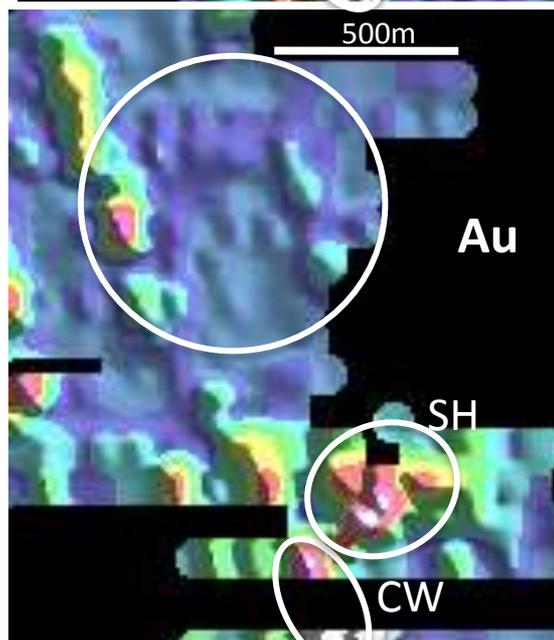
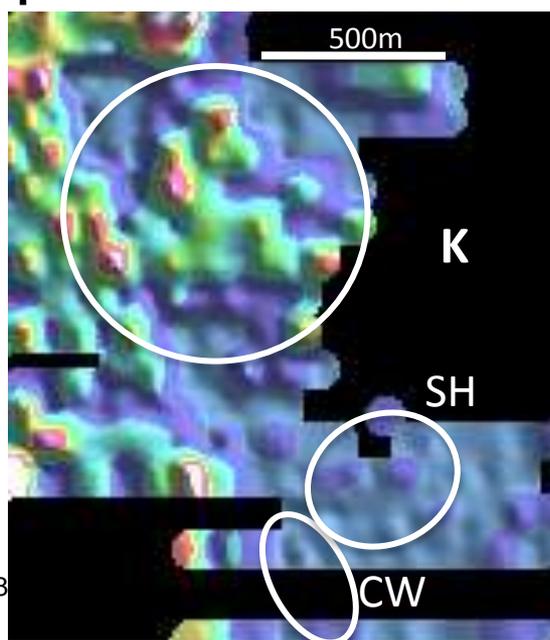
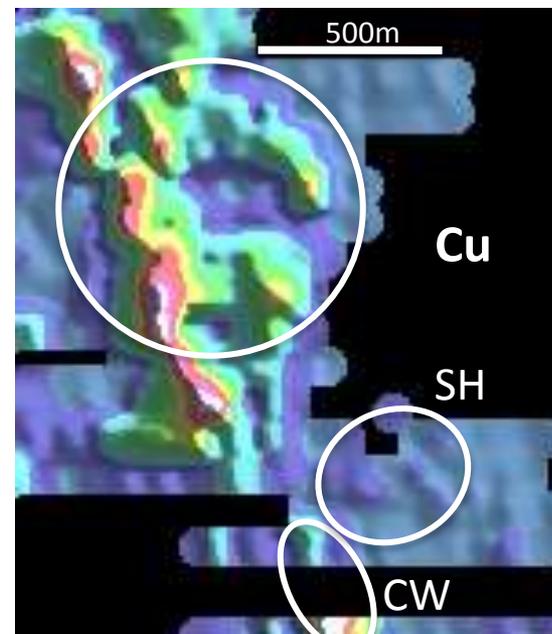
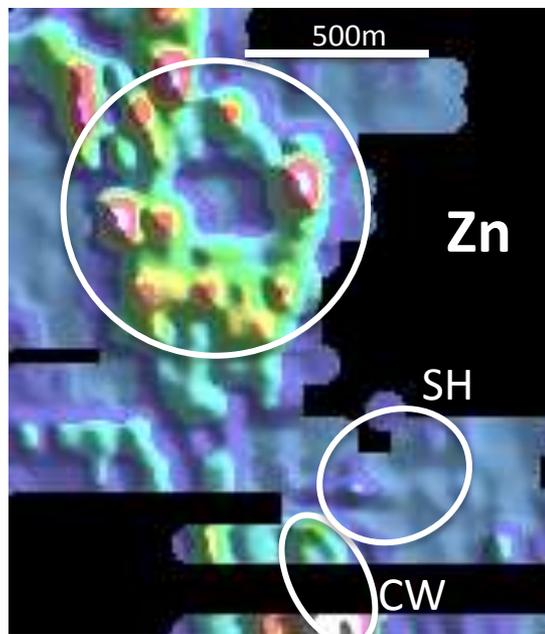
## CORONATION

- Early- to mid-time conductors identified over 800 m
- Field checking results up to **18% copper, 58 g/t silver, 0.9% lead, 0.9% zinc, 0.35 g/t gold**
- 800 m strike copper-rich mineralisation

