



**CHINALCO**  
**YUNNAN COPPER**  
**RESOURCES LTD**  
**ASX : CYU**

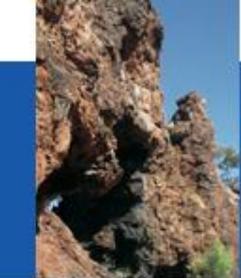


ON THE PATH TO PRODUCTION



1 October 2013





# Disclaimer & Competent Person Statement

## **DISCLAIMER**

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This presentation contains statements that are subject to risk factors associated with the mining industry. It is believed that the expectations reflected in this presentation are reasonable, but they may be affected by a range of variables which could cause actual results or trends to differ materially, including (but not limited to) price fluctuations, actual demand, currency fluctuations, drilling and production results, reserve estimates, loss of market, industry competition, environmental risks, physical risks, legislative fiscal and regulatory developments, economic and financial market conditions in various countries and regions, political risks, project delay or advancement, approvals and cost estimates.

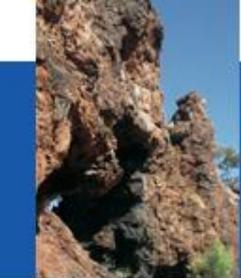
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Maps and diagrams used in this presentation are illustrative only and may not be drawn to scale. Unless otherwise stated, all data contained in charts, graphs and tables is based on information available at the date of this presentation.

## **COMPETENT PERSON STATEMENT**

The information in this report that relates to Exploration Results for all prospects and the Inferred JORC Resources for both the Elaine copper+gold and uranium+rare earth element prospects is based on information compiled by Trevor Leahey, who is a Chartered Professional Geologist, a Member of the Australasian Institute of Mining and Metallurgy, and is CYU's Exploration Manager. Mr. Leahey has sufficient experience relevant to the styles of mineralisation and type of deposits 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 and Mineral Resources". Mr. Leahey consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.



