

# ActivEX

ActivEX Limited

*Investor Update  
June 2013  
Managing Director  
Doug Young*



ActivEX drilling, Florence Bore 2012

**Discovering new gold-copper resources**

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*The information in this presentation that relates to Exploration Results is based on information compiled by Mr Doug Young, who is a Fellow of the Australian Institute of Geoscientists, and Ms J. J. Hugenholtz, who is a Member of the Australian Institute of Geoscientists. Both Mr Young and Ms Hugenholtz are full-time employees of ActivEX Limited and have sufficient experience relevant to the styles of mineralisation and types of deposit under consideration and the activities being undertaken to qualify as a Competent Person as defined by the Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves (JORC Code).*

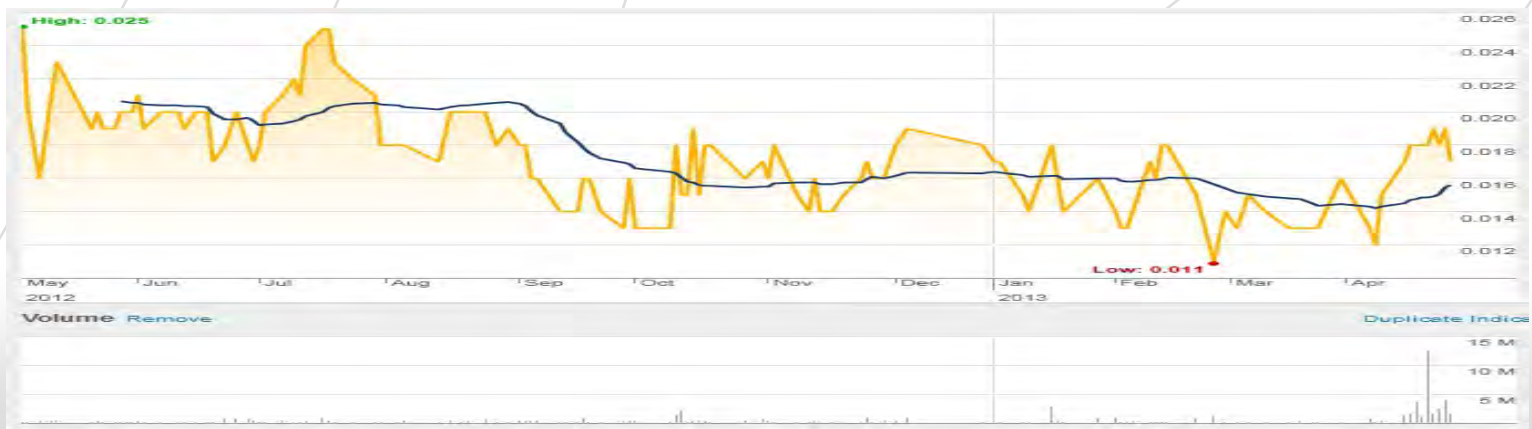
The Exploration Potential described in this Presentation is conceptual in nature, and there is insufficient information to establish whether further exploration will result in the determination of a Mineral Resource within the meaning of the JORC Code.

# Company Snapshot

**ActivEX**

- Issued Capital 357,022,846\*  
\* Includes 112M shares to be issued on or around 6 June pursuant to the Company's 3:5 entitlement issue at 1.2cents per share, which closed 28 May and raised \$1.3M
- Unlisted Options 3,950,000
- Market Cap (based on 1.5 cents per share) \$5.355M
- Key Holders
  - ASF Group Limited (28 May 2013) 25.5%
  - Elite Ray Investments Limited 12.7%
  - M Ruane (& Associates) 8.0%
  - Miss Dongmei Ye 6.7%
  - Doug Young 5.0%
- Cash (31 May 2013) \$1.5M

One year Price  
/volume Graph



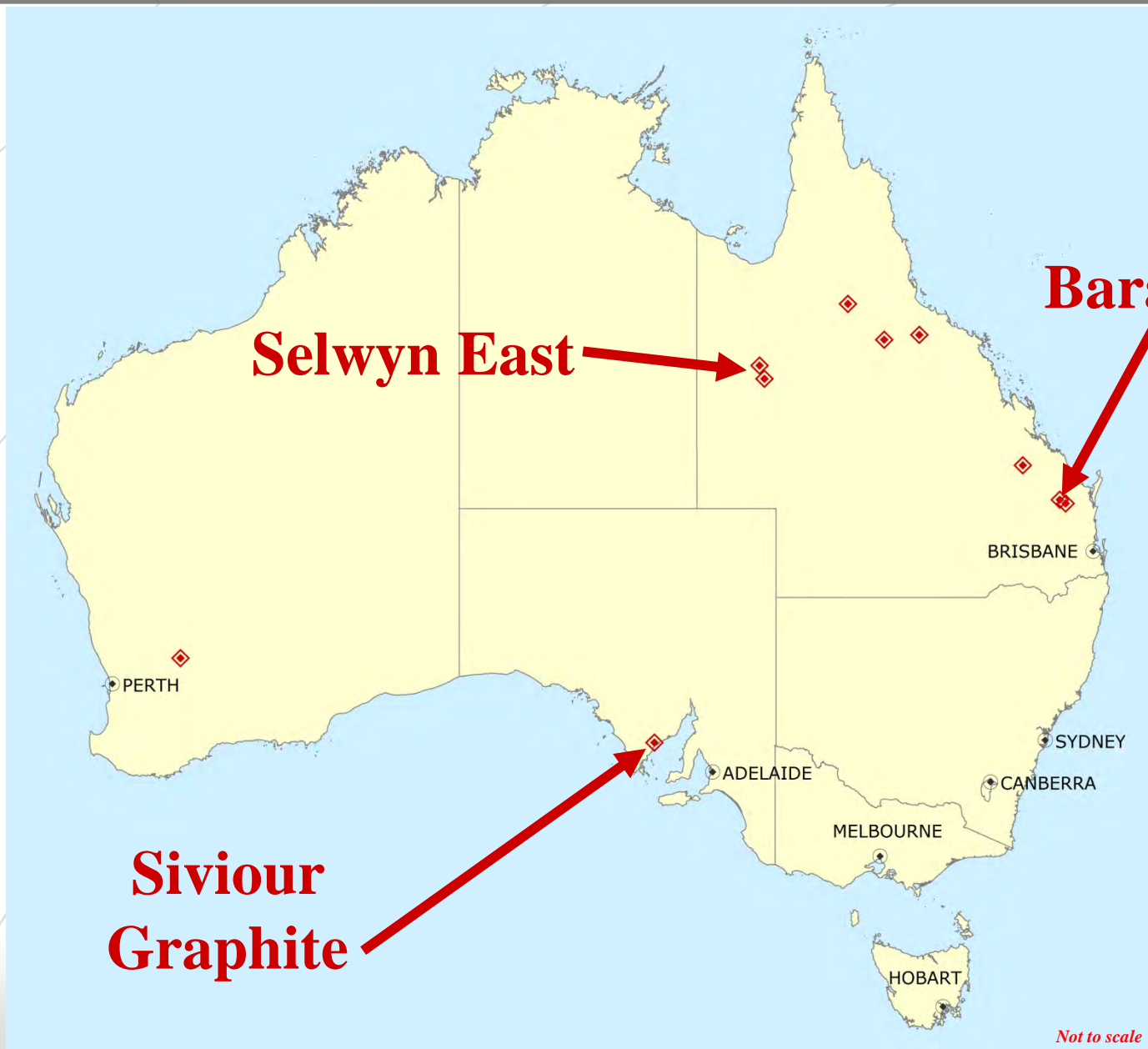
- On-market takeover bid from ASF Group (per share) 1.5 cents
- Applies to both current shares and Entitlement shares
- Equity value of the Company at the bid price \$5.355M
- Opening Date 28 May 2013
- Closing Date 28 June 2013

Non-associated Directors recommendation: Shareholders should **REJECT** the ASF Group Offer on the basis that:

- The Offer represents a significant discount to recent market trading in ActivEX shares;
- The Offer does not reflect the true value of assets held by ActivEX (assessed by an Independent Expert in the range of 1.5 to 3.0 cents per share with a preferred value of 2.5cents per share; and
- The Independent Expert has assessed the Offer as not fair

# ActivEX - Key Projects

**ActivEX**



*Not to scale*



- Barambah
  - drilling to test mineralised shoots at deeper levels (between 130 and 180m below surface)
  - exploration target of 12,000 – 112,000 ozs Au and 78,000 – 560,000 ozs Ag (60,000 – 115,000t @ 6 – 30g/t Au and 40 – 150g/t Ag) <sup>(1)</sup>
  - target is open at depth - possible discovery of additional Au-Ag mineralisation.
- Selwyn-East
  - drilling of coincident geochemical and geophysical anomalies in the coming months targeting copper-gold-molybdenum
- Siviour – graphite
  - drill test EM target
  - diamond drill for flake size
  - recovery tests

<sup>(1)</sup> Note: This Exploration Target is conceptual in nature and there has been insufficient exploration to define a Mineral Resource under the JORC Code and it is uncertain if further exploration will result in the determination of a Minerals Resource within the meaning of JORC.

