



Annual General Meeting

15th October 2008

**Kim Stanton-Cook
Managing Director**



GOLDEN CROSS RESOURCES

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This material contains certain forecasts and forward-looking information, including information about possible or assumed future performance, exploration results, resources or potential growth of Golden Cross Resources Ltd, industry growth or other trend projections.

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COMPETENT PERSON STATEMENT

The information in this presentation that relates to Exploration Results is based on information compiled by Kim Stanton-Cook, who is a member of the Australian Institute of Geoscientists, is a full-time employee of GCR, and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Kim consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

15 October 2008



Board

Chris Torrey – non-executive Interim Chairman

Kim Stanton-Cook - Managing Director

David Timms – non-executive Director

Kerry McHugh – non-executive Director

Simon Lennon – Company Secretary

Daven Timms – co-Company Secretary (until 31 October 2008) and

Alternate Director for David Timms



GCR Summary at October 2008

Personnel numbers have been reduced.

GCR is conserving cash, project sales under negotiation.

Copper Hill – under potential partner/investor review and new, value-adding processing options under consideration.

Exploration continuing at Mulga Tank nickel, Burra copper and Bowen gold-copper.

Complete review of GCR's structure and future.

GOLDEN CROSS RESOURCES

GCR is a gold, base metals,
and uranium explorer.



**Lachlan Fold Belt and
Curnamona Province
of New South Wales**

GOLDEN CROSS RESOURCES

Golden Cross' commodity list includes phosphate resources in the Mount Isa region.



Mount Isa (phosphate – uranium – copper-gold), and Bowen (gold-silver) regions of Queensland

GOLDEN CROSS RESOURCES

Golden Cross has just completed drilling its
Mulga Tank nickel project in the Yilgarn.