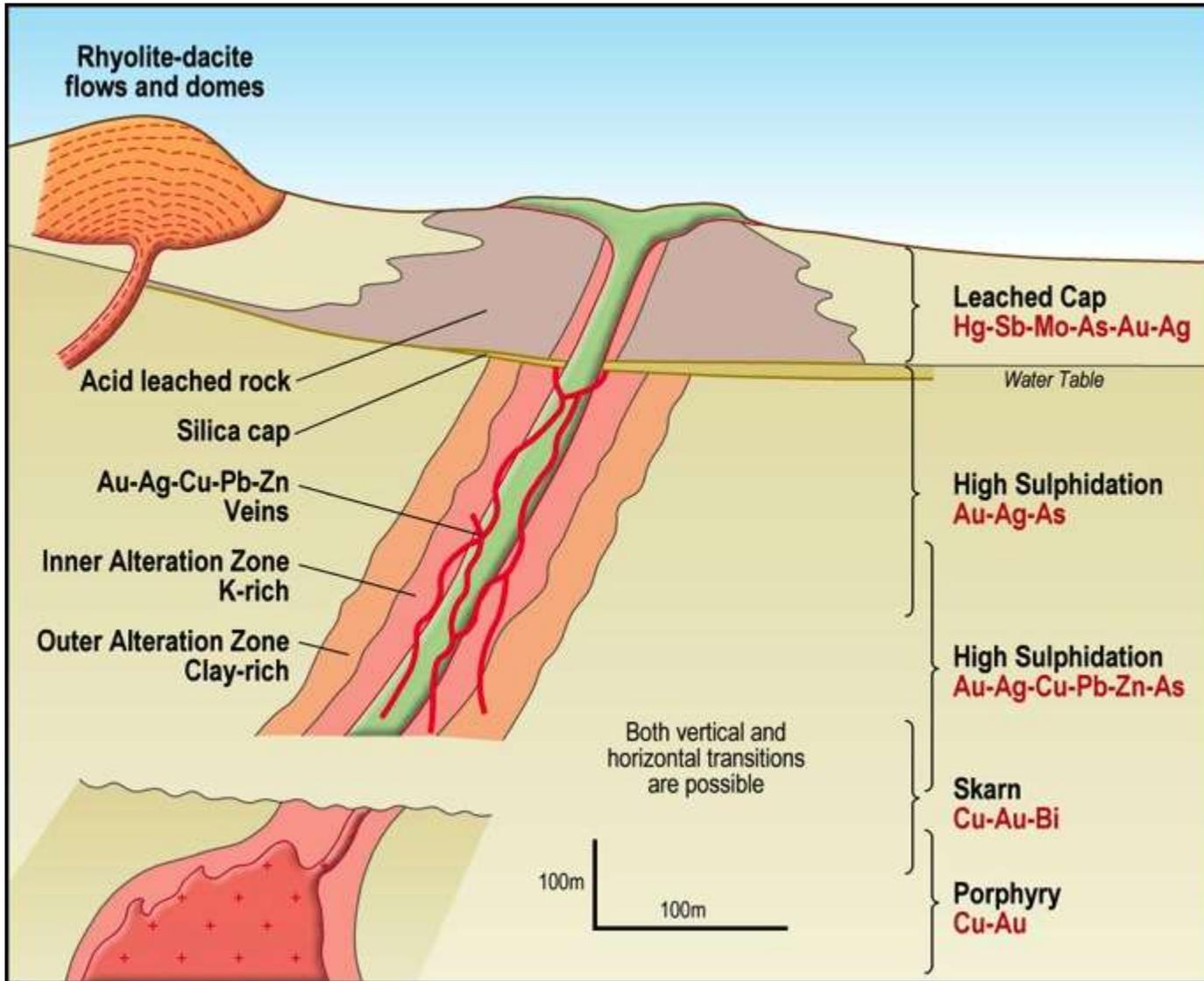


# Commonwealth: Major porphyry potential?

- Recent soil geochemistry results reveal potential for major mineralised system covering many sq. km.
- Recognition of metal-assemblages indicating
  - Porphyry & Skarn Cu-Au
  - High sulphidation Au-Ag-base metal
- Major breakthrough for Impact



