



# Clancy Exploration Limited

## Trundle Cu-Au Porphyry Project



*David Ward – Senior Exploration Geologist*

*Mines and Wines 2010*

*September 2010, Mudgee NSW*



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# Trundle – Why?

## Innovative targeting strategy

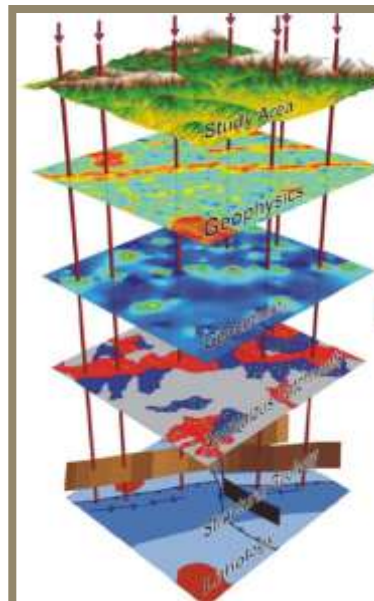
- Probabilistic approach, risk quantified
- Targeting porphyry Cu-Au systems
- Improve the odds of discovery
- Trundle is a highly ranked target

## Exceptional focus

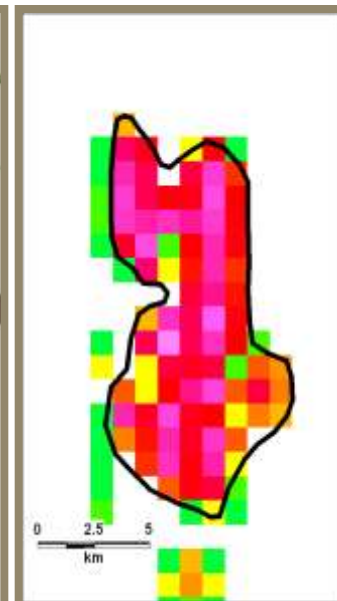
- Clancy started targeting in 2002
- Probabilistic approach completed Oct05
- Uncertainty and risk are incorporated
- Allows unbiased focus on the highest-ranked targets (A-Class)

## Rocks

- Late Ordovician – Eastonian host
- Shoshonitic highly fractionated intrusives
- Cu-Au mineralisation
- Northparkes