**Yilgarn Block of
Western Australia.**

**Mulga Tank project has
drill intersections of
+200m @ 0.2% Ni**

GOLDEN CROSS RESOURCES

Golden Cross is a gold, uranium and base metals explorer on the move



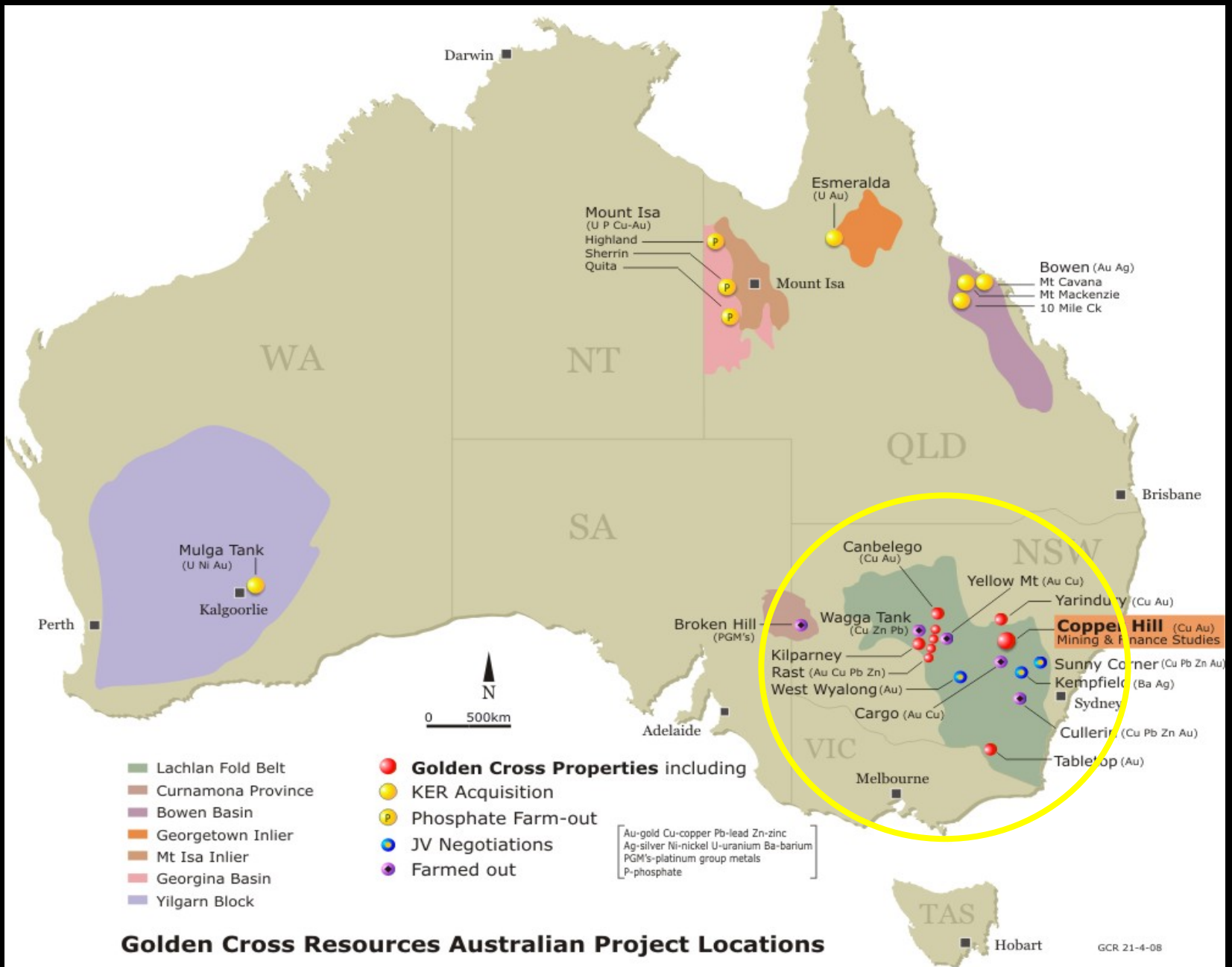
3,000+ shareholders

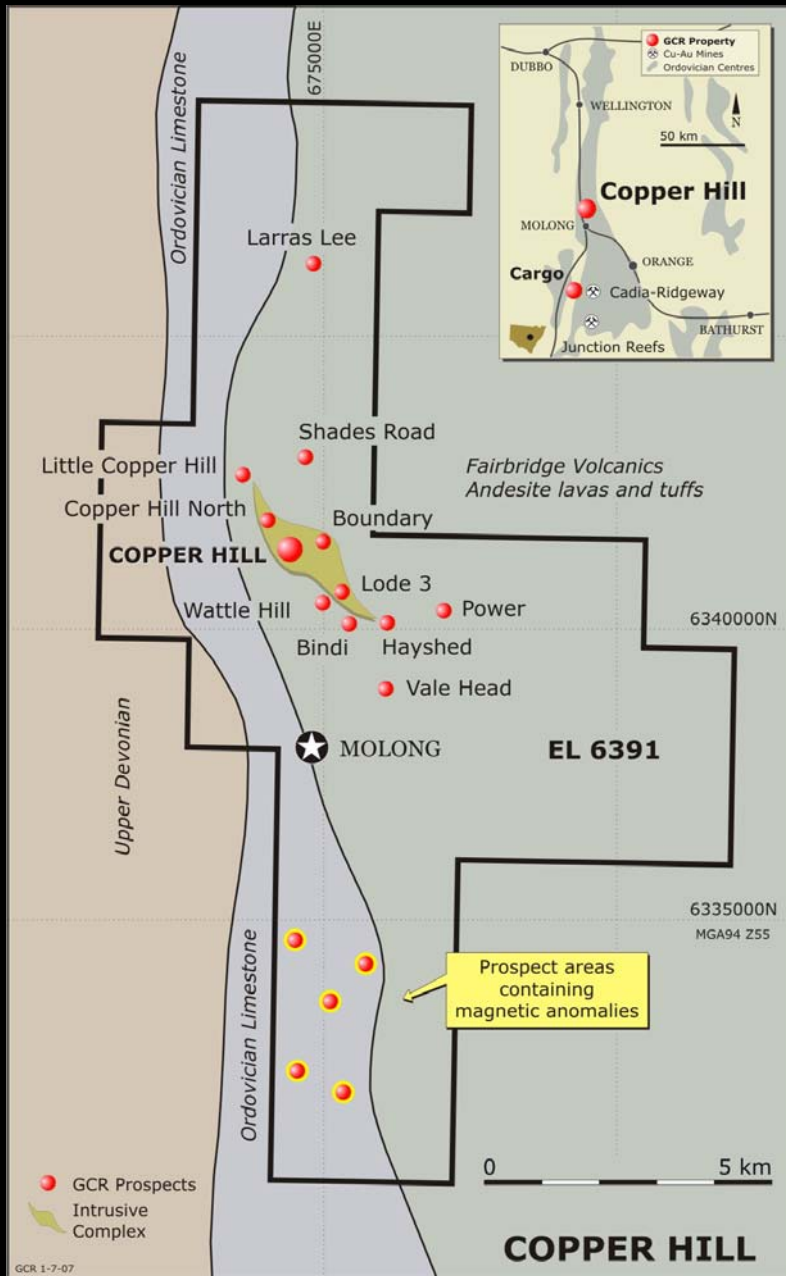
684 million shares issued

\$10 million market capitalisation

\$2.75M in cash + ~\$2M in cash/equity, staged payments







Copper Hill

JORC Resource Estimate

Copper Cutoff (%)	Tonnes (Mt)	Copper (%)	Gold (g/t)	Contained Copper (Kt)	Contained Gold (M oz)
0.20	133	0.31	0.28	421	1.20

Containing 3.3 million tonnes sulphur
in chalcopyrite (CuFeS₂) & pyrite (FeS₂)



Mining & Metallurgy

- *Low strip ratio at 0.6 : 1*
- *Geotechnical review positive*
- *Short load-haul-dump to ROM pad*
- *Low BWi indicated = lower cost crushing & grinding*
- *Standard sulphide flotation circuit*
- *85-90% Cu recoveries indicated, Au ~ 55% recovery; may be 85% with CIL circuit/pyrite*
- *‘Clean’, high-quality Cu-Au concentrate*
- *Concentrate loaded on rail at mine gate*

**Copper Hill Project – Potential Production
Conventional Concentrate Approach
8 million tonnes per annum throughput
over a 12-year mine life
to produce in total recoverable
260,000 tonnes of copper and
400,000 to 500,000 ounces of gold**

Assuming 85% Cu and 55% Au recovery



**But this approach does not maximise the value
of the elements present at Copper Hill.**

Copper

Gold

Sulphur

Iron

Maximising Value

- *Australian companies should try and add value. GCR wants to be one of them.*
- *By producing copper metal, bullion gold, sulphuric acid and iron granules*
- *Higher value products with minimal waste and greatly improved environmental outcomes*

Maximising Value

- *Roasting of Copper Hill sulphides (CuFeS_2 and FeS_2) would yield sulphur dioxide (SO_2) which can be converted to sulphuric acid (H_2SO_4) and a calcine from which the copper and gold would be leached to produce cathode copper (SX/EW) and bullion gold by CIL at maximum recoveries.*
- *The crushed, leached calcine, now comprising mostly iron oxide (Fe_2O_3) could be granulated and sold as direct blast furnace feed.*

Copper Hill Project – Higher Recoveries

~ HYPOTHETICAL ~

Roaster – SX/EW Cu – CIL Au – Fe₂O₃

8 million tonnes per annum throughput

over a 14-year mine life

to produce, in total, recoverable

300,000 tonnes of copper and

1,000,000 ounces of gold



Copper Hill Project – Additional Revenue

Recover

SO₂ for sulphuric acid production

&

**After Cu and Au leaching, granulate the
Fe₂O₃ calcine for sale.**

ADDED VALUE ~ NO WASTE!