# Commonwealth: Major porphyry potential?



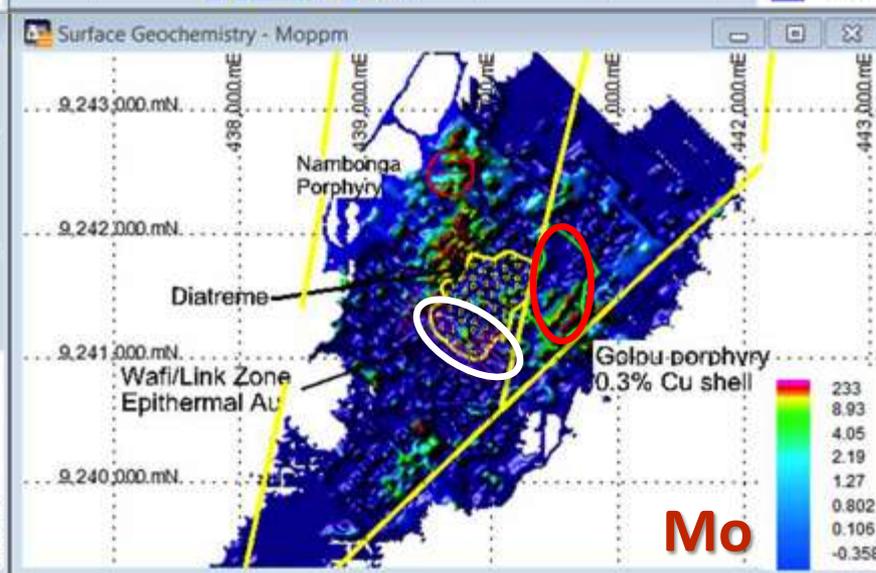
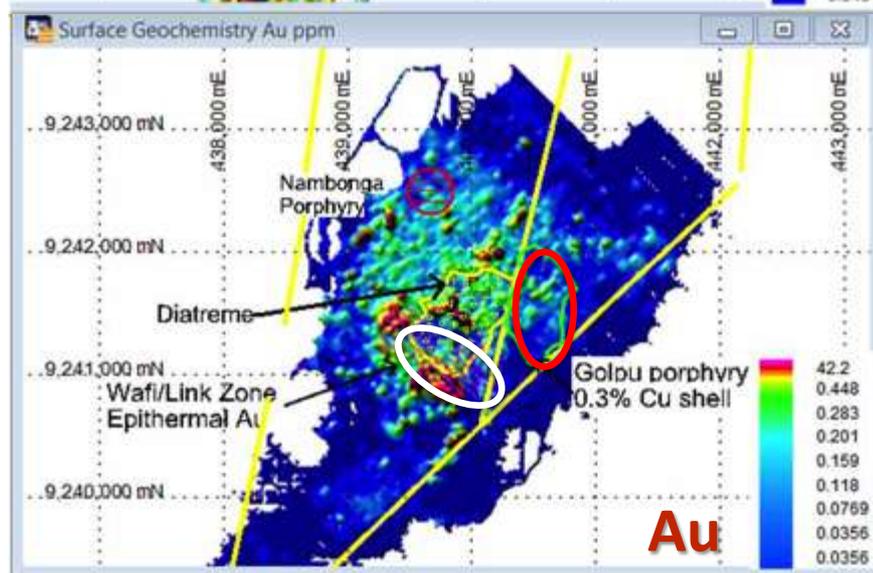
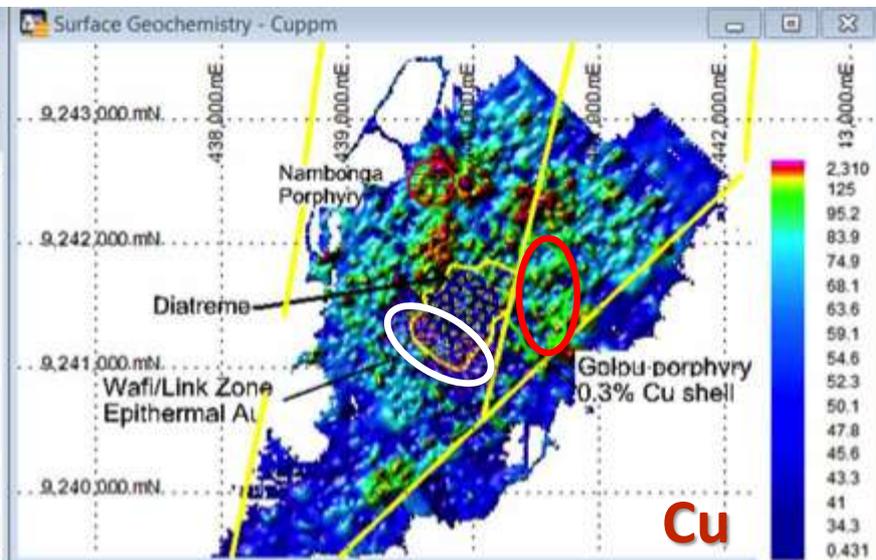
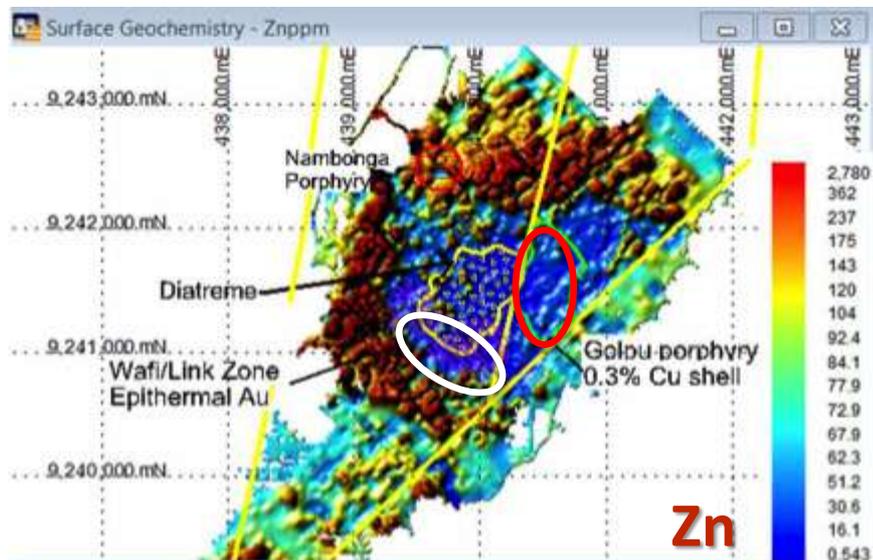
**Silica Hill**

