



**ZAMIA GOLD**  
MINES LIMITED

# Drilling Open Files

ANTHONY MOLYBDENUM  
PROSPECT, QLD



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# Acknowledgements

- The Z Team +

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- Penny Daven

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- Matthew Schulze
- Tim Murphy
- Anthony Lees
- Daniel I'Ons
- Allan Miller
- Ross Reinhold
- Barry Reed
- IBML Staff



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# Talk Outline

Zamia Gold Mines Ltd

Anthony discovery – chronology and key steps

The deposit to date – a work in progress  
- Geology and Mineralization



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ASX Code – ZGM  
Listed January 2007  
Shares

Quoted 46,984,422

Escrowed (unquoted) 14,737,233

Options

Quoted (June 09, 20c exercise) 25,190,845

Unquoted (various) 15,800,000

[www.zamiagold.com.au](http://www.zamiagold.com.au)



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# Board of Directors

Stephen Blackman – Non Exec Chairman

Colin Seaborn – Exec Director

R N (Sam) Lees – Exec Director- Technical

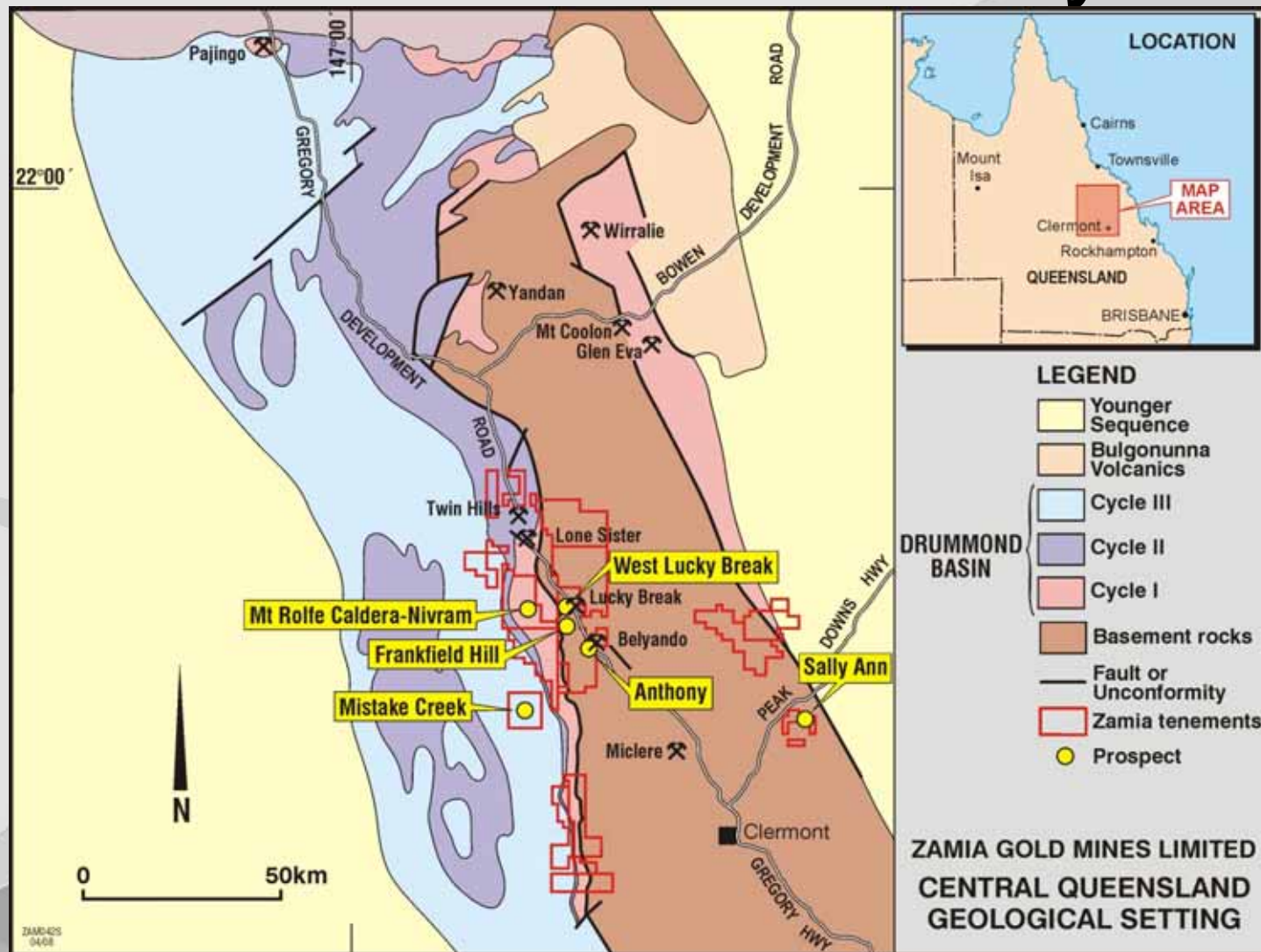
Ken Maiden – Non Exec Director

Andrew Skinner – Non Exec Director



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# Location of Anthony







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# Remote Access!