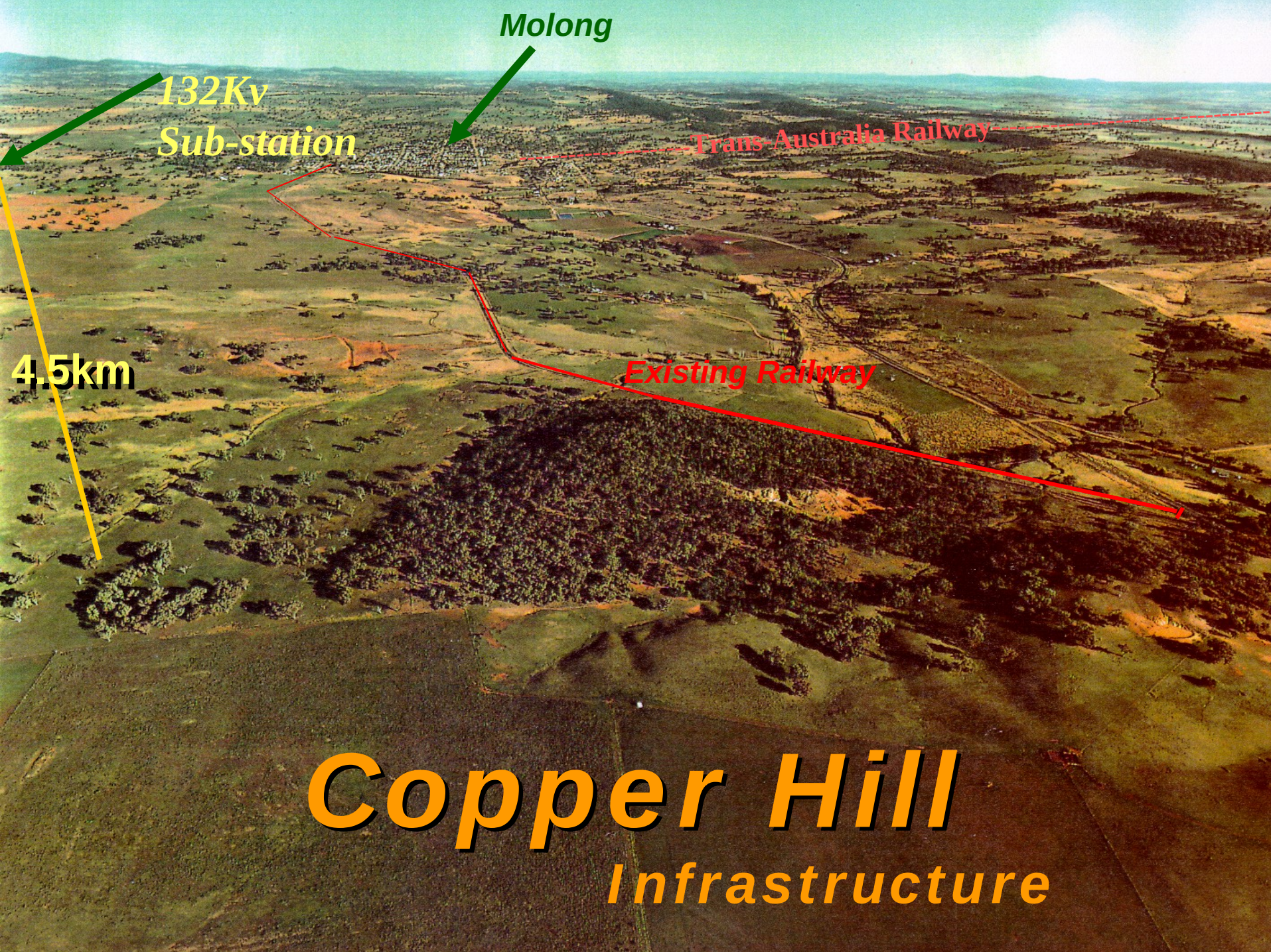


Process – capex estimate underway

- ***Conventional Circuit comprising crusher, stockpile, reclaim, SAG mill, ball mill, rougher, cleaner float with regrind and pyrite circuit,***
- ***Concentrate thickening, filtration, storage, loading, tailings thickening and dam augmented by the addition of concentrate storage and feed to roaster,***
- ***Roast gas handling and acid plant,***
- ***Calcine quench and thickener, calcine acid leach for copper, thickening and filtration, lime neutralisation,***
- ***Gold CIL, and smelthouse to bullion,***
- ***Copper sulphate crystallisation or SX followed by electrowinning tankhouse with copper cathode handling.***
- ***Granulate and bag iron oxide calcine for sale***

Infrastructure and Support

- *Railway spur line to the foot of Copper Hill*
- *4.5 km to 132Kv electrical sub-station*
- *Supply chains, fabrication, services*
- *35 km from Lake Burrendong*
- *Molong community support*
- *Cabonne Council support*
- *State Government support*



Molong

132Kv
Sub-station

Trans-Australia Railway

Existing Railway

4.5km

Copper Hill

Infrastructure



GCR - Joint Ventures

Broken Hill – Vale (CVRD-Inco)