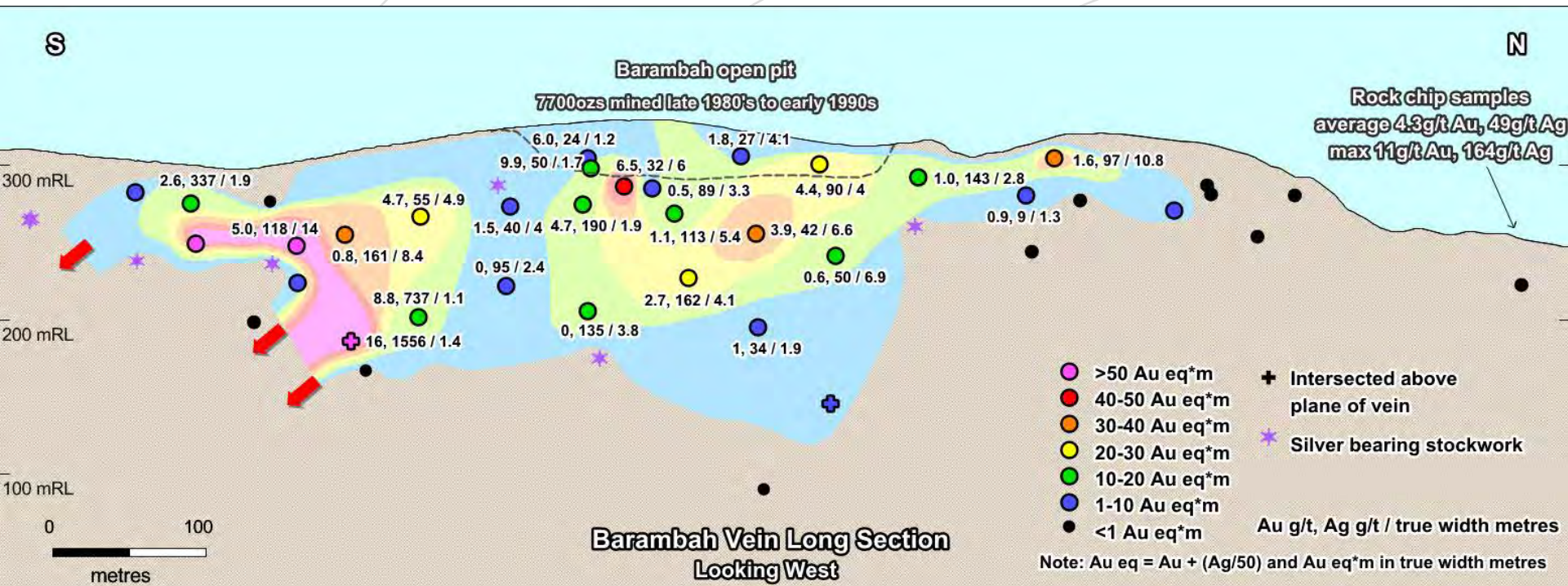
# ActivEX Projects - SEQ



**Barambah**

# Barambah Project – high grade gold/silver

**ActivEX**



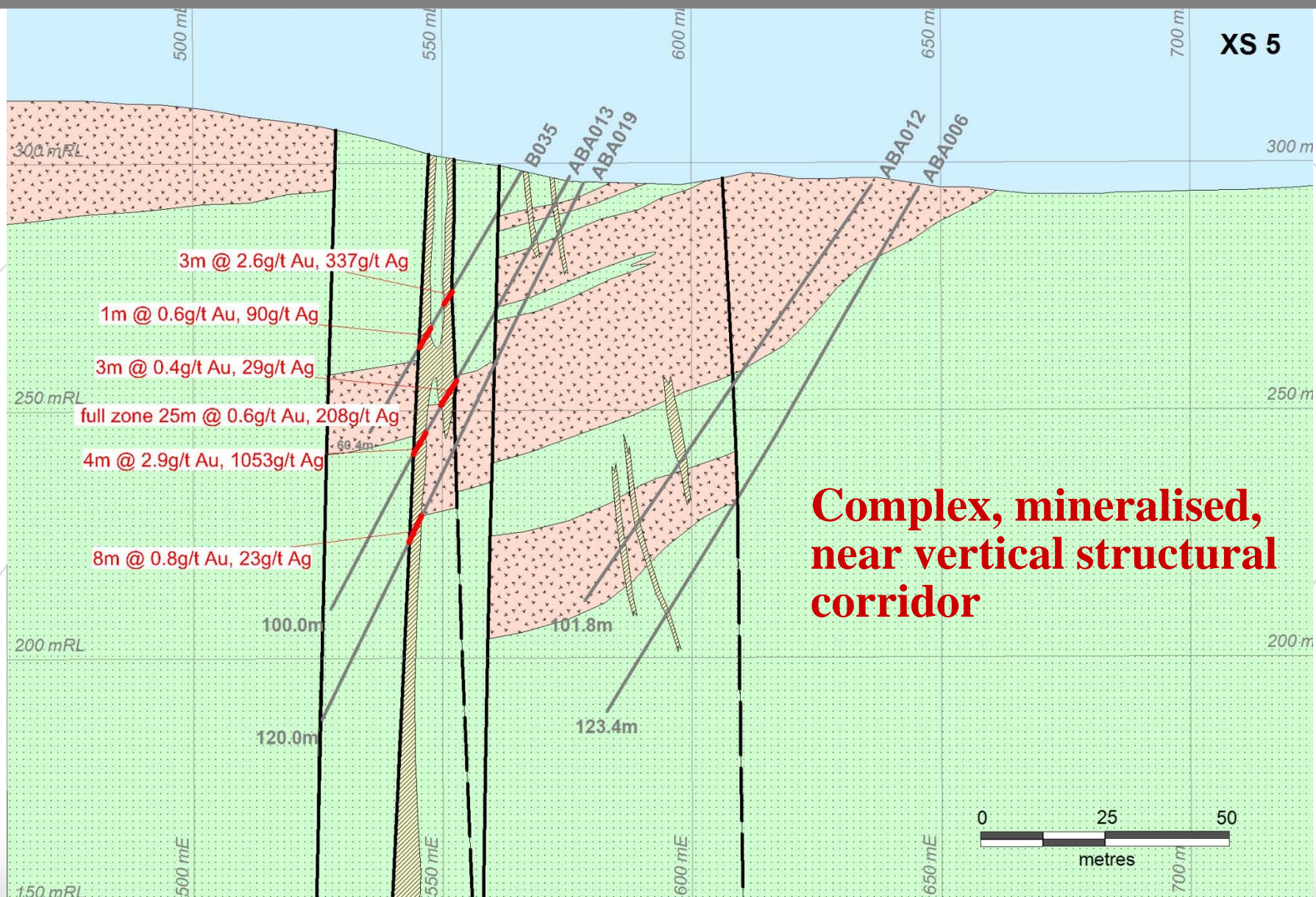
- AIV +75%
- Cracow style high grade gold-silver
- Bonanza grades
  - 2m @ 15.9g/t Au, 1,556g/t Ag
  - 17.15m @ 4.98g/t Au, 118g/t Ag
  - 5.4m @ 2.64g/t Au, 247g/t Ag
- Accessible from open pit or shallow underground
- Treatment options within 50km

