



# AGM PRESENTATION

SYDNEY 18 NOVEMBER 2011



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# PROJECT HIGHLIGHTS

## Significant exploration success at Nymagee Copper Deposit has led to the integration of the Hera-Nymagee Project

- Nymagee evolving into a major high-grade copper and polymetallic deposit
- Proximity to Hera provides opportunity for centralised processing plant
- Robust Stage 1 development of Hera will establish solid platform for the larger Nymagee development in Stage 2
- Expansion from Stage 1 to Stage 2 to establish major precious and base metal production

### STAGE 1: HERA DEPOSIT (YTC-100%) – DFS COMPLETE

- Near-term, high-grade gold-lead-zinc-silver development
- +670,000oz gold equivalent\* Resource at 8.6g/t Au Eq\*
- 7.3 year mine life
- Average annual production of 50,000 Au Eq.\*\* ounces
- Operating costs of A\$395/ounce (after Pb-Zn credits)
- Hera deposit open to north and south

### STAGE 2: NYMAGEE DEPOSIT (YTC-90%) – DRILL OUT UNDERWAY

- Major copper rich polymetallic deposit unfolding, 4.5km from Hera
- High grade copper-lead-zinc & silver open to north and at depth
- Strong geological analogue to the giant CSA Mine
- Maiden resource due 4Q 2011

\*Refer Appendix 1 – Gold Equivalents Hera DFS & Mining Reserve

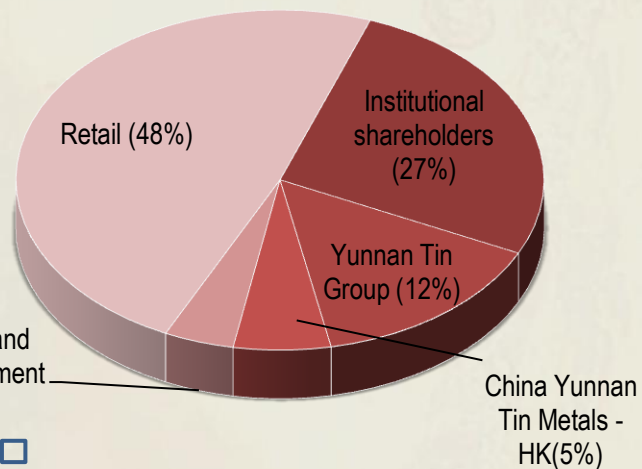
\*\* Refer Appendix 2 – Gold Equivalents Hera Resource



# CORPORATE HIGHLIGHTS

- 2 Capital Raisings completed in the year provides the company with a strong cash balance:
  - \$10m Oct 2010 (25c)
  - \$25m Mar 2011 (57c)
- Ownership of Nymagee JV lifted to 90%
- Sale of New England tin interests to Taronga Mines

## Major Shareholders (approx. %)



|                                    |                |
|------------------------------------|----------------|
| Shares on issue                    | 248.7 m        |
| Options on issue                   | 5.425m         |
| <b>Market Cap</b> (at 50 c/share ) | <b>\$124m</b>  |
| Est Cash ( Nov 2011)               | \$22m          |
| <b>Enterprise Value</b>            | <b>\$ 102m</b> |

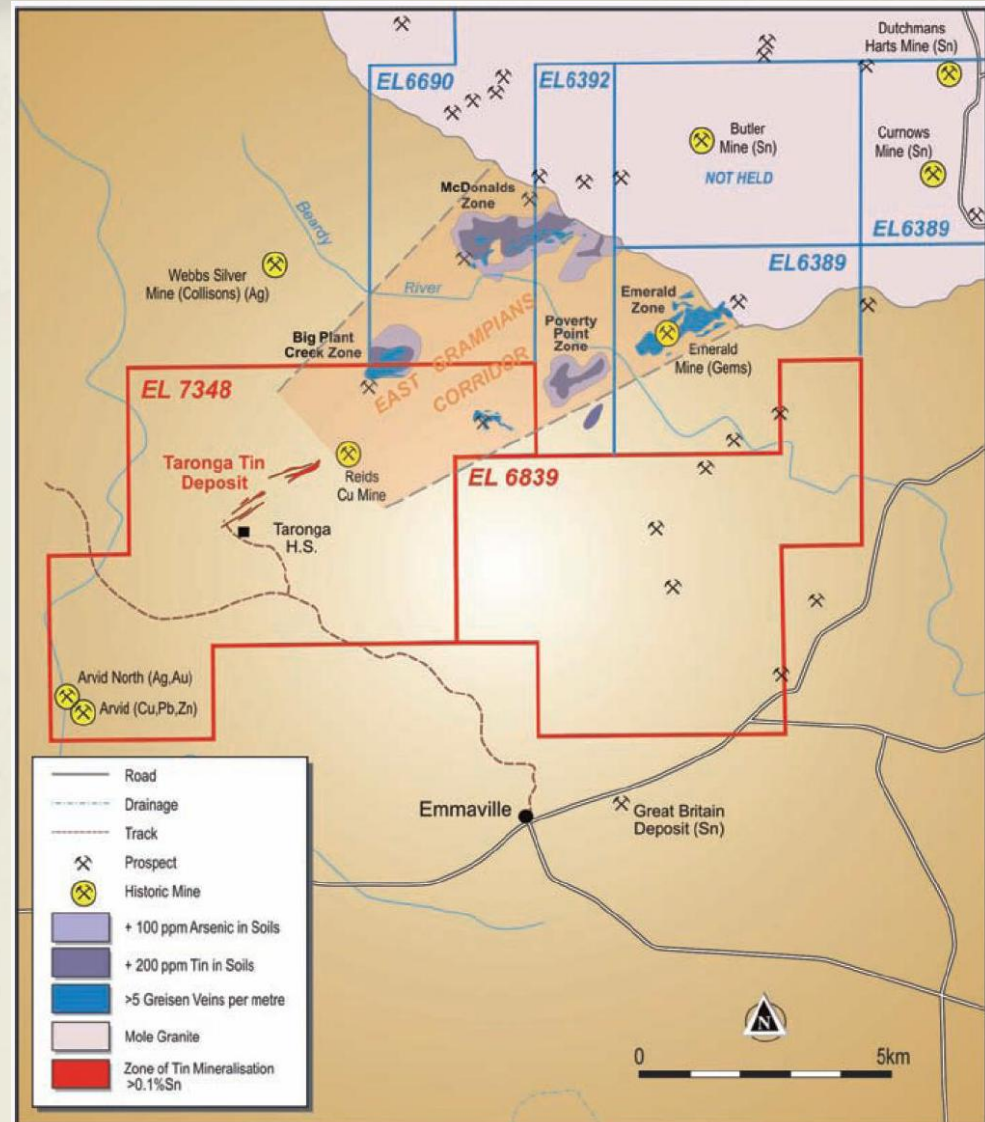
# TARONGA MINES

## UPDATE

Agreements between YTC, Taronga Mines (TAZ) and Australian Oriental Mines (AOM) have now completed. Under these agreements:

- 12.4 million TAZ shares and 5.5 million TAZ options were issued to YTC representing 25.8% of TAZ's issued capital
- 160,970 YTC shares were issued to AOM at a consideration price of \$0.62 per share
- Exploration tenements EL 6389, 6392, 6690 and 7280 were relinquished by YTC

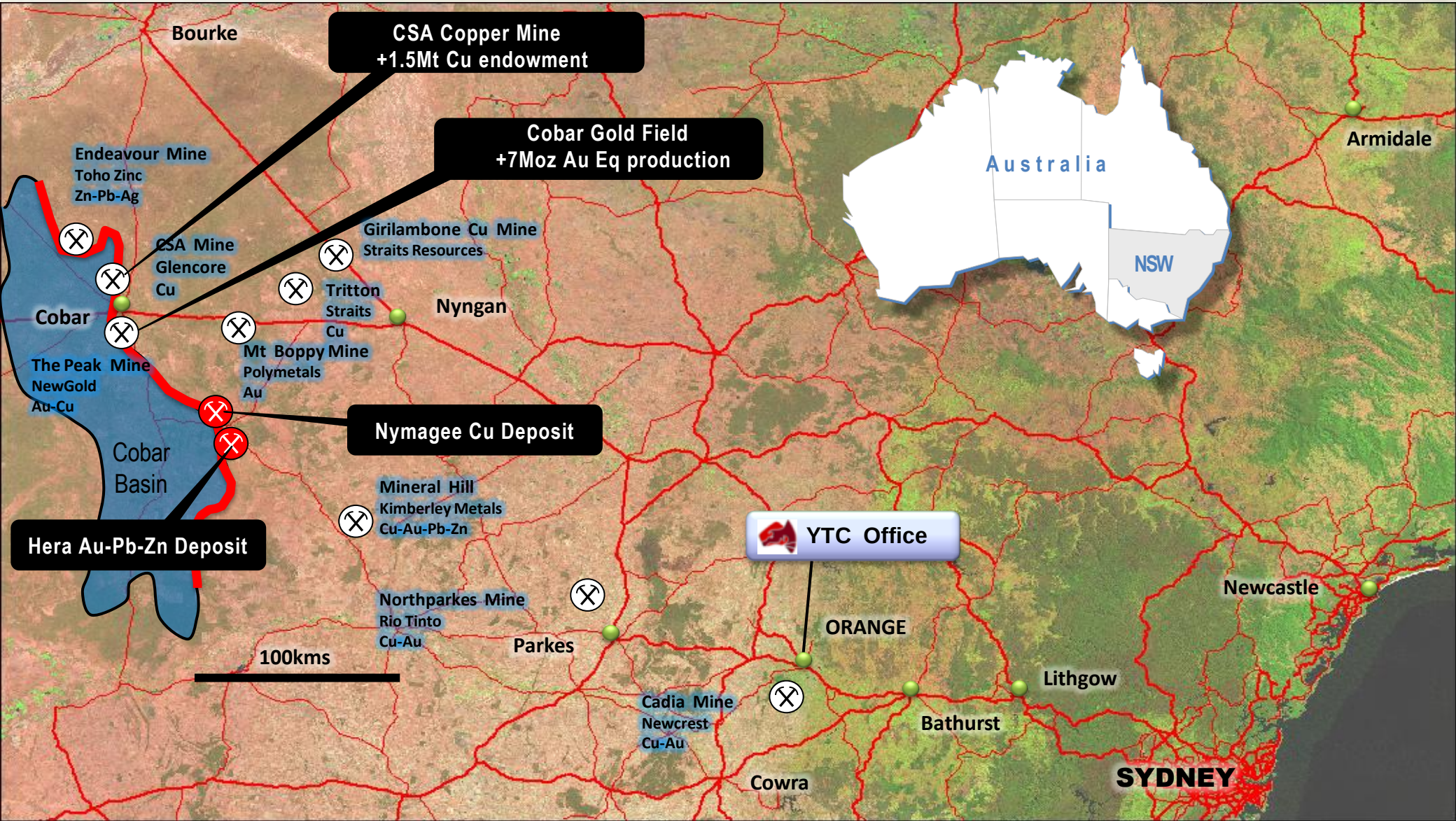
TAZ have advised YTC that the Taronga Mines IPO is temporarily on hold pending more favourable market conditions. YTC will advise on the proposed TAZ listing date once received.