Cullarin - Tri Origin

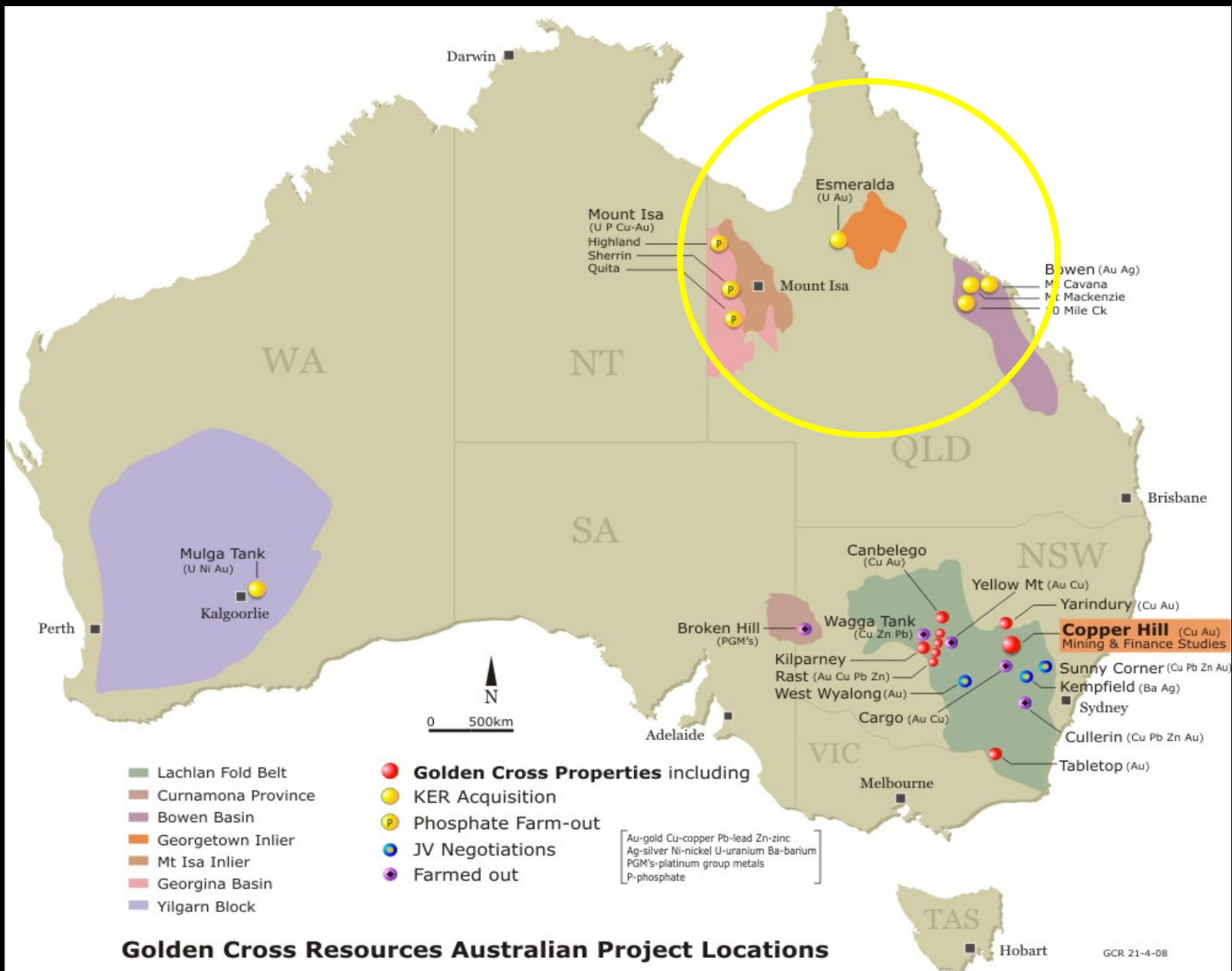
Wagga Tank – OZ Minerals

**Kempfield, Sunny Corner & West Wyalong –
Argent Minerals**

Mount Isa Phosphate – Legend International

Total for earn-ins = \$10.5 million

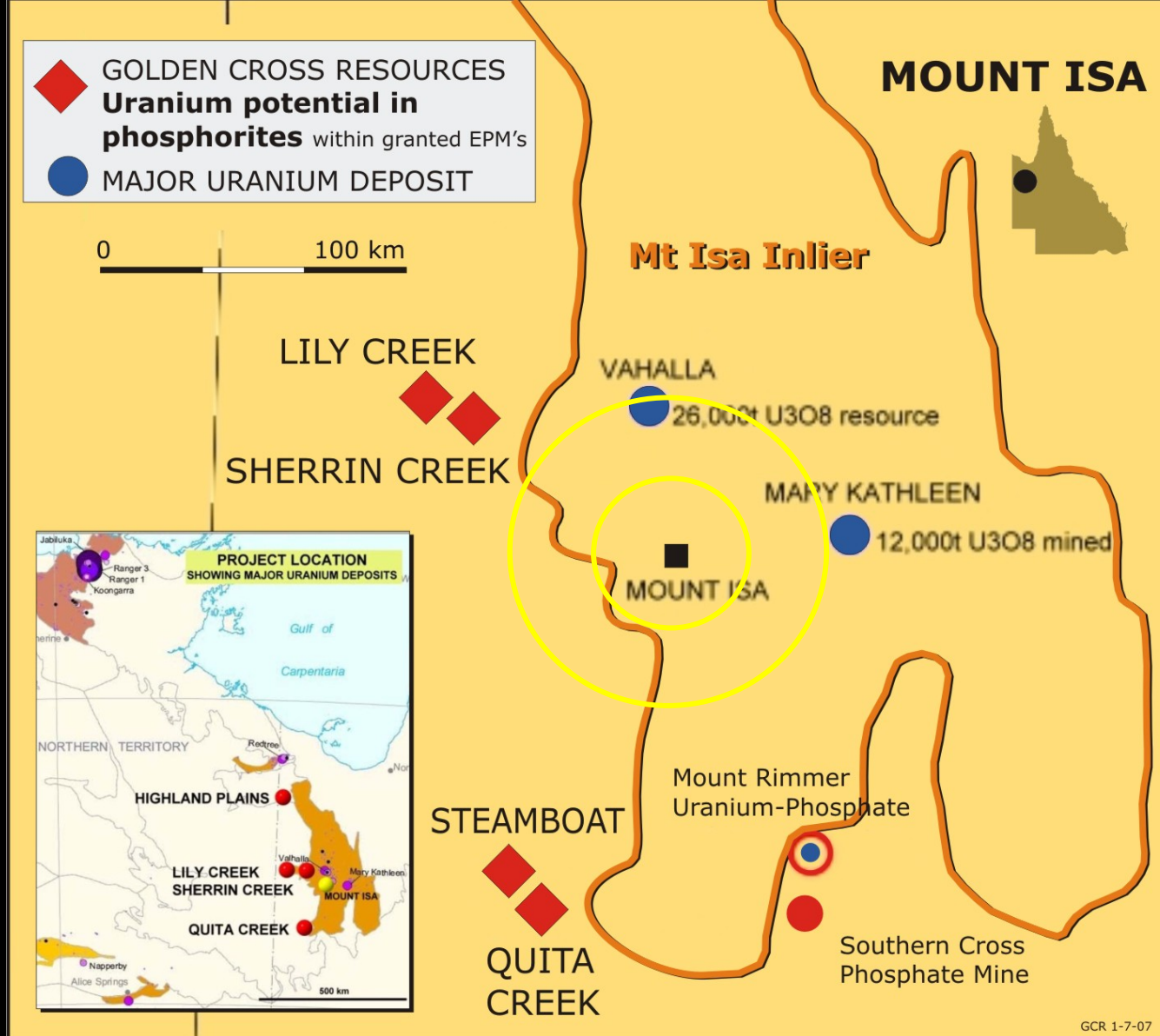




Queensland – phosphate, uranium, copper-gold

Mount Isa