**Commonwealth**

**Coronation trend**

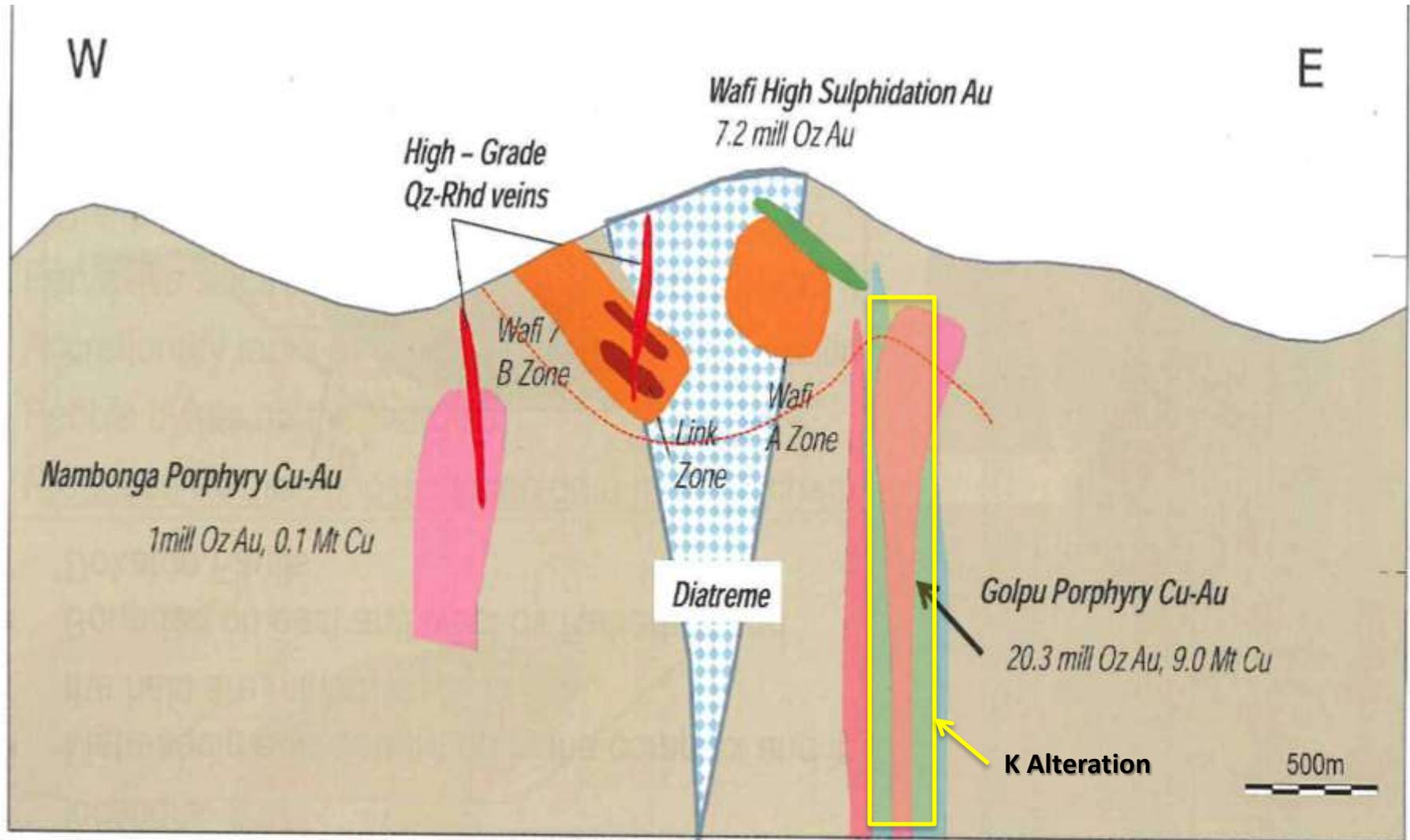
**Zinc doughnut!**

# Wafi-Golpu Analogy (75 Moz Au eq)



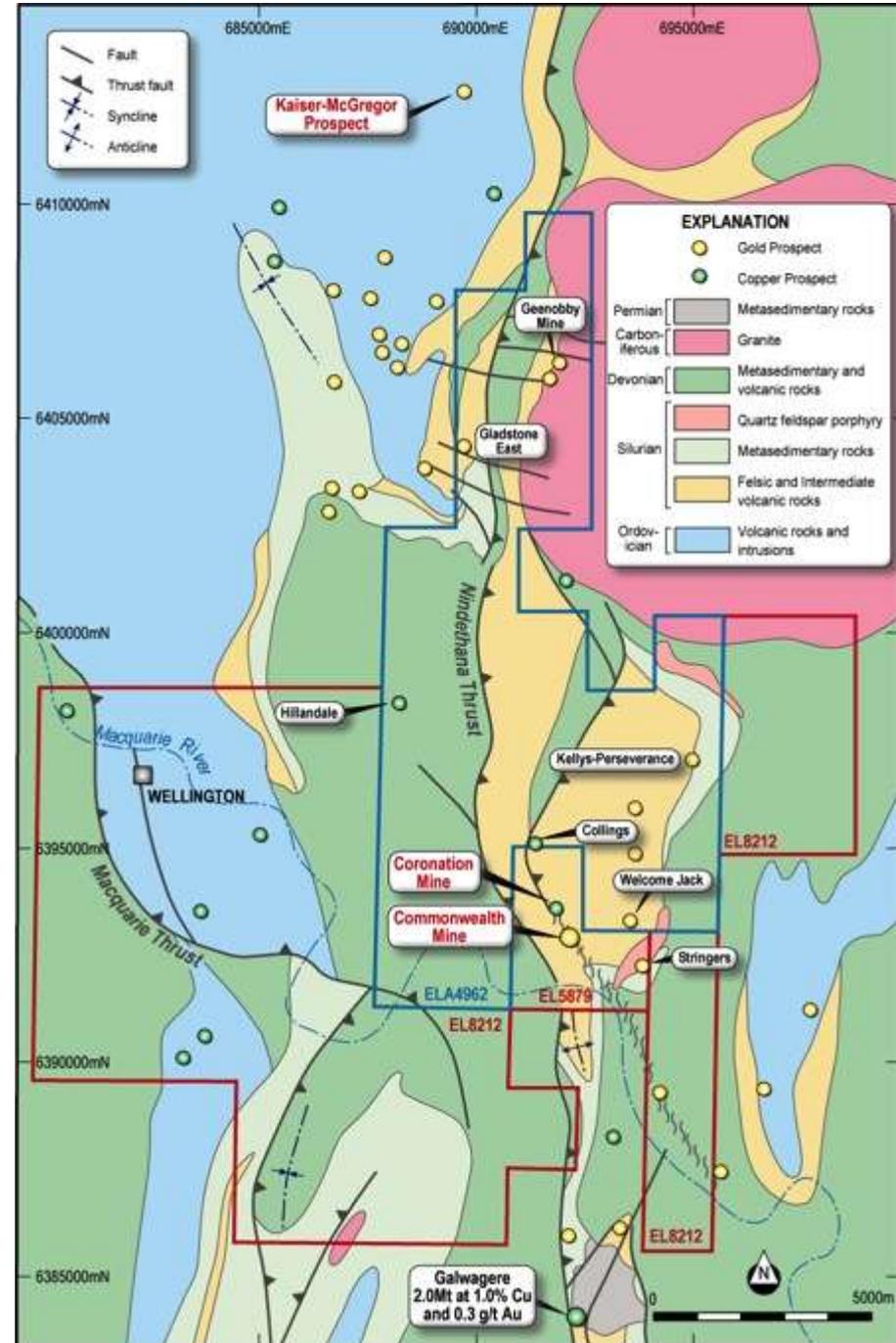
✓ Look for tasty 'donuts'