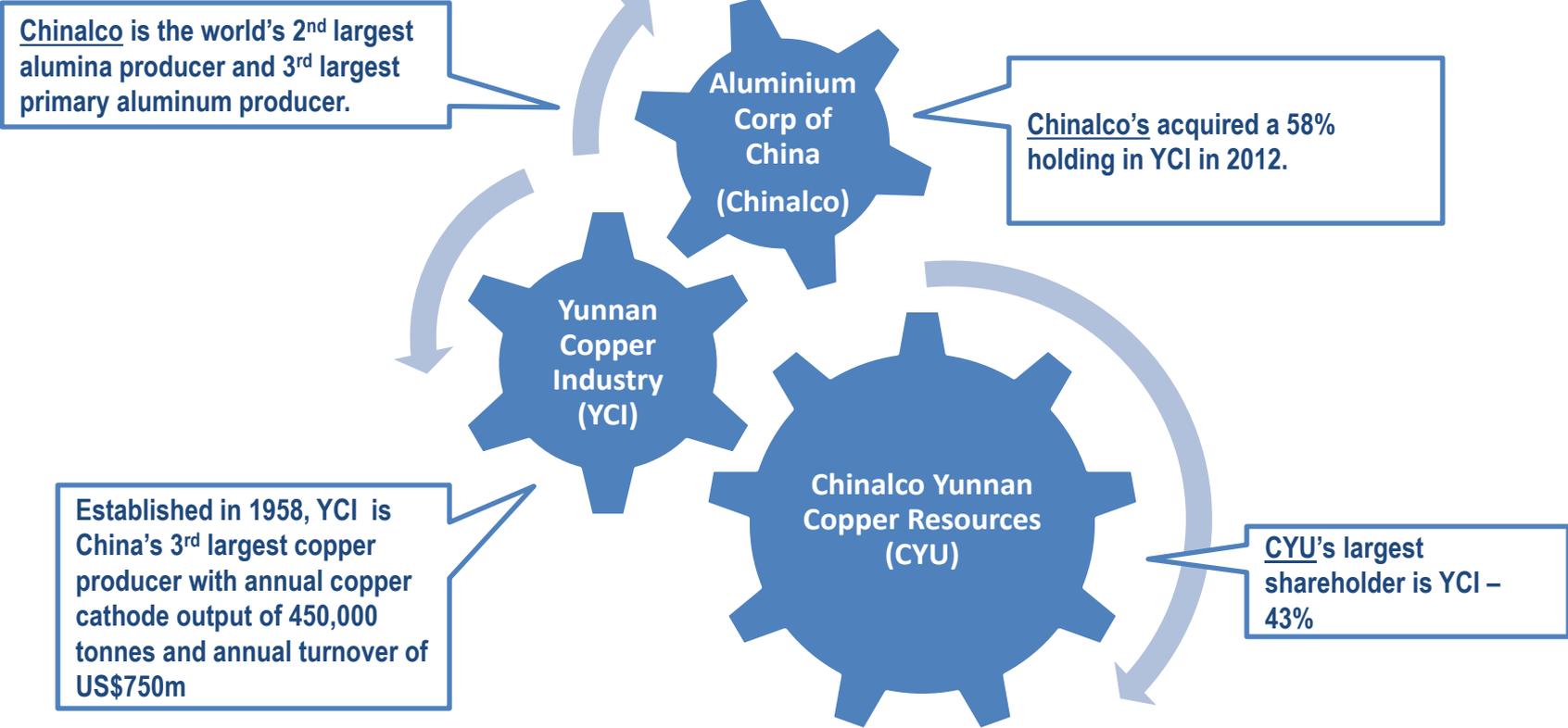
## CYU's Corporate Objective

To become a significant mining company with:

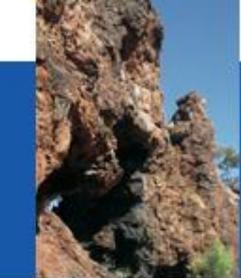
- A large portfolio of highly prospective exploration tenures
- Interests in major operating mining projects
- An experienced and highly qualified team,

within the next 3 years.

# CYU's Largest Shareholders



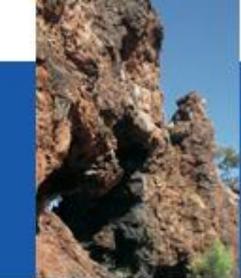
**CYU's relationship with its largest shareholders provides access to substantial funding and project finance support and a gateway into potential and future projects.**



