



# **ActivEX**

ActivEX Limited

*Copper Conference 2012*  
*Investor Update*  
*Managing Director*  
*Doug Young*



**Discovering new gold-copper resources**

Transforming ActivEX  
into a potential copper/gold miner

## *2011 – at Cloncurry*

- High grade near surface copper-gold intersections
- Focus on establishing resources
- Centrally located in resurgent mining province
- Neighbours getting into new production in 2012

## *2011 – at Barambah (Cracow country)*

- Bonanza grade gold-silver intersections

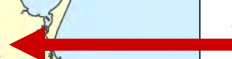
# ActivEX project locations



**Cloncurry**



**Barambah  
Esk Trough**



- ActivEX - exciting new discoveries in high quality projects
- Cloncurry district - a world scale metals mining province
  - Mount Isa, Ernest Henry, Cannington, Century



- Resurgent neighbourhood
  - Exco sale to Xstrata 2010
  - Ivanhoe production startups planned – Osborne 2012, Merlin 2014, Mount Dore 2014, Mount Elliot 2016
  - Cudeco - production planned at Rocklands 2012

# Cloncurry Metals Province

**ActivEX**



Mt Isa

Mary Kathleen

**CUDECO**

Rocklands

Cloncurry

Ernest Henry



**SYNDICATED  
metals**

Kalman

**Florence**

Greenmount

Eloise



**ActivEX**

Young Aust

Barnes Shaft

Tick Hill

Mt Elliott/Swan

Mt Dore/Merlin

Starra

**IVANHOE  
AUSTRALIA**

Cannington



Phosphate Hill

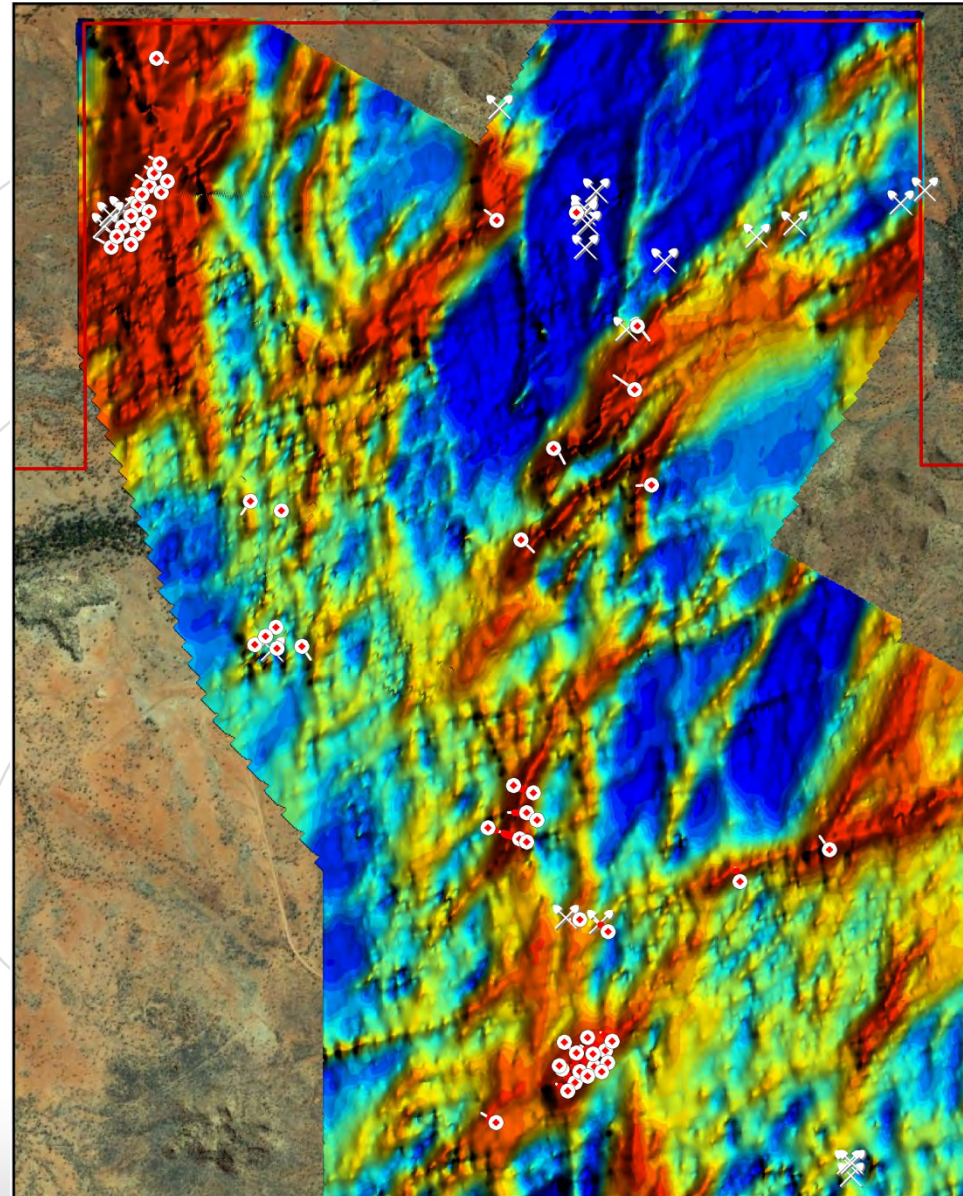
Osborne

**IVANHOE  
AUSTRALIA**

- AIV 100%
- AIV Joint Venture
- AIV Priority application

# *Florence Project*

- Copper-gold-cobalt discoveries in 2010-2011
- From extensive drilling – 7.6km in 57 holes
- Significant high grade zones
- Shallow mineralised zones puts focus on potential open pits