# Wafi-Golpu Analogy

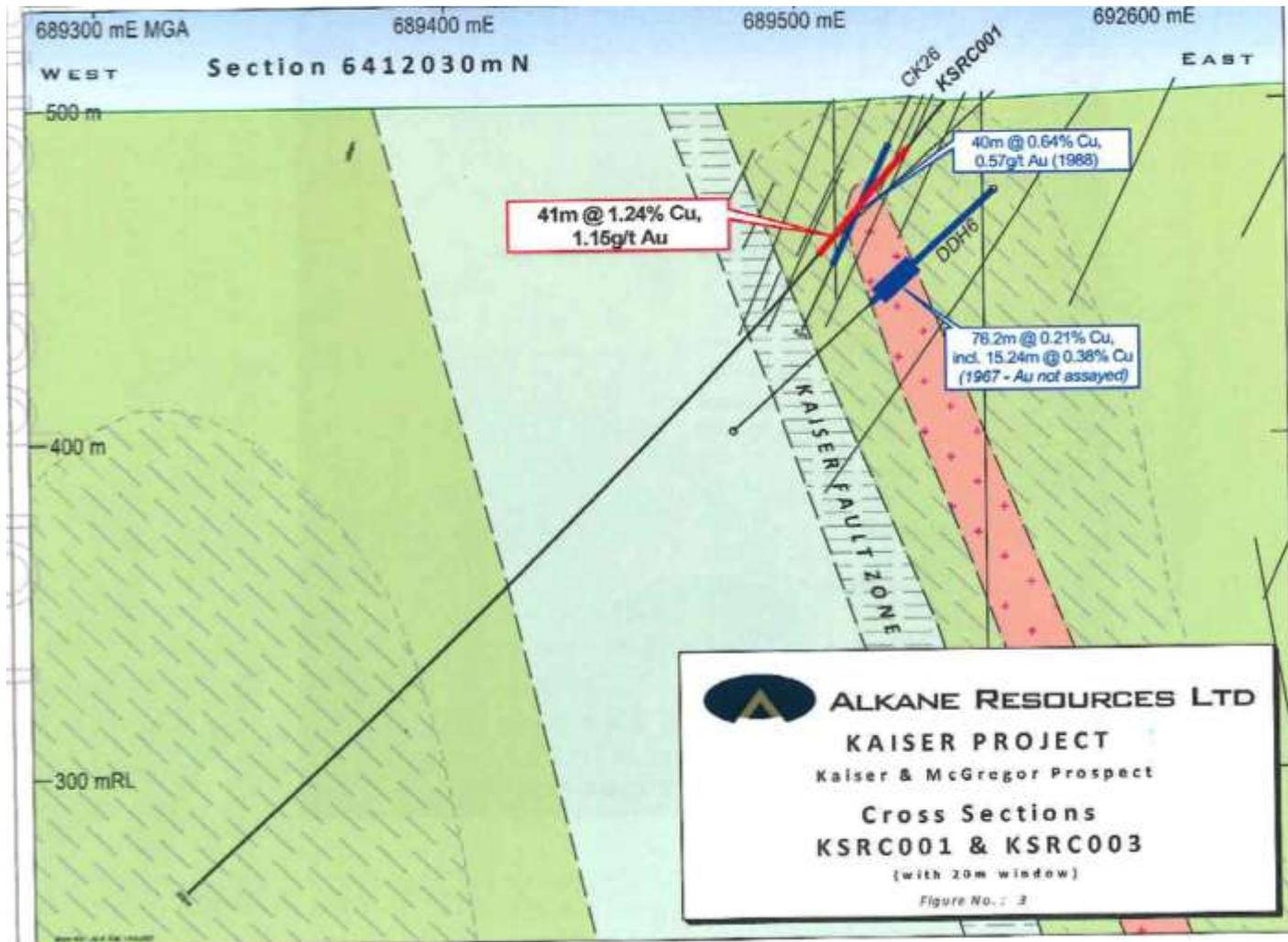


# Commonwealth: Regional Potential

- Secured a further 315 sq km
- 8 km strike potential rocks that host Commonwealth
- 10 km strike potential of structures that host Galwadgere deposit :  
(2 Mt at 1.0% Cu and 0.3 g/t Au)
- Additional historic copper-gold workings
- Close to recent blind porphyry discovery at Kaiser-MacGregor by Alkane Resources Ltd  
41 m at 1.2% Cu and 1.1 g/t Au from 18 m  
32 m at 0.4% Cu and 0.1 g/t Au from 109 m



# Blind Porphyry Discovery at Kaiser-MacGregor



- 41 m at 1.2% Cu and 1.1 g/t Au from 18 m
- 32 m at 0.4% Cu and 0.1 g/t Au from 109 m

# Commonwealth: Next Steps

- Drill programme to commence in Q3 2014
- 2,500 m programme
- Demonstrate potential for **multi-million ounces gold eq. in a high sulphidation porphyry system**
- Define plunge of ore shoots, and discover new lenses of mineralisation at Commonwealth
- Discoveries at Silica Hill and Coronation?!