## CYU's Exploration Activities in Mt Isa

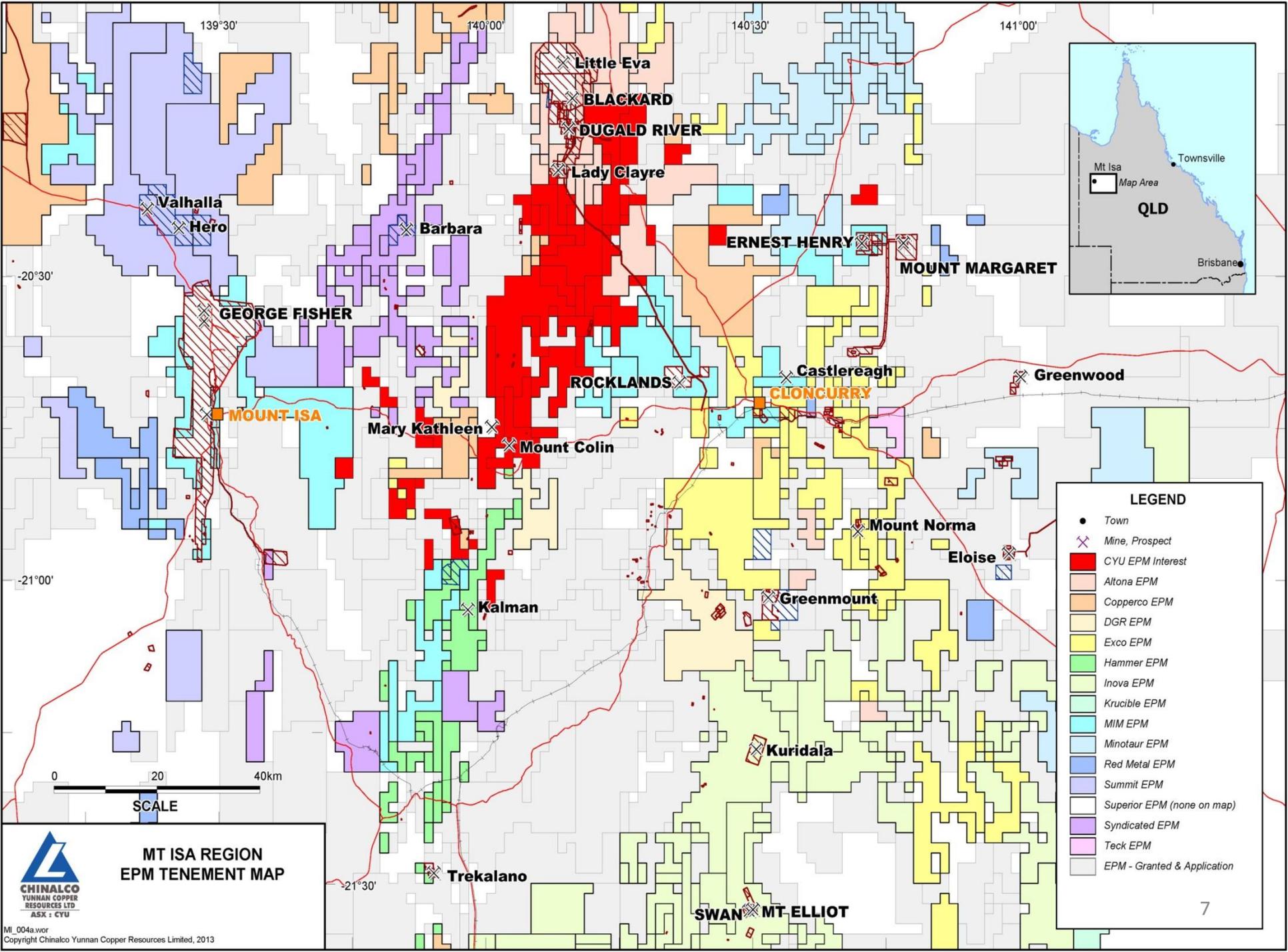
CYU has spent the past 4 years conducting exploration activities in the Mt Isa Inlier, achieving the following:

- \* carried out more than 13,000m of drilling
- \* established an inferred JORC resource at Elaine of 27mt with a contained metal content of 147,000t Cu and 75,000oz Au
- \* introduced the EH4 deep resistivity geophysics technology to the region that is commonly used by CYU affiliates in China
- \* achieved some excellent initial results in its Phase 1 program at Blue Caesar
- \* building a detailed model of the structures and potential mineralisation along the Mary Kathleen Shear Zone.



## CYU's Exploration Activities in Mt Isa (cont)

- In mid-September 2013, CYU entered into farm-in agreements with Altona Mining (Roseby South) and Elementos (Millenium)
- The Roseby South and Millenium tenure comprises EPMs and MLs that cover an area of > 1000sq kms
- Under the terms of the farm-in agreements, CYU can earn up to 70% interests in these tenures within a 5 year period
- Areas of “high” exploration potential have already been identified
- CYU has now established a substantial contiguous footprint in the Mt Isa Inlier region and intends to commence exploration immediately.