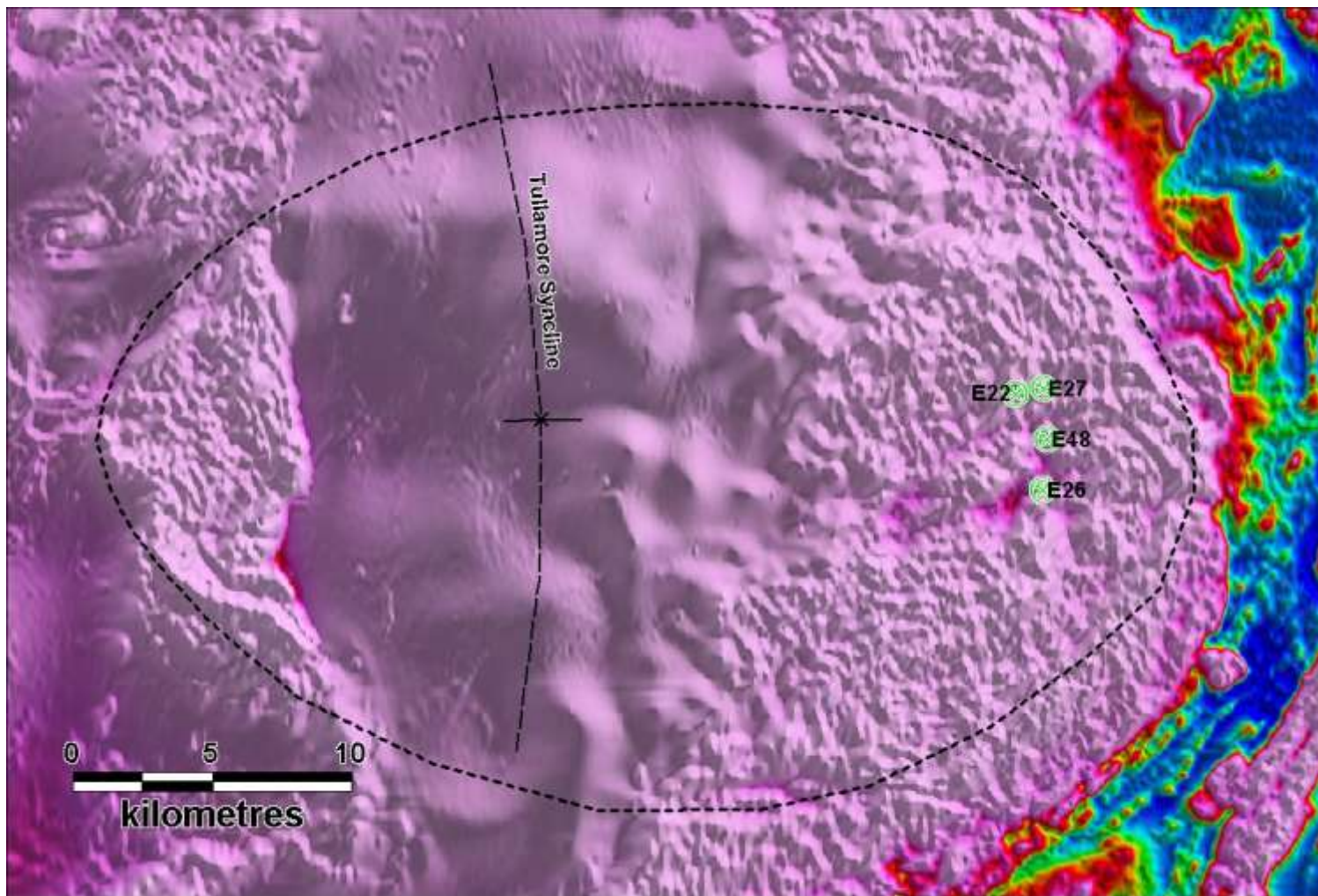
Data Processing



A-Class target



# Trundle – Why?





# Trundle – How?

## EL4512

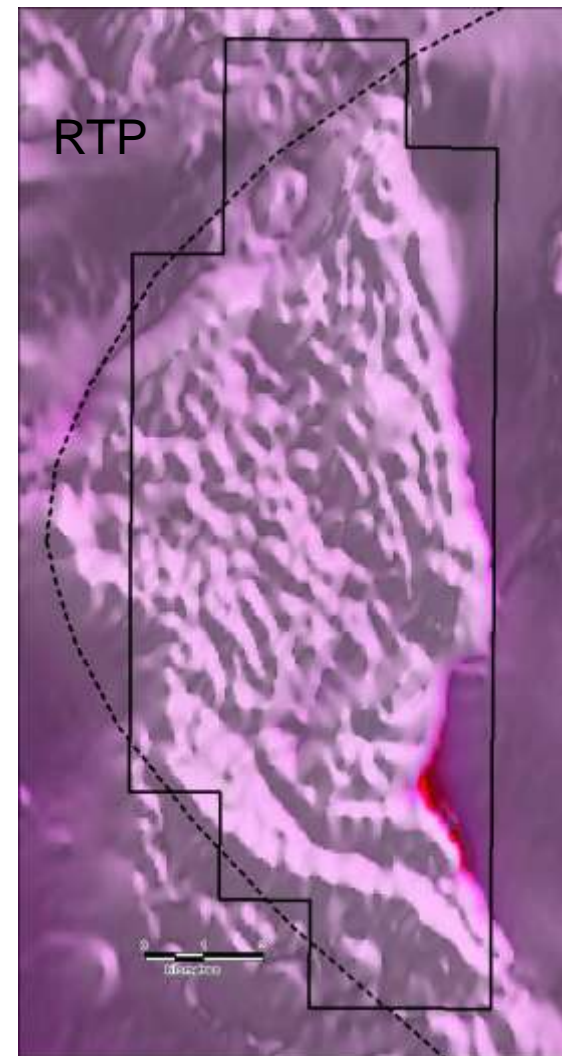
- **Granted July 1993**
- **Exploration under a number of JVs**

## Clancy

- **Targeting completed Oct 2005**
- **Listed July 2007**
- **First approach Aug 2007**
- **Acquired 70% May 2009**
- **100% ownership Aug 2009**

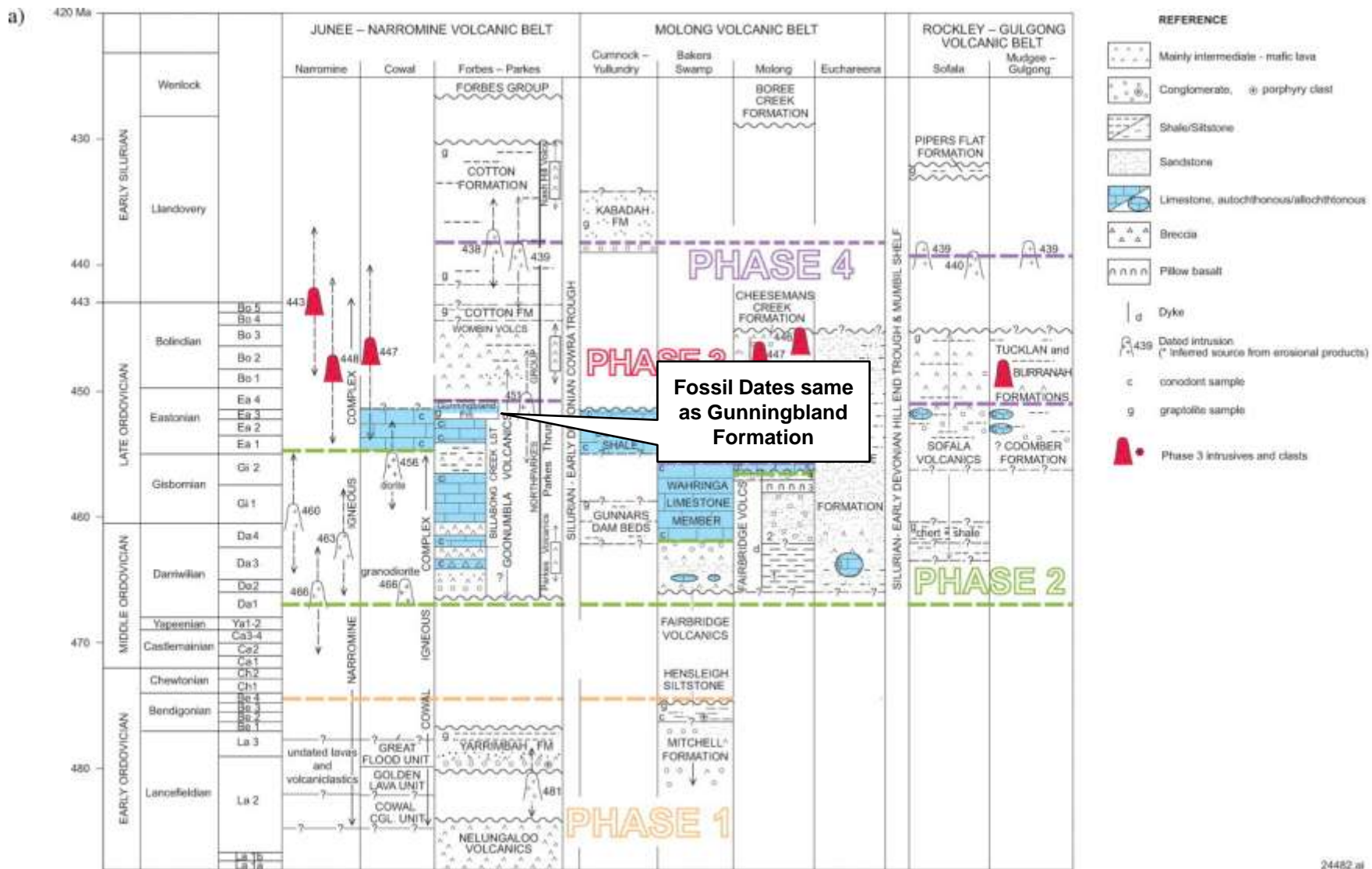
## Exploration by Clancy since Aug 2009

- **2 x 3D IP surveys**
- **Ground Magnetics**
- **1 x diamond hole**
- **Re-log and interpretation of previous drilling**