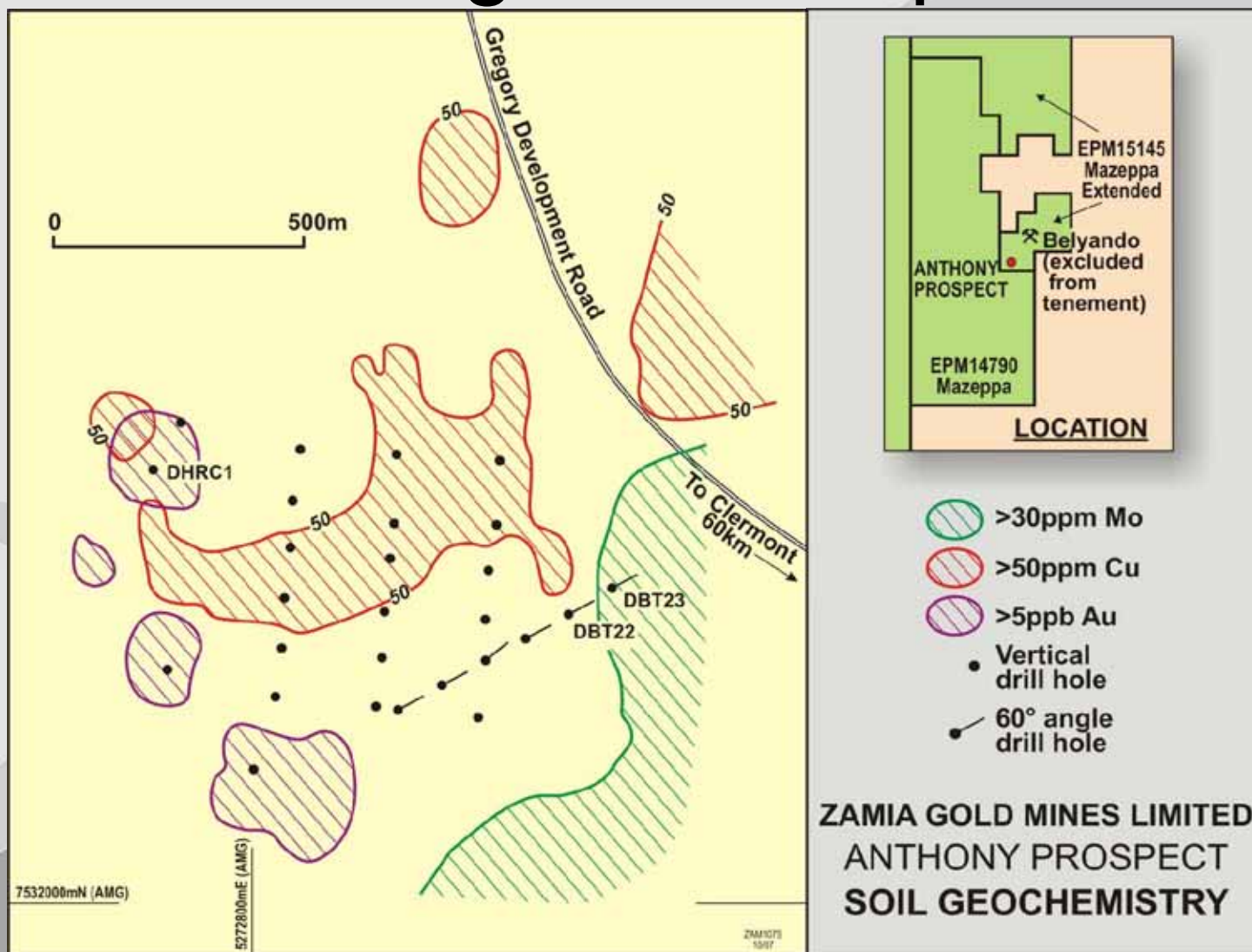


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# Afternoon 3 October 2007



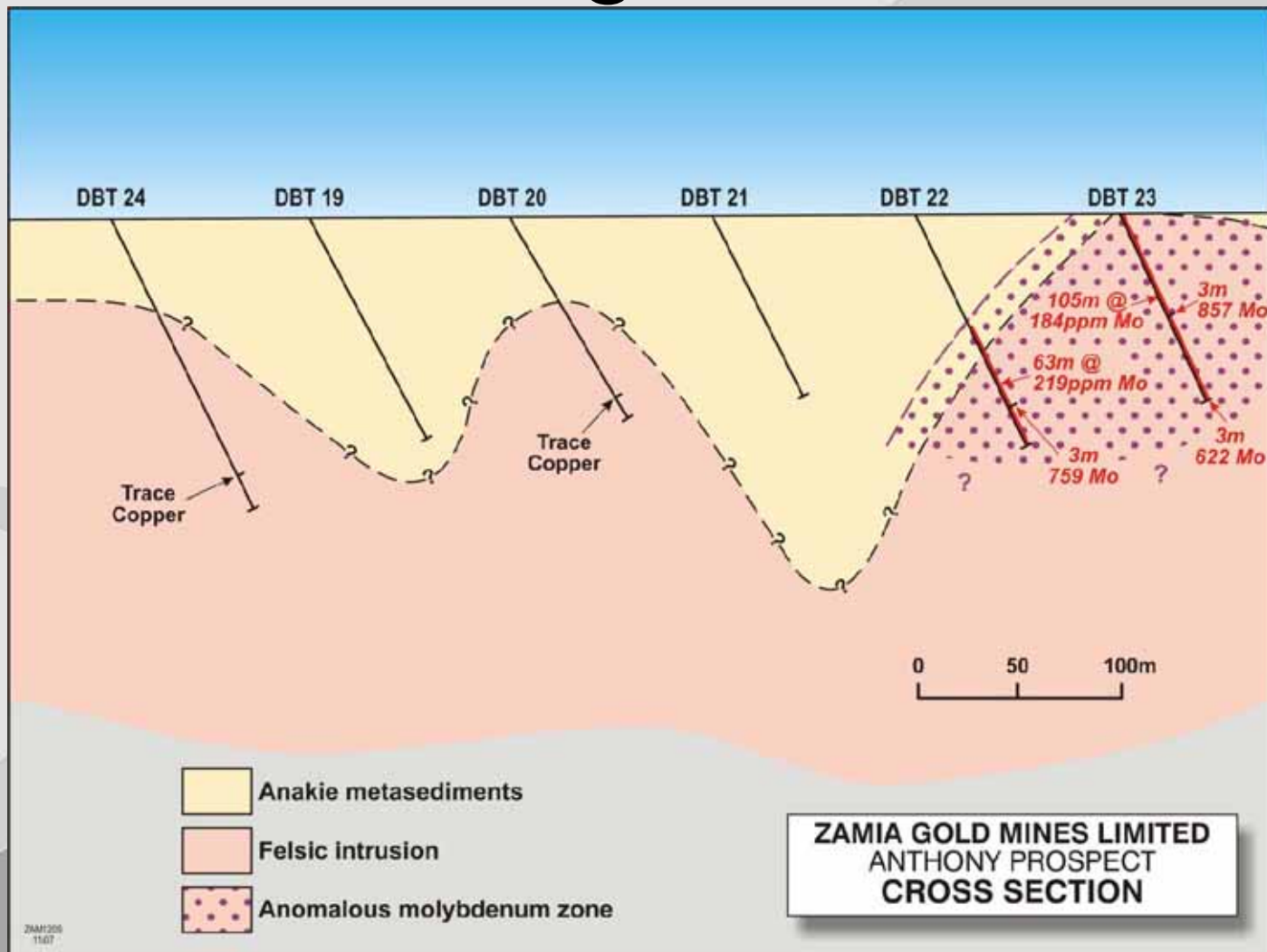
# Existing Soil Samples





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# Section through old RC Holes