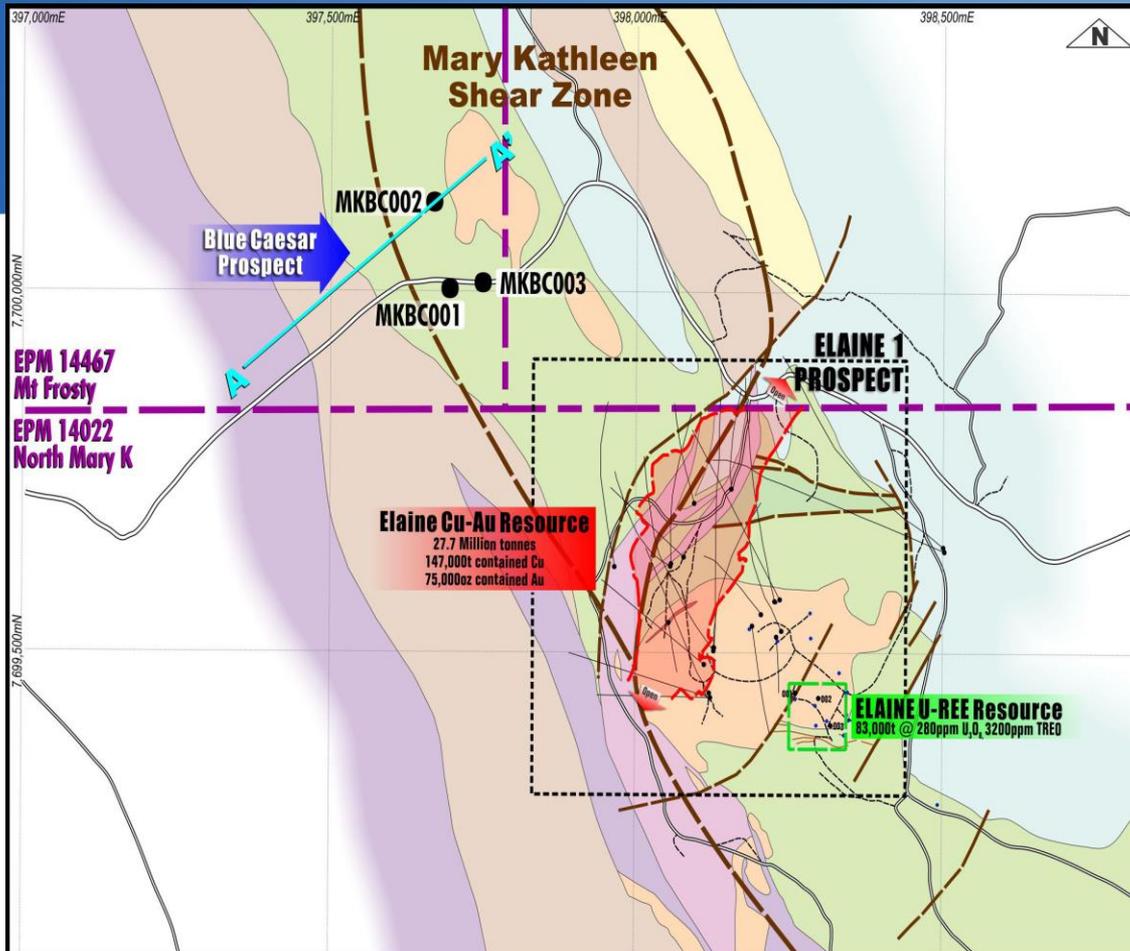
**LEGEND**

- Town
- ✕ Mine, Prospect
- CYU EPM Interest
- Altona EPM
- Copperco EPM
- DGR EPM
- Exco EPM
- Hammer EPM
- Inova EPM
- Krucible EPM
- MIM EPM
- Minotaur EPM
- Red Metal EPM
- Summit EPM
- Superior EPM (none on map)
- Syndicated EPM
- Teck EPM
- EPM - Granted & Application