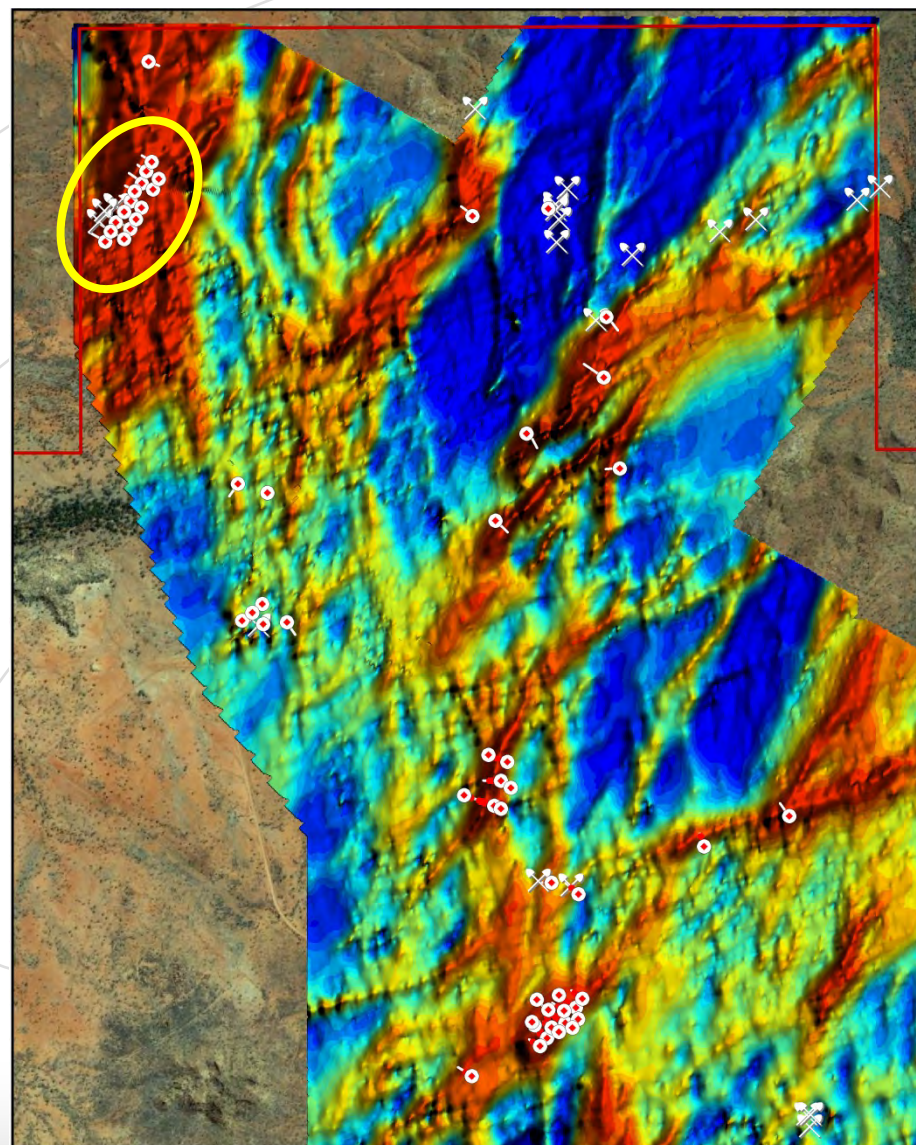


SAM conductivity image

# Florence Bore North (FBN)

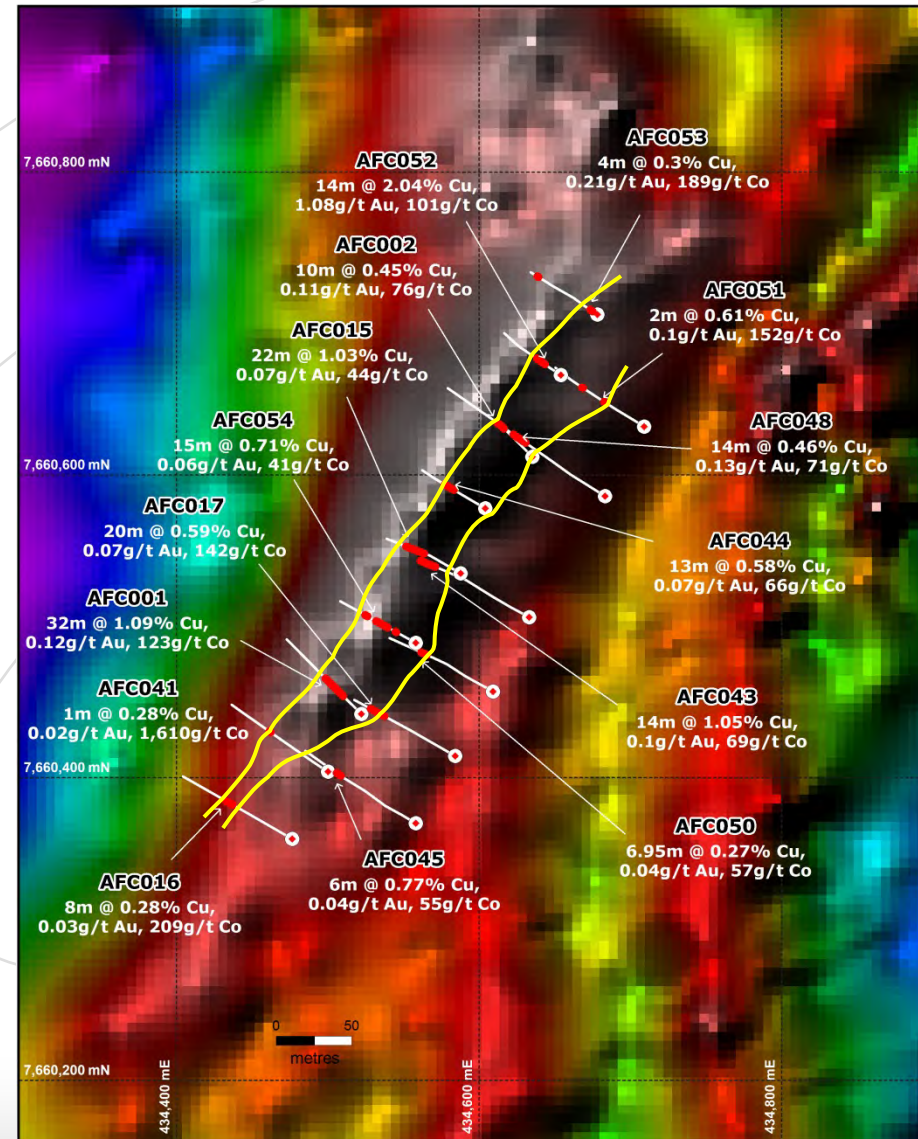


- Discovery hole 2010
  - 32m @ 1.09% Cu, 0.12g/t Au, 123g/t Co
- 2011 drilling highlights
  - High grade zones intersected
  - 22m @ 1.03% Cu, 0.07g/t Au, 44g/t Co
  - 14m @ 2.04% Cu, 1.08g/t Au, 101g/t Co

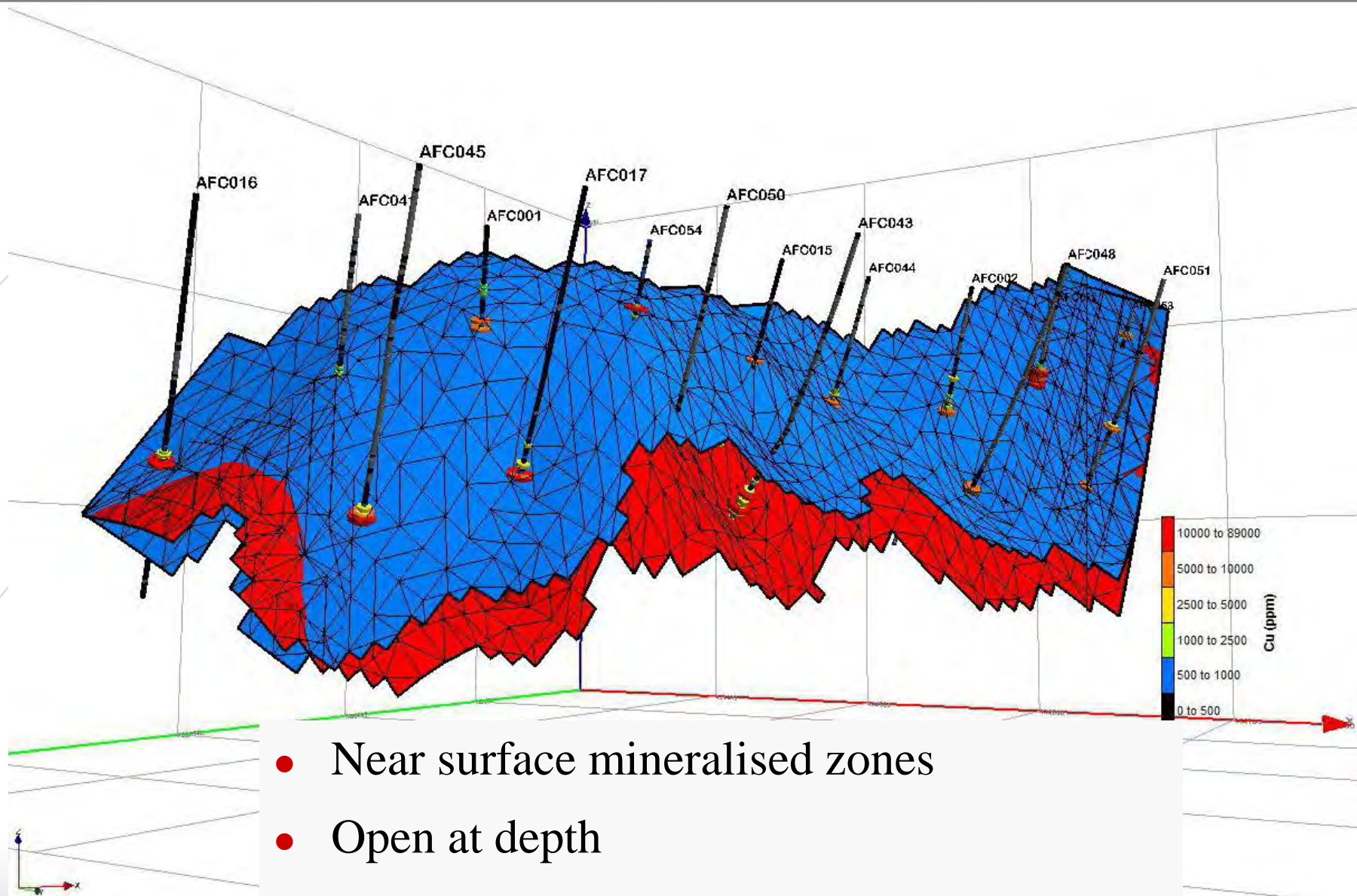


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  - 14m @ 2.04% Cu, 1.08g/t Au, 101g/t Co
- Near surface
  - All intersections above 120m
  - Oxide copper
- Economic scale indicated
  - 350m long, 14 – 30m wide
  - Higher grades plunge to south-west
  - Open at depth