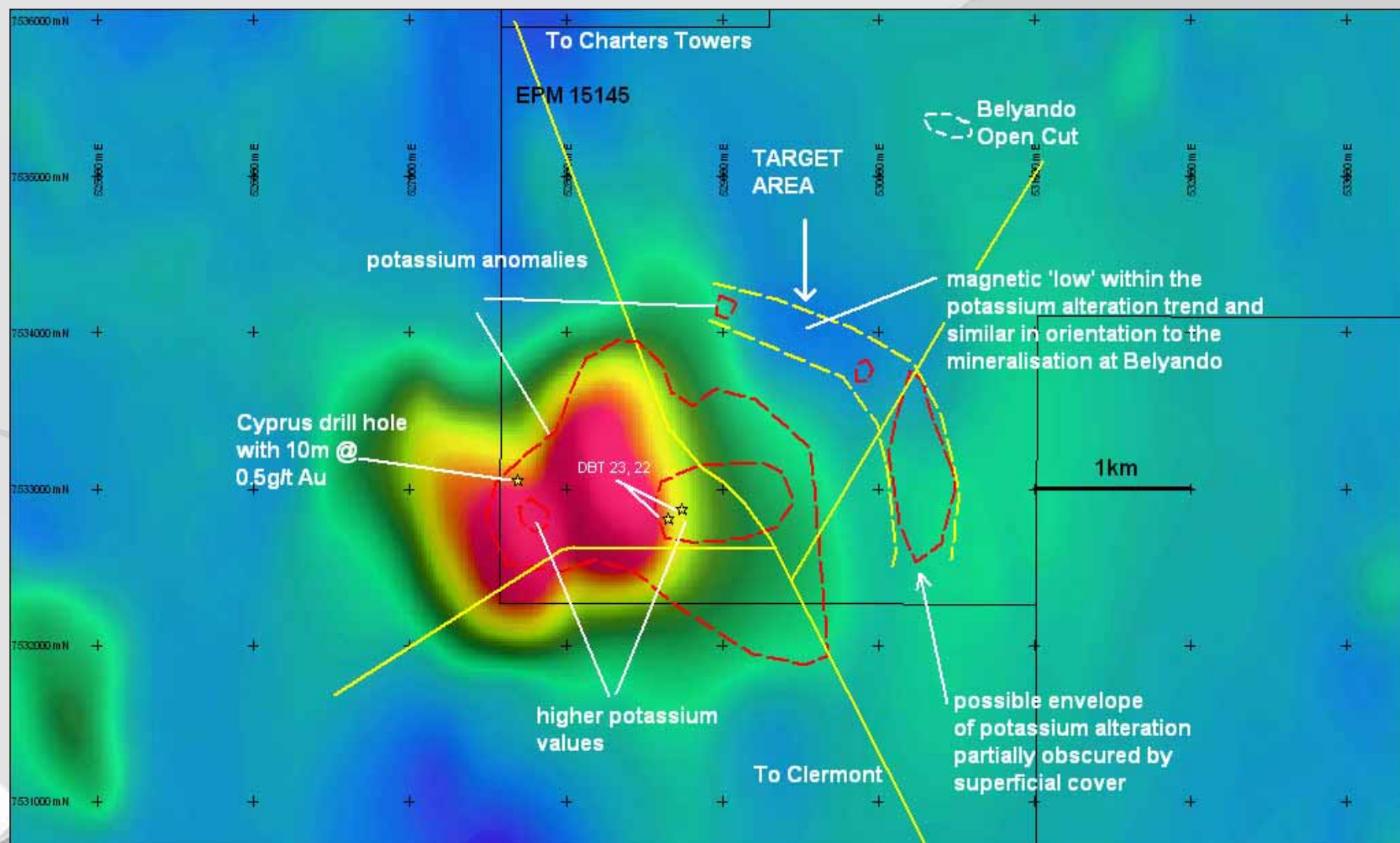






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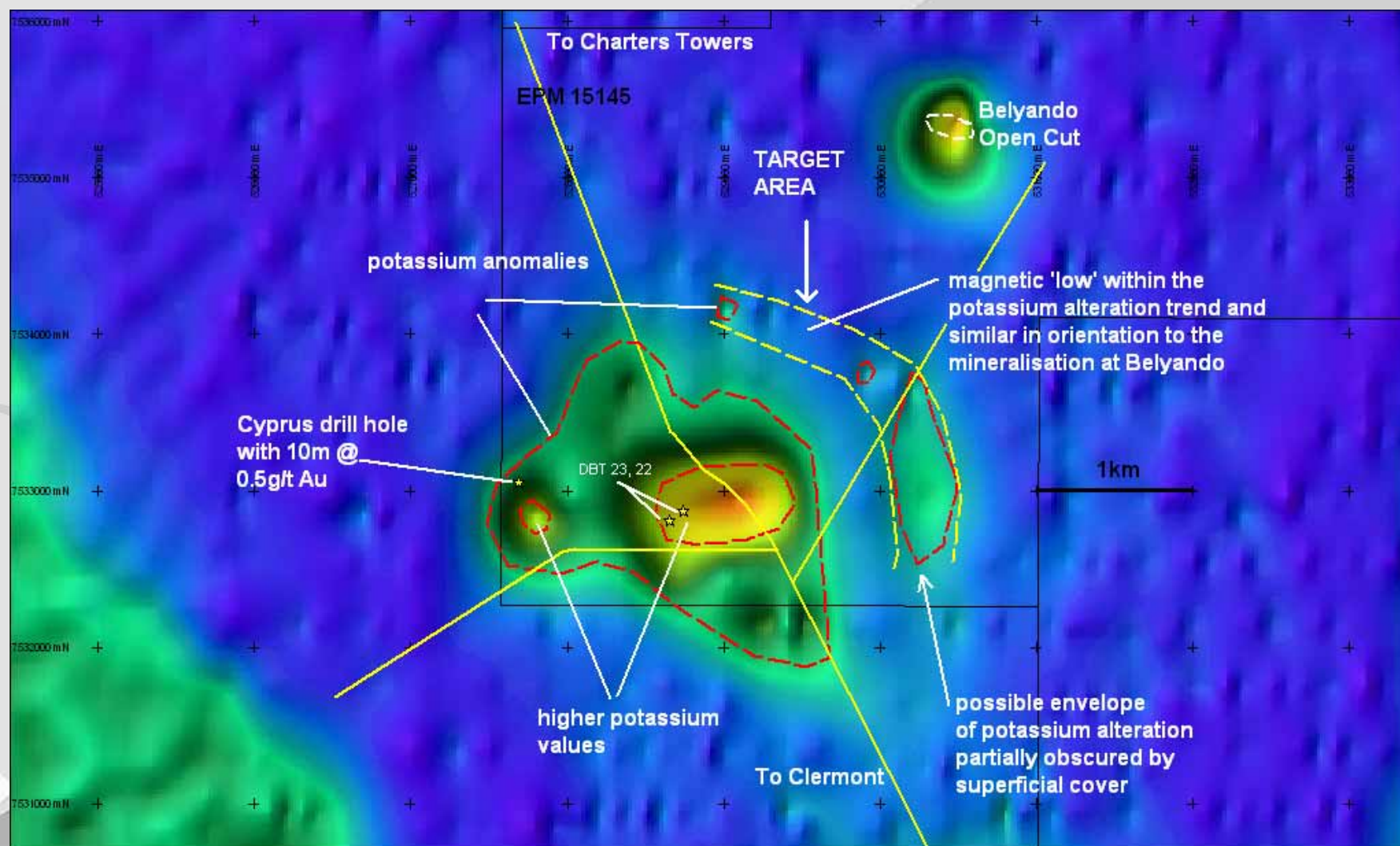
# Aeromagnetics





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# Potassium Radiometrics





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# Flogging a Dead Horse

What in the hell is molybdenum and how do you spell it?

You will confuse the shareholders – we are a gold company!

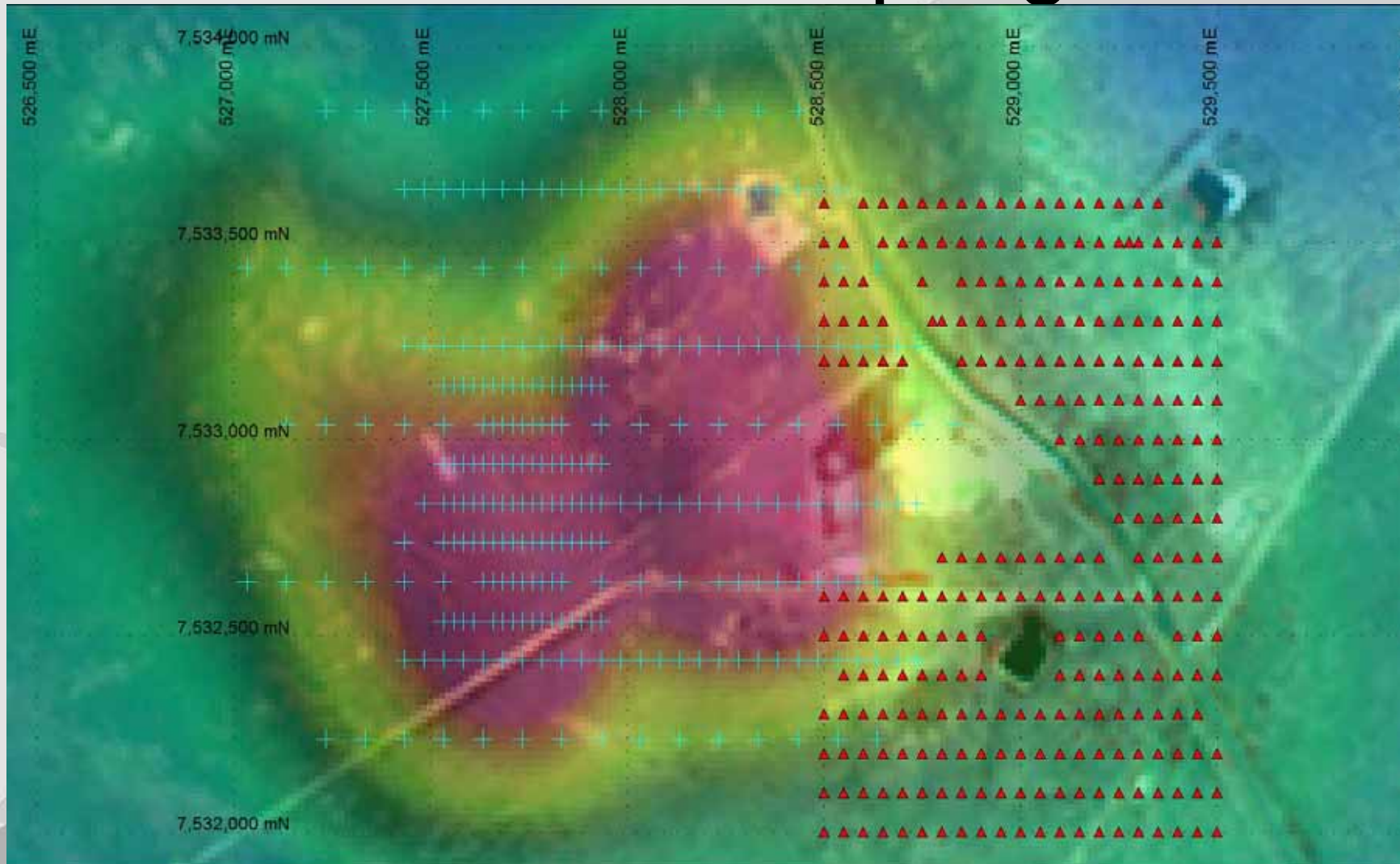
We can't have a prospect called  
**DEAD HORSE BORE!!!**