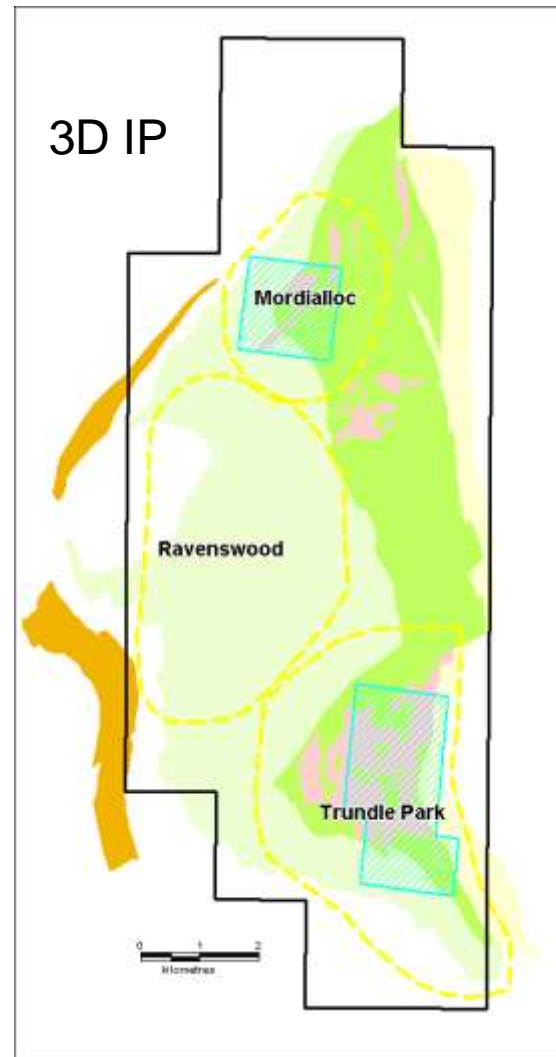
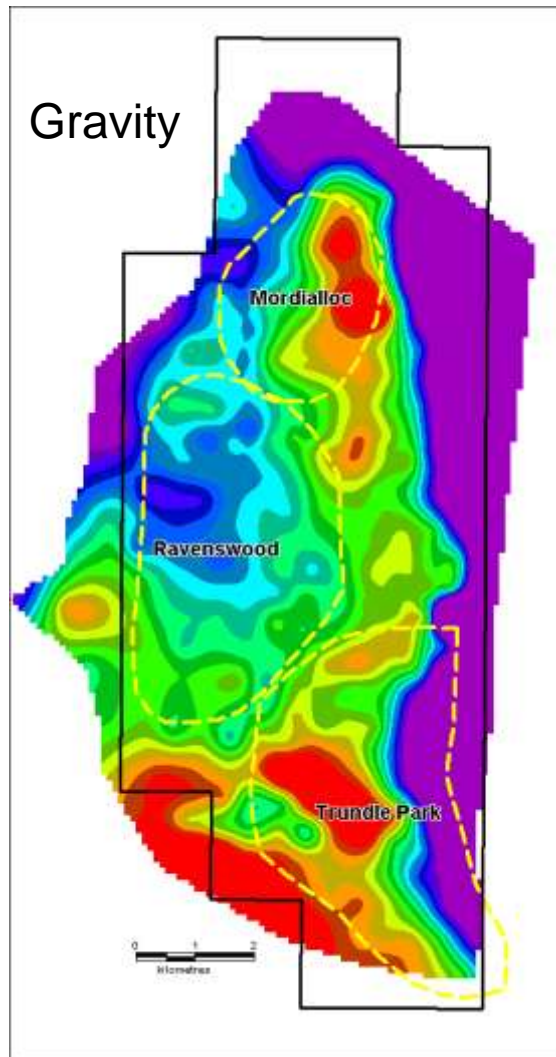
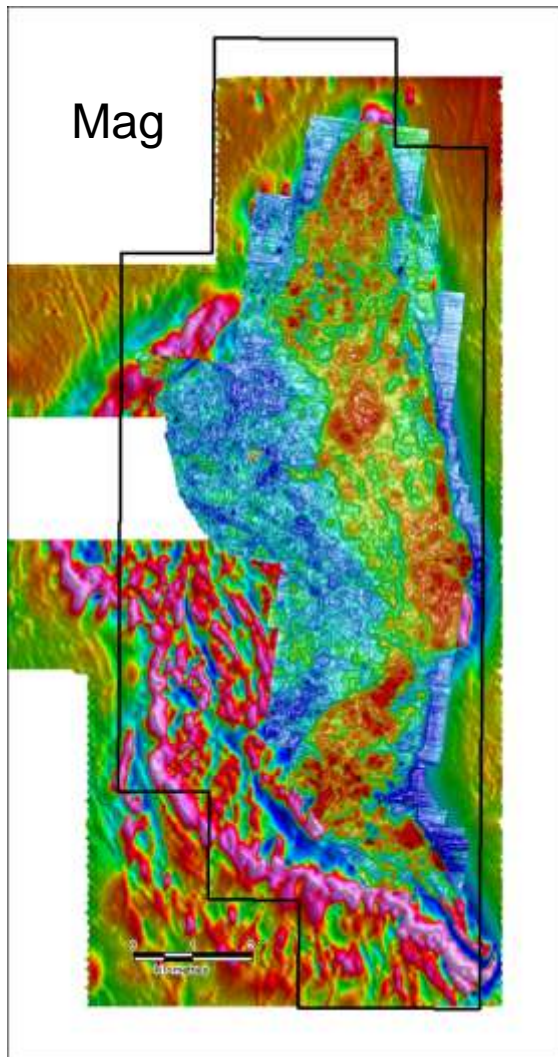
# Trundle – Rocks