Prepared by ActivEX, Feb 2013



# Barambah – cross sections

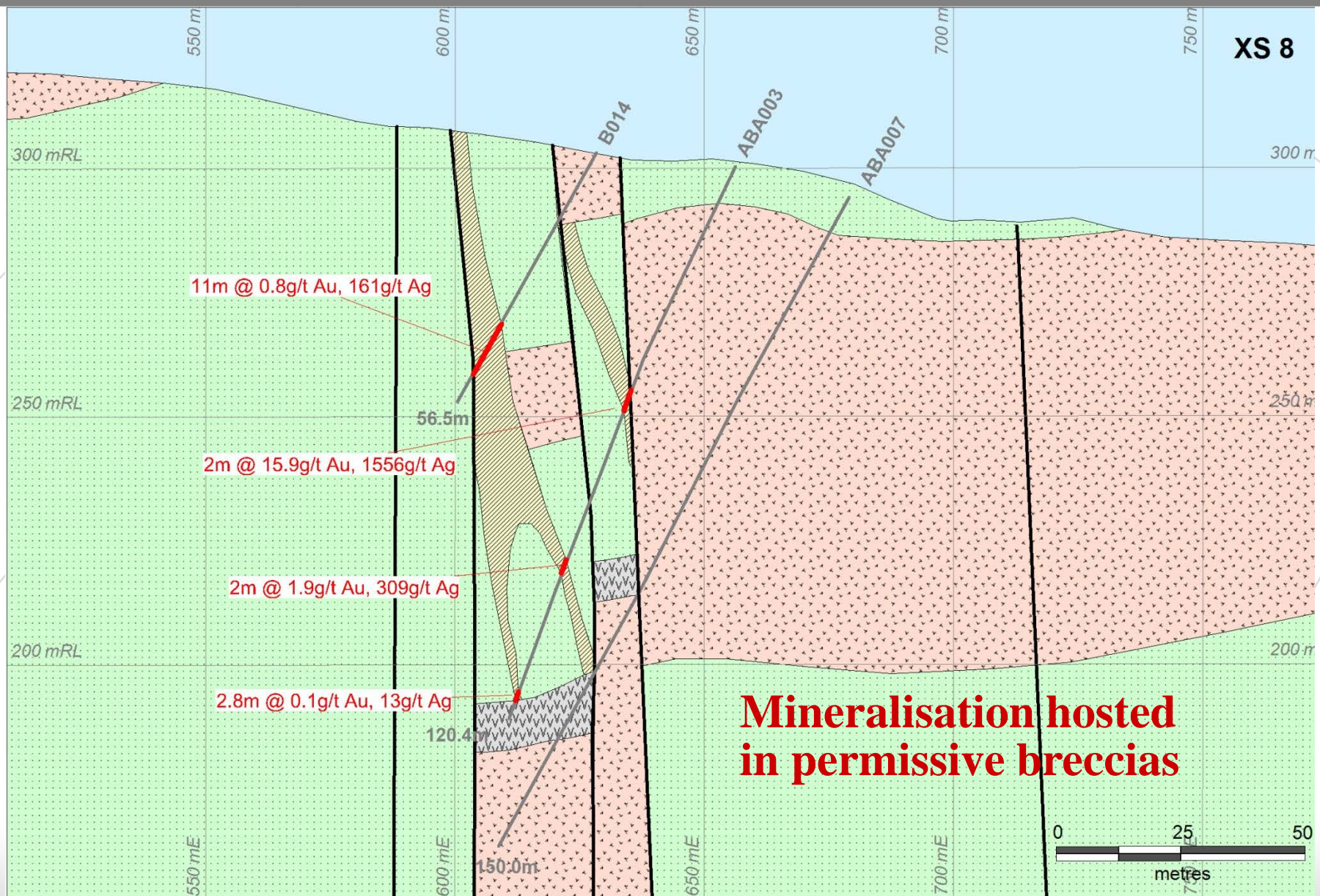
ActivEX





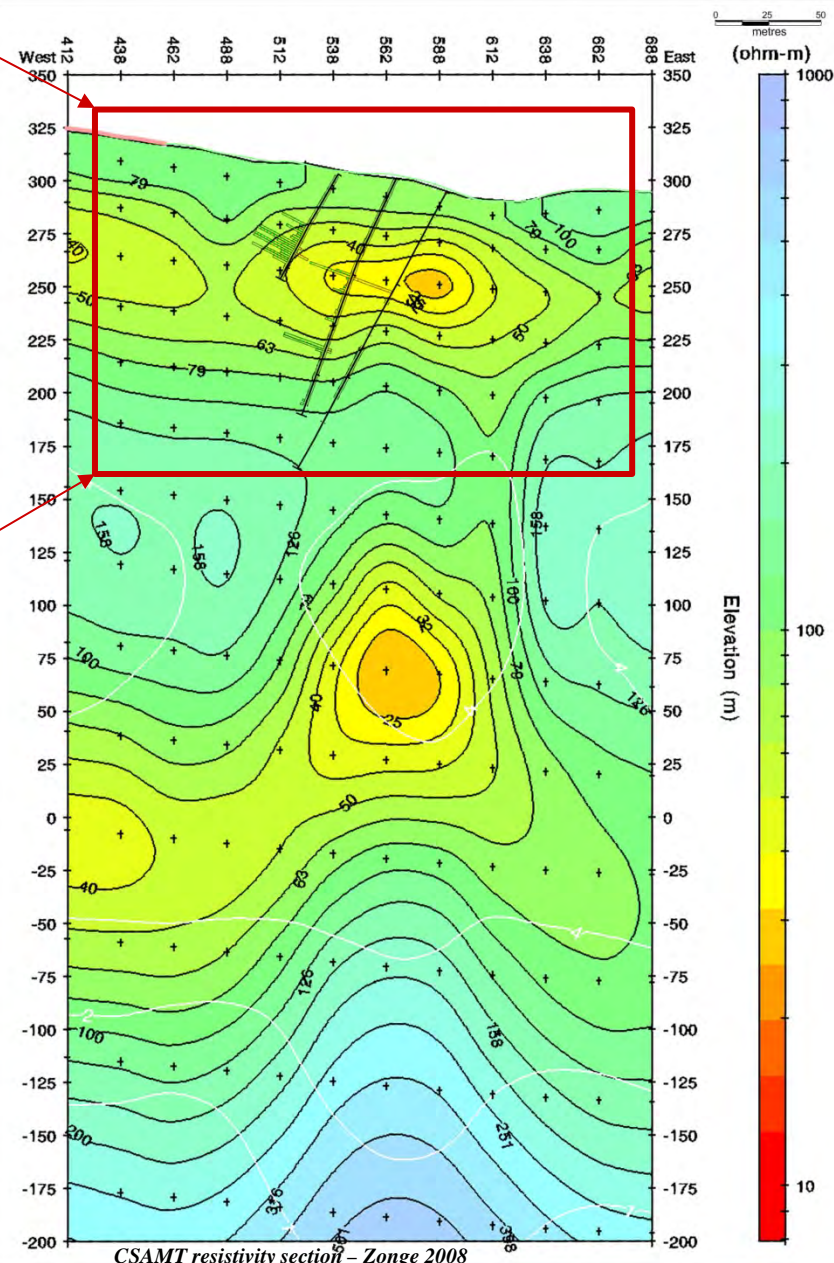
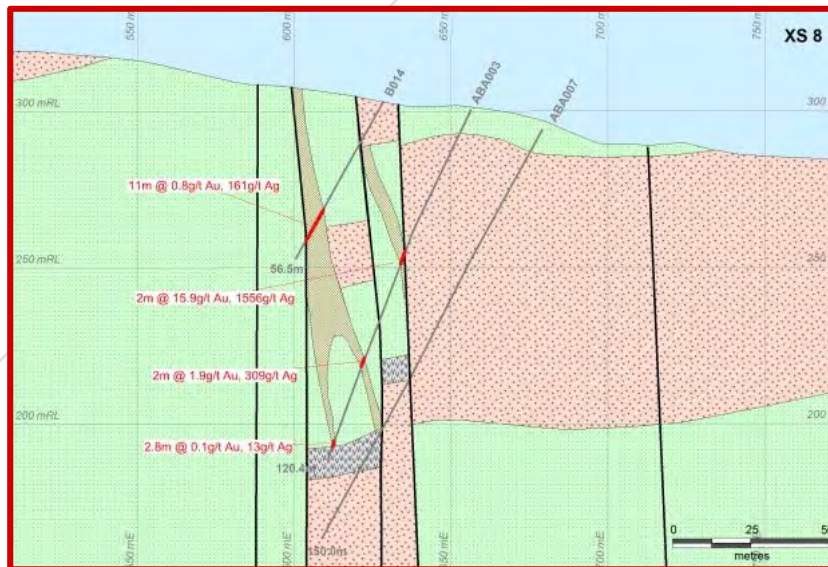
# Barambah – cross sections

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# Barambah – cross sections



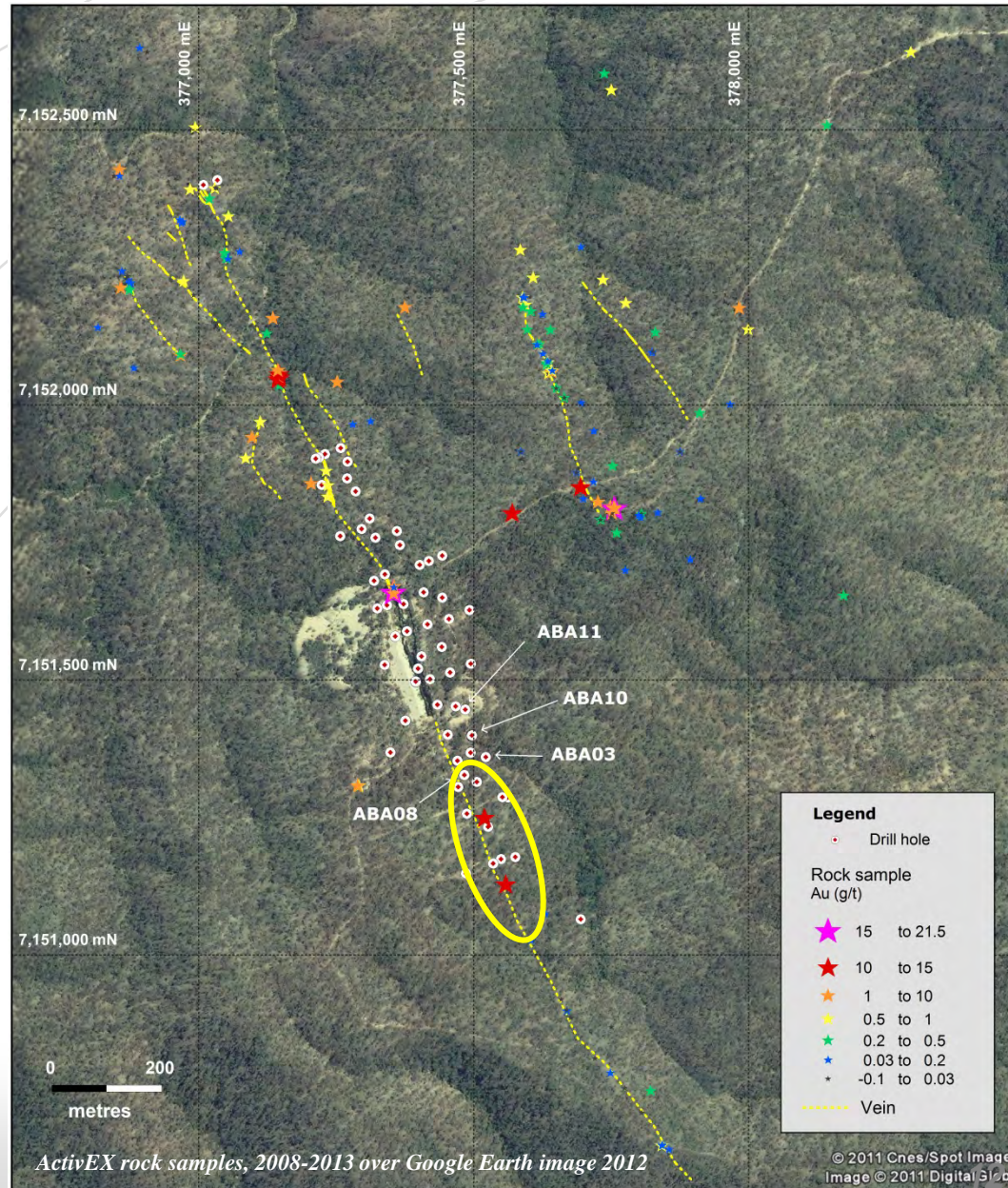
- Conductive zones associated with mineralisation related to alteration
- Conductive zones (yellow-orange) repeat at 275-300m depth
- Potential for additional mineralised shoots



# Barambah Project - new veins found



- Recently discovered parallel vein system discovered outside tested area
- High grade gold-silver values
  - up to 18.6g/t Au and 214g/t Ag
- North vein extension
  - up to 11.8g/t Au and 164g/t Ag
- Drill program planned
  - Main vein - down plunge

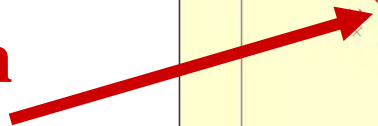




# ActivEX Projects - Cloncurry

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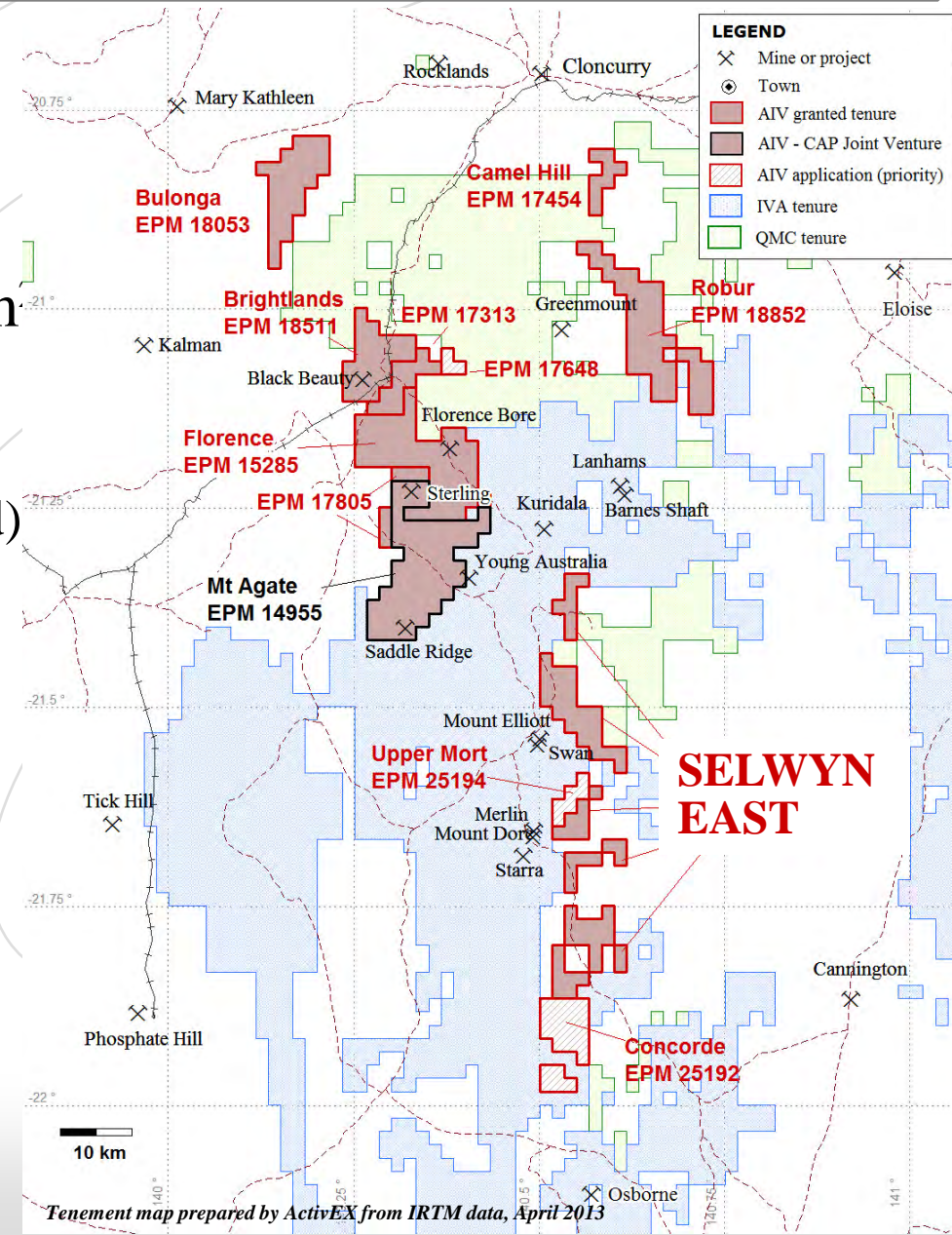
Selwyn  
East