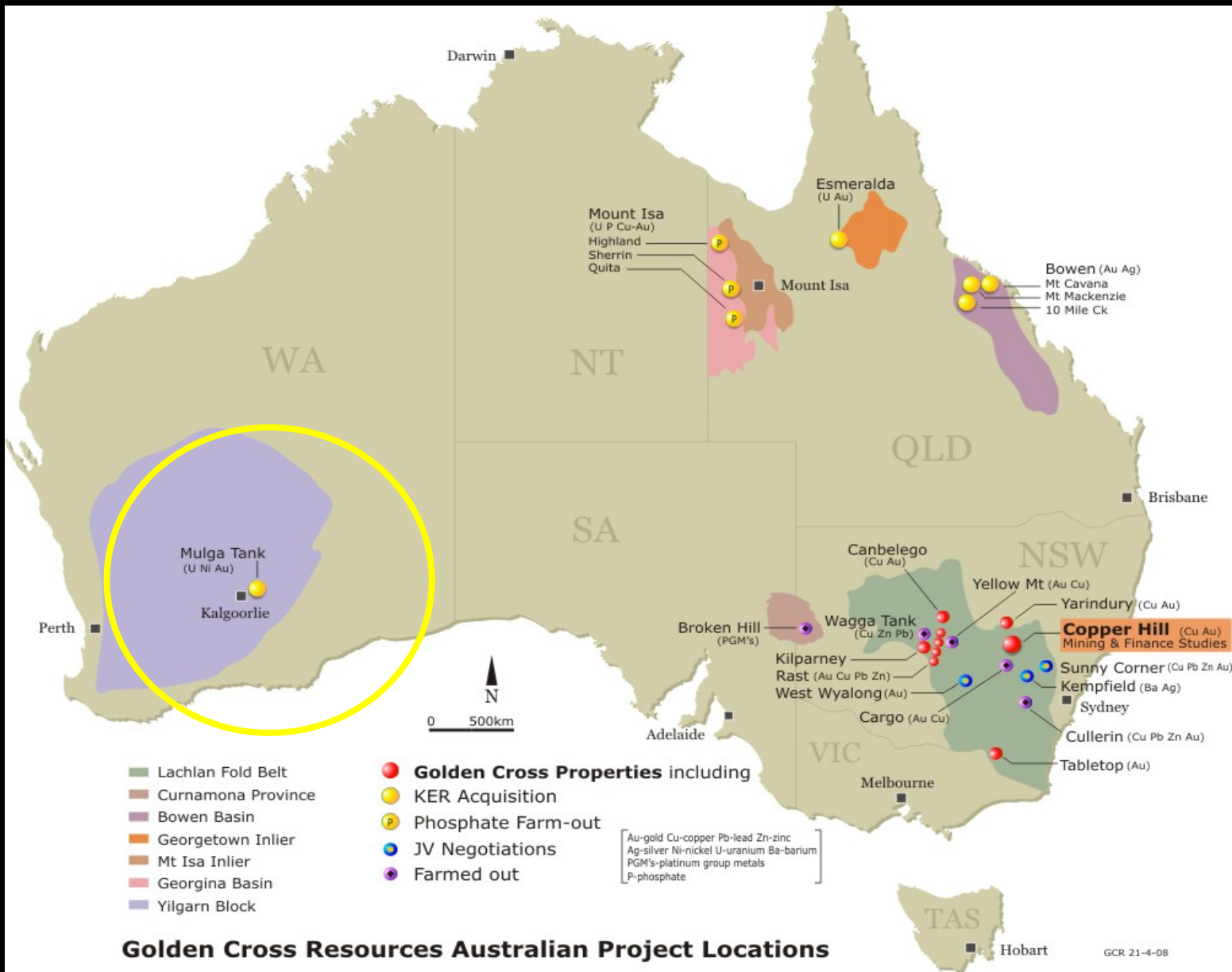
**GCR owns about
one third of
Legend's claimed
P2O5**



GCR will retain 20%, free-carried to decision to mine, if Legend International earns its 80%. GCR retains 100% of all other minerals

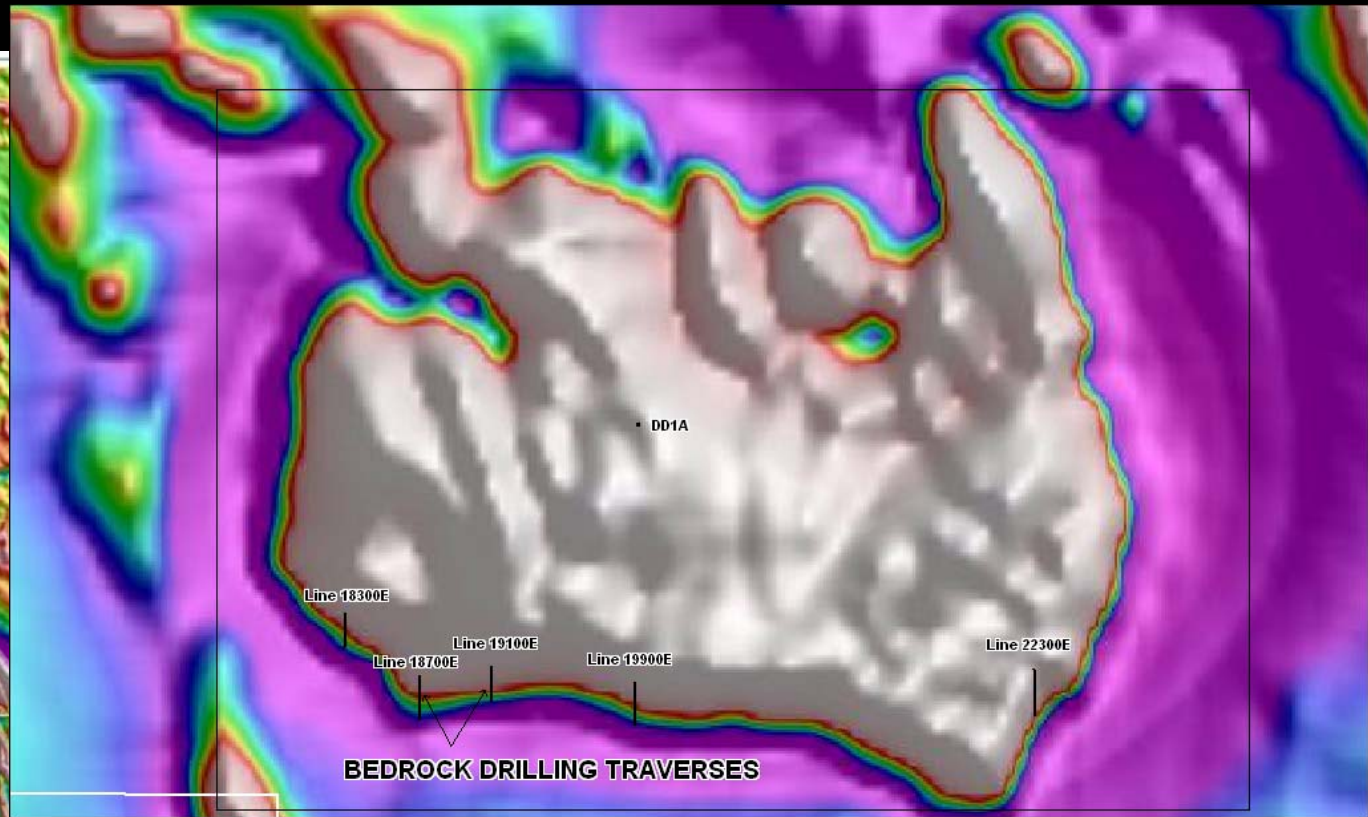
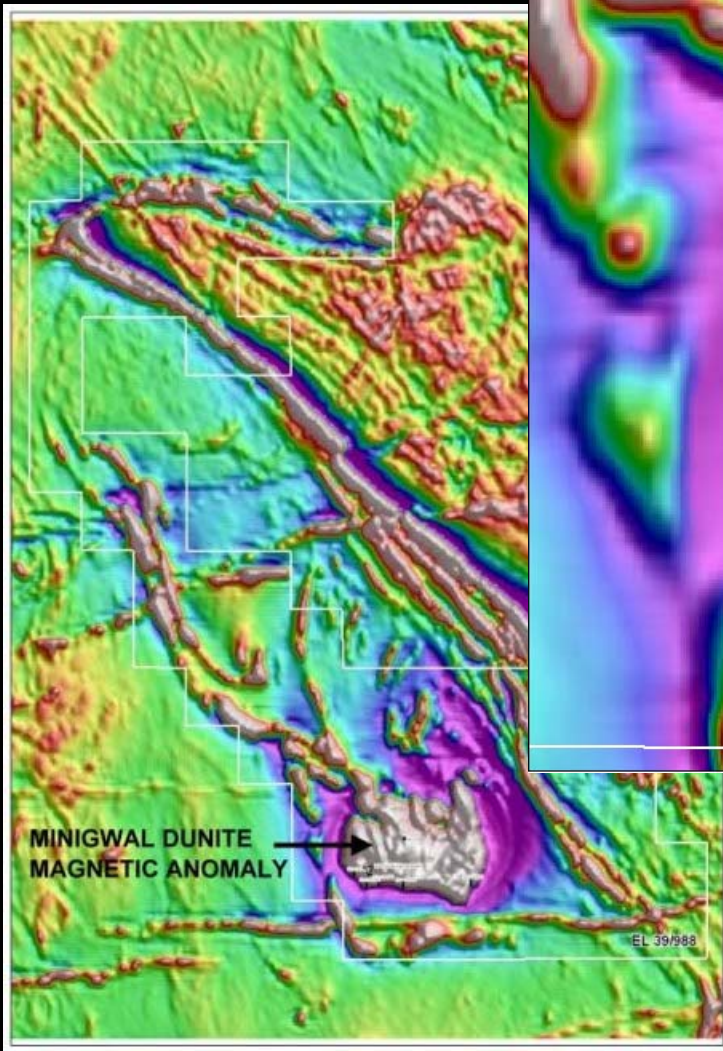
~including uranium and IOCG style targets~