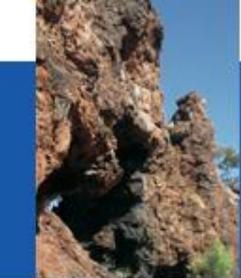
**MT ISA REGION  
EPM TENEMENT MAP**

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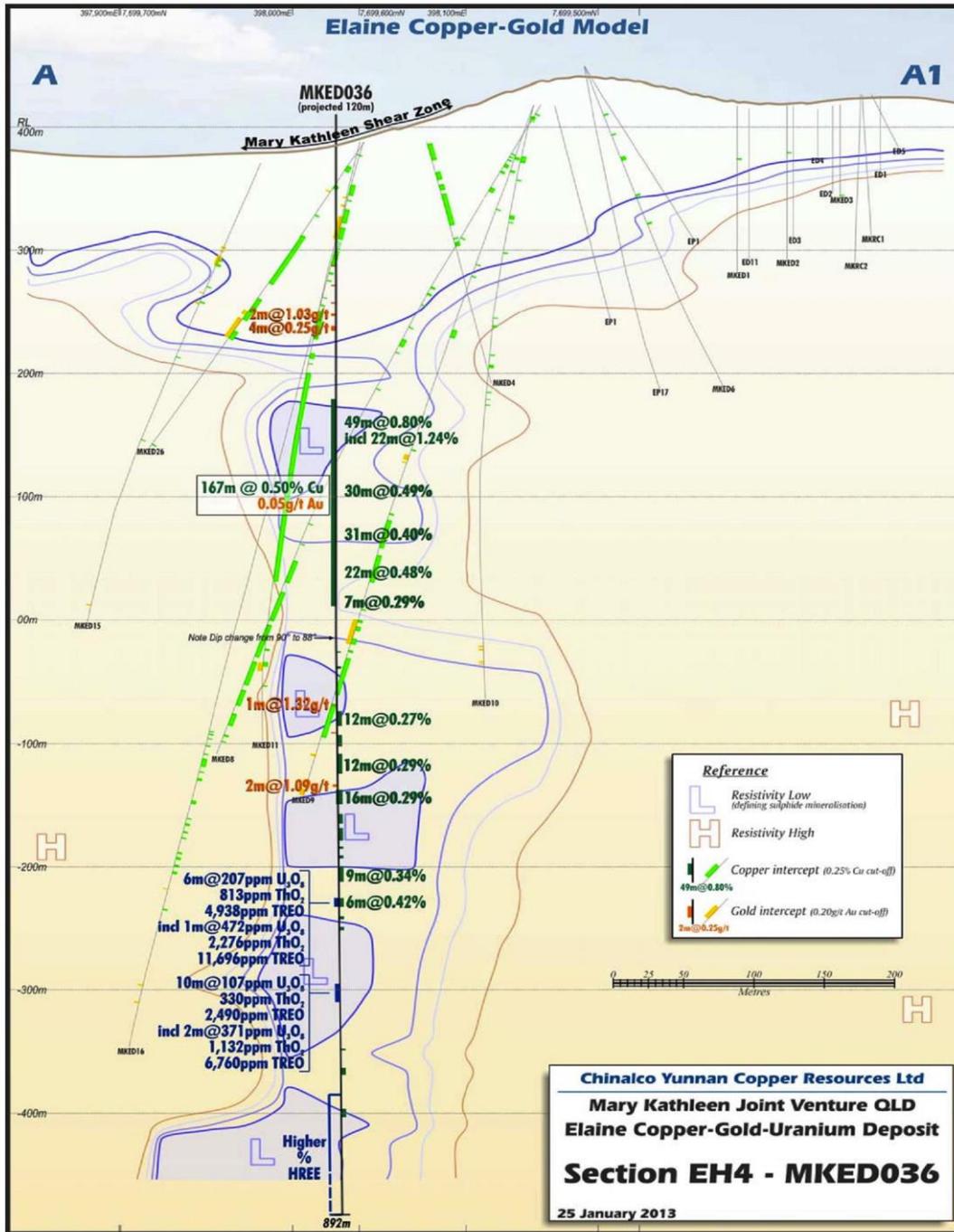
<u>Geology</u>	<u>Structure</u>
<span style="display: inline-block; width: 15px; height: 10px; background-color: red; border: 1px solid black;"></span> Gossan	<span style="display: inline-block; width: 20px; border-bottom: 1px dashed brown;"></span> Fault mapped
<span style="display: inline-block; width: 15px; height: 10px; background-color: #90EE90; border: 1px solid black;"></span> Hornblende-feldspar granofels	<span style="display: inline-block; width: 20px; border-bottom: 1px dashed brown;"></span> Fault inferred
<span style="display: inline-block; width: 15px; height: 10px; background-color: #D8BFD8; border: 1px solid black;"></span> Amphibolite/metadolerite	<span style="display: inline-block; width: 20px; border-bottom: 1px dashed brown;"></span> Mary Kathleen Shear Zone, interpreted.
<span style="display: inline-block; width: 15px; height: 10px; background-color: #ADD8E6; border: 1px solid black;"></span> Marble	
<span style="display: inline-block; width: 15px; height: 10px; background-color: #FFFF00; border: 1px solid black;"></span> Quartzite	
<span style="display: inline-block; width: 15px; height: 10px; background-color: #D2B48C; border: 1px solid black;"></span> Feldspar-diopside calc-silicate	<span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; border-radius: 50%;"></span> CYU drillhole (prefixed: MKED)
<span style="display: inline-block; width: 15px; height: 10px; background-color: #F080F0; border: 1px solid black;"></span> Biotite schist shear and sheared amphibolite	<span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; border-radius: 50%;"></span> Previous drillhole
<span style="display: inline-block; width: 15px; height: 10px; background-color: #FFDAB9; border: 1px solid black;"></span> Garnet-diopside skarn (garnetite)	<span style="display: inline-block; width: 15px; border-bottom: 1px dashed red;"></span> Outline of Resource Area
<span style="display: inline-block; width: 15px; height: 10px; background-color: #90EE90; border: 1px solid black;"></span> Scapolite-diopside (- garnet) calc-silicate	