# Cloncurry – significant holdings

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- World scale metals province
  - Resurgent neighbourhood
- Multiple quality holdings 1049km
  - Holdings doubled in size
- IOCG targets (iron oxide copper gold)
- New grants – new targets being generated
- Florence – key project
- Mt Agate JV – AIV earning in
- Selwyn East – great address

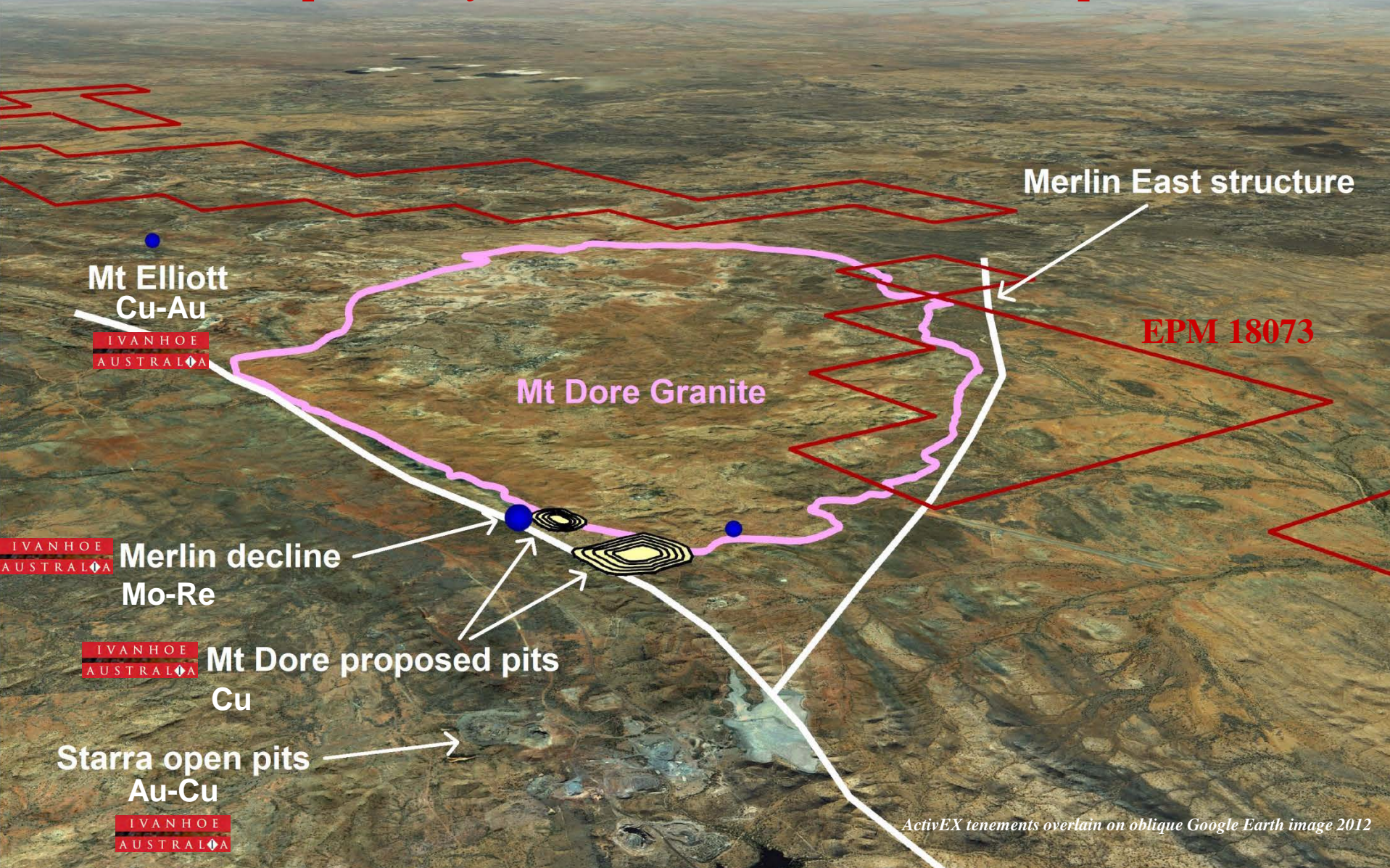




# Selwyn East Project – great address



*Close proximity to historical / new mine developments*





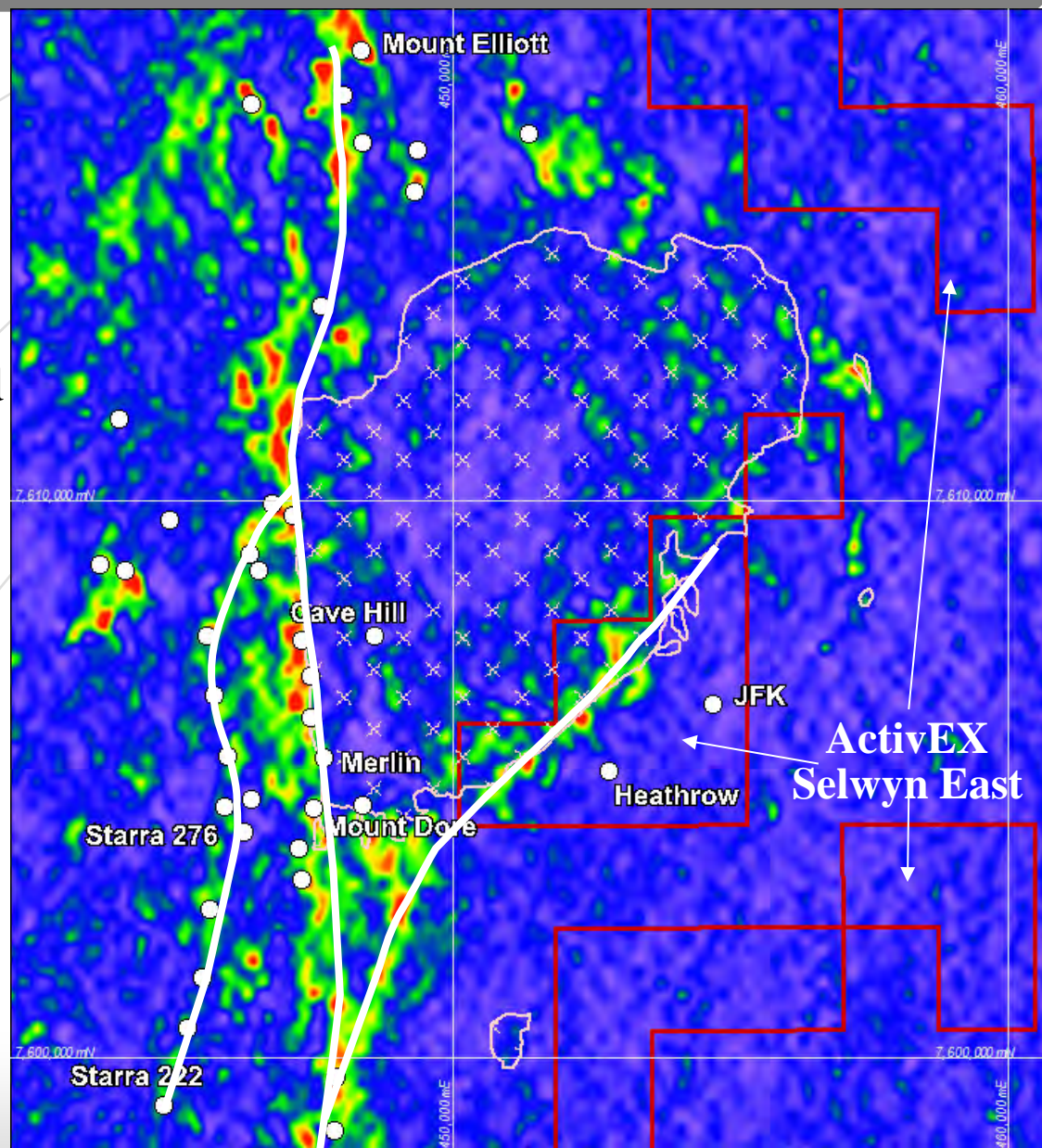
# Selwyn East – gossan discovery

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- AIV 100%, granted Sept 2011
- Radiometrics shows clear thrust structures - related to Merlin-Mt Dore trend
- Structures splay into AIV ground
- Heathrow Gossan discovery
- 2,700ppm Cu, 536ppm Co, 0.17ppm Au, 652ppm Mo, 9,000ppm TREO