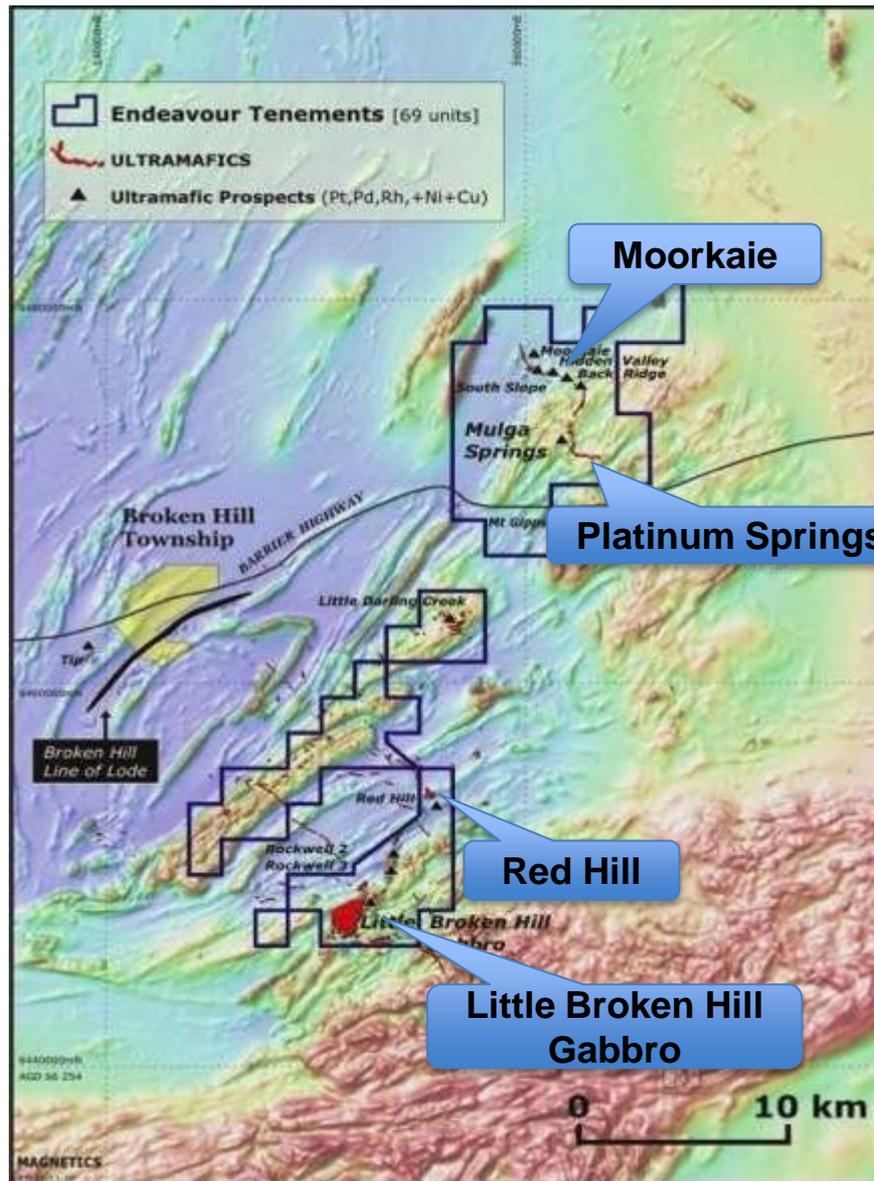


**Broken Hill  
Nickel-Copper-PGM  
Joint Venture Project  
New South Wales**

**Impact earning 80%**

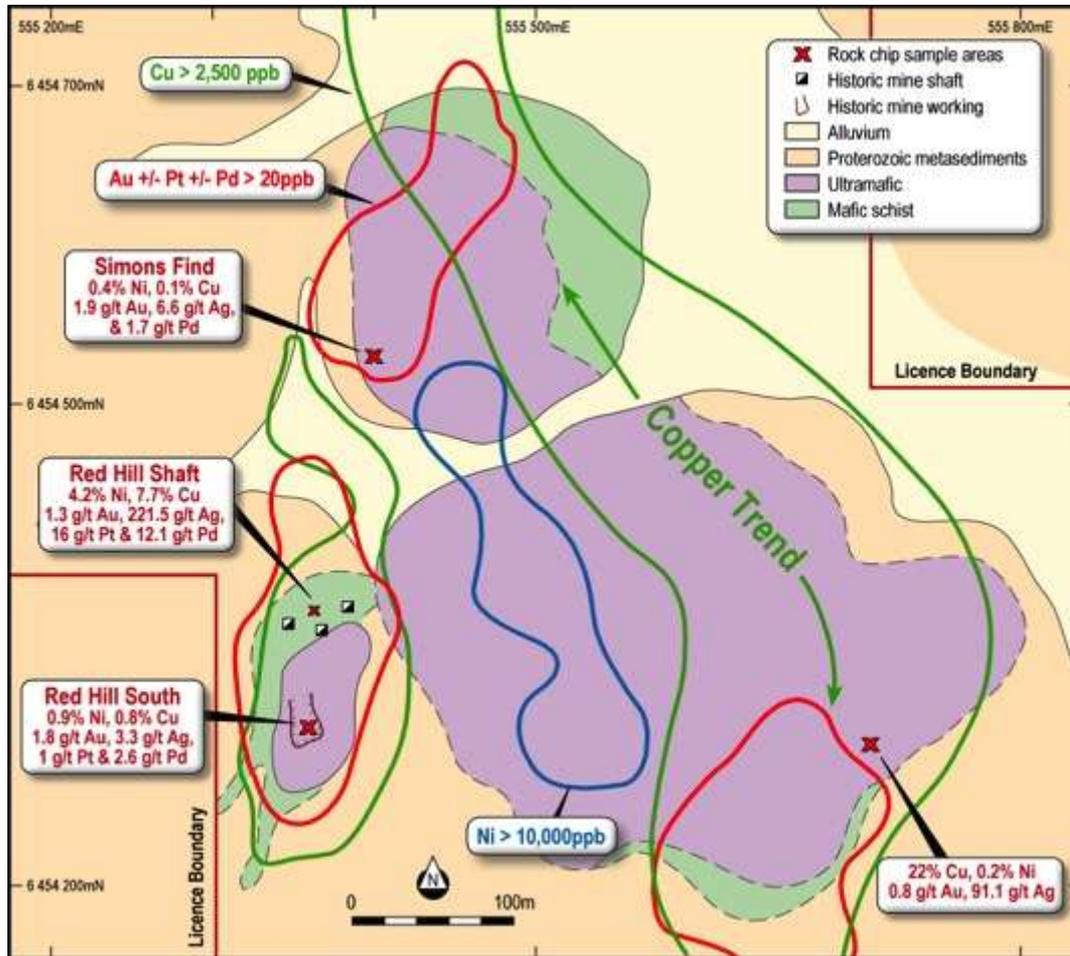
IPT required to spend \$50,000 to earn 51%  
and a further \$200,000 to earn 80%

# Broken Hill Ni-Cu-PGE JV Project



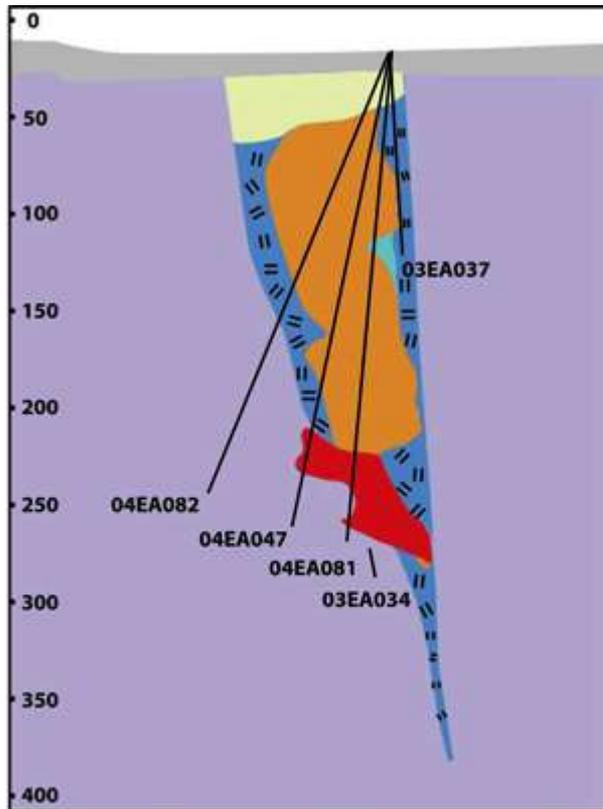
- Located in the richly mineralised NSW Curnamona Province
- **4 priority targets including:**
  - **Red Hill:** Eagle analogy: 5Mt @ 3.7%Ni and 3% Cu
  - **Platinum Springs:** drill intercepts of >20 g/t platinum-palladium and 6% copper and 4% nickel
- Highest platinum grades in Australia
- Possible early discovery at Red Hill: Mineralised mafic and ultramafic dykes and sills with high grade gossans over a 35 km belt
- Impact to earn 80% by spending a further \$250,000 by Nov 2017