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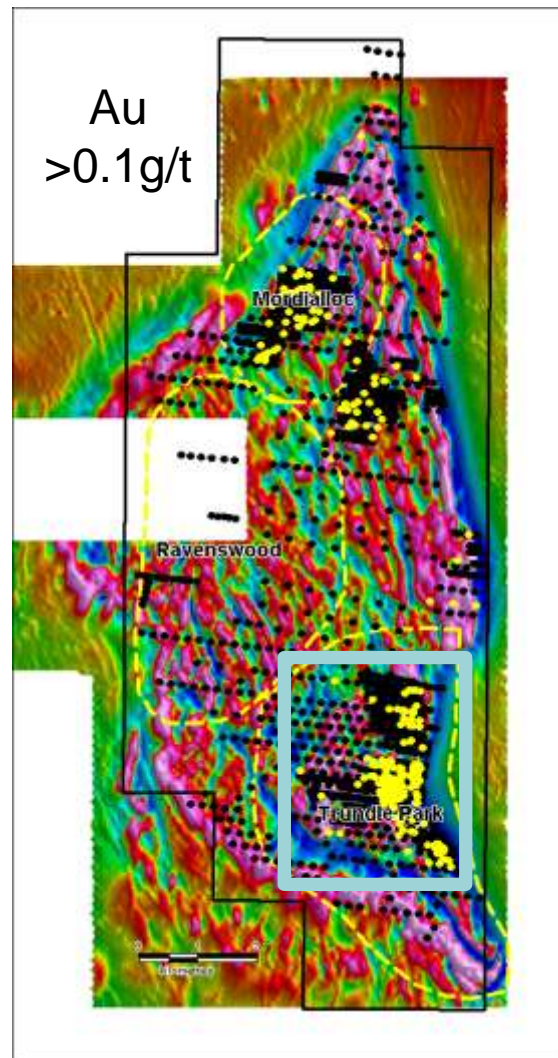
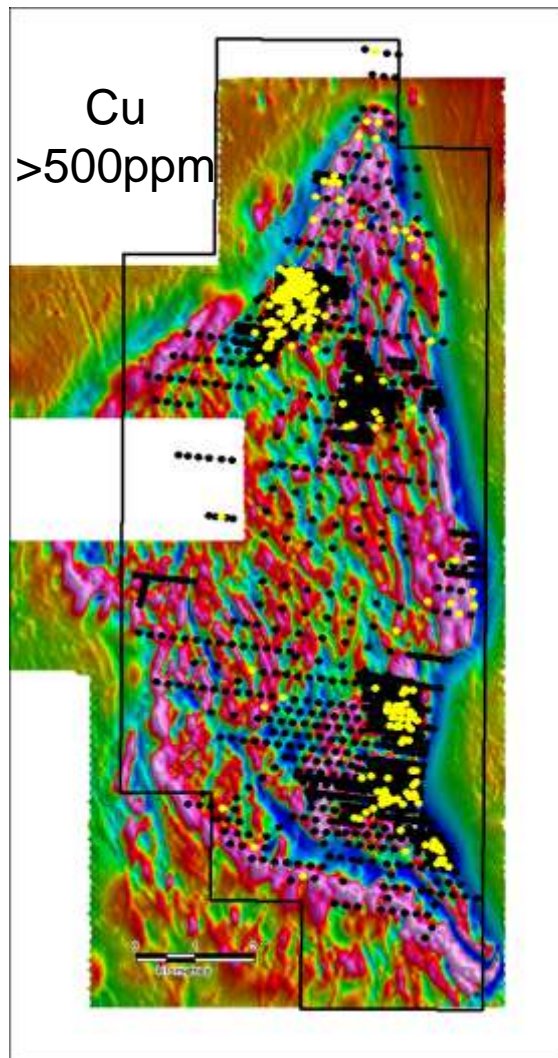
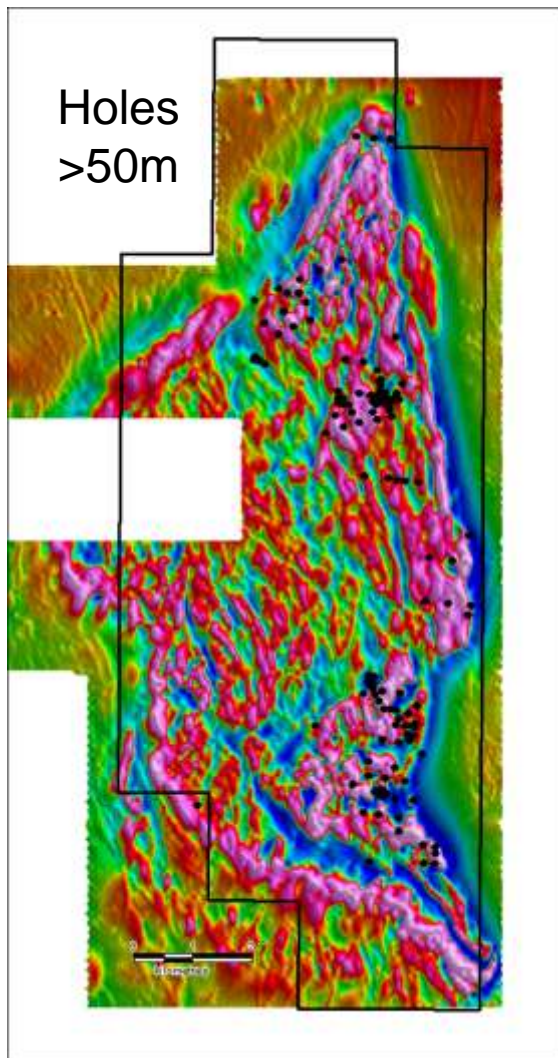