Sulphide Gossan, Heathrow Prospect 2012

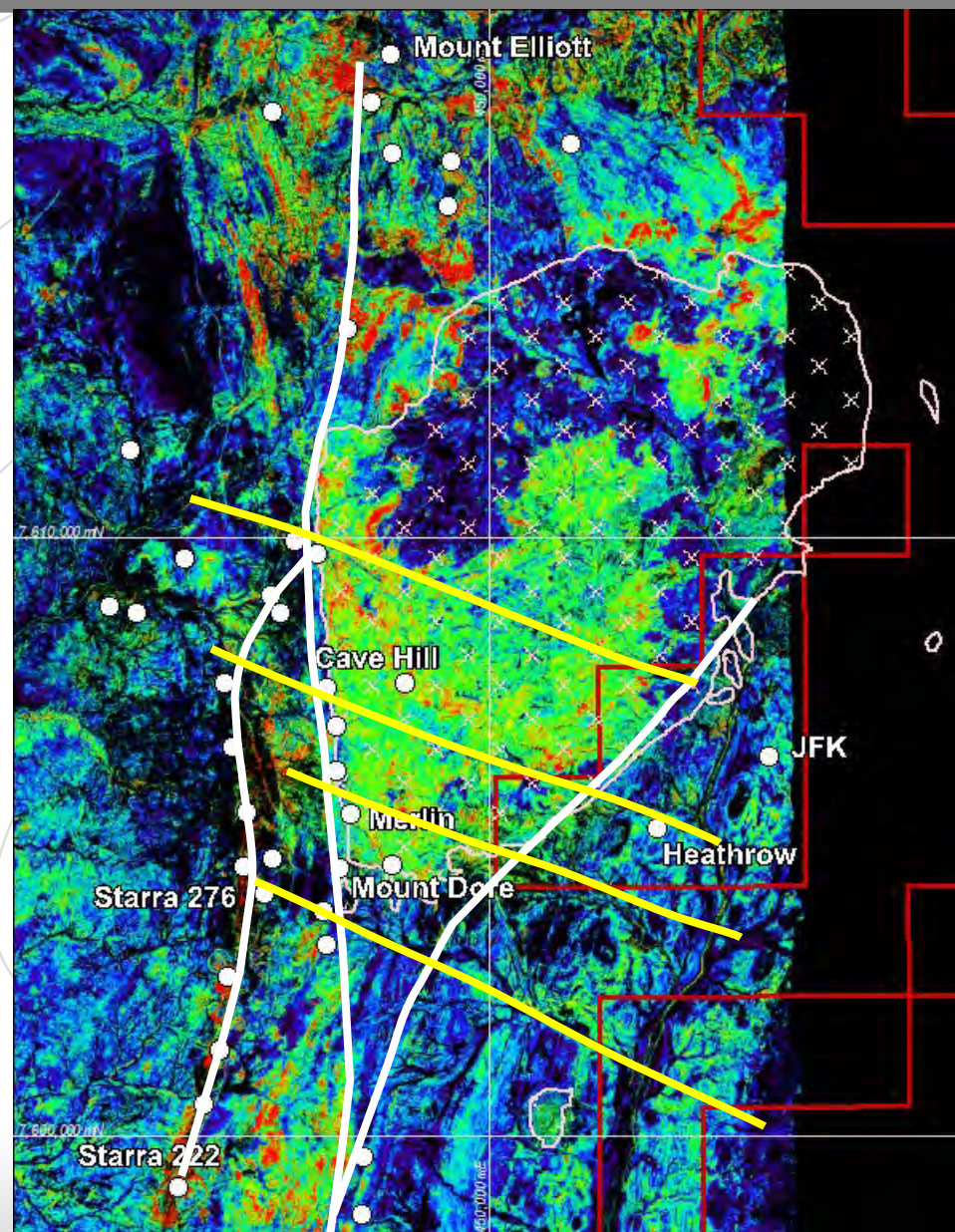


Radiometric image, uranium channel, MIM-GSQ surveys 2011



# Selwyn area – late stage fractures

- Hyperspectral data from QLD Mines Department and CSIRO
- Ferric oxide channel – defines major structures as for radiometrics
- Also shows late stage brittle (cross) fractures – potential conduits for mineralising fluids
- Molybdenum rich zone between Merlin and Cave Hill shows complex cross fractures
- Cross fractures – associated with Heathrow gossans



Hyperspectral image – Ferric Oxide Channel, CSIRO 2009



## ActivEX

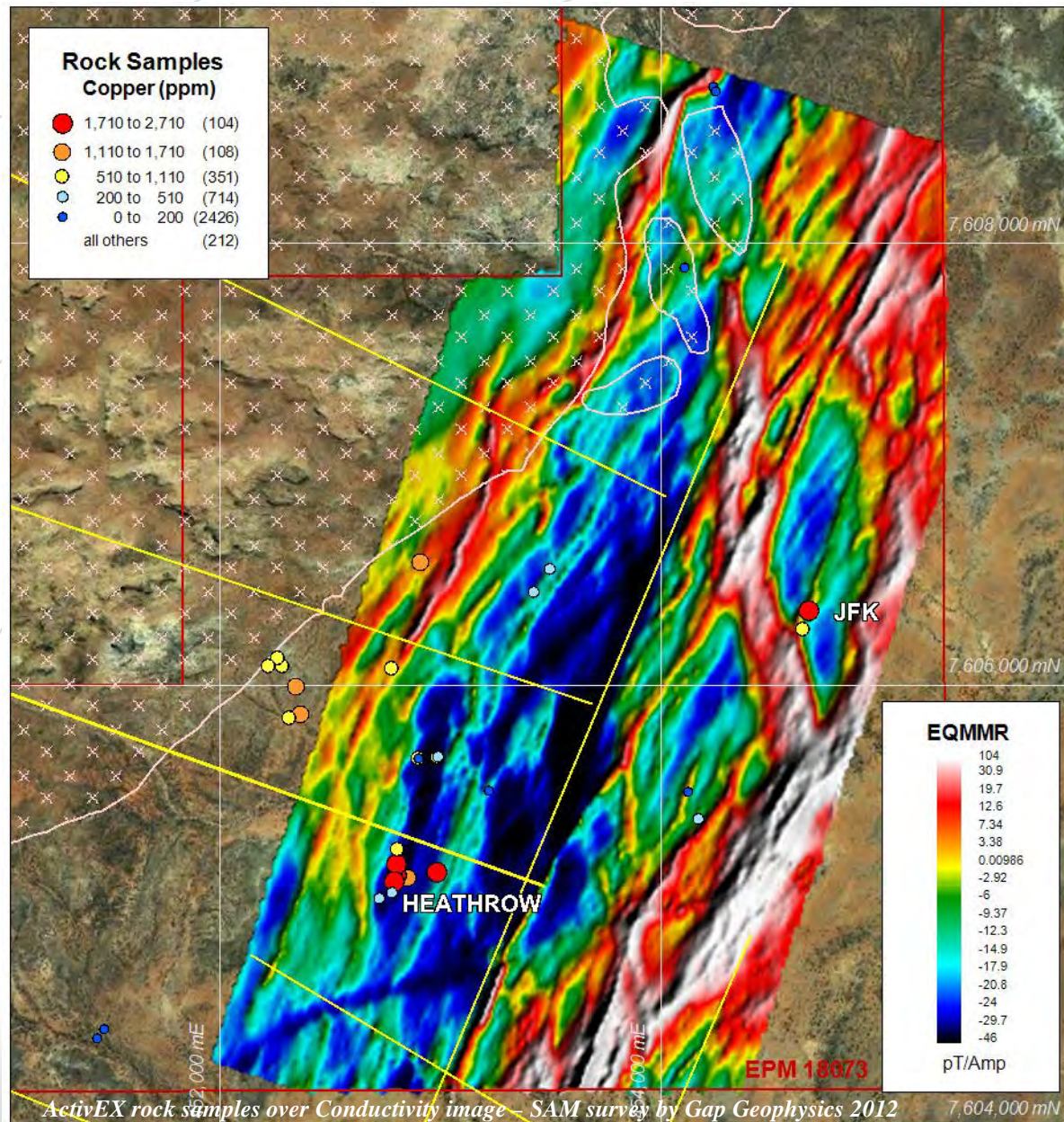
- 
- Rock Samples Copper (ppm)**
- |                |        |
|----------------|--------|
| 1,710 to 2,710 | (104)  |
| 1,110 to 1,710 | (108)  |
| 510 to 1,110   | (351)  |
| 200 to 510     | (714)  |
| 0 to 200       | (2426) |
| all others     | (212)  |
- TMIRTP**
- |        |
|--------|
| 57,400 |
| 51,500 |
| 51,200 |
| 51,100 |
| 51,100 |
| 51,100 |
| 51,000 |
| 51,000 |
| 51,000 |
| 51,000 |
| 50,900 |
| 50,900 |
| 50,900 |
| 50,900 |
| 50,900 |
| 50,800 |
| 50,200 |
- nT**
- HEATHROW**
- JFK**
- EPM 18073**
- ActivEX rock samples over Ground magnetic image – SAM survey by Gap Geophysics 2012**



# Heathrow (SAM) Conductivity

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- Strong resistive zone (blue) related to Heathrow gossans
- Significant conductivity anomaly (white) – main section 1400 metres long, up to 250 metres wide
- Conductivity anomaly adjacent to granite contact (Merlin position)
- Conductive anomalies completely covered by sands
- Conductivity shows linking between parallel structures – possible thrust fault system