Western Australia – nickel, gold , uranium

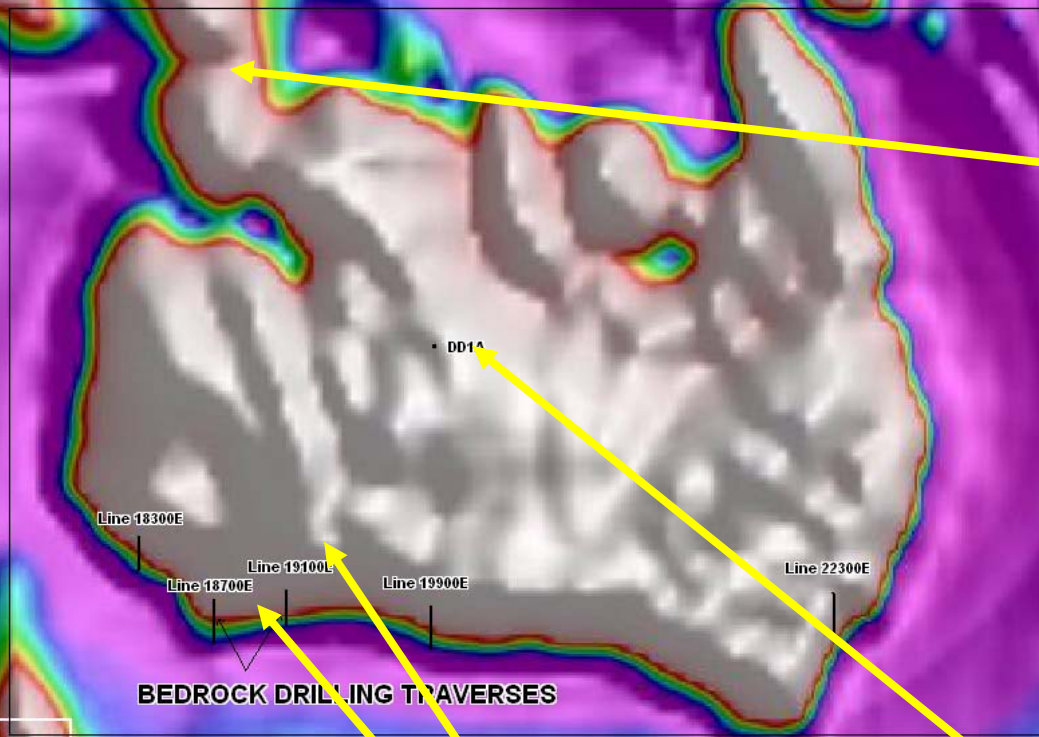




Mulga Tank Magnetics

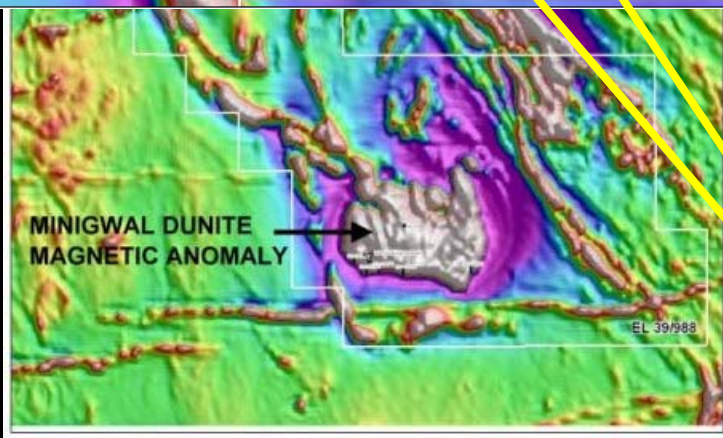
The 4 km x 3 km Minigwal Dunite, (olivene-rich peridotite) stands out clearly.