# Trundle – Geophysics



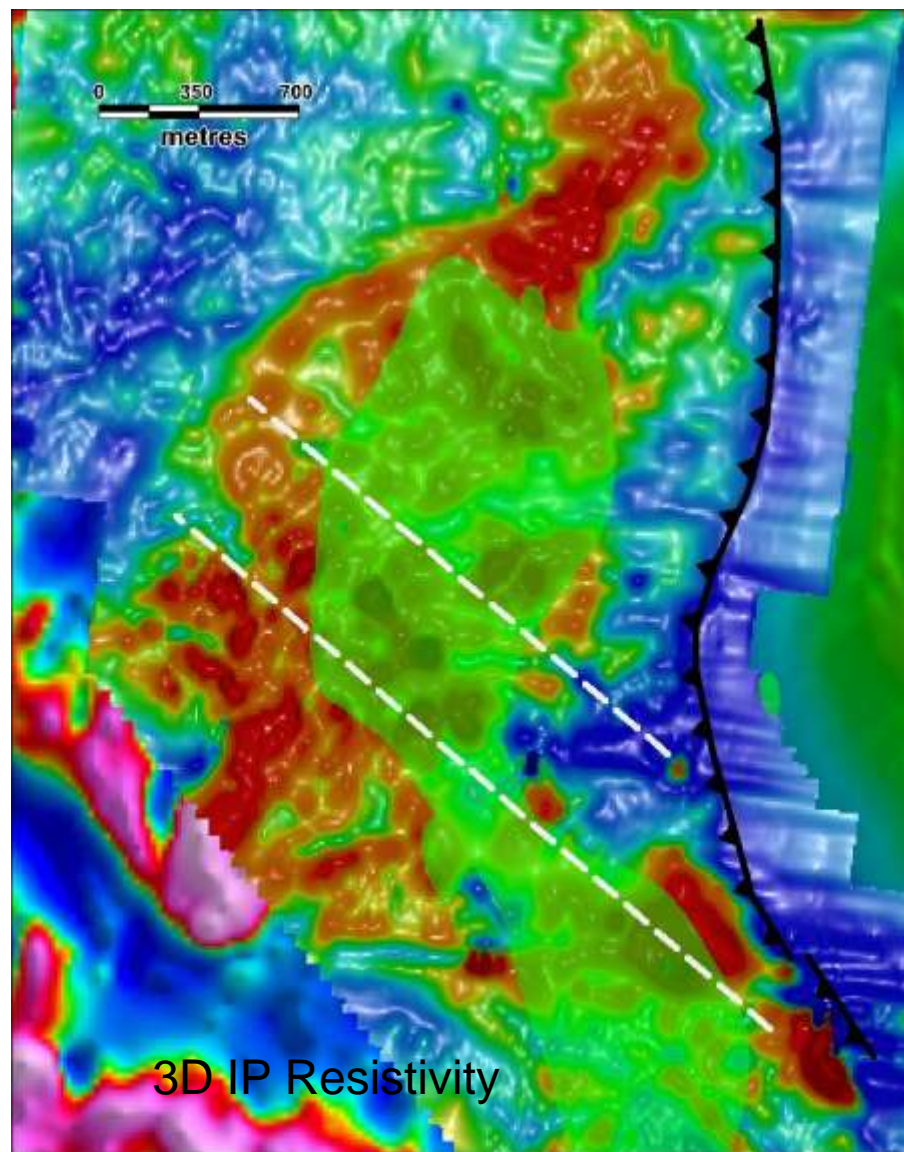
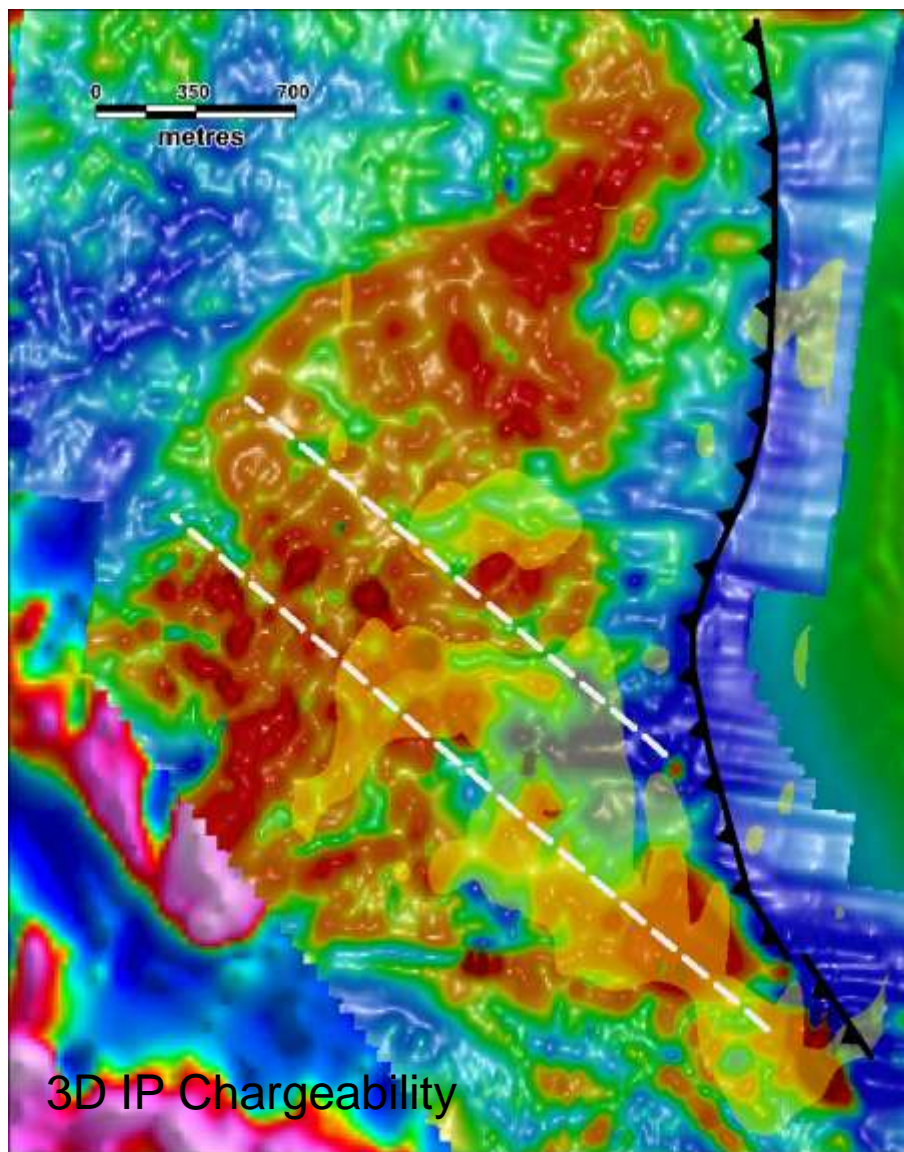