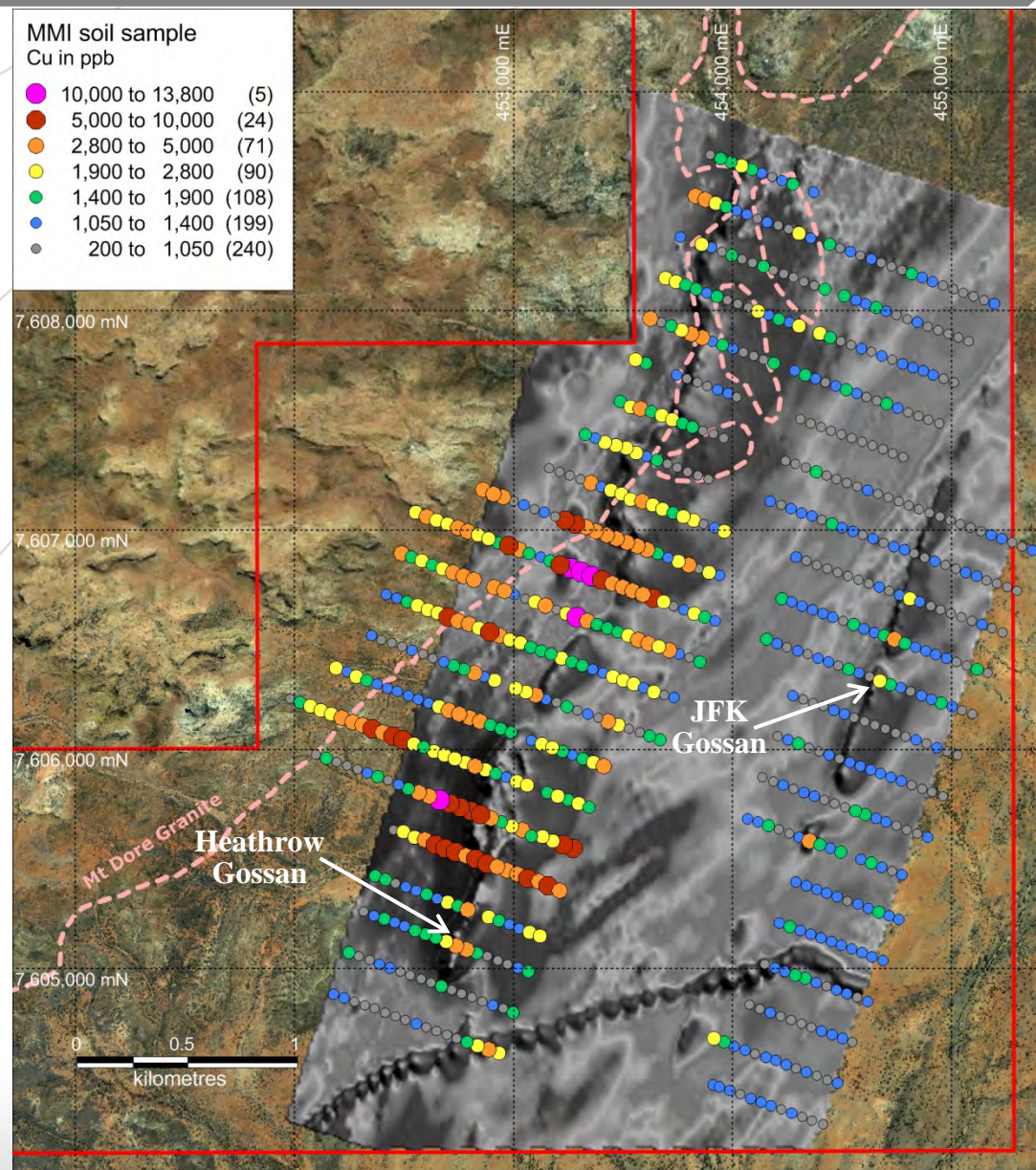




# Heathrow (MMI) Copper

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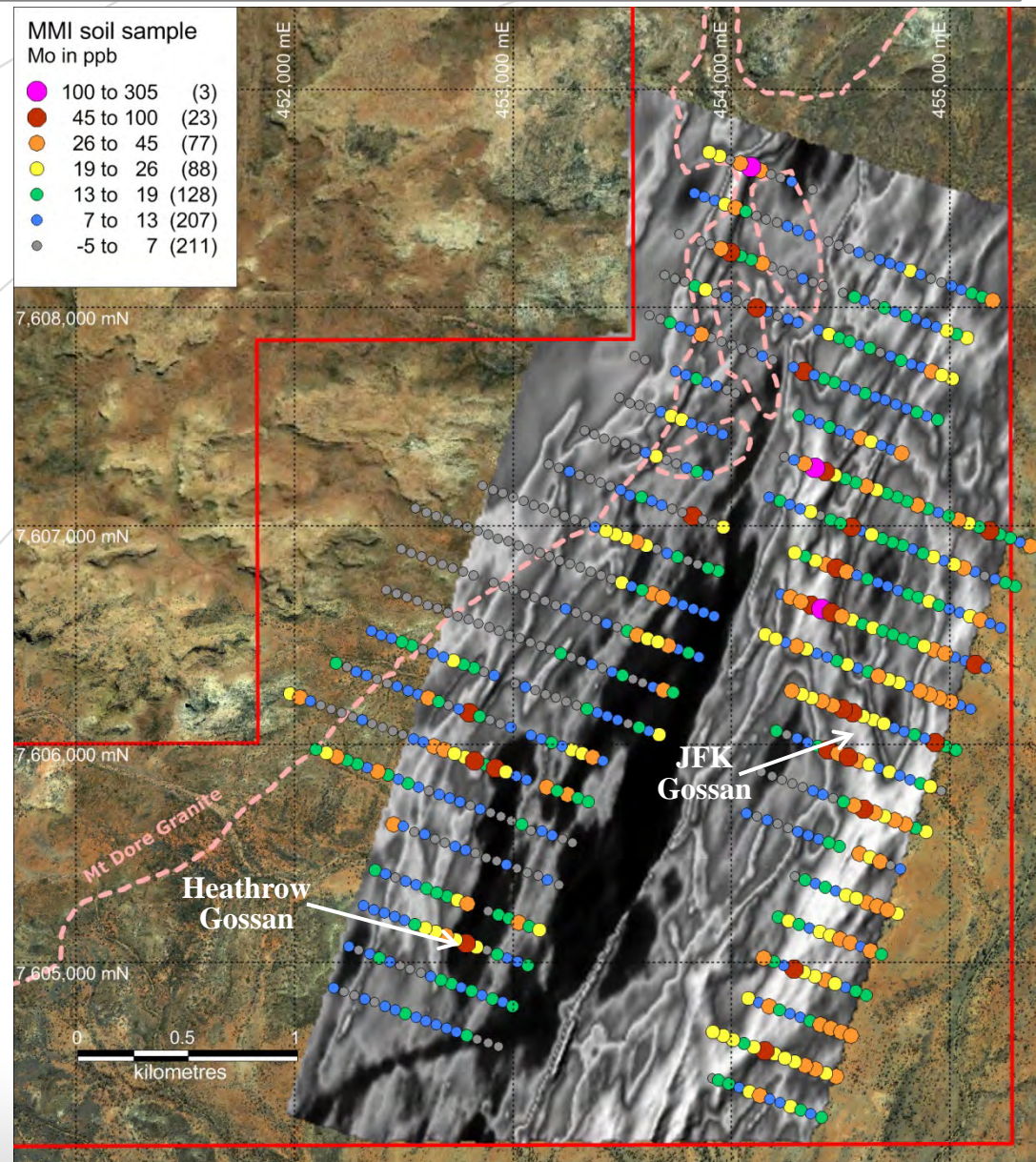
- MMI soil geochemistry program
- Coincident copper, gold rare earths and uranium over Heathrow Gossans
- Extends 2 kilometres north associated with zone between granite and dolerite (magnetic anomaly)
- Weaker copper anomalies over JFK gossans





# Heathrow (MMI) Molybdenum

- Strong molybdenum anomalies over buried conductors
- Cadmium content suggests main conductors are black shale
- Molybdenum anomalies associated with linking faults
- Ready to drill





# Eyre Peninsula Graphite Province

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- Potential world scale graphite province
  - The Pilbara of Graphite
  - Active exploration in area
  - Resources being defined
- AIV option to acquire multiple holdings by corporate ownership
  - 1371km<sup>2</sup>
  - Three ELs
- Attractive logistics/infrastructure
  - Bitumen highway
  - Power supply
  - Established population
- Significant new developments in area
  - Port Spencer development

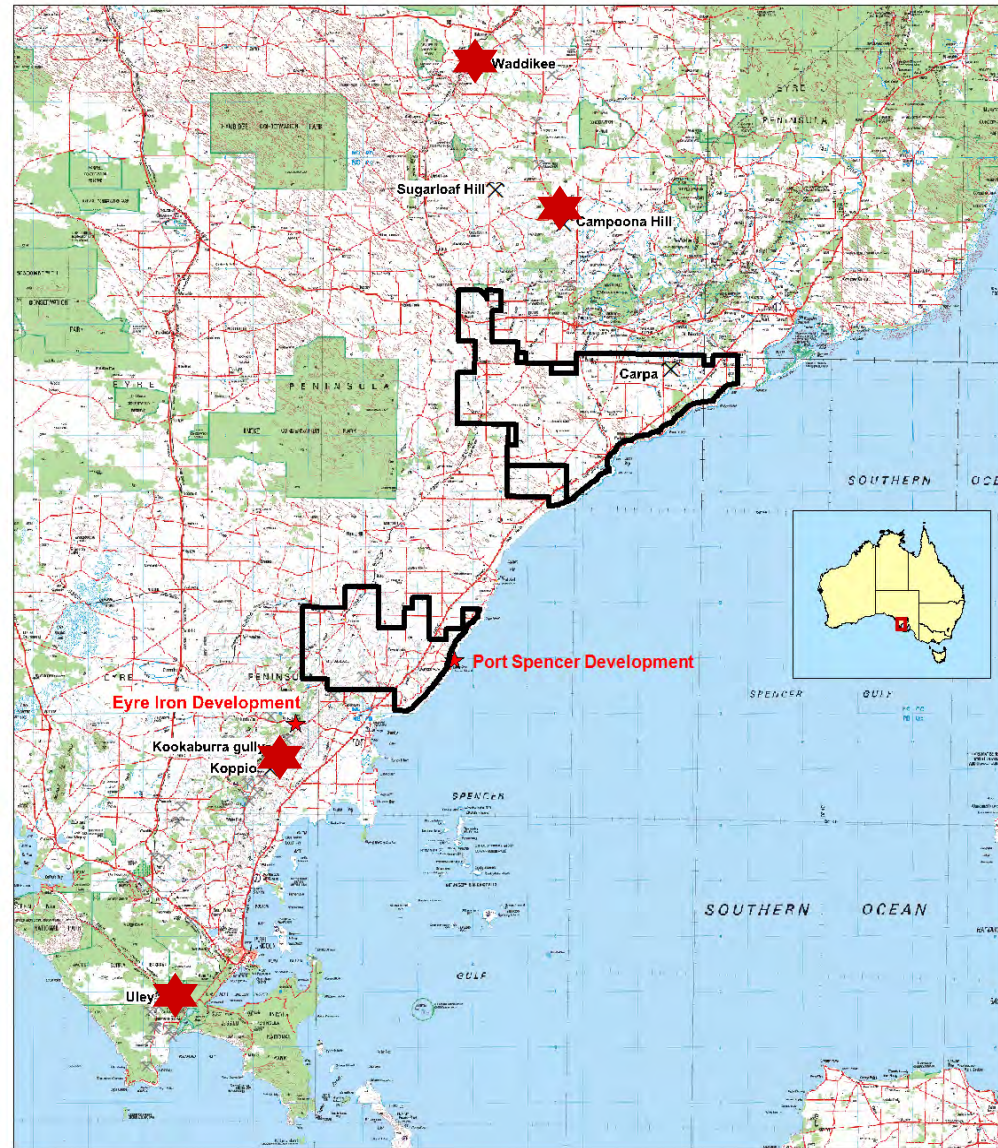


Google Earth image 2013



# Graphite Competitors

- Monax Mining - Waddikee
  - Exploration stage
  - 13.6% TGC in rocks
- Archer Exploration - Campoona
  - Resources established
  - 2.6M tonnes @ 12.3% TGC
  - Excellent recoveries
- Lincoln Minerals - Koppio
  - Resources recently established
  - 2.25M tonnes @ 15% TGC
  - Scoping studies completed
- Megagraphite – Uley
  - Established mine, reopening?
  - 6.6M tonnes @ 8.7% GC