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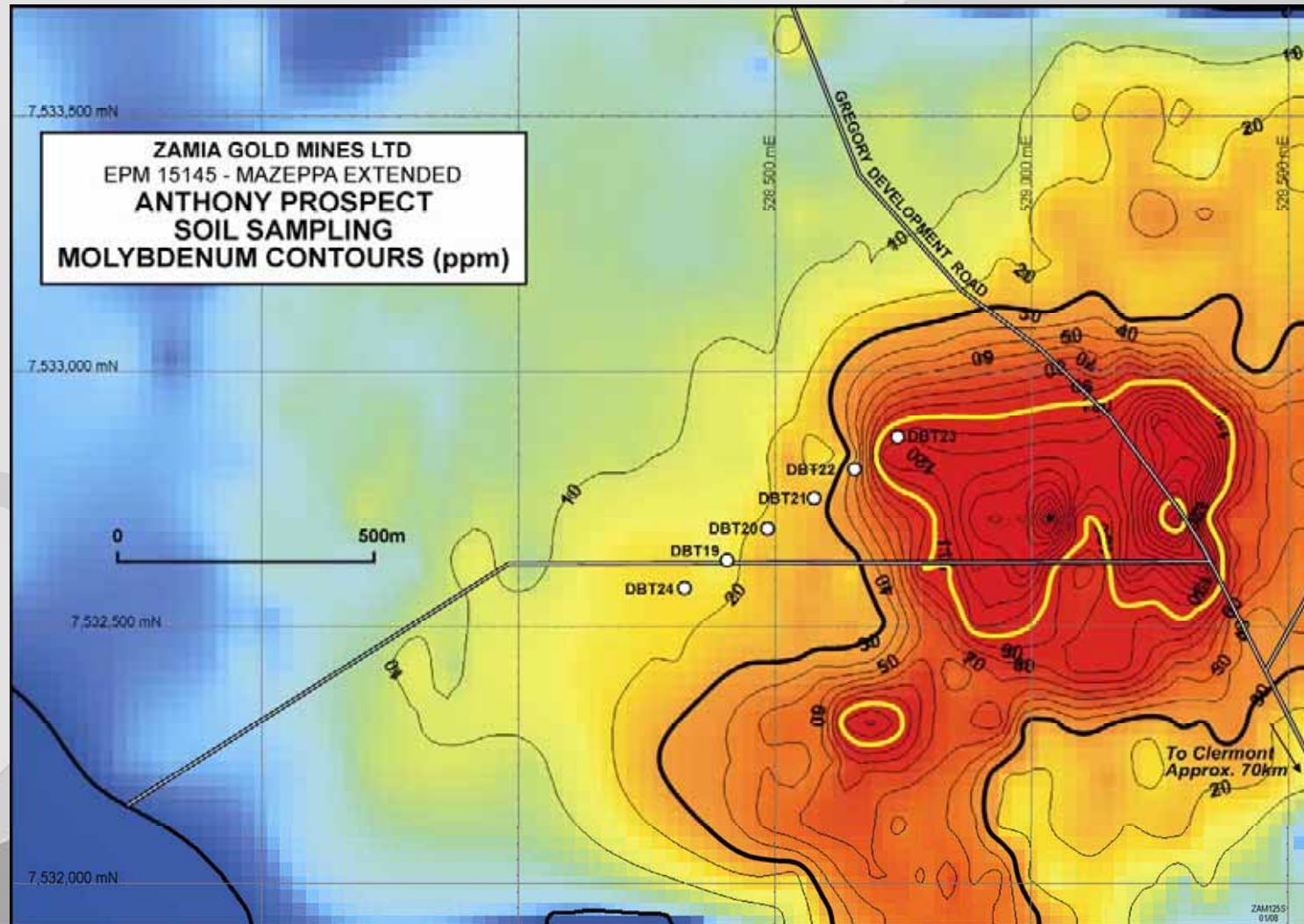
# Zamia's Soil Sampling Grid





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# The Molybdenum Anomaly







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28 January 2008





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# The Anthony Discovery

- Four months from field visit to discovery drill hole (in a very wet wet season!)
- Field inspection and discussion led to:
  - Interpretation of old exploration data
  - Geological mapping and chip sampling
  - Geochemical soil sampling
  - RC drilling
  - First hole discovery



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# Why Mines are Missed

Usually Combination of:

Metal Prices

Exploration Budgets

Joint Venture Problems

Fixed Exploration Models – Commodities

Perceived Target Size

Misinterpretation of results



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# Take Home Messages

Drilling open file reports is:

- cost effective
- NOT rocket surgery

Emphasize the value of open file reports  
with governments

Near Surface deposits can still be found





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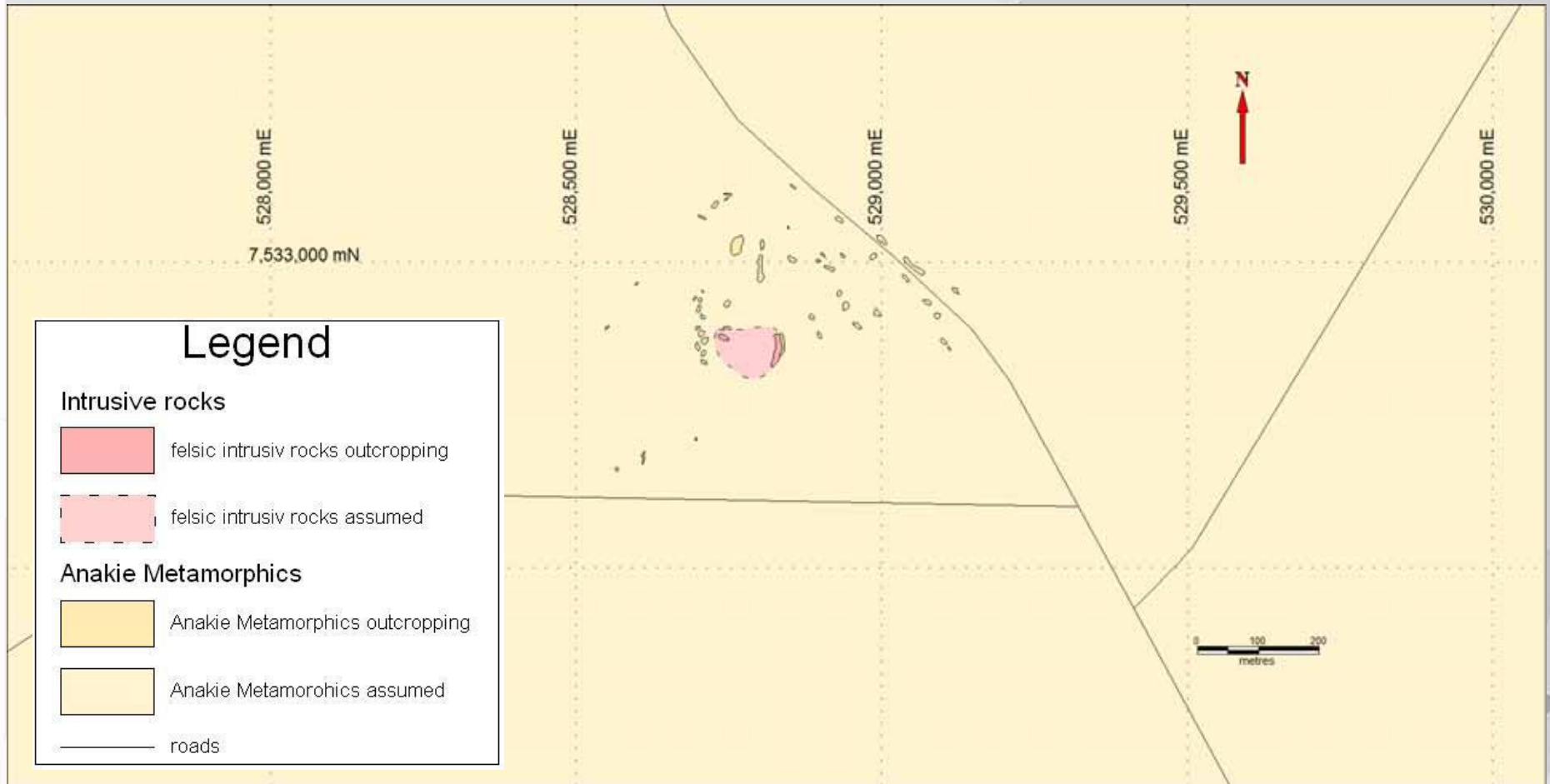
# Welcome to Dead Horse Yards





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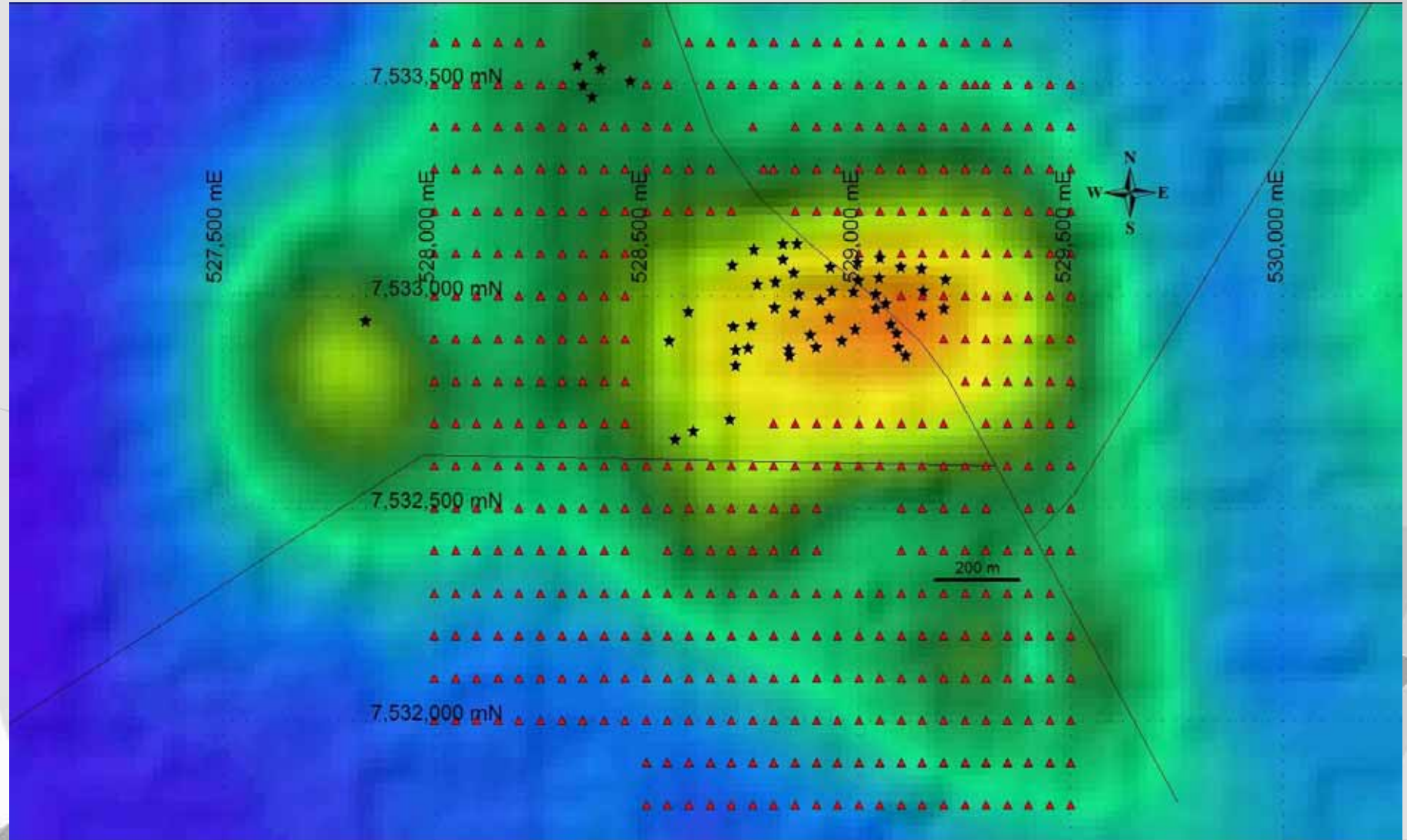
# Mapping at Anthony