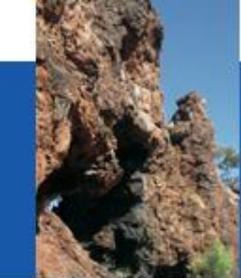
**Chinalco Yunnan Copper Resources Ltd**  
**Mary Kathleen Joint Venture QLD**  
**Elaine REE Copper Deposit**  
**Blue Caesar Prospect Location**  
**Elaine Cu-Au Resource Area**  
 22 May 2013



## Elaine Project – Drillhole MKED036

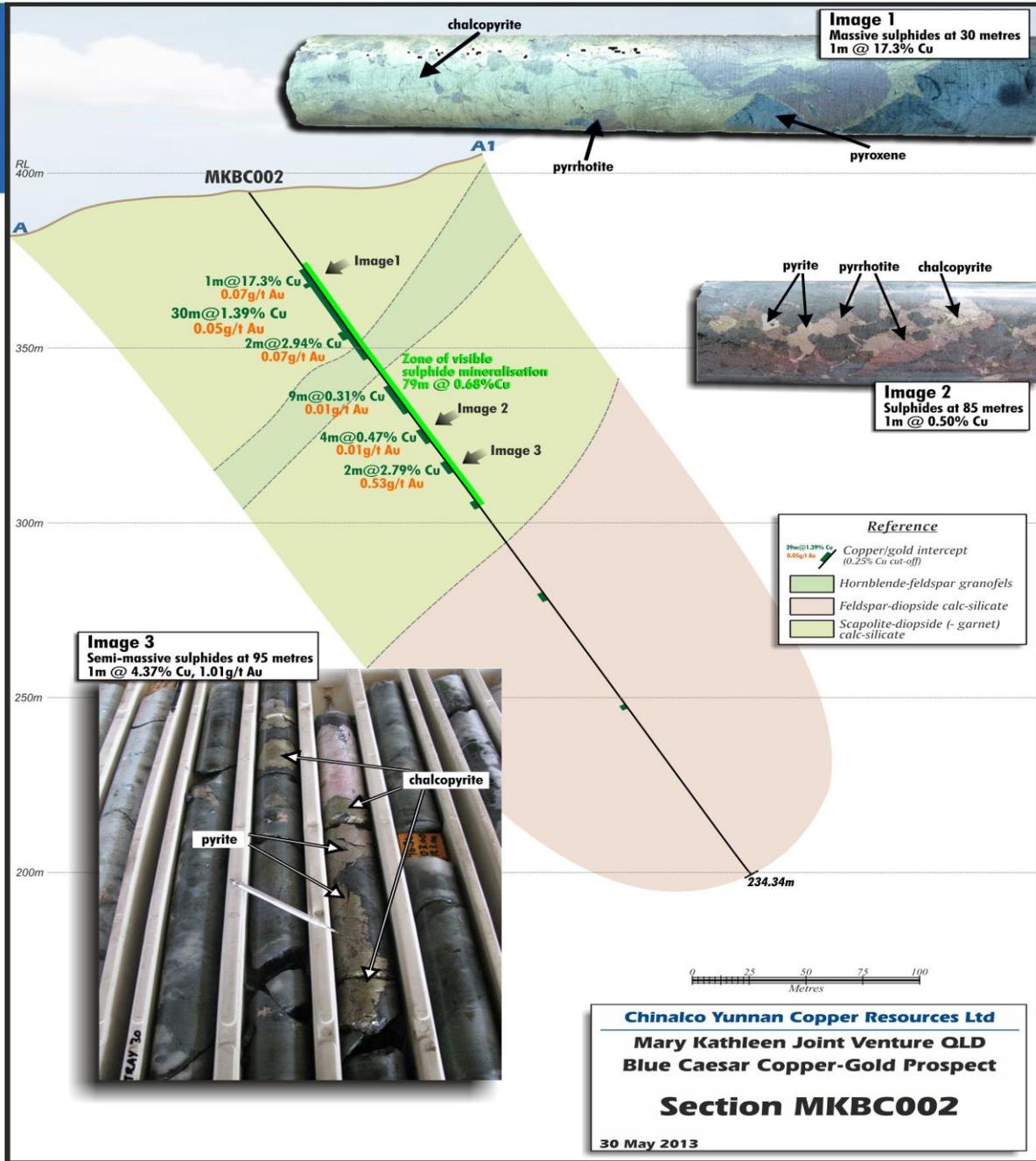
- The most recent drillhole at Elaine (MKED036), an 850m deep vertical diamond drillhole, was designed to test the depth extent of the main mineralised zone at Elaine as mapped by resistivity anomalies defined in the **EH4 geophysics** program
- Assays for MKED036 returned a broad sulphide (pyrrhotite + chalcopyrite +/- pyrite) mineralised zone of **167m @0.50% Cu and 0.05g/t Au** from 231 metres
- In addition, MKED036 intersected 6m @ 207ppm uranium oxide, 813ppm thorium oxide and 4,938ppm total rare earth oxides from 638 metres and 10m @ 107ppm uranium oxide, 330ppm thorium oxide and 2,490ppm total rare earth oxides from 712 metres