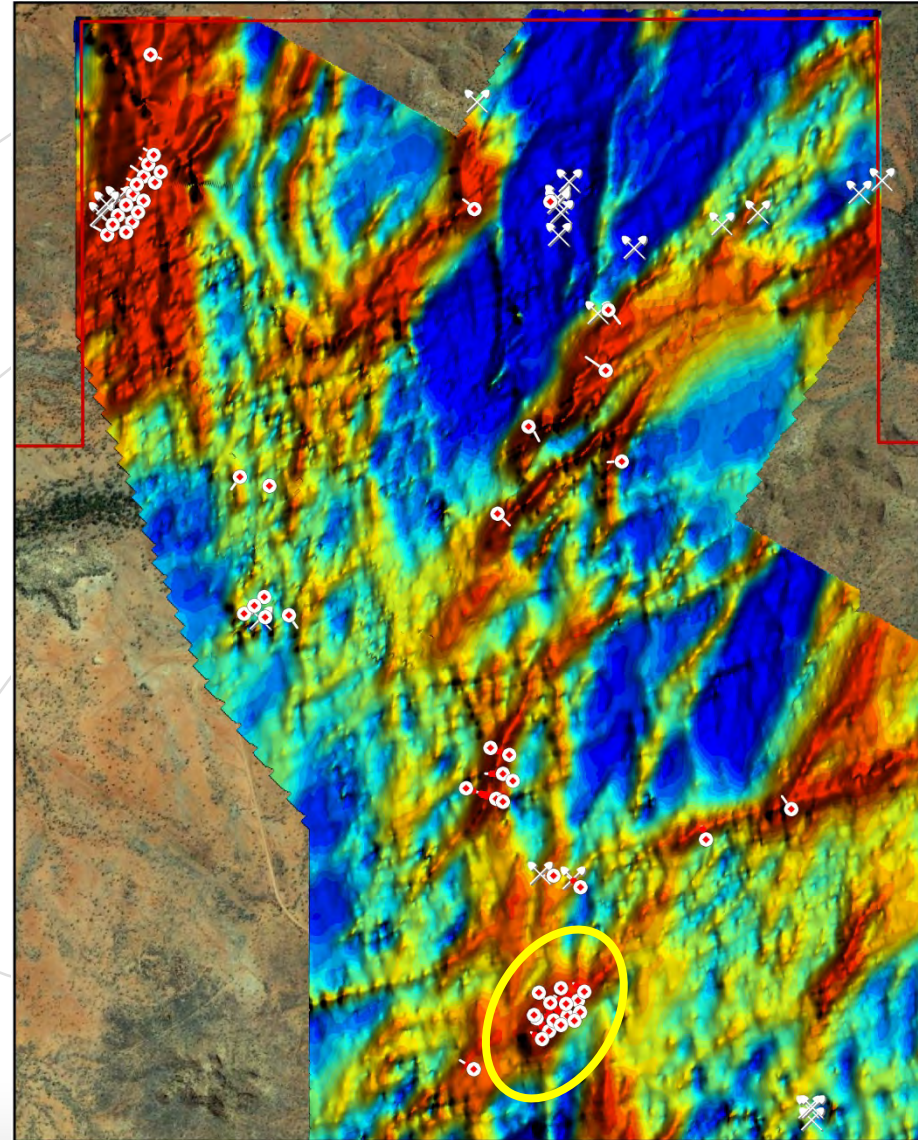
# Florence Bore North (FBN)



- Near surface mineralised zones
- Open at depth
- Deep drilling planned - commencing soon

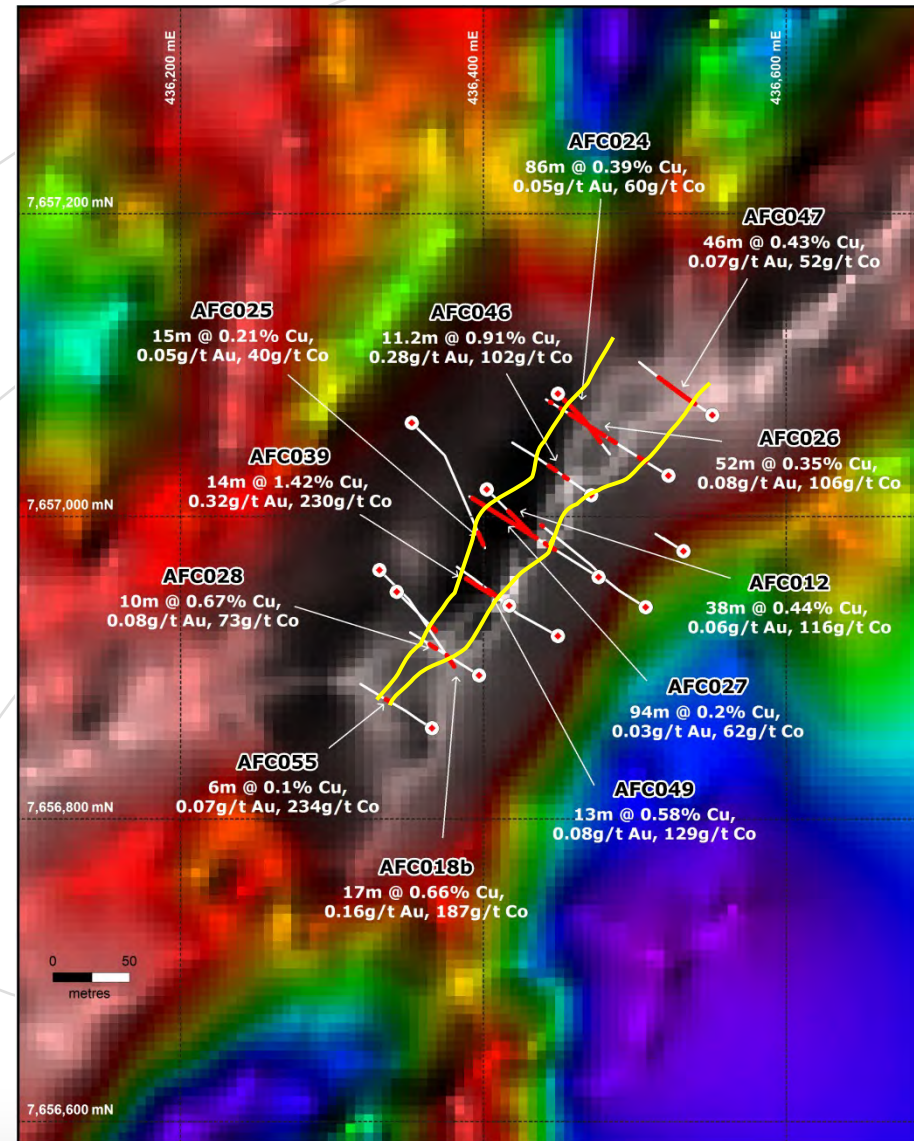
# Florence Bore South (FBS1)

- Discovery hole
  - 38m @ 0.44% Cu, 0.06g/t Au, 116g/t Co
- 2011 drill highlights
  - Wide zones of mineralisation
  - 86m @ 0.39% Cu, 0.05g/t Au, 60g/t Co
  - High grade zones
  - 14m @ 1.42% Cu, 0.32g/t Au, 230g/t Co

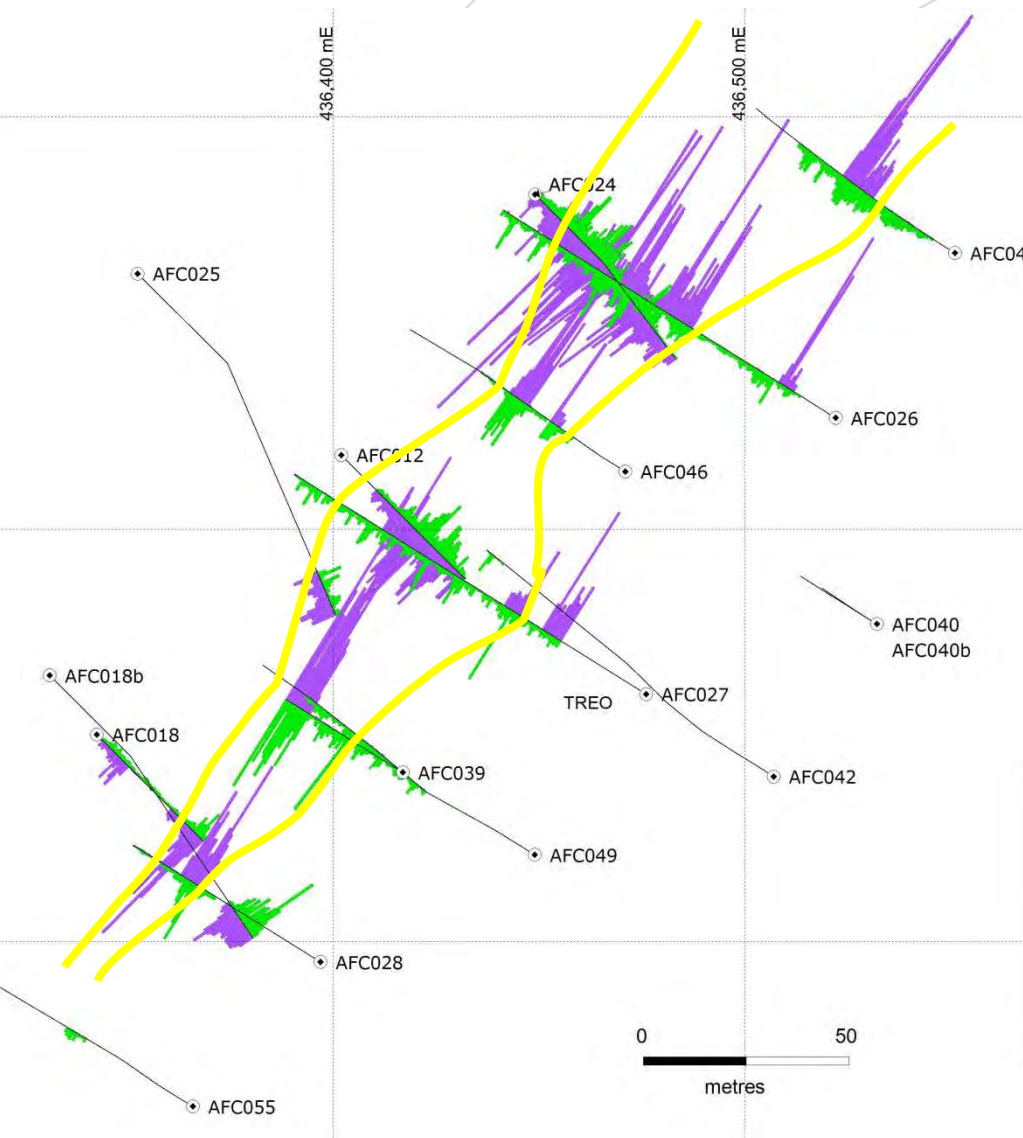


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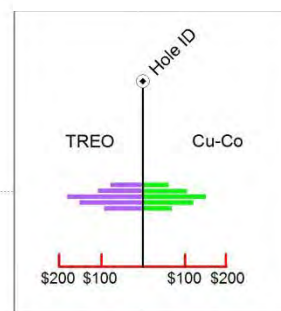
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  - 14m @ 1.42% Cu, 0.32g/t Au, 230g/t Co
- Second potential open pit
  - 3km south of FBN
  - All intersections above 150m
  - >400m strike, 14 – 86m wide
  - Open to north-east and at depth
  - Primary zone not yet intersected