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# Extended soil sample grid

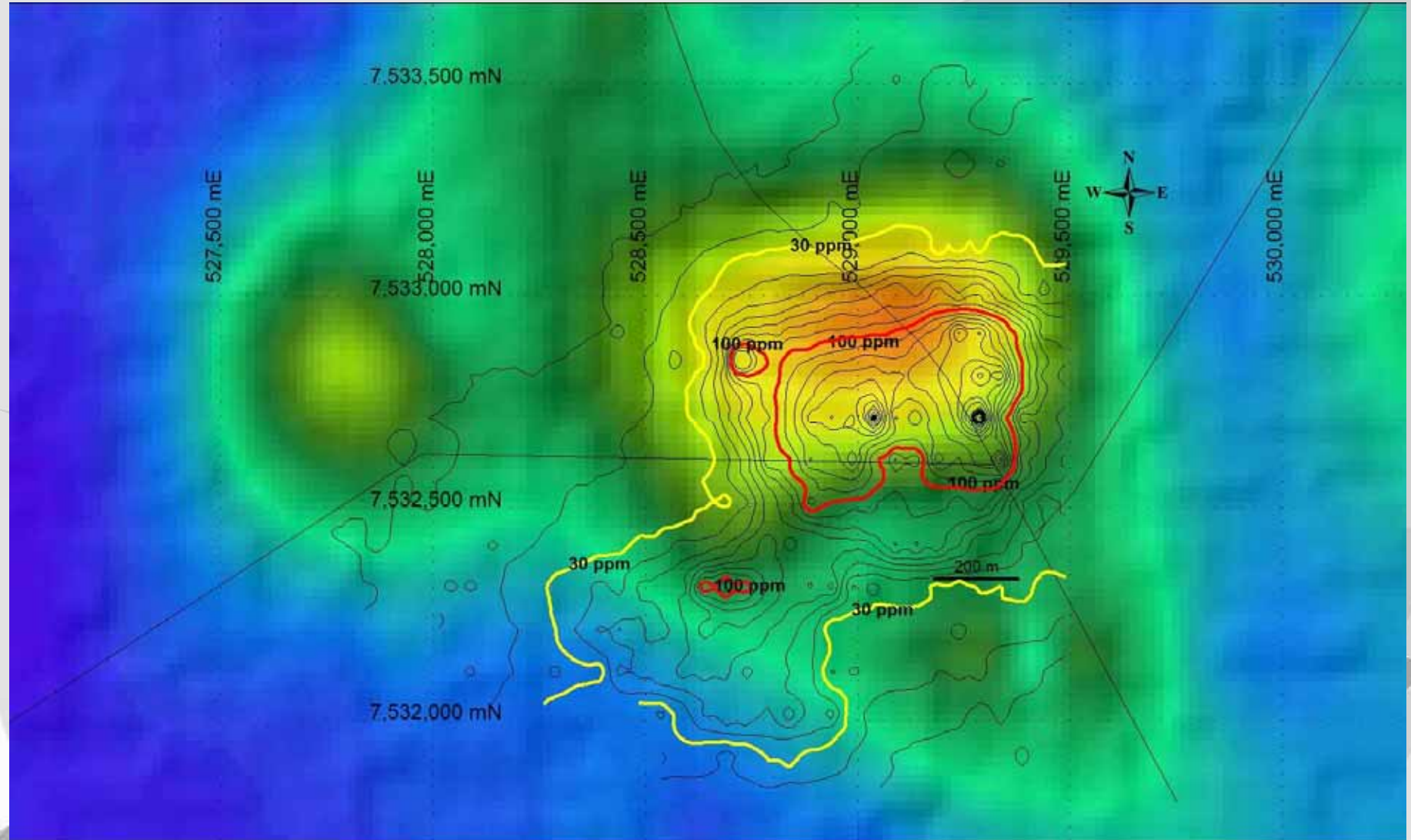






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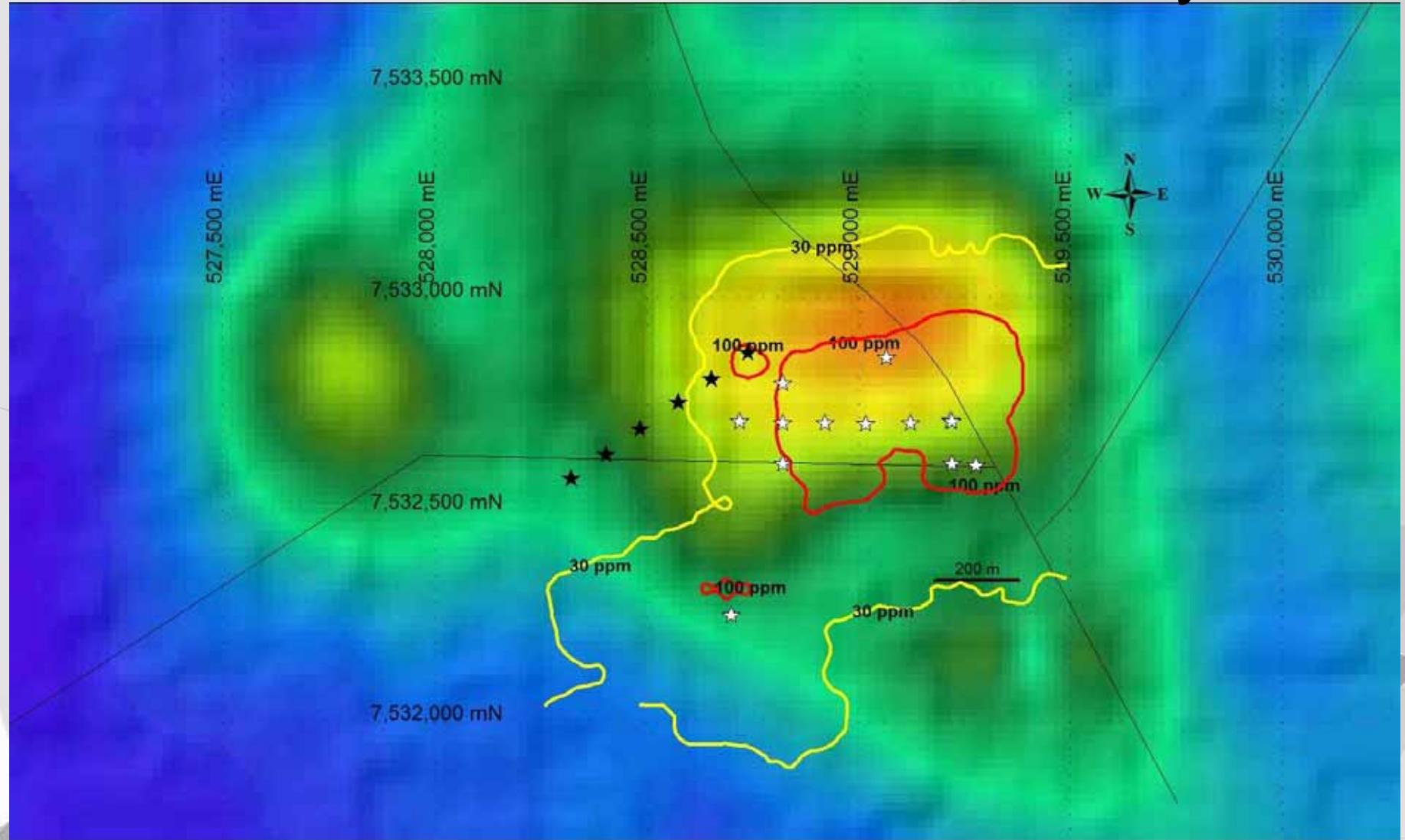
# Moly contours at Anthony





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# Drill hole locations at Anthony

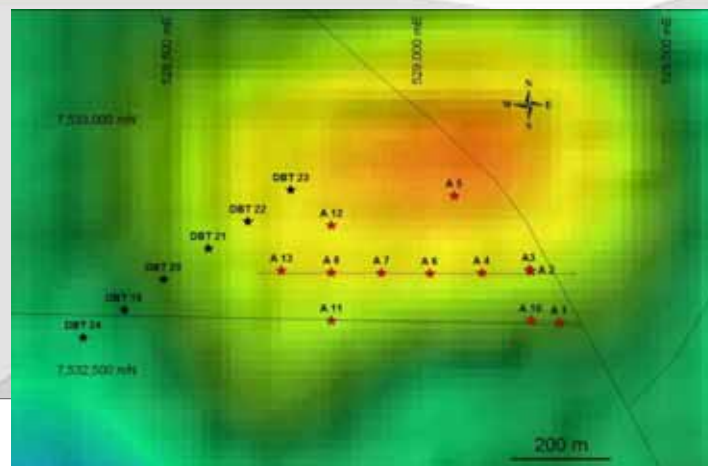
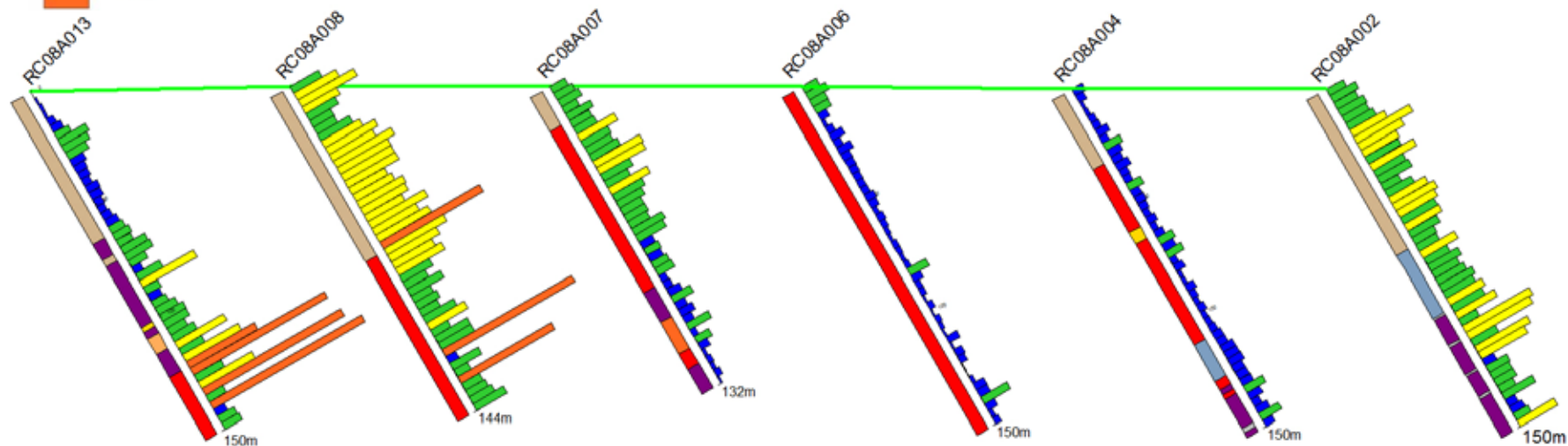
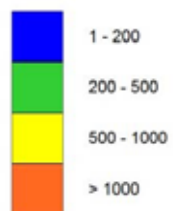