# Trundle – Drilling



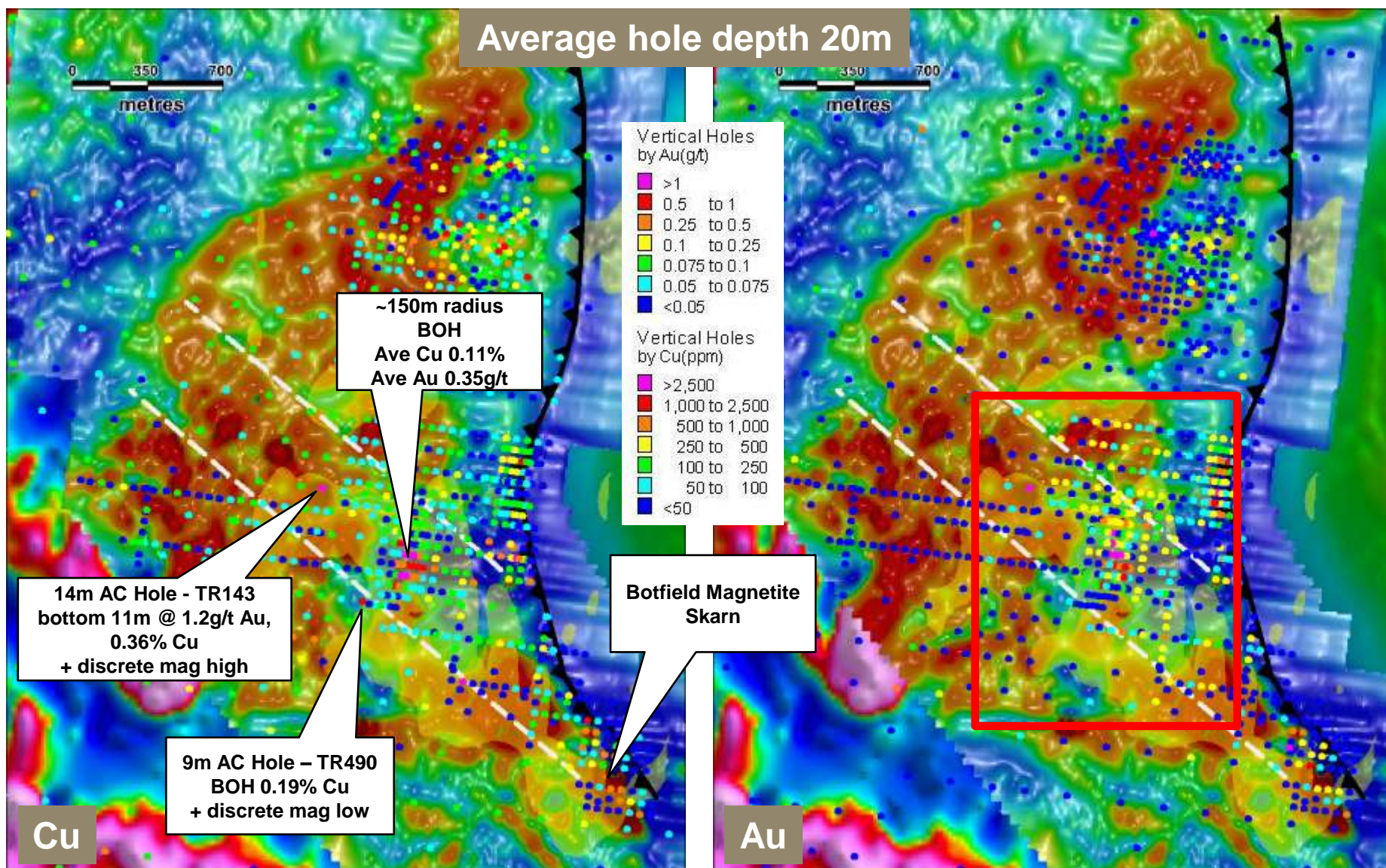


# Trundle Park - Geophysics





# Trundle Park – Cu Au Geochemistry





# Trundle Park – Vectors

## Vectors

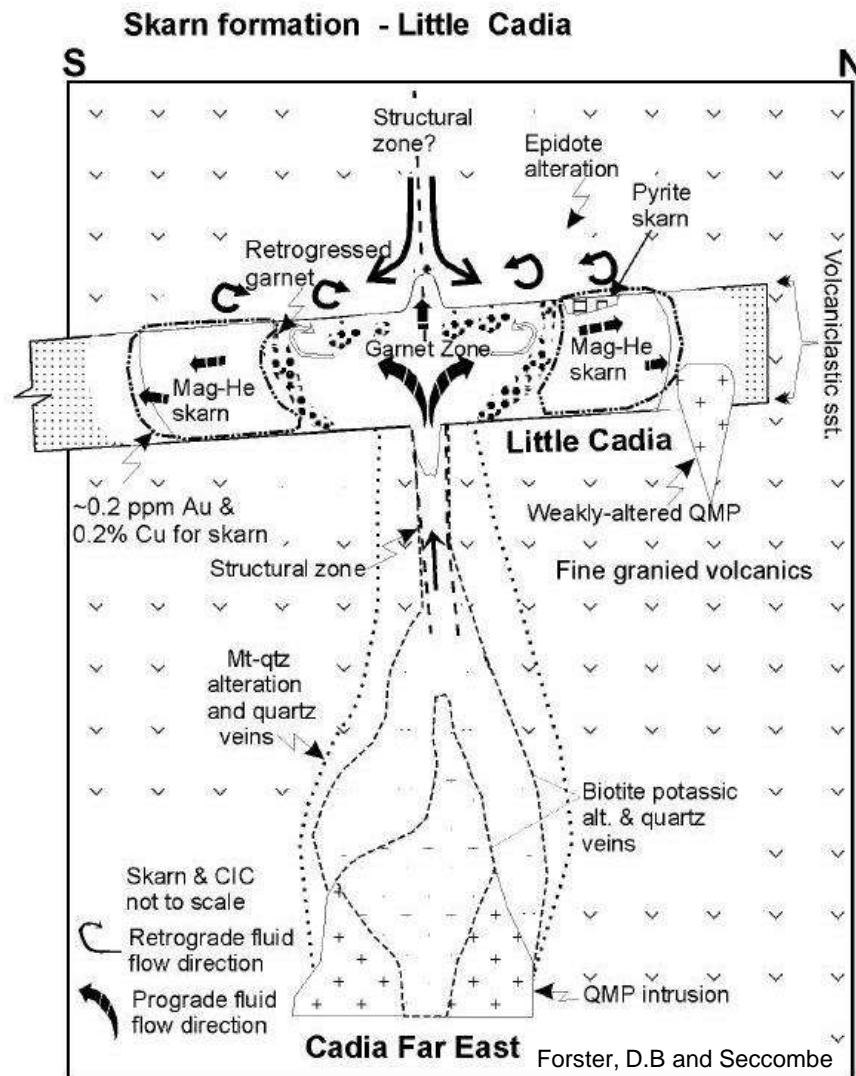
- Geochemistry
- Magnetics – High/Low or both
- IP Chargeability High/Low

## Skarn Mineralogy

- Very similar to Big Cadia
- Distal: Fe-oxide with Cu-Au