# Florence Bore South (FBS1)

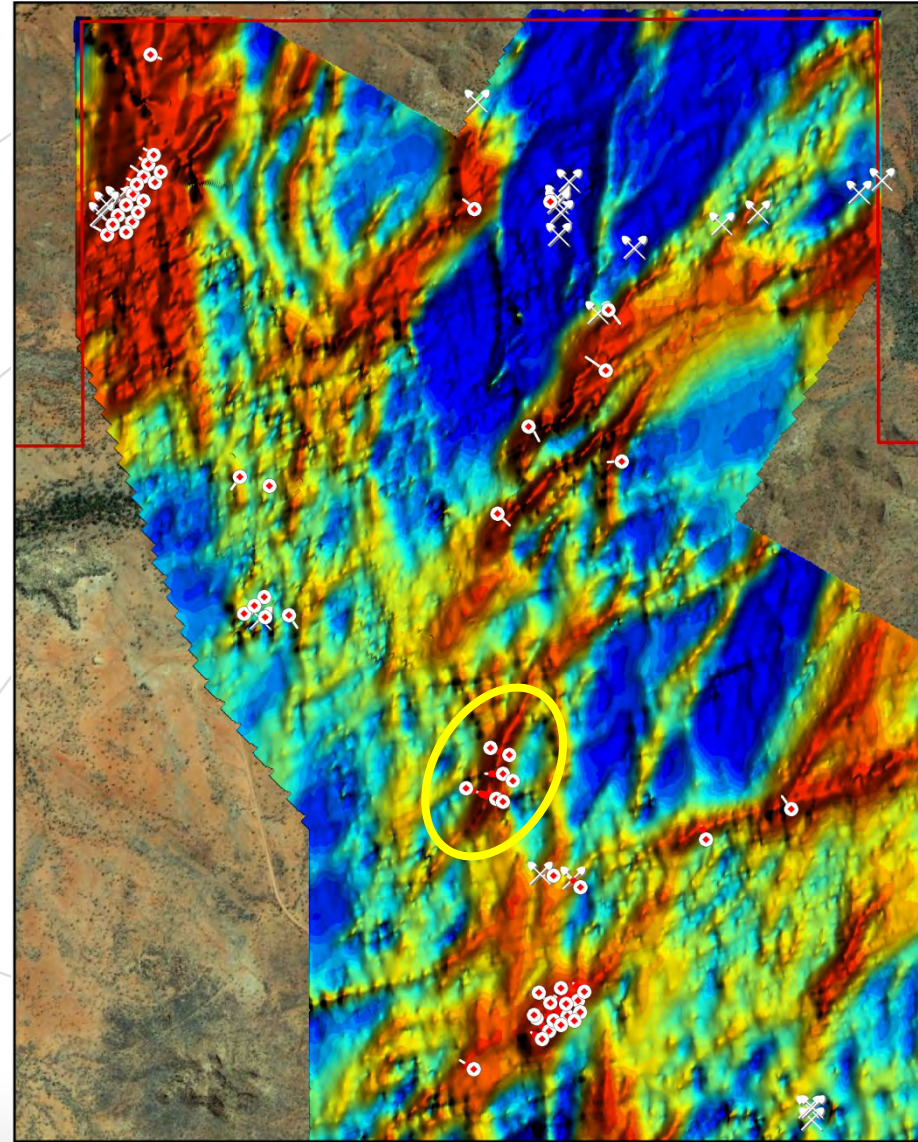


- Copper drill intersections consistently high in rare earth elements
- Plot of copper + cobalt (green) vs TREO (purple) shows coincidence of mineralisation styles
- Further assaying in progress



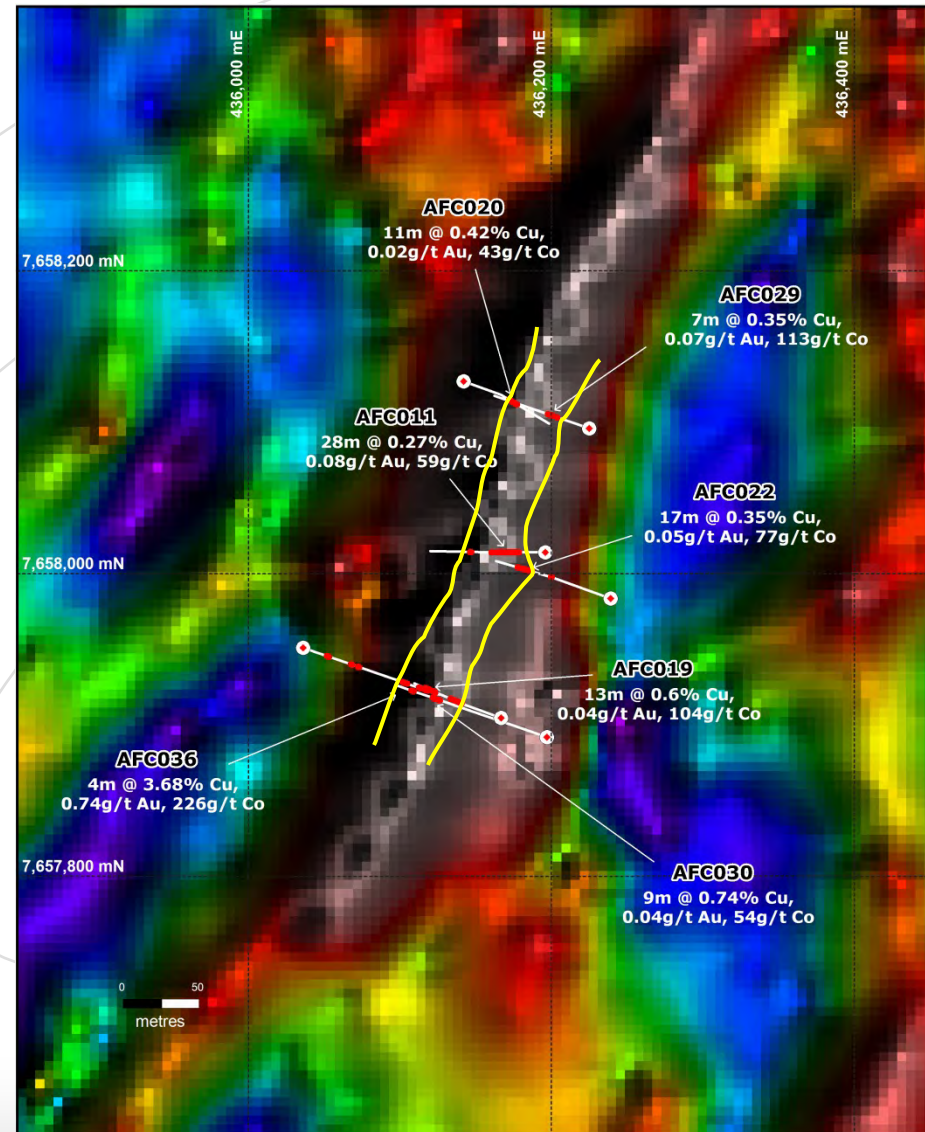
# Florence Bore South (FBS2)

- Mineralisation over 400m
- Deeper drilling shows sulphides with higher grades in primary zone
  - 4m @ 3.68% Cu, 0.74g/t Au, 226g/t Co