# HERA-NYMAGEE PROJECT

## LOCATION

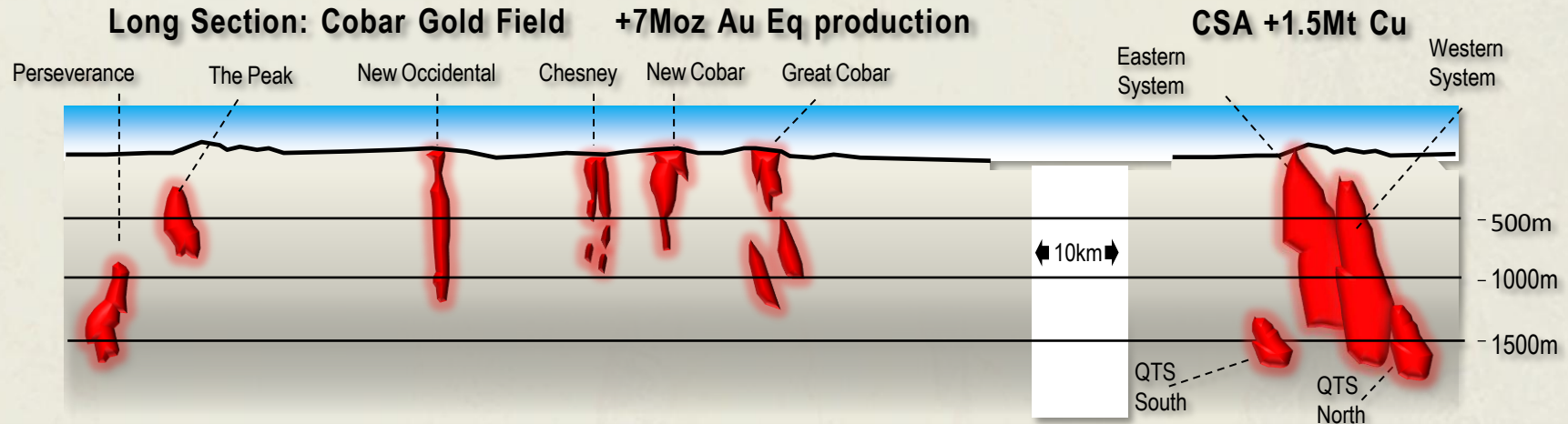




# COBAR BASIN DEPOSITS

LONG LIFE, HIGH GRADE – VERTICAL CONTINUITY

## COBAR DISTRICT – LONG SECTION



## NYMAGEE DISTRICT – LONG SECTION

**Hera Gold and Base Metals**

Resource: 670koz Au Eq

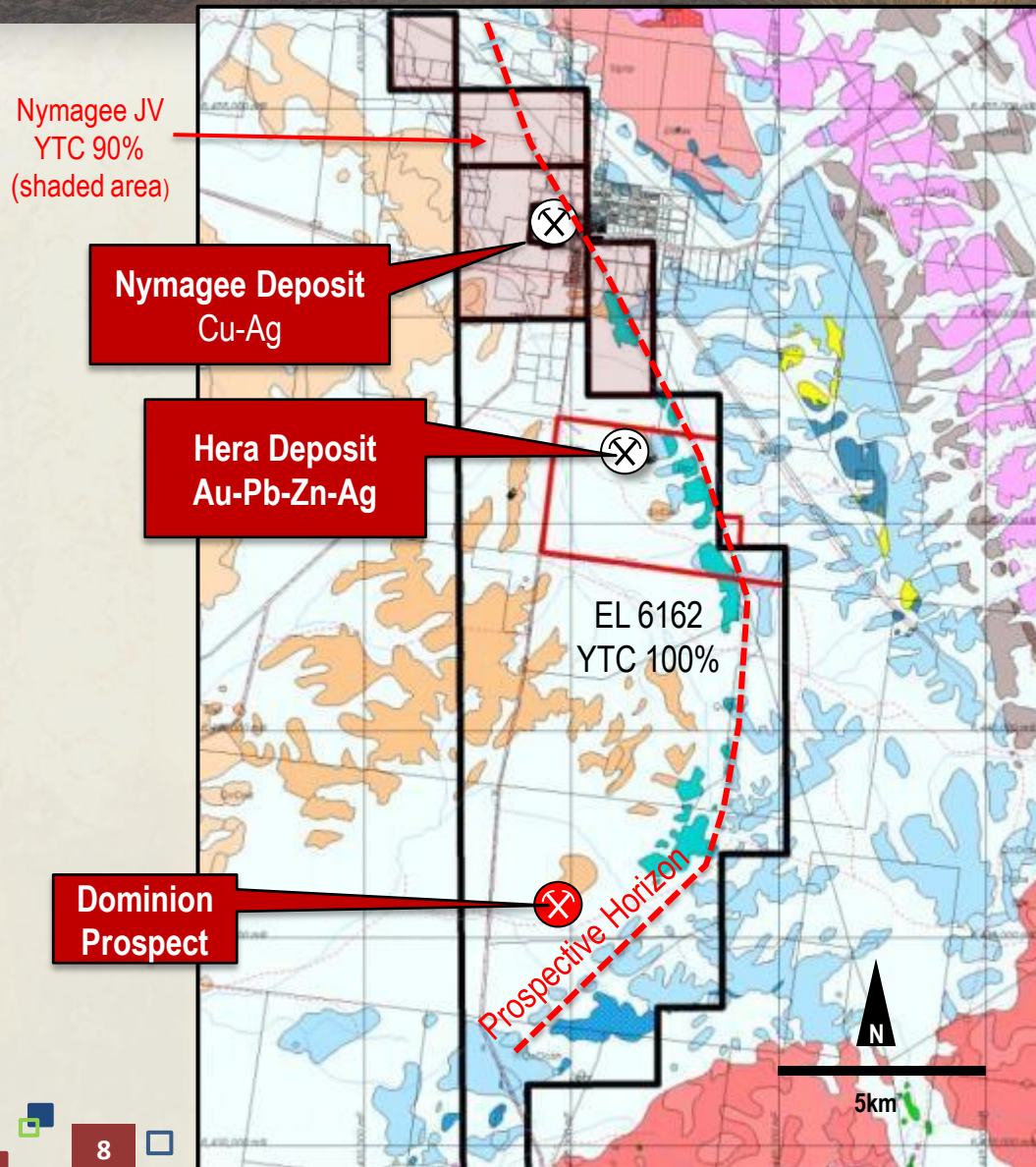
Reserve: 423koz Au Eq.

**Nymagee Cu Mine**

Historic: 422kt @ 5.8% Cu

# TENEMENT COVERAGE

25KM OF PROSPECTIVE STRIKE



- Hera & Nymagee deposits located immediately west of the Rookery Fault, near the eastern margin of the Cobar Basin
- Equivalent structural position as CSA Copper Mine and Peak Gold Mine
- YTC controls 25km of prospective strike
- Numerous gravity and geochemical targets for future drill testing



# STAGE 1 – HERA DEVELOPMENT

## HERA DFS COMPLETE

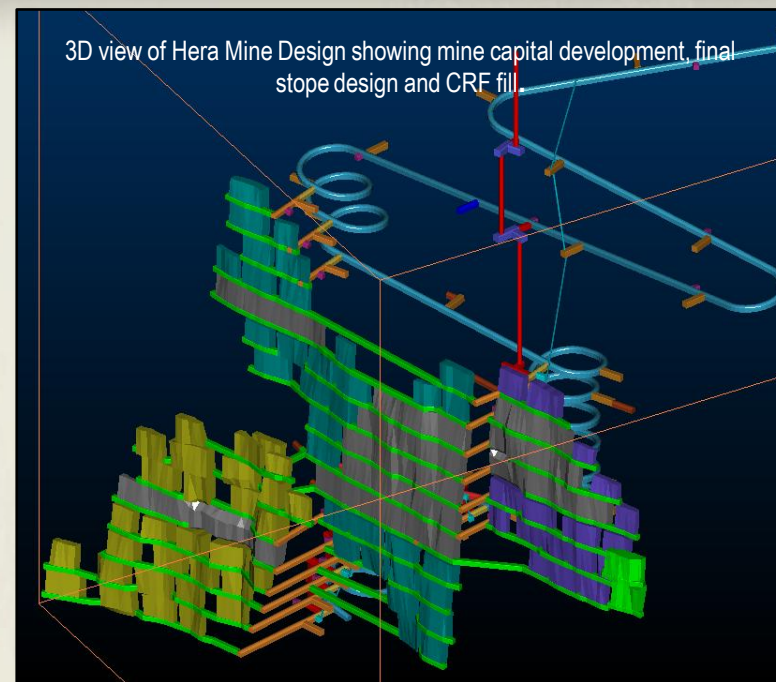
- Hera DFS confirms a financially & technically robust project producing gold-silver doré bars and a bulk lead-zinc concentrate
- Resource 677,200 ounces Au Eq. at grade of 8.6g/t Au Eq.
- Reserve 423,471 ounces Au Eq. at grade of 7g/t Au Eq.
- Minimum 7.3 year mine life
- >A\$510 million revenue generated in Stage 1
- Net Revenue (pre tax profit):
  - \$94.8m at Au = A\$1450/oz
  - \$152m at Au = A\$1750/oz
- Production of >390,000 ounces (gold equivalent) over life of mine
- Average annual production exceeds 50,000 Au Eq. ounces over life of mine
- Life of Mine gold recovery of 94%
- Operating costs of A\$395 per ounce (after Pb-Zn credits)
- Pre-Production capital of \$73.5m