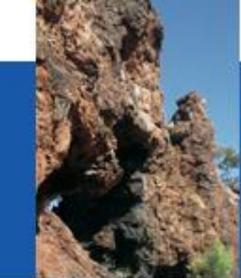




## Blue Caesar Project – Phase 1 Program

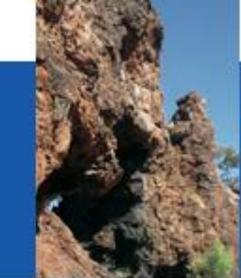
- Phase 1 (3 hole) drilling program conducted in April/May 2013
- Drillholes MKBC002 and MKBC003 defined a **135m strike extent** that is characterised by very near-surface disseminated, predominantly Cu sulphide mineralisation
- MKBC002 established a broad zone of sulphide mineralisation grading **79m @ 0.68% Cu from 20m vertical depth** including 1m @ 17.3% Cu from 30m downhole depth
- MKBC003 established a zone of visual mineralisation grading 54m @ 0.40% Cu from 30m vertical depth including 2m @ 3.44% copper from 38m downhole depth





## Blue Caesar Project – Phase 2 Program

- Phase 2 (5 drillhole) program commenced at Blue Caesar in July 2013
- Drillhole MKBC004 tested the down-dip extension of mineralisation from MKBC002 and MKBC005 tested the northerly strike extension of known mineralisation
- MKBC004 featured mineralisation of 40m @0.66% Cu and 0.04g/t Au from 34m
- MKBC005 featured mineralisation of 35m @0.77% Cu and 0.04g/t Au from 26m



## Roseby South/ Millenium – Immediate Targets

CYU's preliminary review of the data has identified:

- Three Priority 1 targets at Federal, Companion and Lost Treasure
- Four secondary targets and numerous tertiary targets

The Federal Prospect (which includes the Millenium mining leases) has drive-up drill targets on the existing mining leases with potential grades of:

- **10.6m @ 2% Cu and 0.23% Co**
- **11m @ 2% Cu (no Au or Co assays) at the end of a shallow percussion drillhole** – drilled underneath a costean with significant Cu, Au and Co assays
- **The above two drillholes are separated by 250m strike length**

Immediate target areas!!



# Chile: CYU in the Porphyry Copper Belt

- Palmani project is a farm-in with Rio Tinto
- Sulfato project is a farm-in with Chile's Codelco – in the region near the Collahuasi copper mine
- Humito is 100% owned by a CYU subsidiary. Includes an area under farm-in with Xstrata Chile.