- Intermediate:
  - Garnet > pyroxene + scapolite
- Proximal: garnet >> pyroxene

## Skarn Petrology (Geopeko)

- Skarn assemblages:
  - Fe-oxide
  - Garnet dominant
  - Garnet diopside





# Trundle Park – Vectors

## Vectors

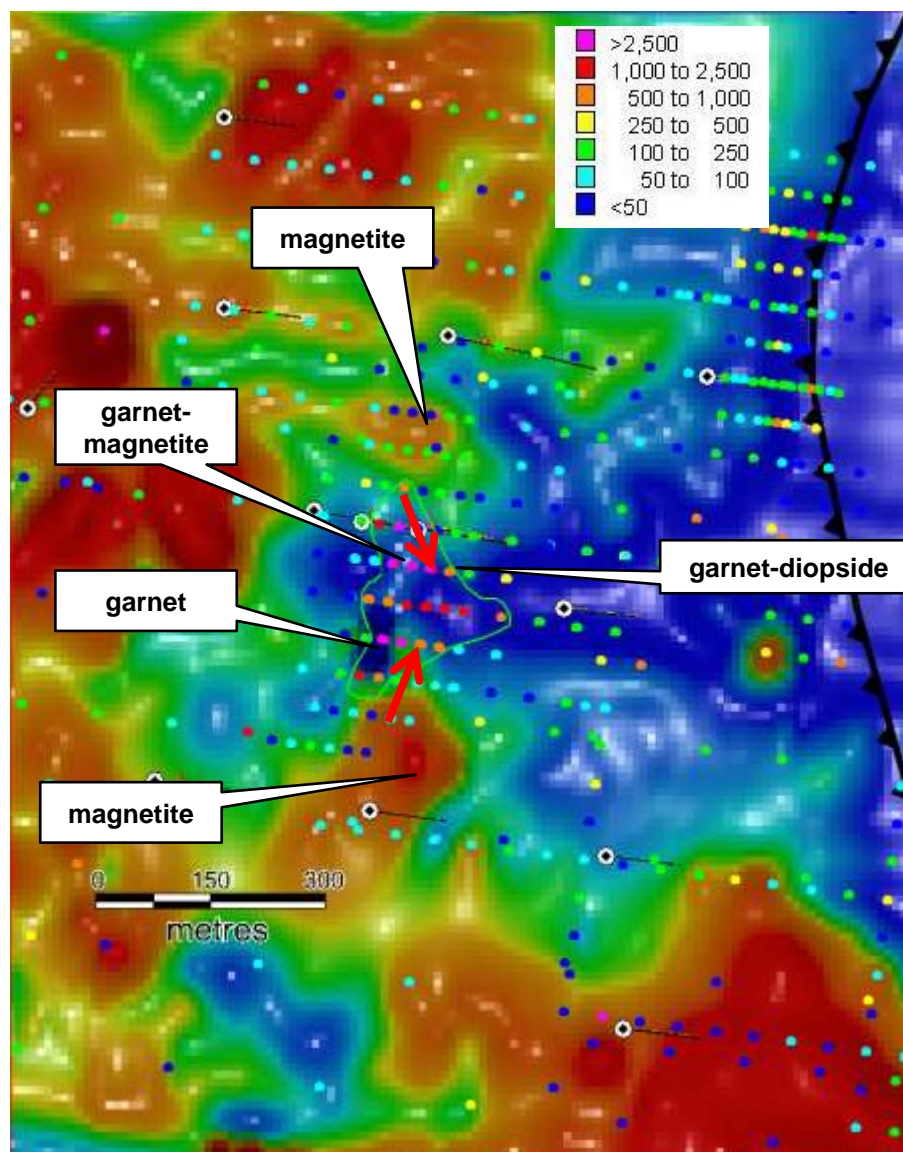
- Geochemistry
- Magnetics – High/Low or both
- IP Chargeability High/Low