Known graphite resources 2013 (not to scale) over Natmap topographic 2005

# Graphite Markets/Prices

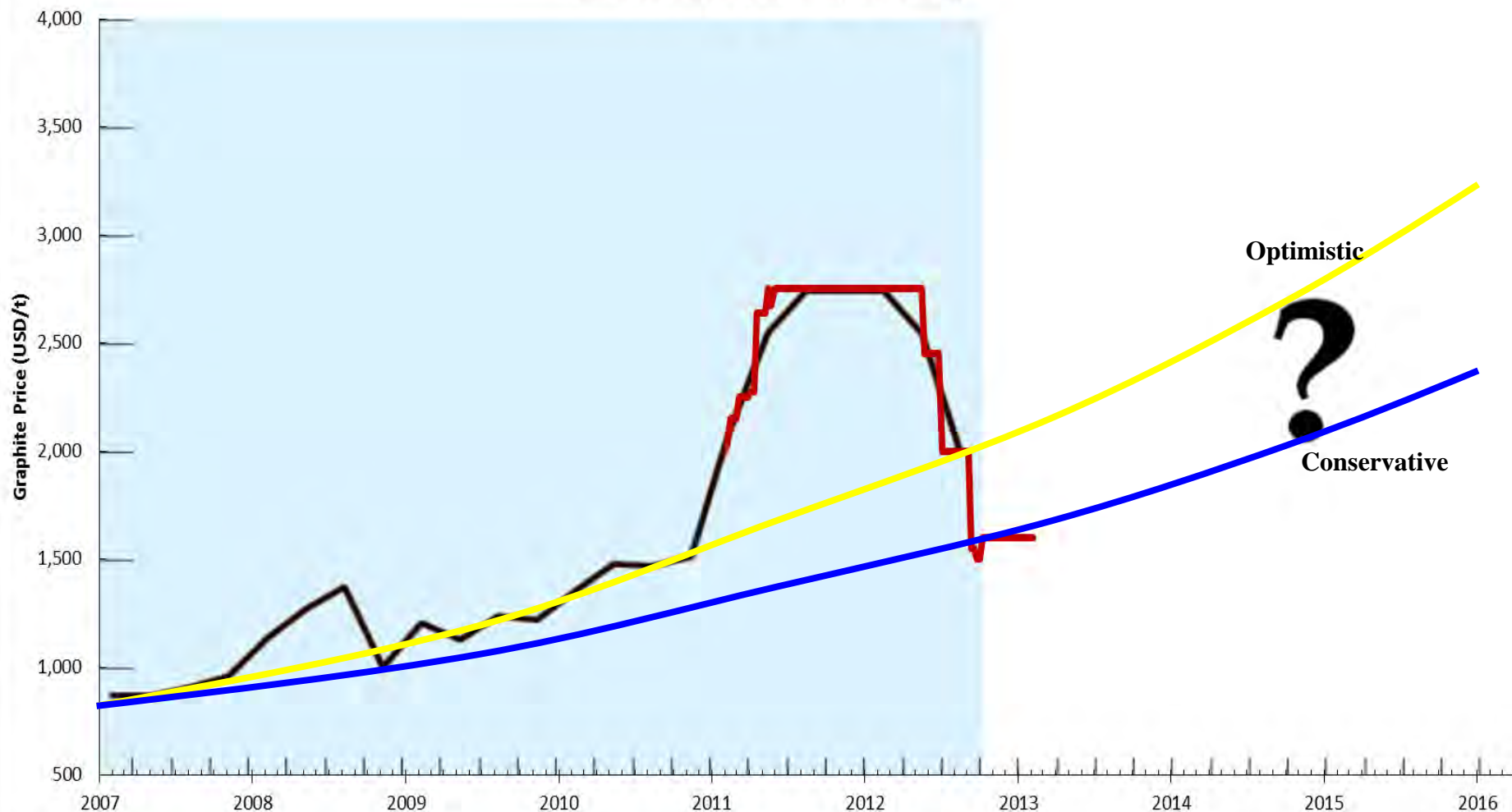
Product	Carbon Content	Mesh Size	Grain Size	Price Range (per tonne)	Market Size
Jumbo Flake	99 – 99.9%	+40	>425µm	\$3500 - \$35,000	0.4Mt
Large Flake	94 – 97%	+80-40	180-425µm	\$2000 - \$3000	
Medium Flake	94 – 97%	+100-80	150 -180µm	\$1500 - \$2500	
Fine Flake	90 – 97%	+400-100	38-150µm	\$1400 - \$2400	
Amorphous	80 – 85%	-400	<38µm	\$500 - \$700	0.7Mt
Synthetic	99.95%			\$7000 - \$20,000	1.1Mt
<b>Total</b>					<b>2.3Mt</b>



# Graphite Outlook

**ActivEX**

**Average Graphite Price (USD/t)**  
94%-97% C (Large Flake), +80 mesh



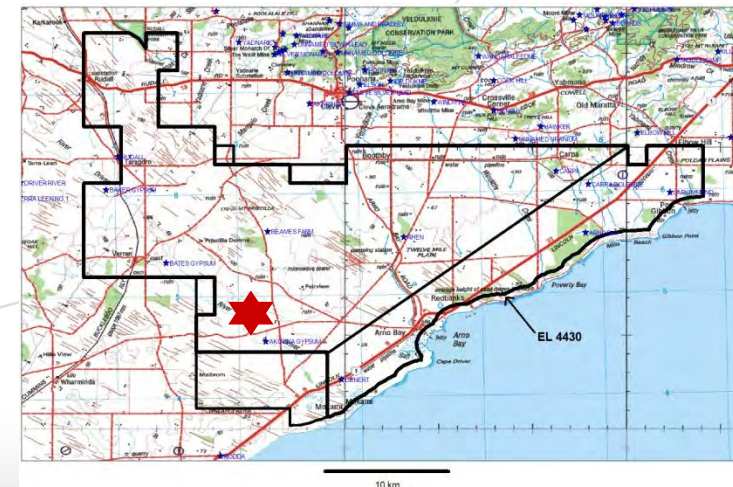
# Siviour Graphite Deal

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- Option to purchase company
  - Graphite exploration rights
  - Metalliferous rights option
- Establish and prove graphite deposit
  - Explore and prove graphite deposit
  - Complete definitive studies for commercial graphite production
  - List graphite vehicle
- Key prospect – Arno Bay area
  - Siviour
  - Established population, 1000
  - Lincoln Highway and major powerline pass through Licences



Google Earth image 2013

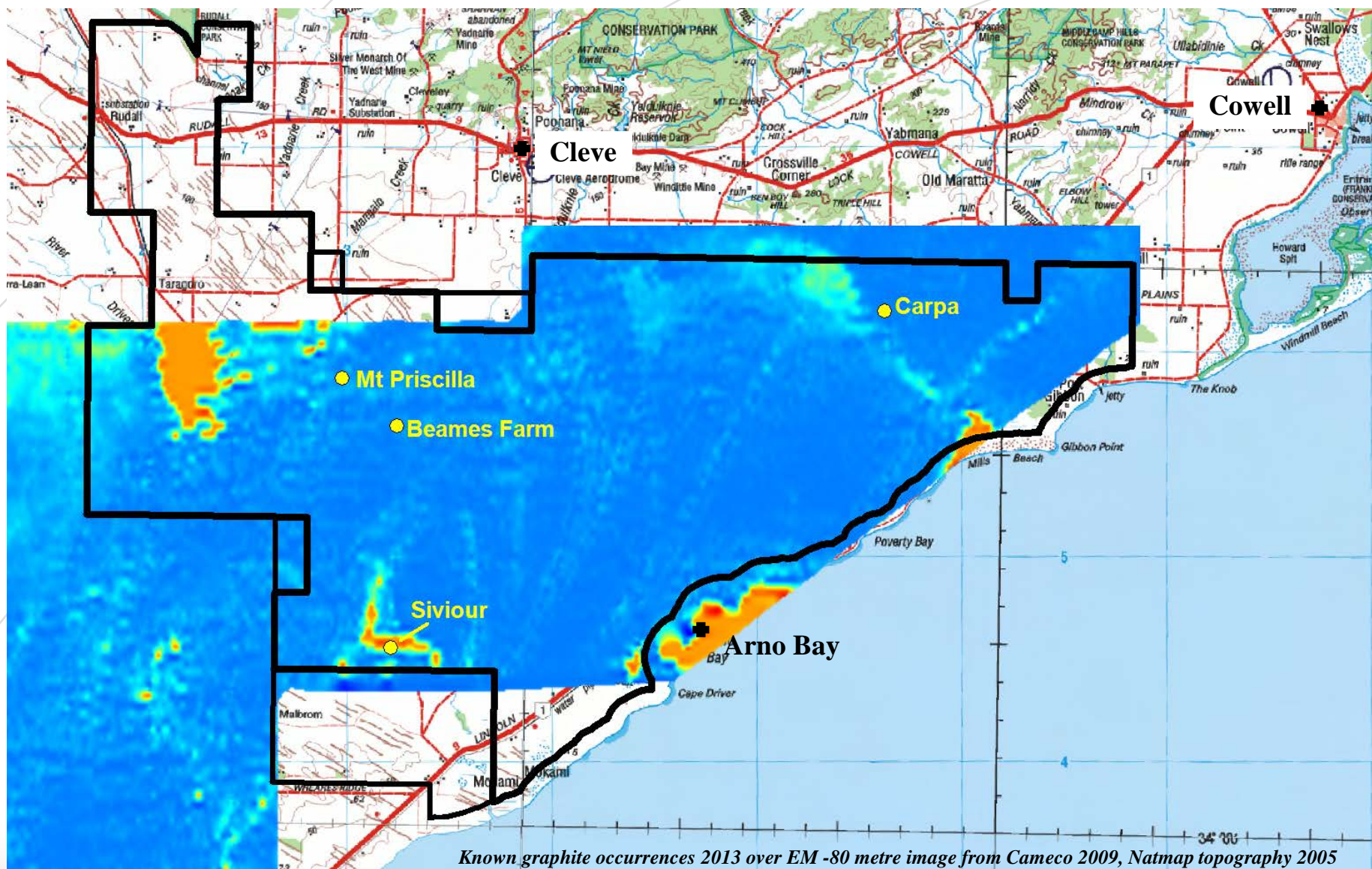


Location of Siviour prospect, Tenement data from Sarig 2013 over Natmap topography 2005