# STAGE 1 – HERA DEVELOPMENT

## DFS COMPLETE

|                                                                                                                                                                                                                                        | HERA DFS                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>Diluted Reserve</b> (tonnes)                                                                                                                                                                                                        | 1,875,918                                                                            |
| <b>Diluted Reserve Grade</b> <ul style="list-style-type: none"> <li>g/t Au (on gold equivalent basis)</li> <li>Net Smelter Return (NSR)</li> </ul>                                                                                     | 7g/t Au Eq.<br>\$218 / tonne                                                         |
| <b>Mine Life</b> (box cut to last revenue)                                                                                                                                                                                             | 7.3 years                                                                            |
| <b>Mining &amp; Process Rate</b>                                                                                                                                                                                                       | 350,000 tpa                                                                          |
| <b>Payable Metal Production</b> <ul style="list-style-type: none"> <li>Gold Production (to dore)</li> <li>Silver Production (to dore)</li> <li>Zinc Production</li> <li>Lead Production</li> <li>Gold Equivalent Production</li> </ul> | 204,274 ounces<br>426,860 ounces<br>63,439 tonnes<br>43,399 tonnes<br>352,324 ounces |
| <b>Operating Costs</b> <ul style="list-style-type: none"> <li>Mining</li> <li>Milling</li> <li>Offsite costs</li> <li>Administration</li> </ul>                                                                                        | \$72.79 / tonne<br>\$34.55 / tonne<br>\$49.33 / tonne<br>\$14.25 tonne               |
| <b>Operating Margin</b> (after mining and milling)                                                                                                                                                                                     | \$105.33 / tonne                                                                     |
| <b>Operating Costs</b> (after Pb-Zn credits)                                                                                                                                                                                           | \$394.60 / Au ounce                                                                  |
| <b>Pre-Production Capital Costs</b> (to first ore)                                                                                                                                                                                     | \$73.5 million                                                                       |
| <b>Net Revenue</b> (pre-tax Profit) <ul style="list-style-type: none"> <li>A\$1,450/oz gold price</li> <li>A\$1,750/oz gold price</li> </ul>                                                                                           | \$94.8 million<br>\$152 million                                                      |



Key DFS Inputs

| Item                      | Input   | Units      | Source               |
|---------------------------|---------|------------|----------------------|
| Lead Price                | \$2,500 | US\$/Tonne | LME 15 month buyer   |
| Zinc Price                | \$2,318 | US\$/Tonne | LME 15 month buyer   |
| Gold Price                | \$1,450 | US\$/Ounce | 20% discount to spot |
| Silver                    | \$32    | US\$/Ounce | 20% discount to spot |
| Gold Recovery to Dore     | 94%     | Recovery   | DFS Metallurgy Study |
| Silver Recovery to Dore   | 47%     | Recovery   | DFS Metallurgy Study |
| Lead Recovery to bulk Con | 91%     | Recovery   | DFS Metallurgy Study |
| Zinc Recovery to bulk Con | 90%     | Recovery   | DFS Metallurgy Study |
| Bulk Concentrate Grade    | 56%     | Pb + Zn    | DFS Metallurgy Study |
| Exchange Rate             | 1.00    | AUD/USD    | Consensus Forecast   |



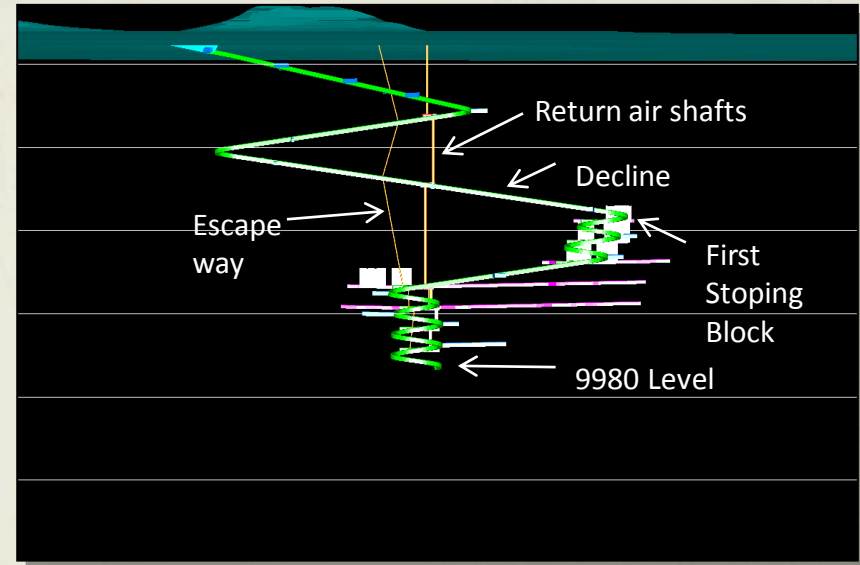
# STAGE 1 – HERA DEVELOPMENT

## OPEX & CAPEX SUMMARY

### PRE-PRODUCTION CAPEX

Pre-production capital costs for the project are estimated to be \$73.5m, being the sum of surface and process plant infrastructure and pre-production mine capital costs as summarised in the Table below.

| Item                                   | Total Cost            |
|----------------------------------------|-----------------------|
| Mining & Infrastructure (to first ore) | \$26.8 million        |
| Milling (to commissioning)             | \$40.8 million        |
| Administration                         | \$5.9 million         |
| <b>TOTAL</b>                           | <b>\$73.5 million</b> |



Hera long section showing pre-production mine capital

### SITE OPERATING COSTS

Mine Operating costs are established from a tendered schedule of rates.