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# WE cross section through drill holes

Legend for Mo assays





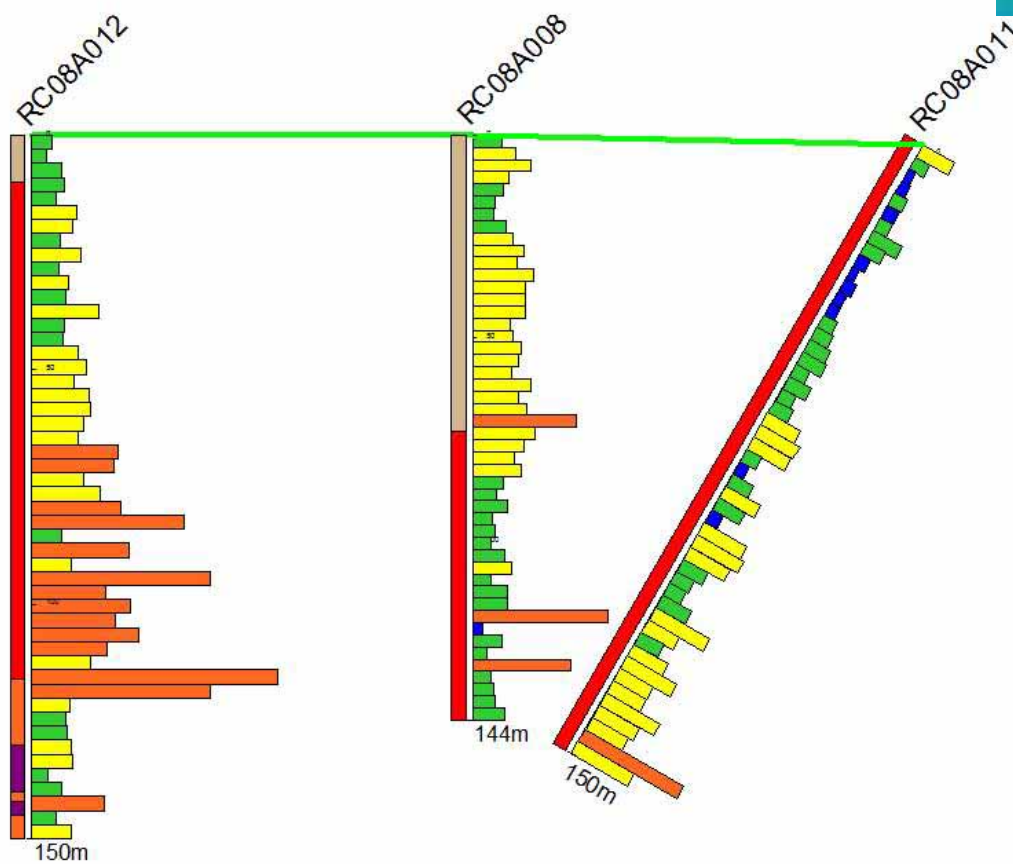


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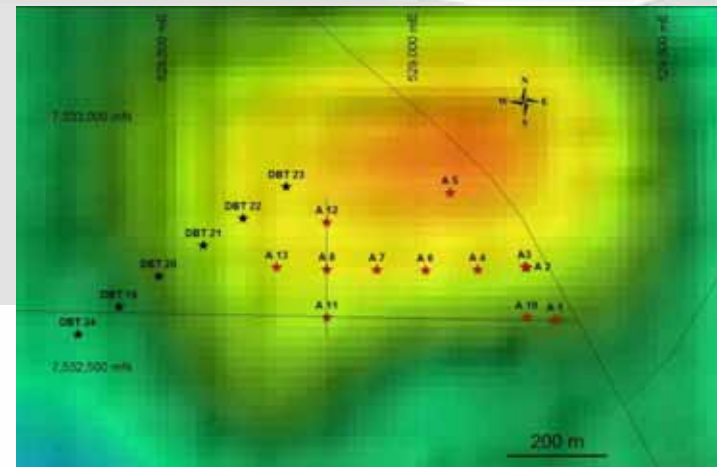
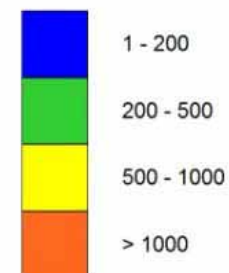
# NS cross section through drill holes

N

S



Legend for Mo assays





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Literature.... hmmm.... real life?