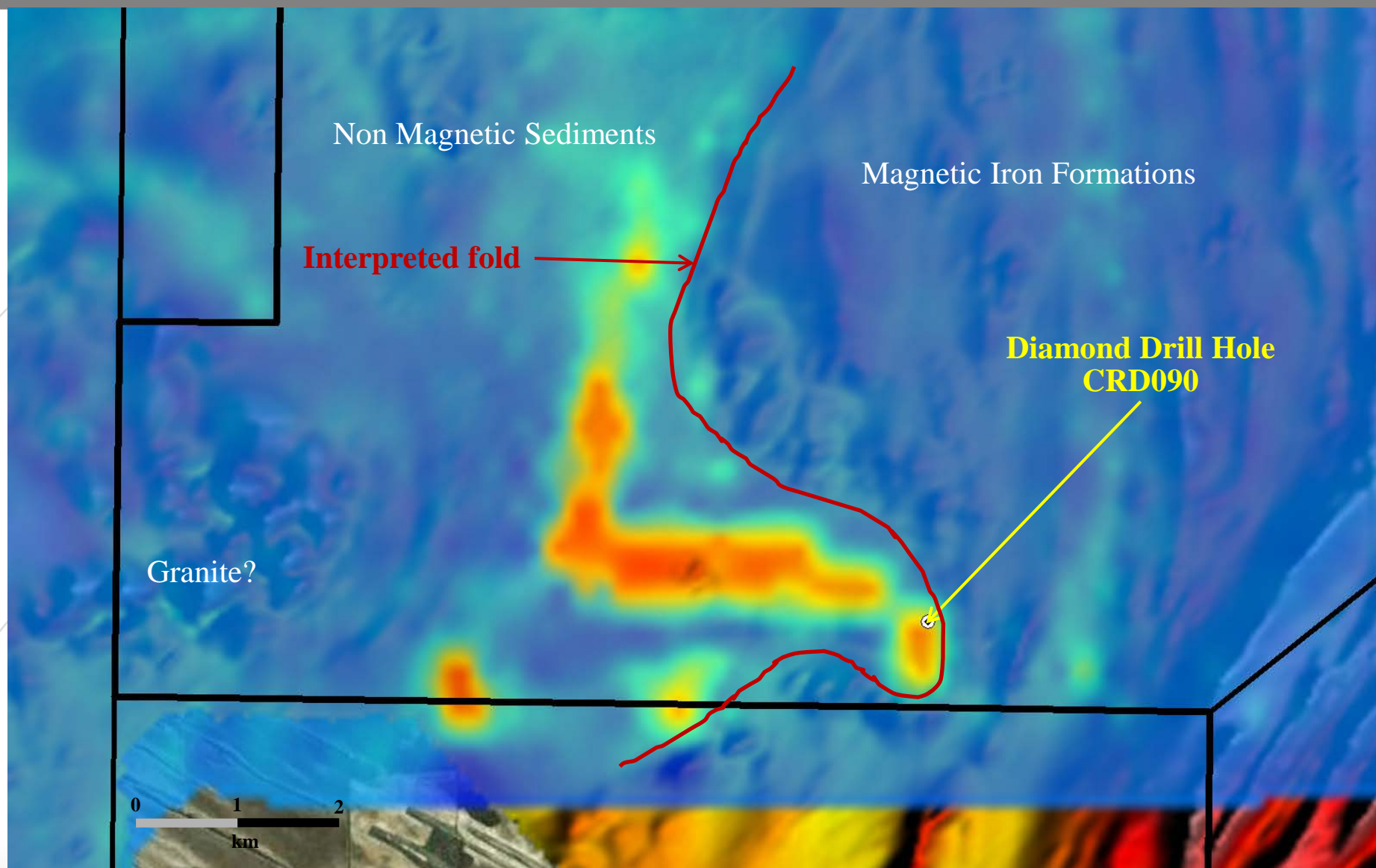


# Arno Bay EM and graphite prospects

ActivEX



# Siviour Prospect

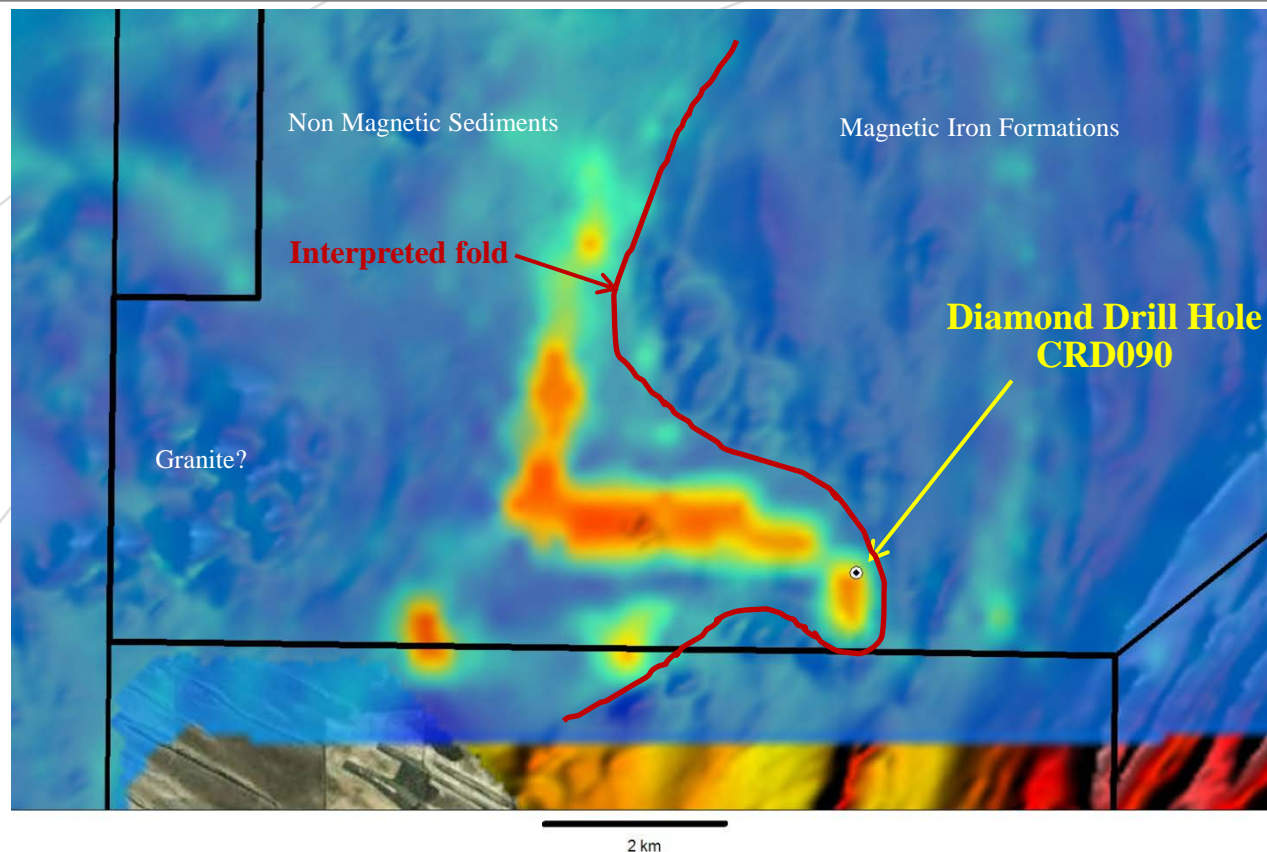


*Siviour Prospect, EM -100 metre slice (transparent) over aeromagnetic background, data from Cameco 2009, prepared by Ausmin Development 2012*



# Siviour Prospect

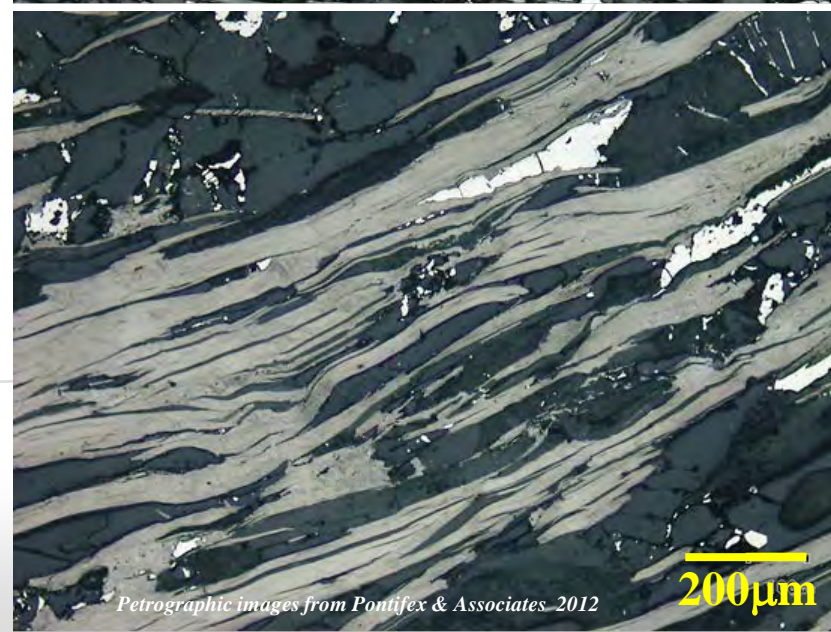
- Graphite hosted by high grade metamorphic rocks
- Airborne EM data
  - Well defined EM anomaly
  - Large, shallow basement conductor
  - Graphite intersected at eastern end in one hole drilled in 2008 for uranium
- Target
  - Well defined EM anomaly – most intense part interpreted to be thick high grade units of graphite
  - Shallow open pit target zone over 5km long



*Siviour prospect, EM -100 metre slice (transparent) over aeromagnetic background, see previous slide*

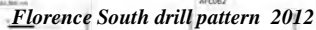
# Siviour Prospect

- CRD090
  - Graphitic mineralisation from 60.7 – 84.6m (24 metres)
  - Includes 12.4 metres @ 8.1% TGC from 67.7 – 80.1m
- Graphite hosted by high grade metamorphic rocks
- Petrography
  - Coarse flake size
  - Mean flakes  $>100\mu\text{m}$  (microns)
  - Hosted by biotite matrix – easy liberation
- Calc silicate host
  - EM target - shallow but with depth extent
  - Minor calcrete cover

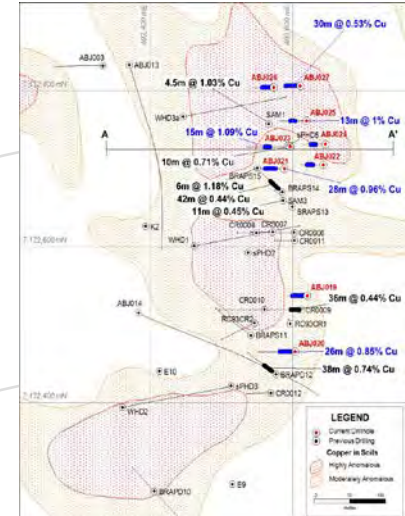




# ActivEX



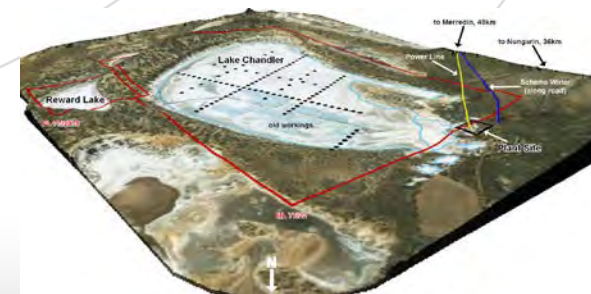
- Florence Copper-Cobalt-Gold
  - Open pit oxide copper potential
  - 32m @ 1.09% Cu, 0.12g/t Au, 123g/t Co
  - 14m @ 2.04% Cu, 1.08g/t Au, 101g/t Co
  - 4m @ 3.68% Cu, 0.74g/t Au, 226g/t Co
- Esk Trough Copper-Gold
  - White Horse supergene enrichment
  - 28m @ 0.96% Cu from 29m
  - 15m @ 1.09% Cu from 29m
  - Deep porphyry potential
- Ravenswood/Mt Leyshon
  - Oxide Gold potential
  - Seventy Mile Mtn
  - 16m @ 3.2g/t Au
- Lake Chandler Potash
  - Established resource



## ActivEX drilling White Horse 2012



*ActivEX drilling White Horse 2012*



*Lake Chandler oblique Google Earth image showing drill pattern 2009*

- Brisbane-based exploration company with a diverse project portfolio targeting:
  - high-grade epithermal gold-silver (Barambah Project, SE Qld);
  - coarse flake open pittable graphite in a world scale graphite province (Eyre Peninsula, South Australia);
  - copper-gold-molybdenum in the Cloncurry region of North-East Queensland (in the vicinity of historical and new mine developments); and
  - potash from salt lake accumulations 300km east of Perth (the Company is investigating optimal methods of extraction of the potash through a scoping study).
- Active exploration program proposed for the remainder of 2013 including:
  - further drilling on Barambah Project (prior drilling has intersected bonanza grades)
  - drilling at Selwyn-East to test well-defined coincident geochemical and geophysical anomalies; and
  - drilling at Siviour to test well-defined EM target (prior drilling of this target intersected 12.4m @ 8.1% TGC from 68m)



# Thank you

*The information in this presentation that relates to exploration results is based on information compiled by Mr D Young, who is a Registered Professional Geoscientist (RPGeo) and a Fellow of the Australian Institute of Geoscientists (FAIG) and Ms J Hugenholtz who is a Member of the Australian Institute of Geoscientists (MAIG), 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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