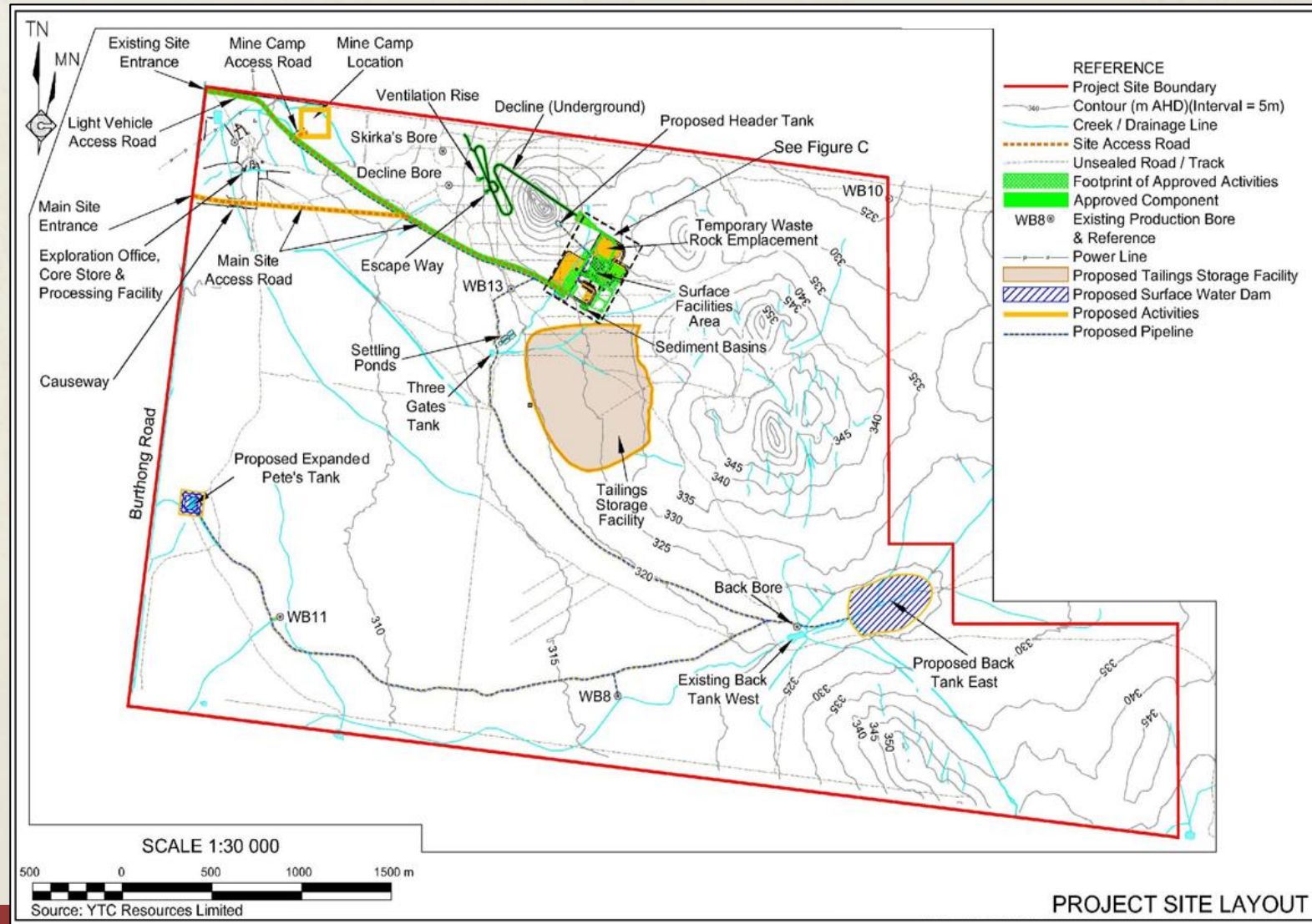
Mill operating costs provided by Gekko systems.

| Item           | Cost / Tonne     |
|----------------|------------------|
| Mining         | \$ 72.79         |
| Milling        | \$ 34.55         |
| Administration | \$ 14.25         |
| <b>TOTAL</b>   | <b>\$ 121.59</b> |