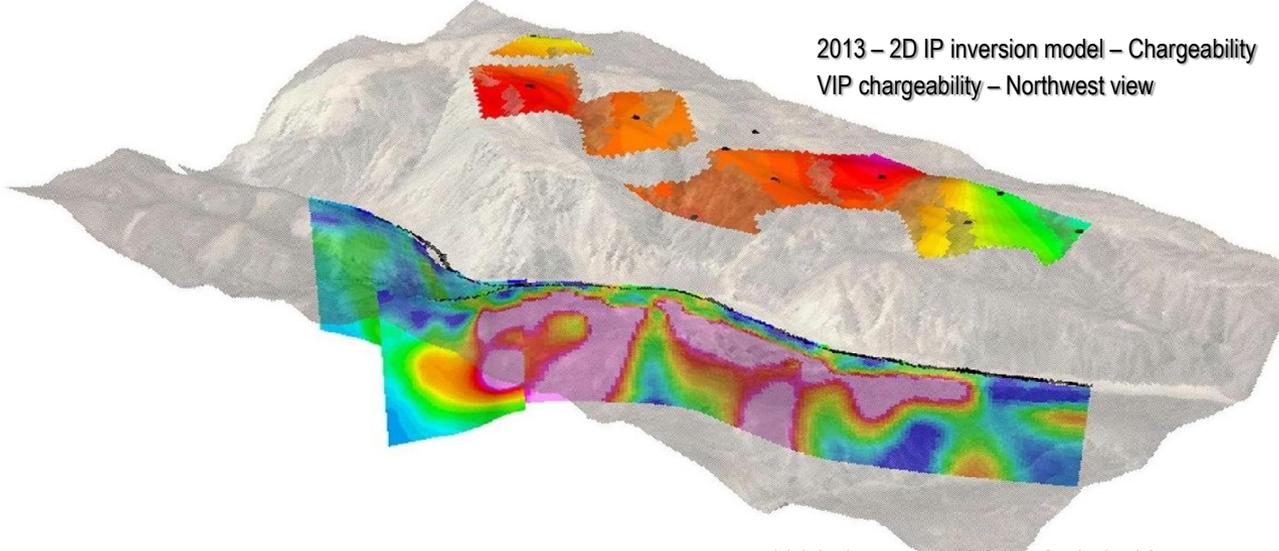




# Chile – Exploration Program at Sulfato



2013 – 2D IP inversion model – Chargeability  
VIP chargeability – Northwest view

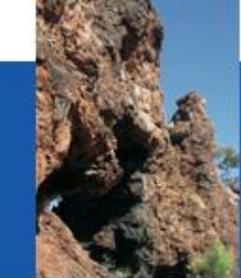


**untested** potential deep seated porphyry zone – previous (1997) drilling 92m @ 0.65% copper

# San Mu Mining JV

- Yunnan Copper San Mu Mining Industry Co. Ltd (“San Mu”) is a Chinese-registered corporation
- San Mu’s Articles establish a corporate purpose of exploring and developing minerals in China and neighboring countries
- CYU holds 51% of the shares in San Mu. 49% held by Yunnan Copper Industry (Group)
- Exploration activities recently conducted in northern Laos at Xinzhia and Jiuzhai
- Limited exploration success to present time – northern Laos projects to be sold
- Yunnan Copper representatives continue to assess these and potential future project opportunities in Laos, Cambodia and other nearby regions.





## CYU'S Board of Directors



Mr Zhihua Yao (Chairman) – mining engineer with 30 years experience in mining and exploration in China. Deputy General manager of Chinalco Yunnan Copper Industry (Group) Co Ltd since 2010



Mr Paul Williams (Managing Director) – commercial lawyer with almost 30 years experience with the operations of mining and other public companies. Most recently with Mitsui's Coal Division



Mr Robert Yang (Director) – Commerce major from Uni of NSW, with 20 years experience in mineral resources trading and project investment

ASX (Australia) Code – CYU

(As at 27 September 2013):

Shares on issue – 247.99m

Market capitalisation – A\$13.1m

Average daily volume – 97,600 shares

Debt – Nil

Cash – A\$1.5m

Substantial shareholder – Yunnan Copper Industry (Group) Co., Ltd (43%)

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