## Skarn Mineralogy at 8am

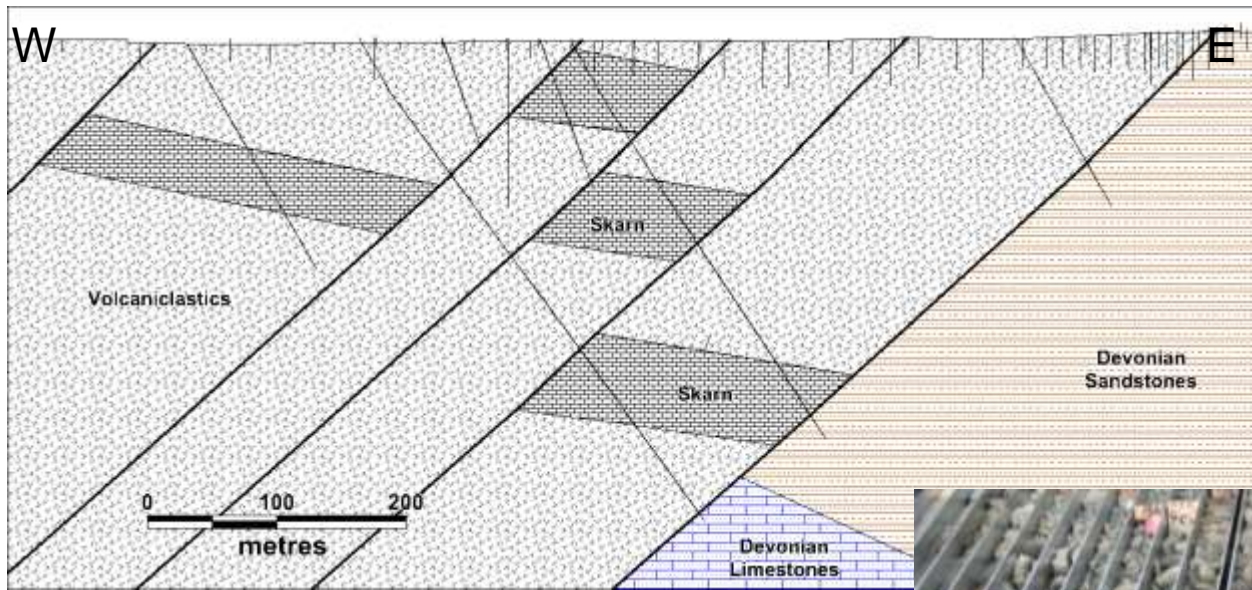
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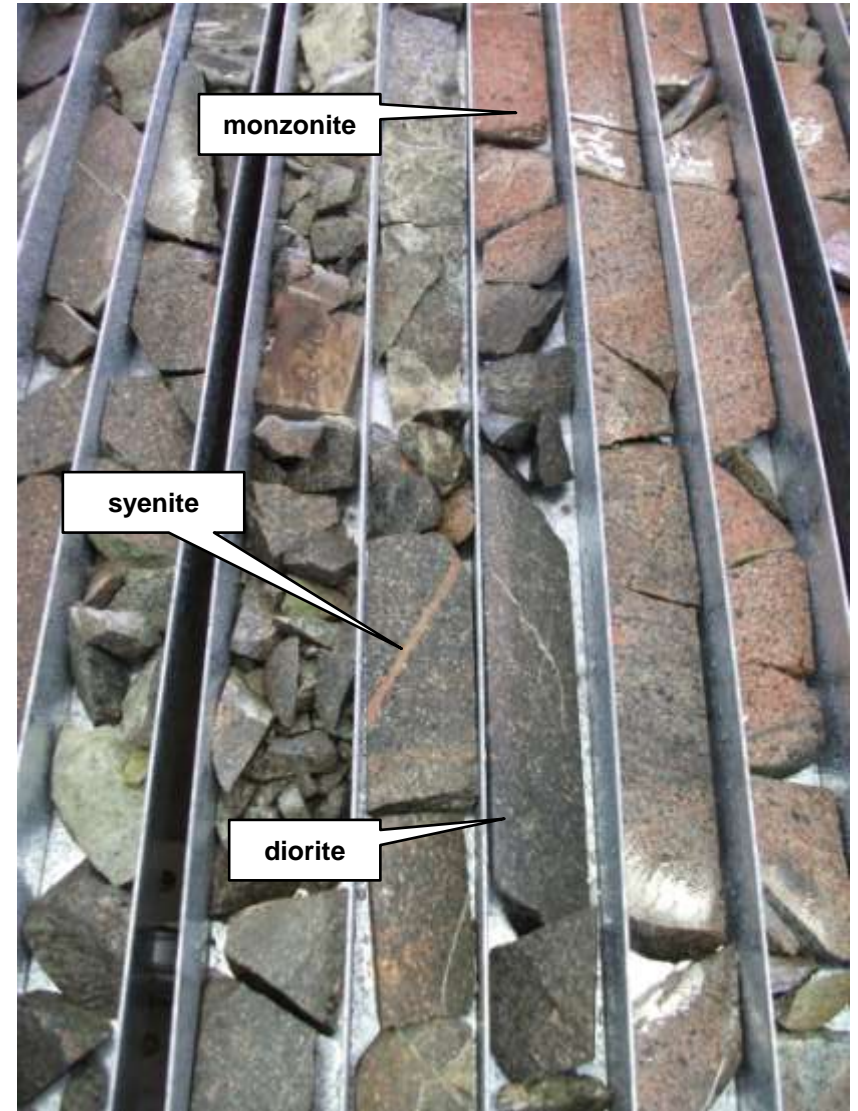
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# Trundle Park – Late Structures



# Trundle Park – Intrusives





# Trundle Park – Mineralisation



# Wrap up



Late Ordovician 'Northparkes Group' rocks

26km west of Northparkes

Au-Cu rich skarns very similar to Big Cadia

Significant results yet to be tested (e.g. 11m @ 1.2g/t Au, 0.36%Cu from 3m)

Fully fractionated potassic intrusives

Drilling planned for October 2010



# Further information



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