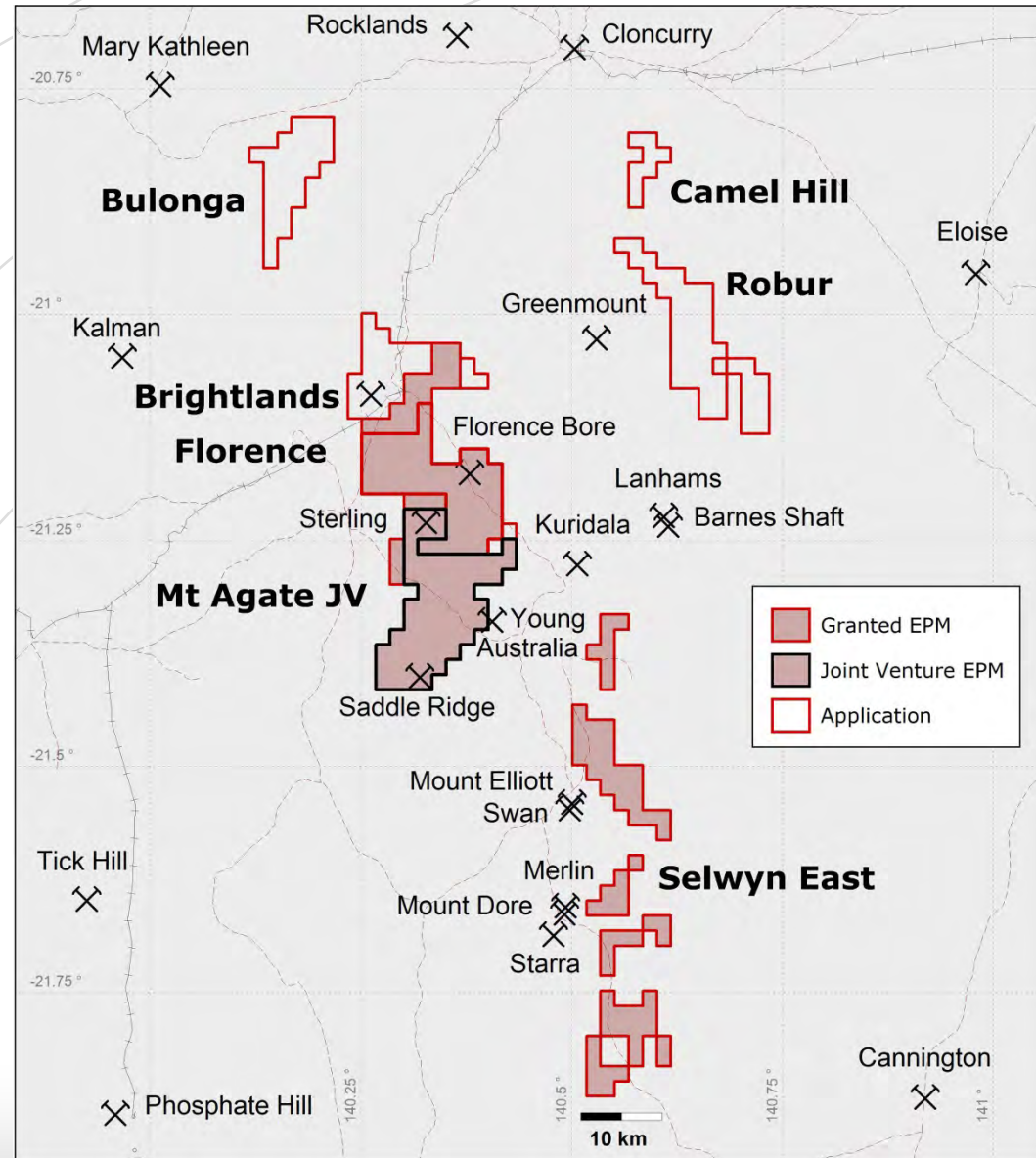
# Florence Bore South (FBS2)

- Mineralisation over 400m
- Deeper drilling shows sulphides with higher grades in primary zone
  - 4m @ 3.68% Cu, 0.74g/t Au, 226g/t Co
- Potential for third open pit
- More drilling required



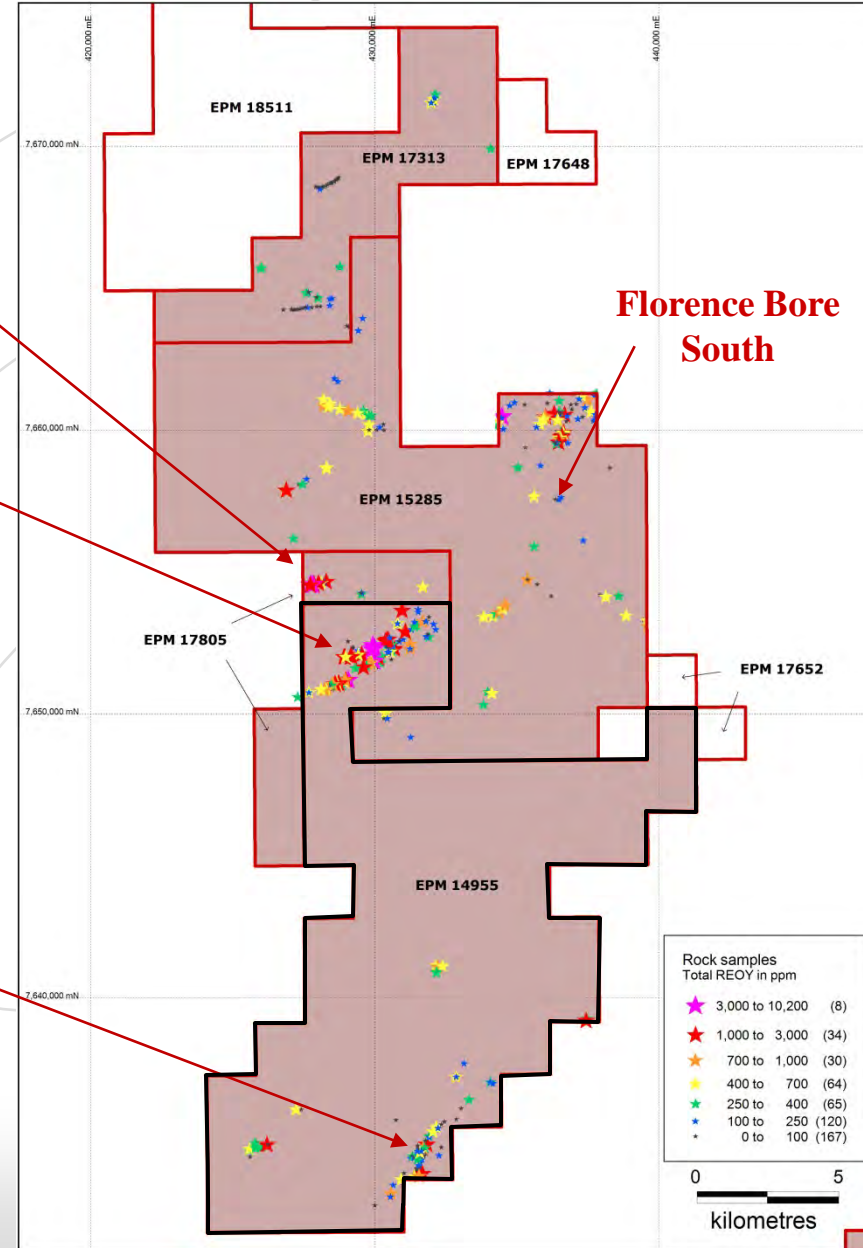
# Cloncurry District – AIV holdings

- Multiple holdings, 992 km<sup>2</sup>
  - Area has doubled in size
  - Granted area 636km<sup>2</sup>
  - Priority for grant 356km<sup>2</sup>
- Priority applications
- Mt Agate JV
- Selwyn East