# STAGE 1 – HERA DEVELOPMENT

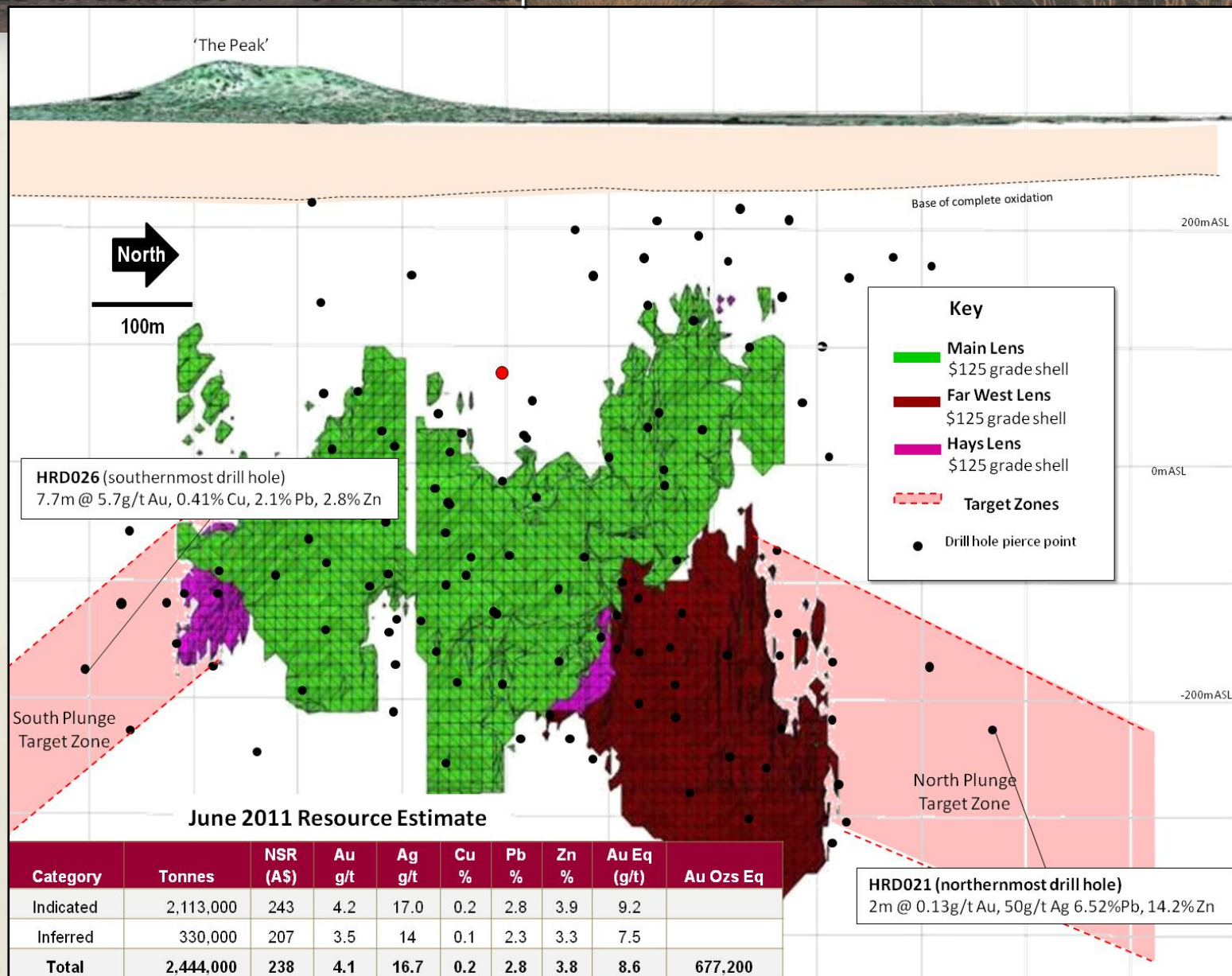
## SITE LAYOUT





# HERA RESOURCE

UPGRADED IN JUNE 2011 – 677kOz Au Eq

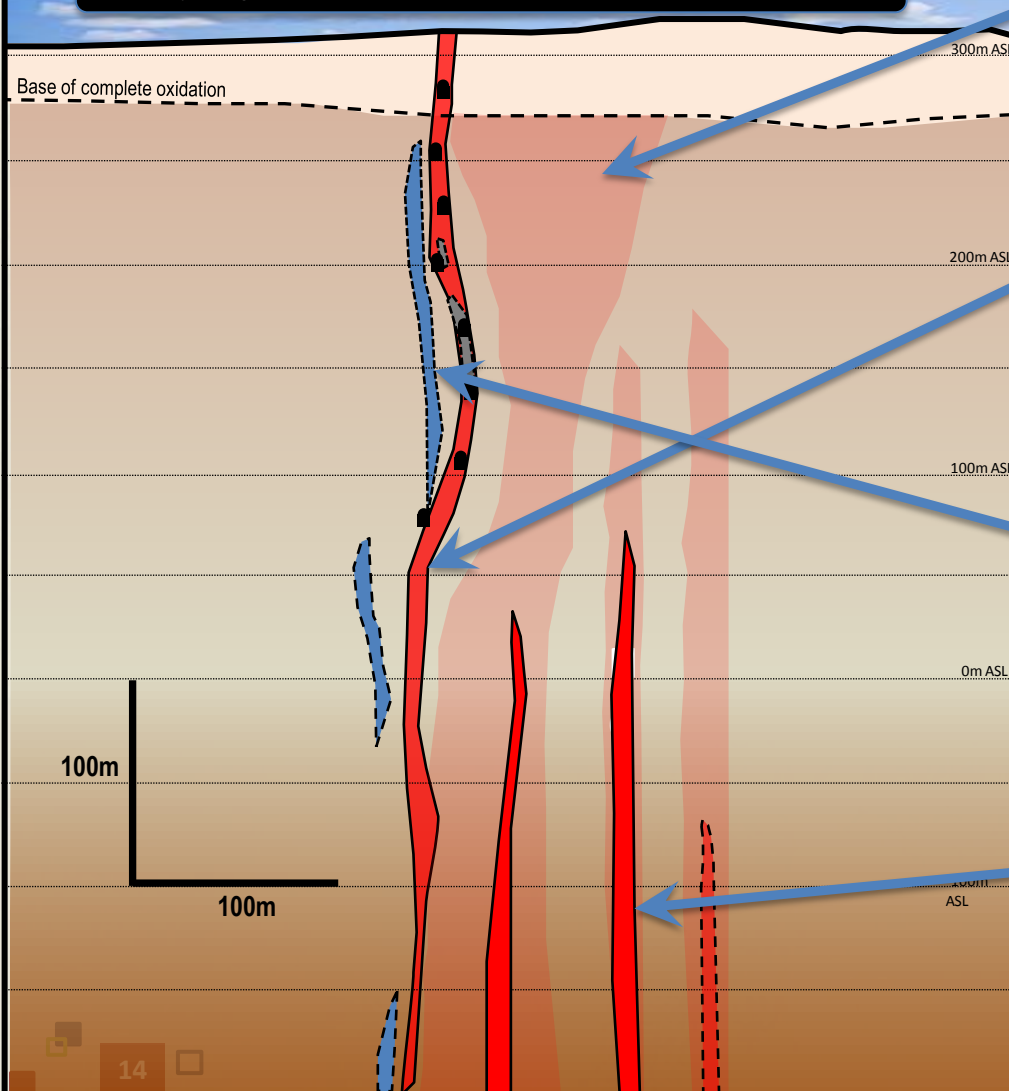




# NYMAGEE DEPOSIT – SCHEMATIC SECTION

YTC – 90%

Nymagee Cu Deposit - Schematic Cross Section



## 1. FOOTWALL ZONE – SHALLOW:

WIDE ZONE OF SHALLOW COPPER – OPEN CUT TARGET

- NMRC001: 53m @ 2.2% Cu
- NMRC002: 69m @ 1.5% Cu
- NMD038: 92m @ 1.5% Cu

## 2. MAIN LENS:

HIGH GRADE COPPER – UNDERGROUND MINE TARGET

- NMD009W2: 10m @ 7.1% Cu
- NMD038: 18m @ 6.3% Cu, 0.65g/t Au & 26g/t Ag
- NMD21W1: 36m @ 2.5% Cu

## 3. LEAD-ZINC-SILVER LENS:

HIGH GRADE Pb-Zn-Ag – UNDERGROUND MINE TARGET

- NMD032: 5m @ 17.1% Pb, 24% Zn and 265g/t Ag
- NMRC003: 8m @ 0.5% Cu, 5.7% Pb, 10.2% Zn & 57g/t Ag
- NMD031: 17m @ 3.0% Cu, 7.2% Zn
- NMD043: 8m @ 0.5% Cu, 5.0% Pb, 13.6% Zn and 125g/t Ag

## 4. FOOTWALL ZONE – DEEP:

HIGH GRADE COPPER – 'BLIND' COPPER LODES

- NMD017: 12m @ 3.7% Cu
- NMD017: 6m @ 3.75% Cu
- NMD008W1: 3m @ 3.5% Cu



# NYMAGEE COPPER

## LONG SECTION – SELECTED INTERCEPTS

- Previous Drill Holes – with results
- YTC Drill Holes – 2010–Now
- Deeper Drill Hole Completed