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WHITE, BOOKSTROM, KAMILLI, GANSTER, SMITH, RANTA AND STEININGER

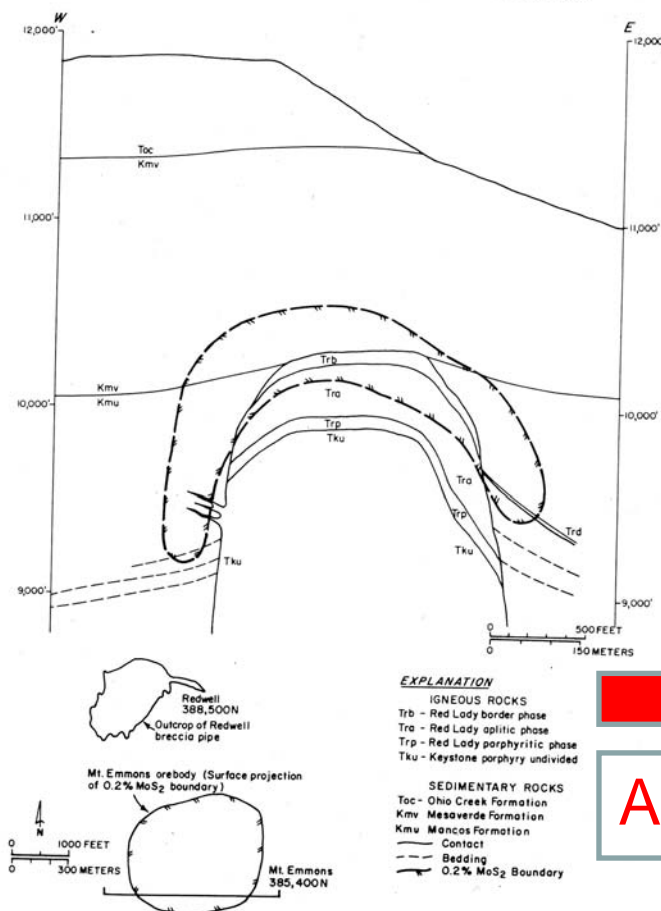
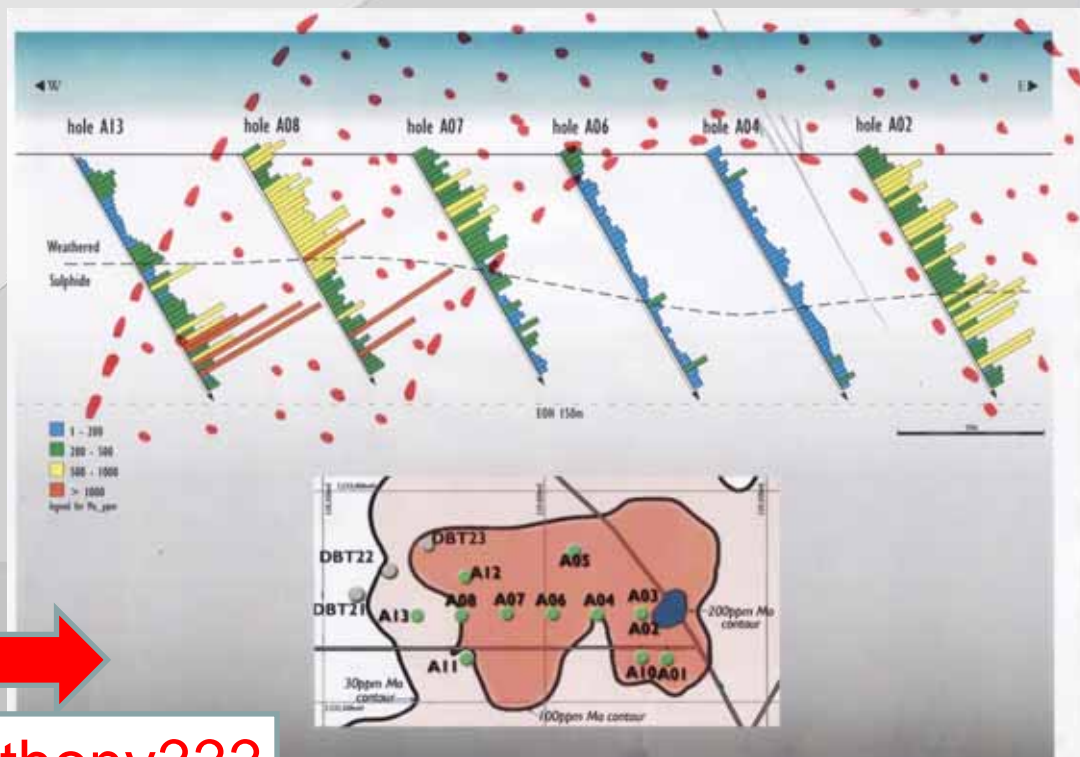


FIG. 4. Mount Emmons 385,400N section, showing generalized geology and ore zones. Generalized geologic sketch map (inset) shows location and orientation of 385,400N section with respect to the surface projection of the Mount Emmons 0.2 percent MoS<sub>2</sub> zone and the outcrop of the Redwell breccia pipe.

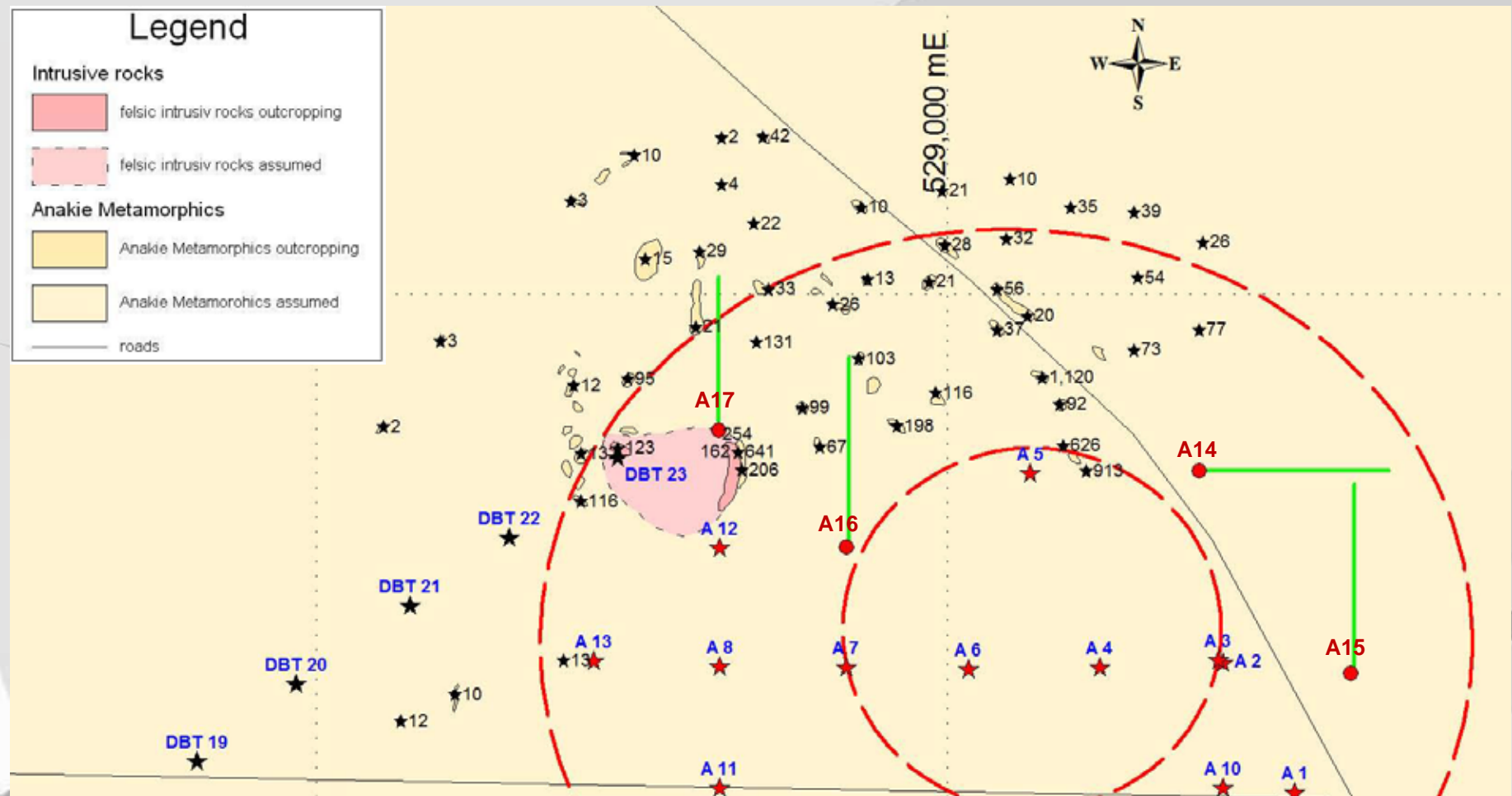


Anthony???



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# Projected zone of mineralization and location for current DD holes





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...and then the DD fun began







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## Sam inspecting fresh core





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# Coarse Molybdenite in qtz-vein







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## What we know

- Several different felsic intrusions at Anthony
- Mineralization in stockwork veins
- Only Mo, neither Cu nor W
- Shape of deposit not clear yet
- Results from DD will lead to a better understanding of geology



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## Future Program

- 10,000 m of RC drilling
- Preliminary resource estimate late 2008
- Metallurgical test work
  - Oxides
  - Sulphides
- Feasibility study?