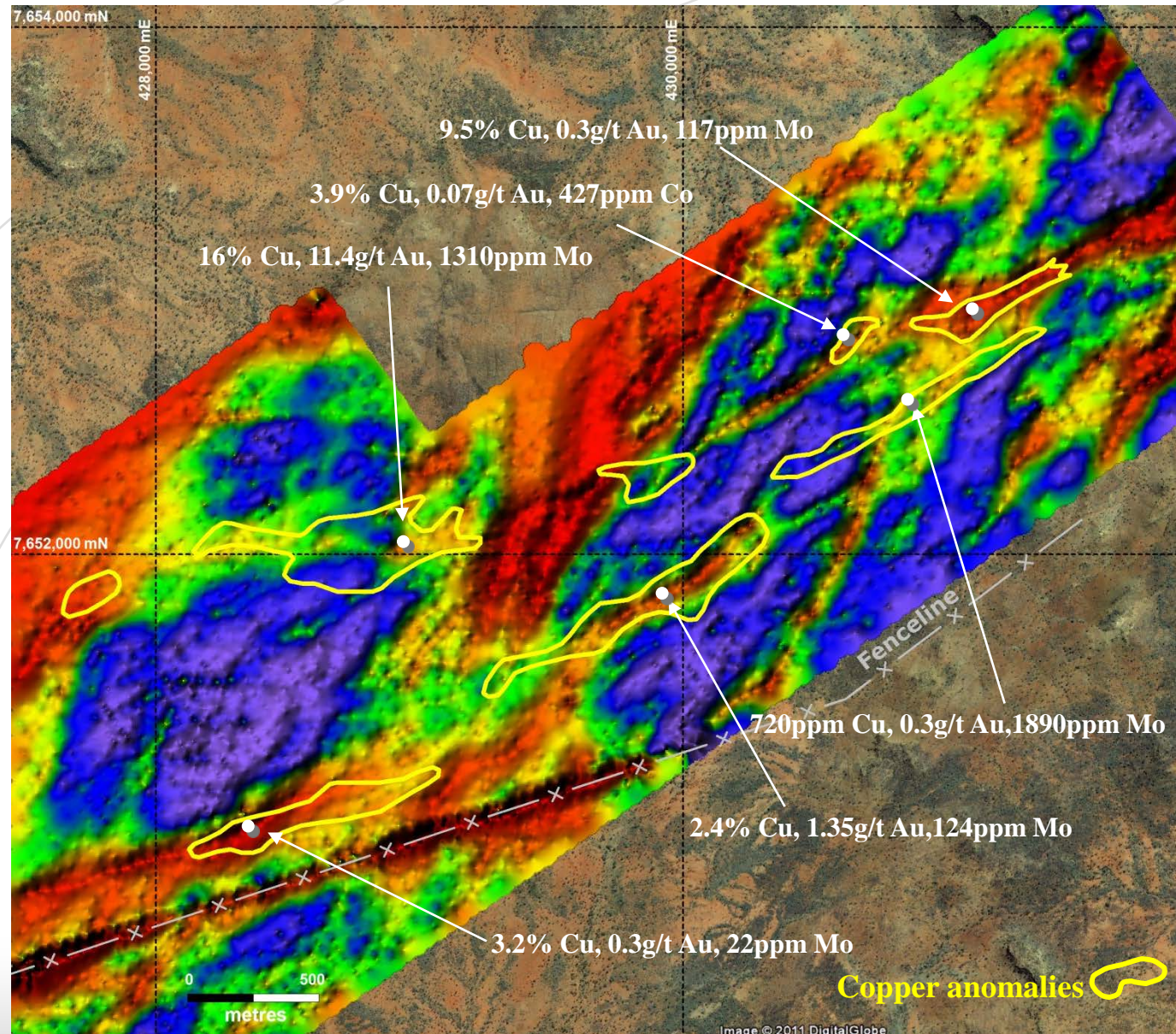
# Cloncurry District – AIV holdings

- Rare earth rock sampling
- Florence Flat up to 1% TREO
- Sterling – multiple high values up to 0.45% TREO
- Mt Agate JV (with CAP)
  - AIV earning up to 75% by spending \$750k
  - Saddle Ridge – geochem anomaly +5km long, 35m @ 0.85% Cu in earlier drilling
  - Sterling – recently awarded QLD Government drilling grant



# Mt Agate – Sterling Prospect

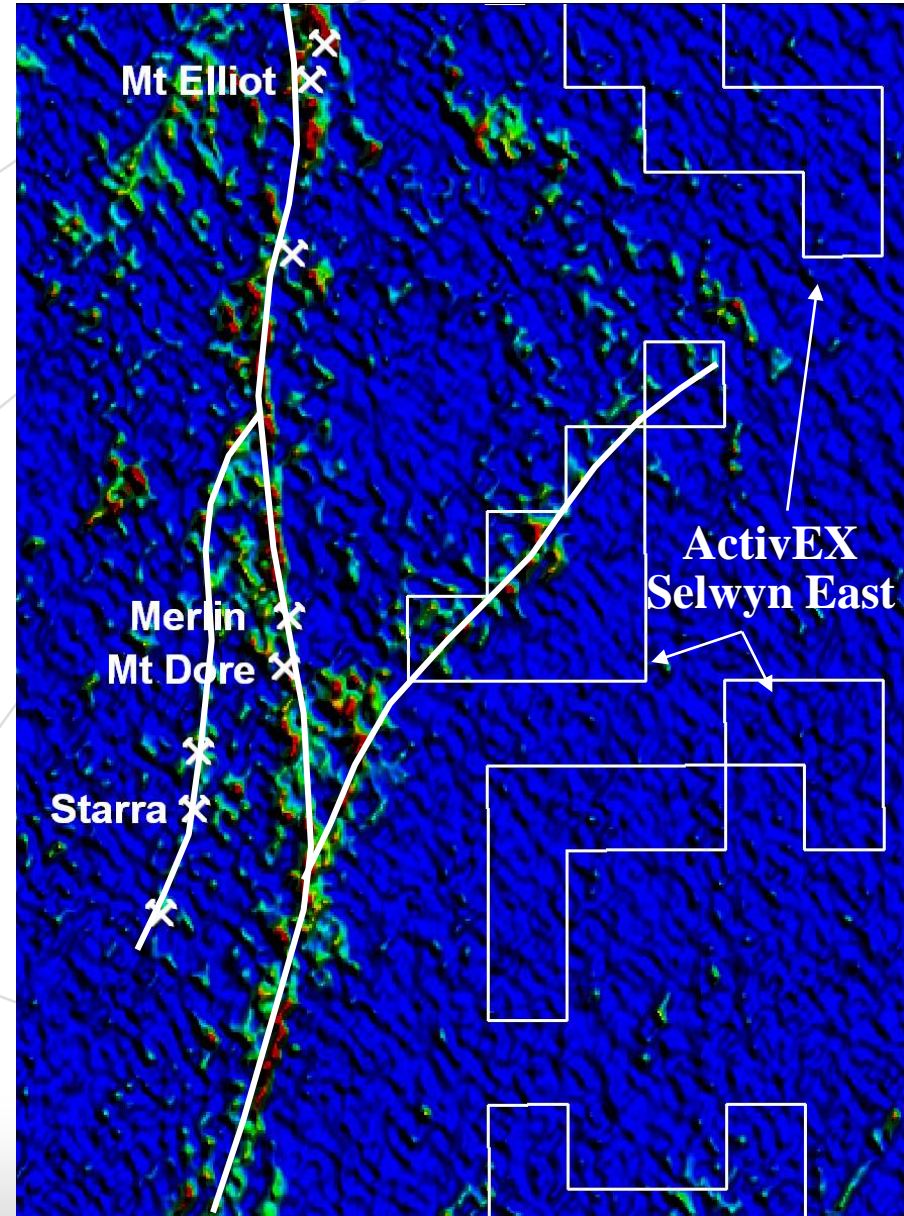
- IOCG target
- Granite breccias
- 4.5km long
- Copper-cobalt
- Gold
- Molybdenum
- Uranium
- REOs
- Ready to drill



# Selwyn East Project - work started

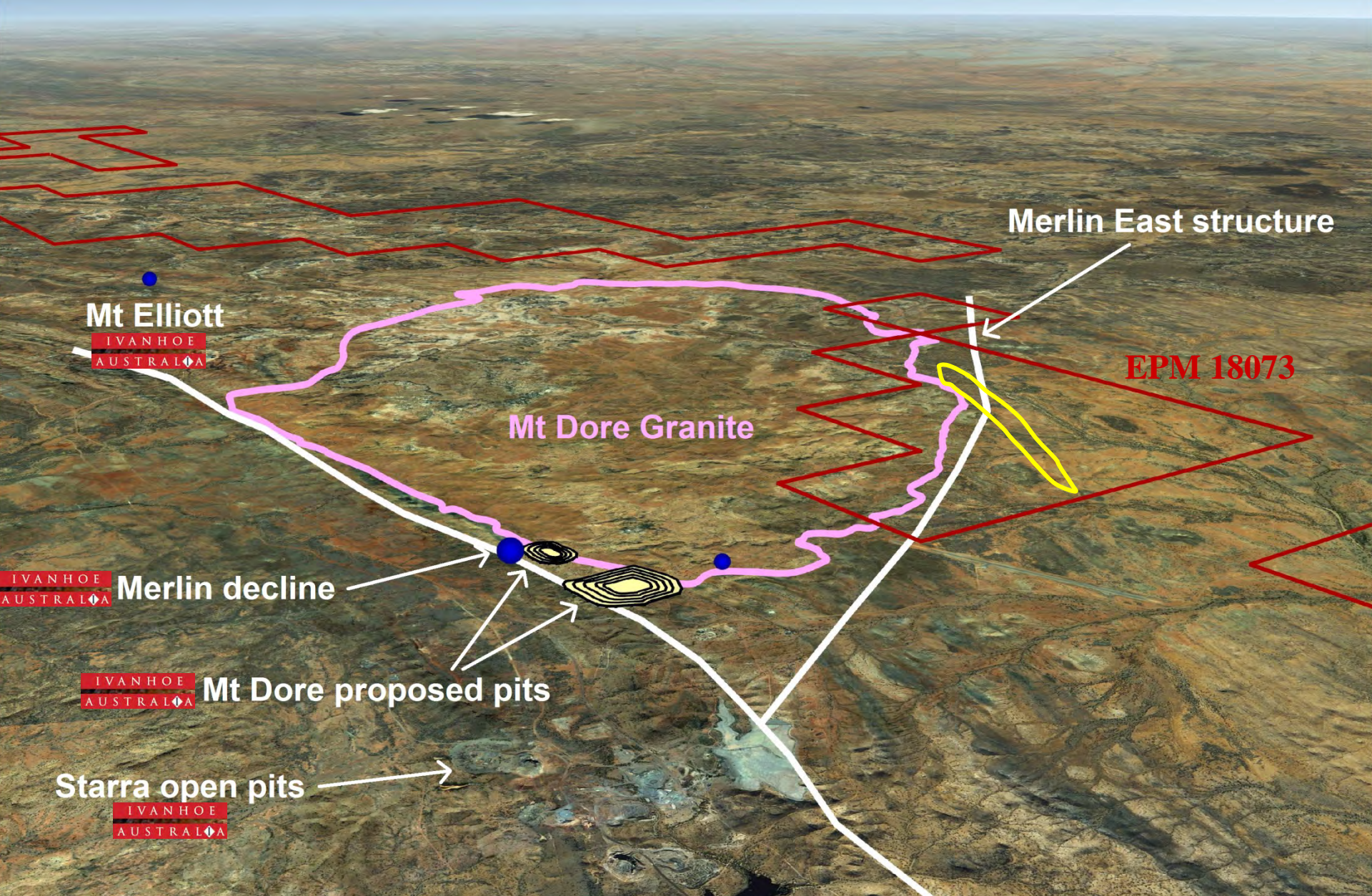


- AIV 100%
- EPM granted Sept 2010
- Radiometrics shows clear structures - related to Merlin-Mt Dore trend
- Structures splay into AIV ground
- Exploration commenced late 2011