**NMD038:**  
18m @ 6.3% Cu,  
26g/t Ag, 0.65g/t Au

**NMD001W1:**  
7.0m @ 8.3% Cu,  
46g/t Ag, 0.32g/t Au

**NMD001:**  
8.9m @ 7.2% Cu,  
24g/t Ag, 0.16g/t Au

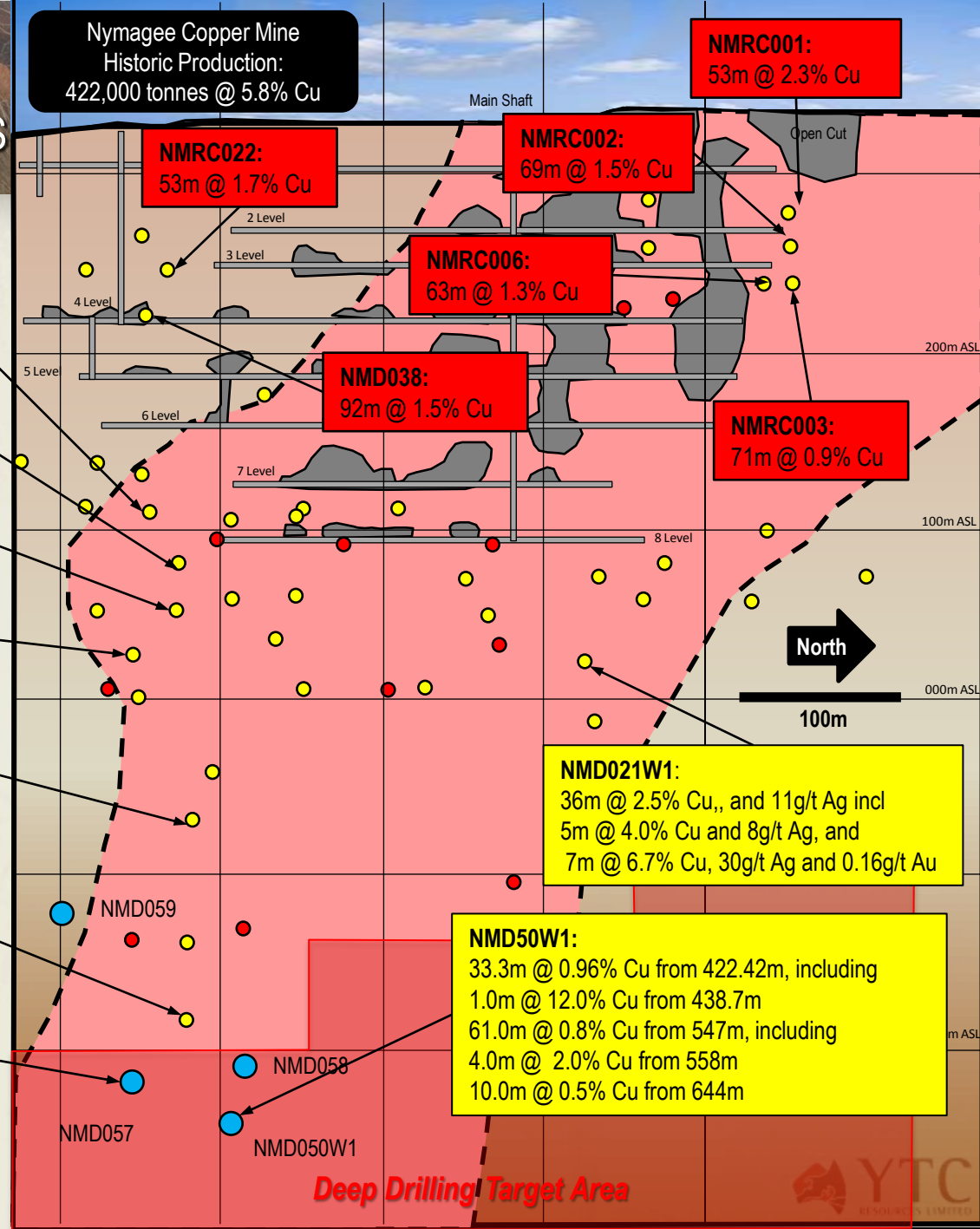
**NMD009W2:**  
10m @ 7.1% Cu, 39.7g/t Ag