# Red Hill Mine Prospect

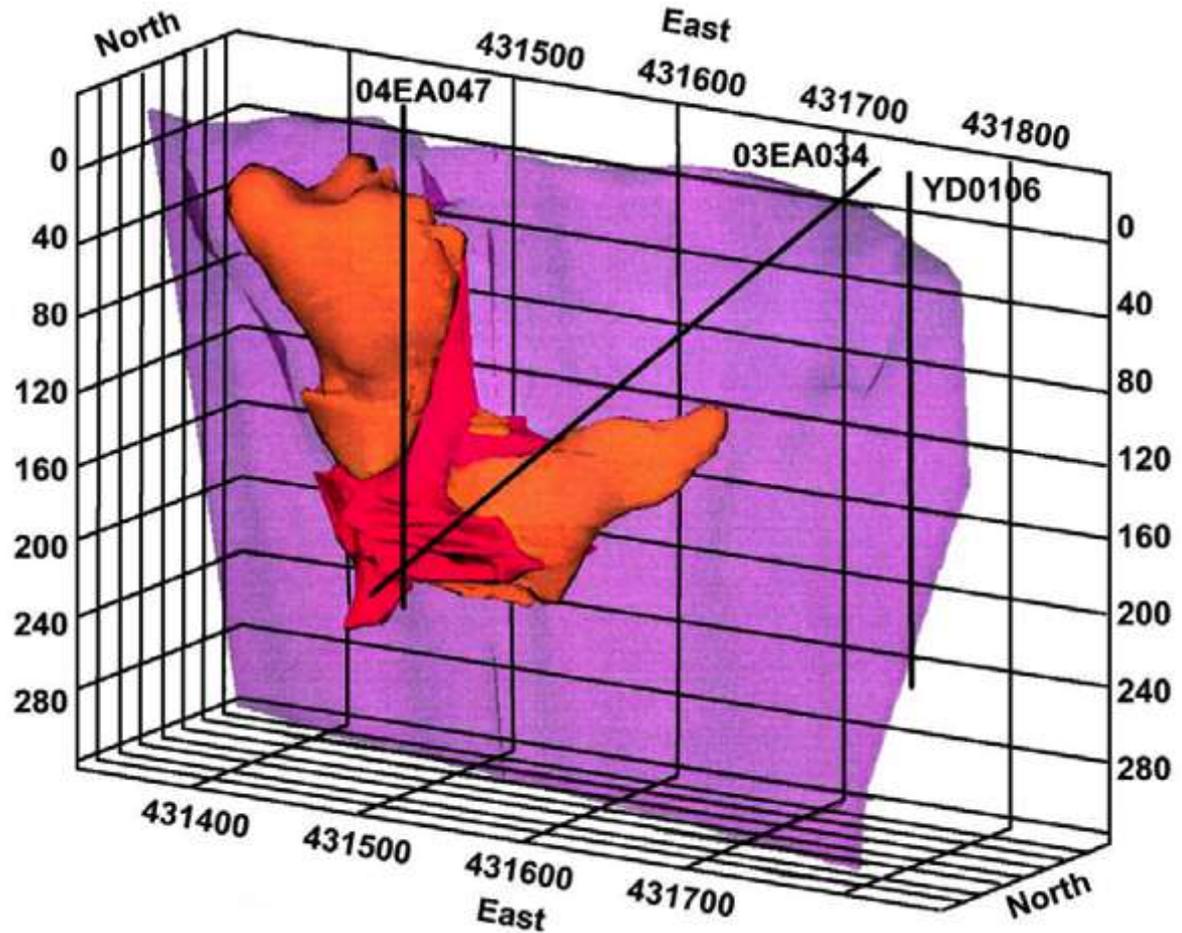


- Red Hill Mine active from 1906 to 1937
- About 500 t was mined
- Old mine records indicate face sample results of:
  - 2 to 4% copper
  - 2 to 3% nickel
  - 5 to 41 g/t platinum
  - 22 to 70 g/t silver
- Anomalous soil and rock chip samples extend for several hundred metres to the east
- **NO DRILLING**
- Partly coincident with EM/IP anomaly
- **Drill Ready Targets**