radiometric image

# Selwyn East Project – great address



Mt Elliott

IVANHOE  
AUSTRALIA

Merlin East structure

EPM 18073

Mt Dore Granite

Merlin decline

IVANHOE  
AUSTRALIA

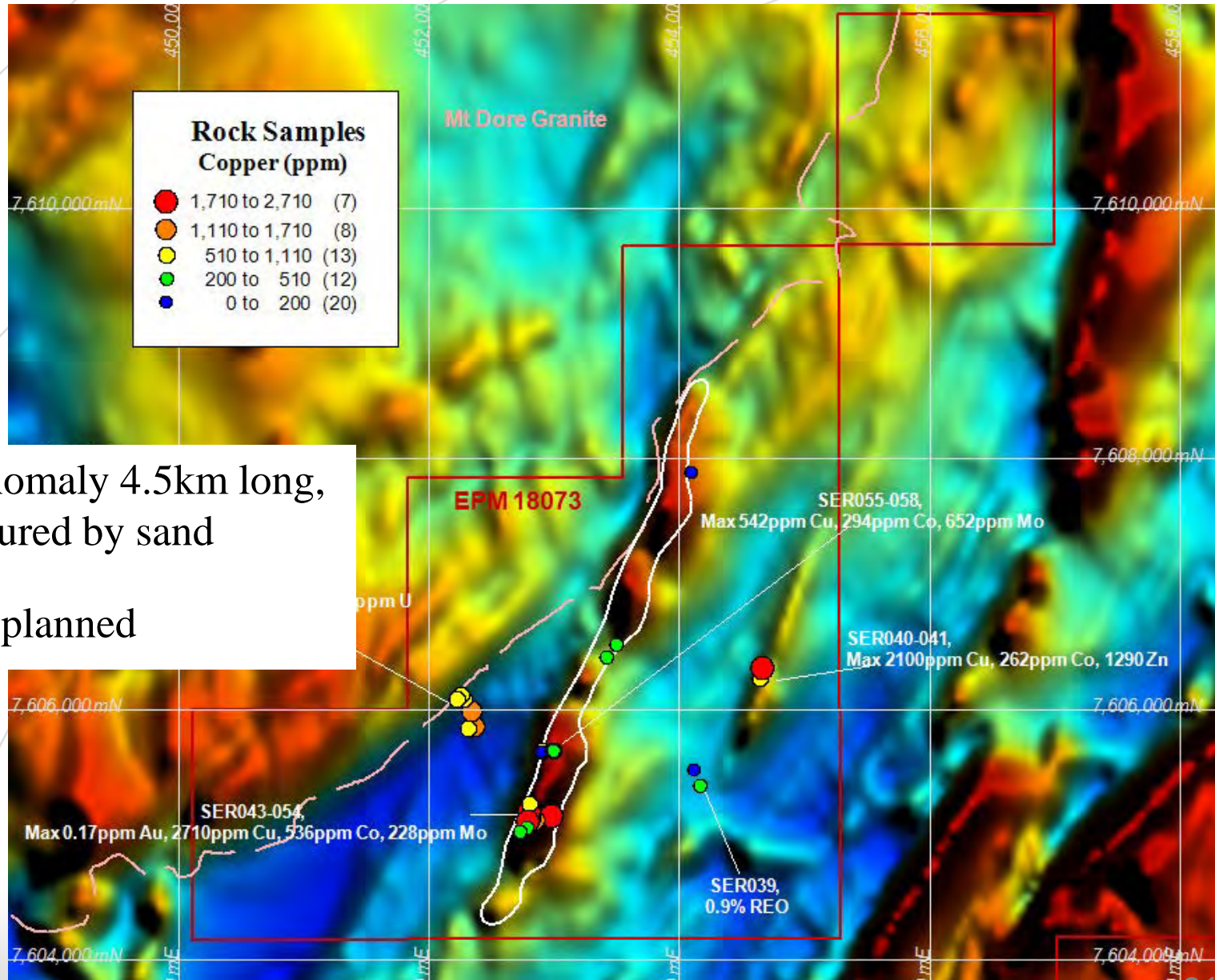
Mt Dore proposed pits

IVANHOE  
AUSTRALIA

Starra open pits

IVANHOE  
AUSTRALIA

# Heathrow Anomaly



- Magnetic anomaly 4.5km long, mostly obscured by sand
- Geophysics planned

aeromagnetic image

# Heathrow Gossans – new discovery



- Outcrop over 800m
- Anomalous values up to 0.27% copper, 536ppm cobalt, 0.17ppm gold, 652ppm molybdenum and 0.9% TREO

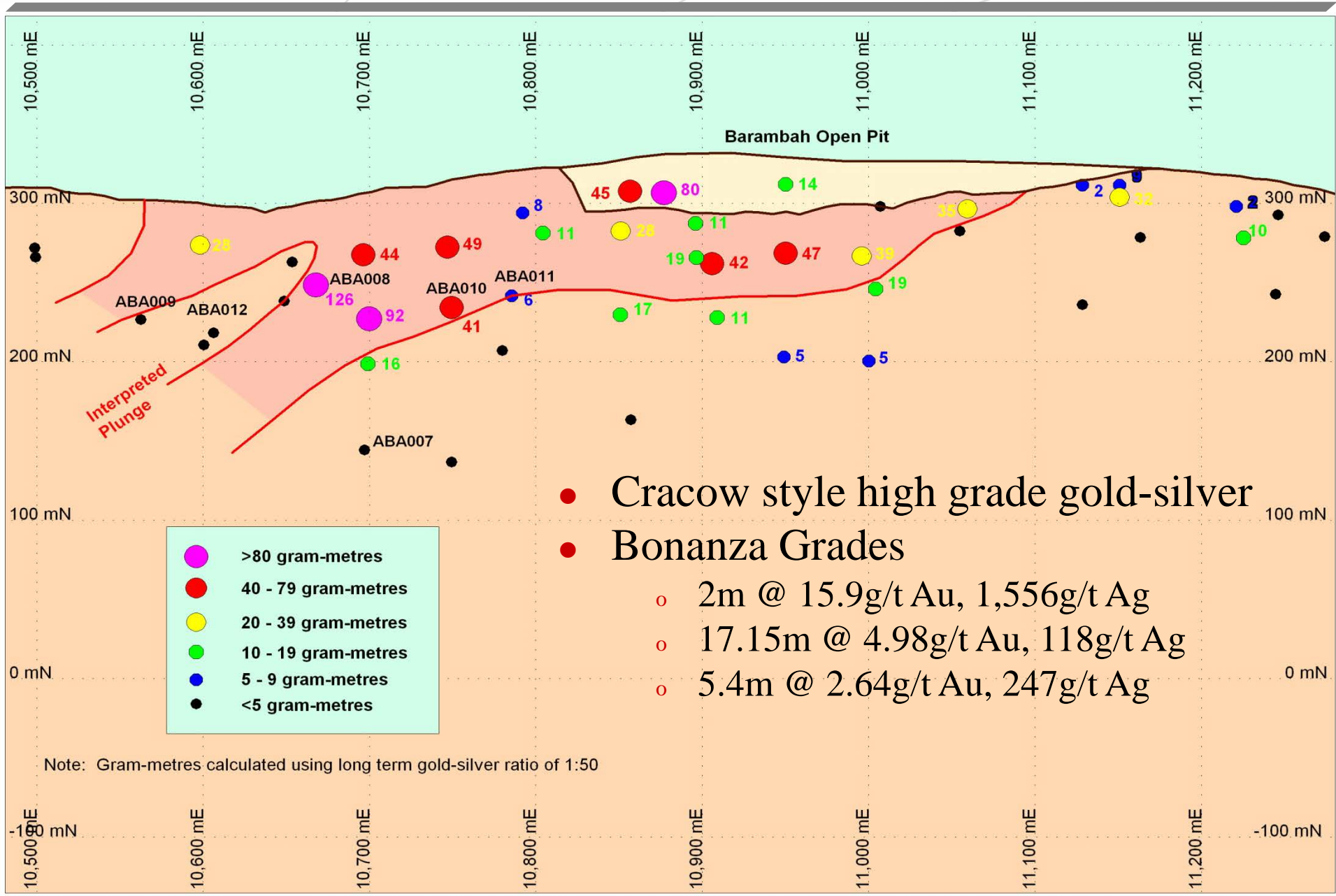


# ActivEX Projects - SEQ



**Barambah**

# Barambah Project



- Cracow style high grade gold-silver
- Bonanza Grades

- 2m @ 15.9g/t Au, 1,556g/t Ag
- 17.15m @ 4.98g/t Au, 118g/t Ag
- 5.4m @ 2.64g/t Au, 247g/t Ag