**Potential for
Kambalda –
Black Swan-style
nickel deposits**

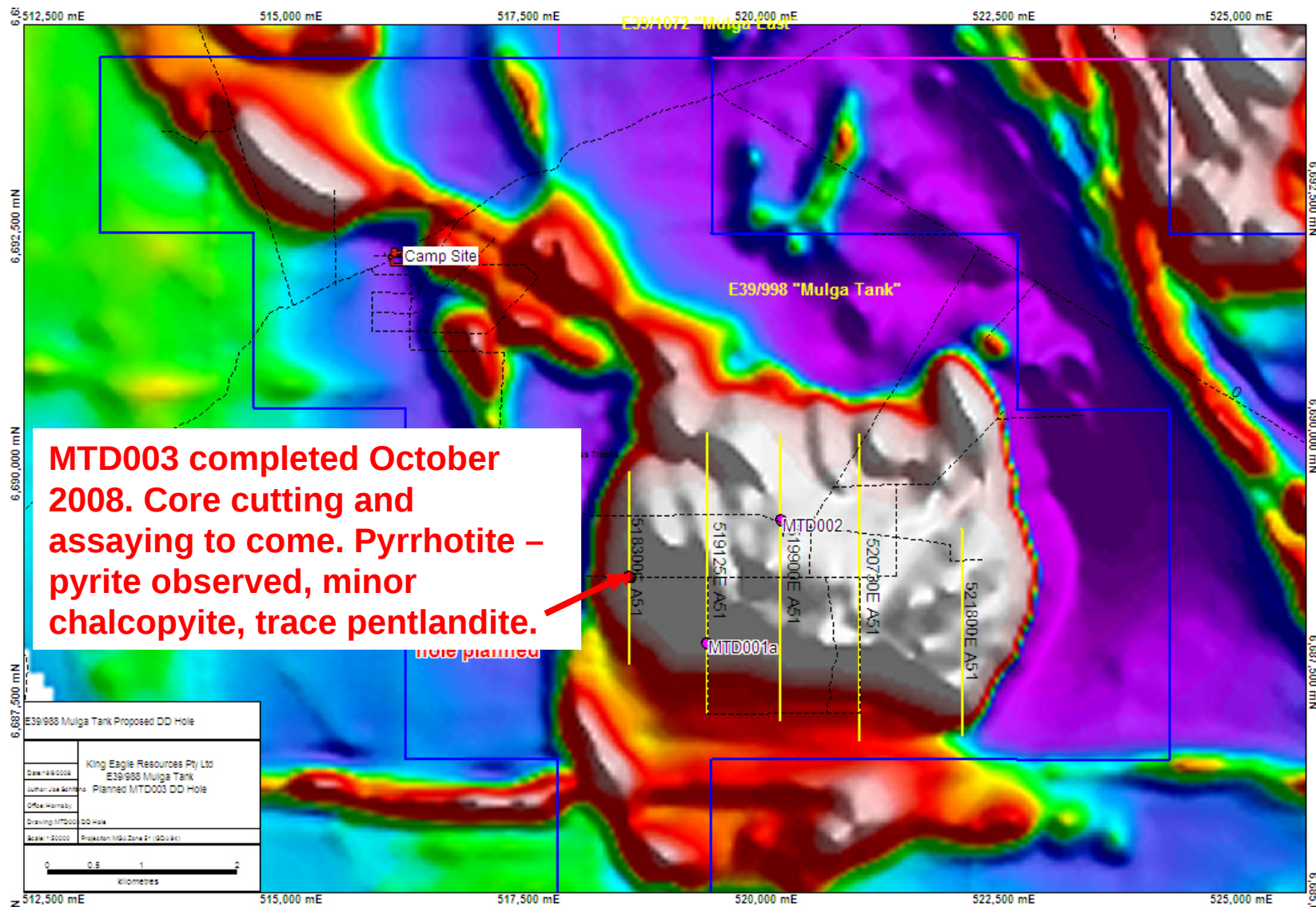


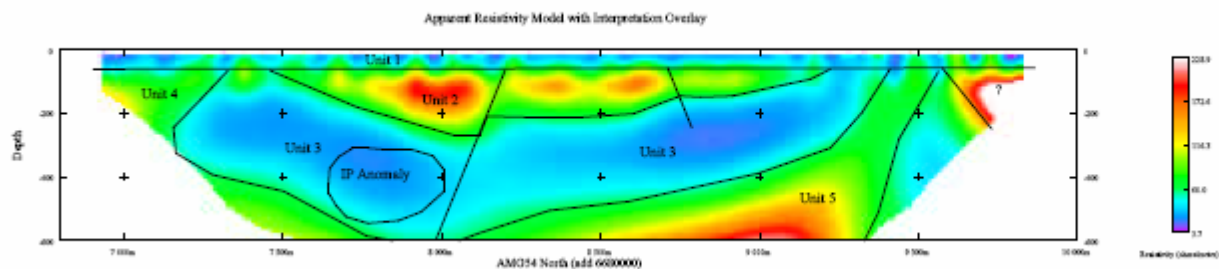
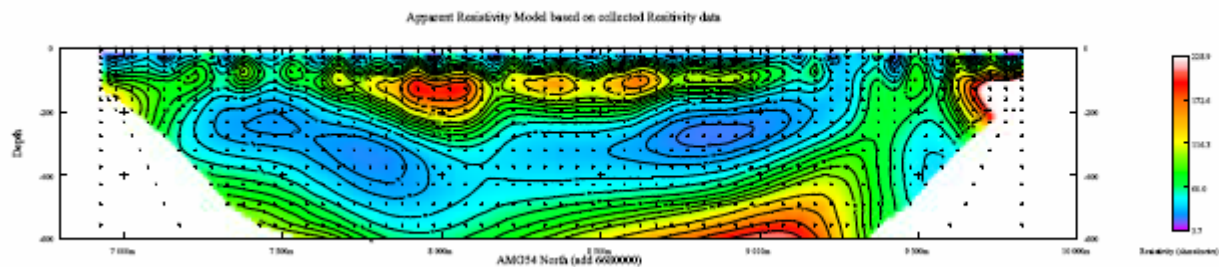
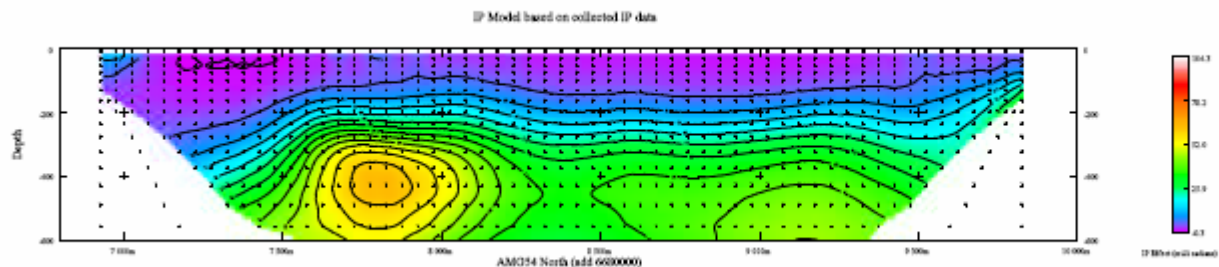
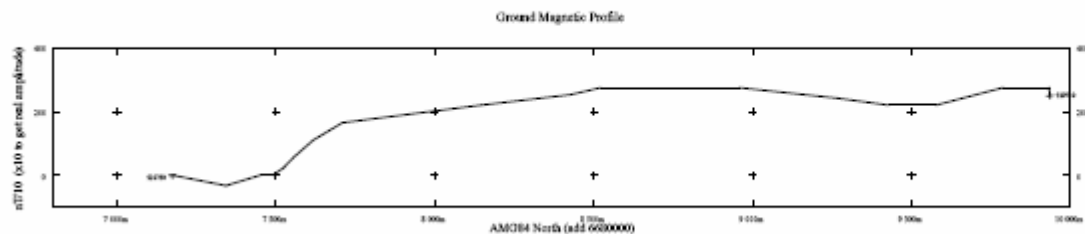
**Hole MTD001 averaged 0.20% nickel across the
entire 270m of serpentinised dunite from 67.3m
MTD002 returned 0.19% nickel over 212m (from
60m).**