# Eagle: 5Mt @ 3.7%Ni and 3%Cu

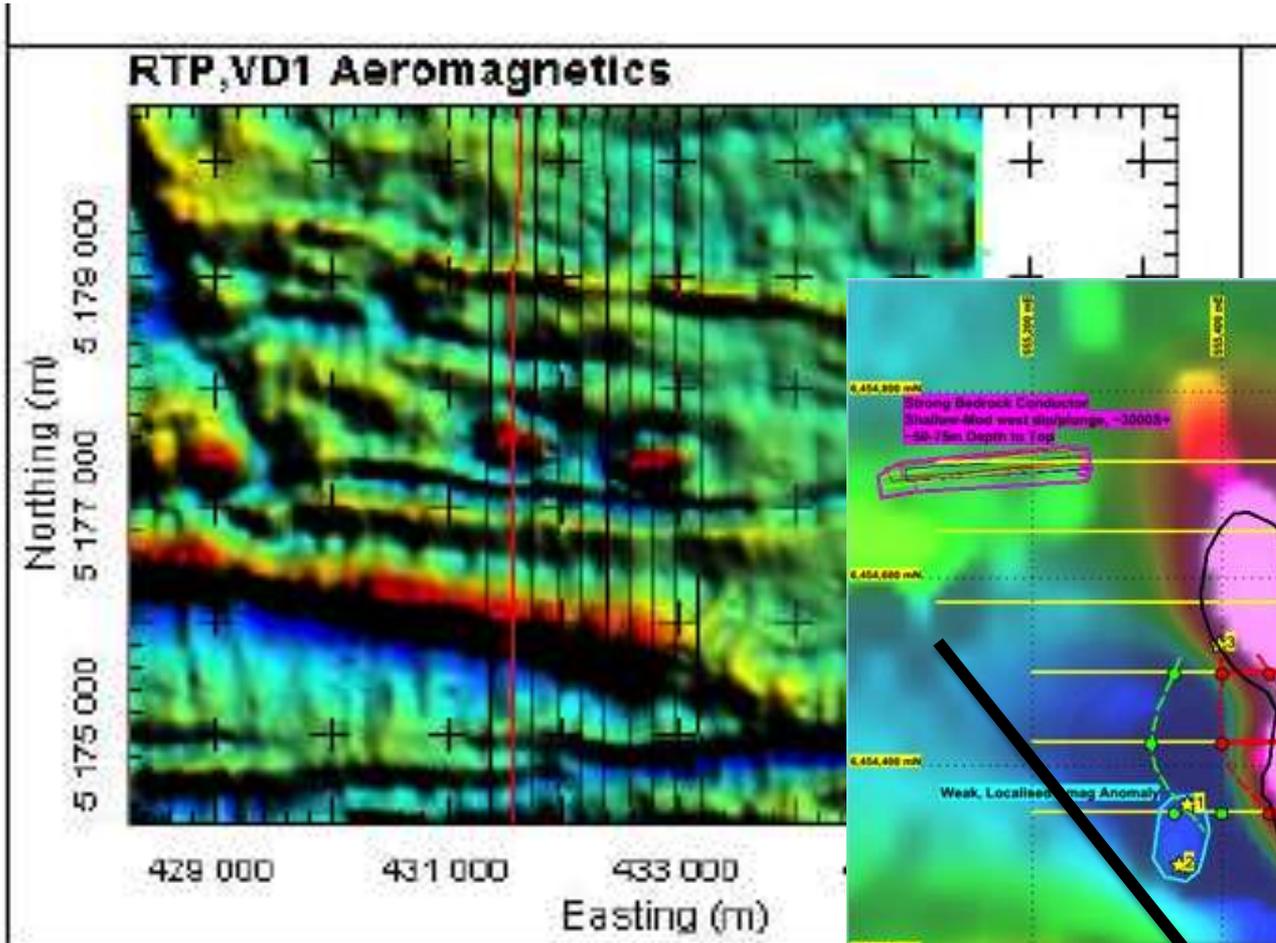


melagabbro    melatroctolite    gabbronorite    olivine g  
feldspathic peridotite    massive sulfide    semi-massive sulfi

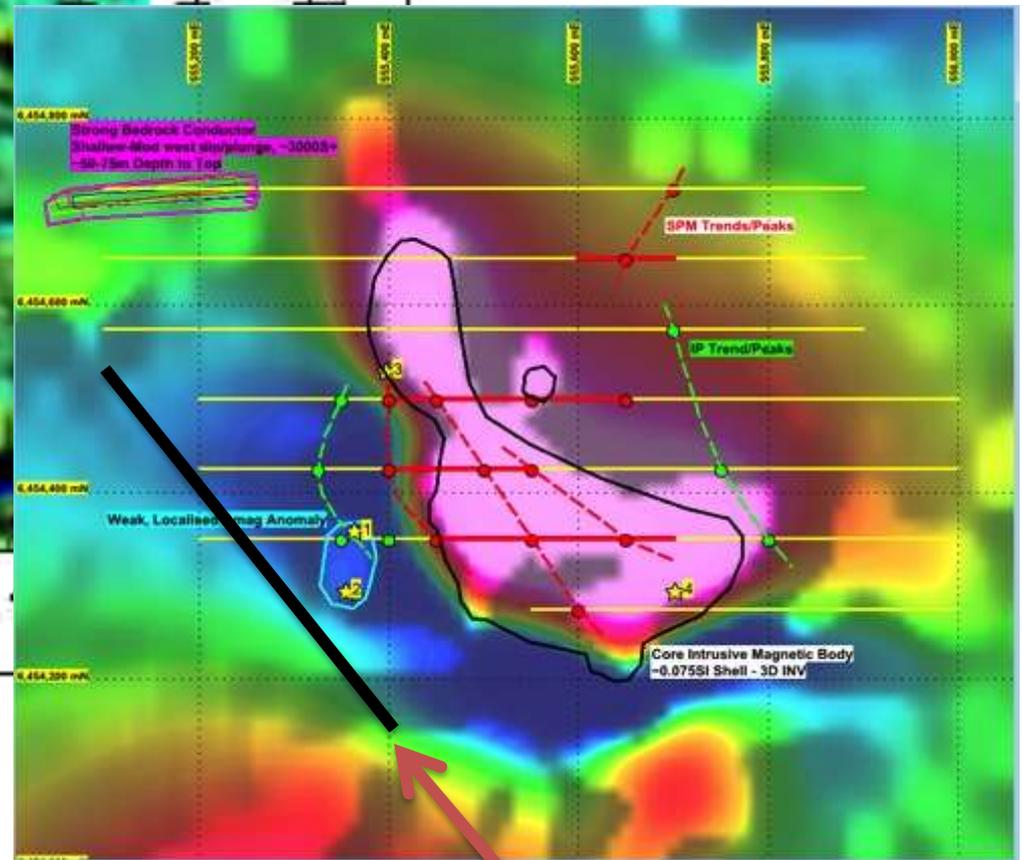


**Not detected by EM!!**

# Red Hill: an Eagle Analogue?



Eagle intrusions



Red Hill

Size of Eagle Intrusion

# Broken Hill: Next Steps

- Drill programme to commence in Q3 2014
- 1,500 m programme
- Drill EM and IP targets at Red Hills
- Drill beneath the Red Hill mine workings
- Discovery of high grade Eagle Analogue and demonstrate multi-million ounce Pt-eq potential