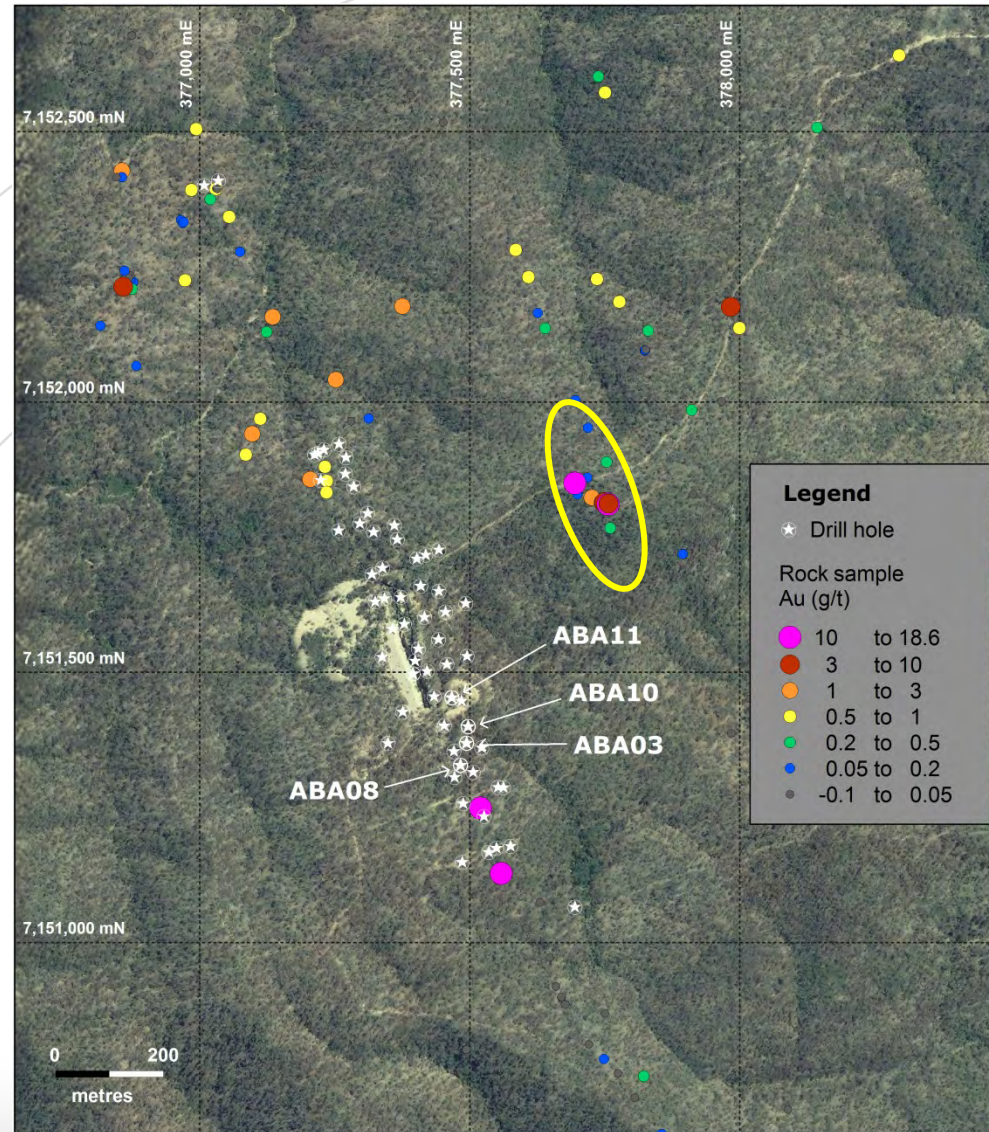
Note: Gram-metres calculated using long term gold-silver ratio of 1:50



# Barambah Project - new vein found



- Parallel vein system discovered outside tested area
- High grade gold-silver values
  - Up to 18.6g/t Au and 214g/t Ag
  - Detailed sampling in progress
- Possible drill target



# ActivEX Projects - SEQ



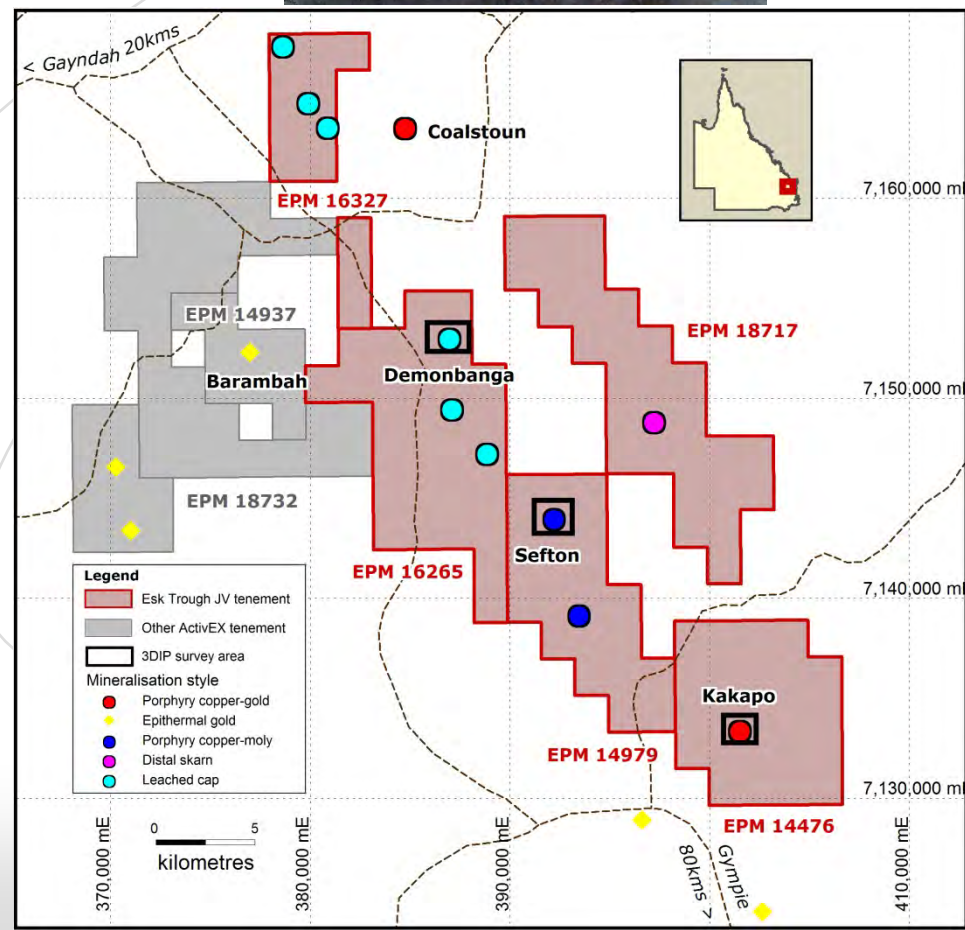
**Esk Trough**

# Esk Trough Joint Venture

ActivEX



- \$6M Coppermoly Joint Venture
  - COY spend \$3M to earn 51%
  - COY spend further \$3M to earn 70%
  - AIV claw back to 40%
  - COY minimum spend \$0.5M
- Targeting porphyry Cu-Au-Mo
  - Wide zones - 290m @ 0.13% Cu
  - Good grades - 88m @ 0.47% Cu, 0.49g/t Au
- 3DIP program in progress over three prospects
- Drilling in first half 2012



# Capital Structure

● Issued Capital		165,295,993
● Listed Options (exercise at \$0.08, 31-07-2012)		70,164,369
● Unlisted Options		3,900,000
● Market Cap (3-2012)		\$4M
● Key Holders	○ M Ruane (&Associates)	14%
	○ MD	7%
● Cash		\$0.9M

High: 0.124

0.120

0.100

0.080

0.060

0.040

0.020

Low: 0.025

Dec

Mar

Jun

Sep

Volume

30M

17.5M

One year Price/volume Graph

# Key Management and Board

- **Ian Daymond - Chairman**  
Commercial Lawyer, experience with WMC, Hunter Resources, Delta Gold as general counsel, NED Hill End Gold Limited, Honorary Consul for Botswana in NSW
- **Doug Young - Managing Director**  
Geologist, 30 years experience with North, Griffin Group incl 20 years as mineral and coal exploration consultant, AIG Councillor
- **Paul Crawford - Non Executive Director/ Company Secretary**  
Accountant, 30 years experience in technical and management roles in minerals, coal and petroleum industries, Company Sect Orocobre Limited, Elementos Limited



## Staff

- QLD - 4 geologists plus field/support crew, stable dedicated team

- Cloncurry – copper-gold-cobalt
  - Establish JORC Resources at Florence
  - Discover new zones of mineralisation near Florence
  - Convert Mt Agate and Selwyn East into Resource targets
  
- Barambah – gold-silver
  - Build on bonanza gold-silver grades
  - Test parallel vein system
  - Establish JORC Resources

- Building on outstanding exploration success
- Converting strategic ground position into potential copper and gold mines

## Thank you

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*The information in this presentation that relates to exploration results is based on information compiled by Mr D Young, who is a Fellow of the Australian Institute of Geoscientists and Ms J Hugenholtz both of whom are full time employees of ActivEX Limited. Mr Young and Ms Hugenholtz have sufficient experience relevant to the styles of mineralisation and types of deposit under consideration and the activities which they are undertaking to qualify as Competent Persons as defined by the Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves. Mr Young and Ms Hugenholtz consent to the inclusion of their names in this report and to the issue of this report in the form and context in which it appears.*

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