Shallow RAB samples assayed up to 2% nickel.



Mount Keith-style nickel potential.





Forecasting Applications

Geoffrey Gordon, *Johns Hopkins U*
Michael Haganway, *U*
Pengyue Li, *U of W*
Elizabeth Spring, *U of W*
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Tamas Varga, *U of W*
Tamas Varga, *U of W*
David W. Miller, *U of W*
Gordon, George, *U of W*

Event Processing

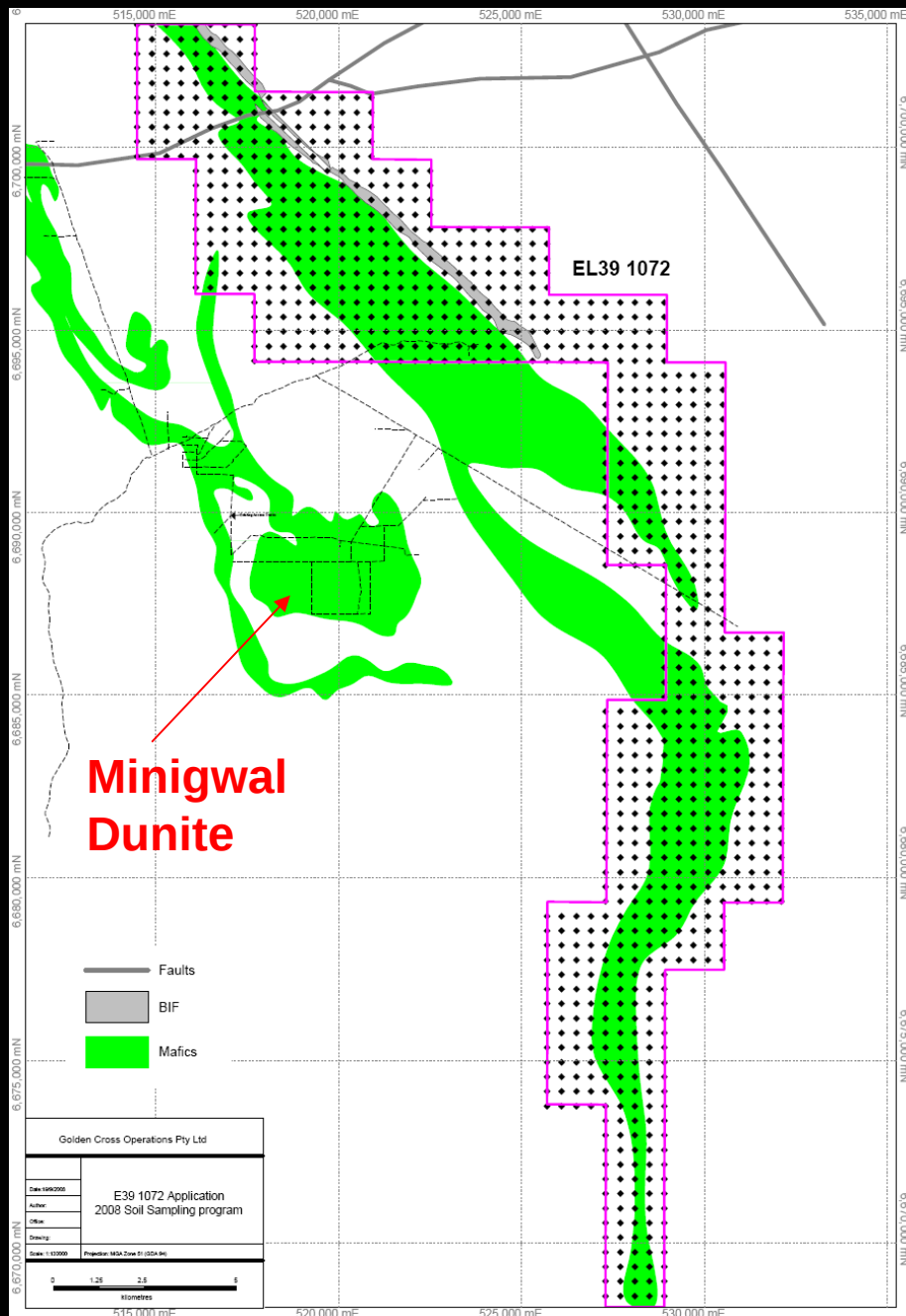
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Big Mining, Social, and Mining Applications

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King Eagle Resources Mixing Tank Project IF Survey Feb 2005 Pulse Signature ERTs sensitivity Survey Created Merged ERTs with Modelled 2D ERTs sensitivity Response Line 5207502	
Author : Peter Smith	Ref:
Drawn : Graham Gribble	
Date : 6-Apr-2003	Revised By:
Scale 1 : 10,000	Plan No : 000000



Mulga Tank East EL 39-1072

Mobile Metal Ion soil sampling program now underway over little-explored greenstone sequence.

Potential for gold and nickel mineralisation



GOLDEN CROSS RESOURCES

Golden Cross is saving its cash but looking for the opportunities which may now appear...



- **Most projects farmed out.**
- **Drilling and testing the best targets.**
- **New sources of support coming forward.**