**NMD008W1:**  
14m @ 5.1% Cu, 22g/t Ag and 0.27g/t Au, incl  
6m @ 7.8% Cu, 41g/t Ag and 0.60g/t Au

**NMD017:**  
12m @ 3.75% Cu (Royal lode) and  
6m @ 3.7% Cu (Club House lode) and  
7m @ 4.6% Pb, 6.8% Zn and 26g/t Ag

**NMD057:**  
16m @ 0.82% Cu from 364m  
2.0m @ 2.7% Cu from 416m  
67.0m @ 0.55% Cu from 450m

Nymagee Copper Mine  
Historic Production:  
422,000 tonnes @ 5.8% Cu



**Nymagee Copper Mine**  
**Long Section – Looking West**  
**Main Lode Drill Hole Results**

Grid: Local - Scale as Shown



# NYMAGEE Pb-Zn-Ag

## LONG SECTION – SELECTED INTERCEPTS

**NMD032:**  
5.0m @ 17.1% Pb, 24% Zn & 265g/t Ag

**NMD030:**  
5.0m @ 0.1% Cu, 7.0% Pb, 13.3% Zn & 97g/t Ag

**NMD031:**  
17m @ 3.0% Cu, 0.1% Pb, 7.2% Zn, and 14g/t Ag  
and  
9m @ 0.7% Cu, 7.0% Pb, 13.1% Zn, 52g/t Ag

**NMD052:**  
13m @ 0.6% Cu, 10.9% Pb, 20.9% Zn & 108g/t Ag

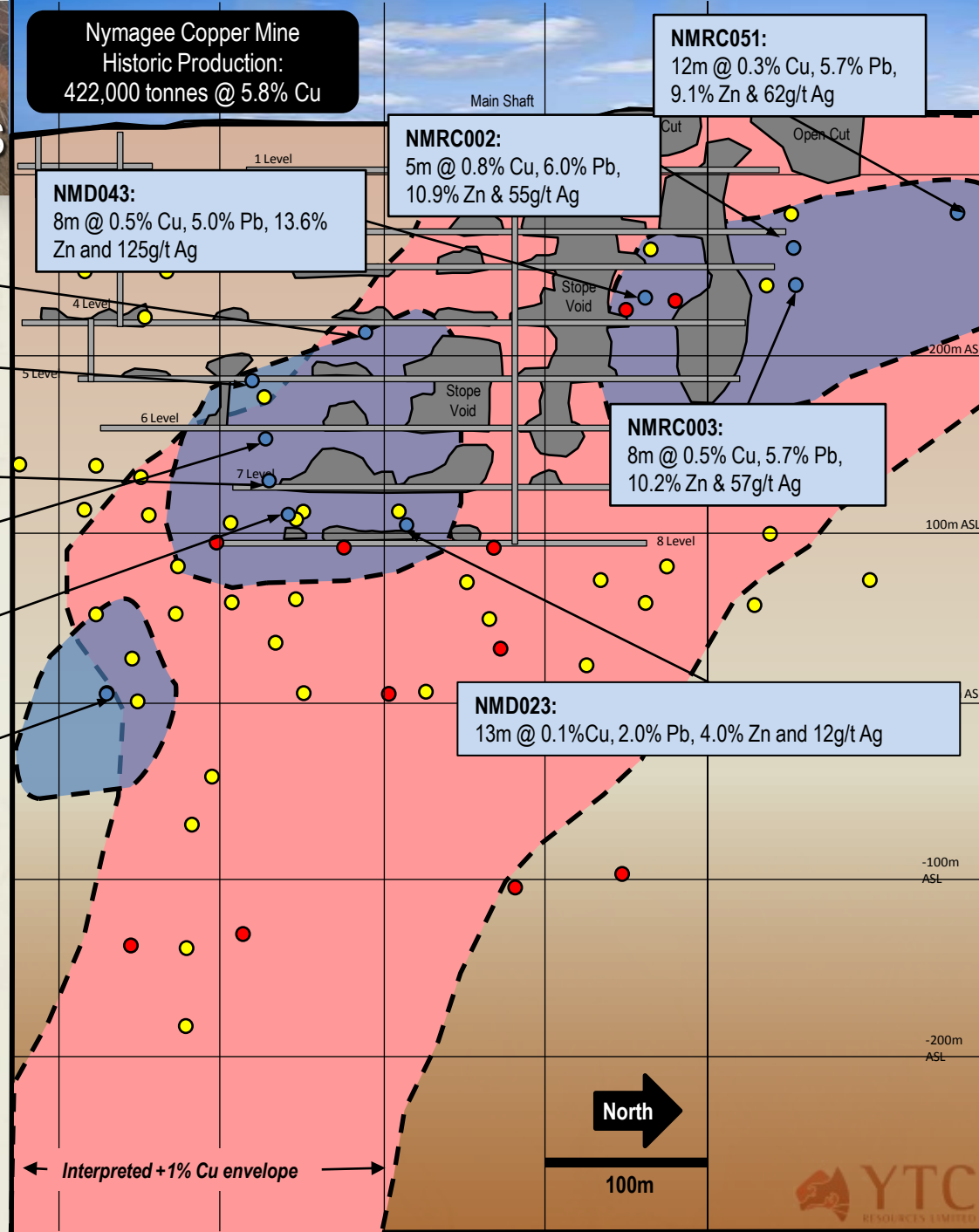
**NMD0015W2:**  
8.0m @ 4.6% Pb, 7.3% Zn, 26g/t Ag, and  
3.3m @ 6.1% Pb, 11.7% Zn and 51g/t Ag

**TNJ001:**  
9.8m @ 0.5% Cu, 7.3% Pb, 13% Zn and 36g/t Ag

- YTC Drill Holes – Pb-Zn-Ag intersections
- Previous Drill Holes – with results
- YTC Drill Holes – 2010-Now

**Nymagee Copper Mine**  
**Long Section – Looking West**  
**Pb-Zn-Ag Lode Drill Hole Results**

Grid: Local - Scale as Shown



# NYMAGEE

## DEEP DRILLING

- Deep drilling results show the Nymagee copper system now extends beyond 500m vertical
- Assays available for NMD050W1, (deepest hole) and NMD057

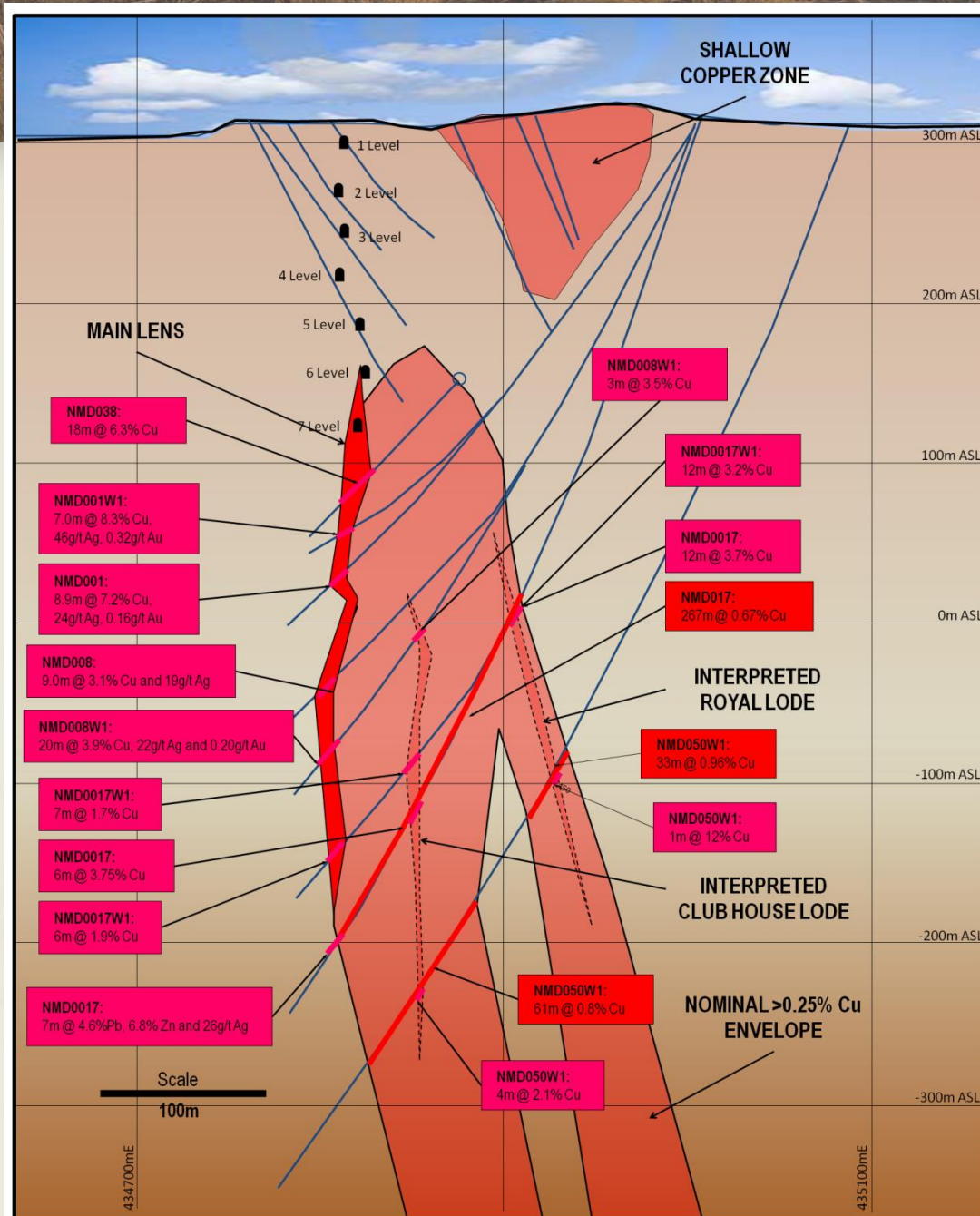
NMD50W1: 33.3m @ 0.96% Cu from 422.42m, including  
1.0m @ 12.0% Cu from 438.7m

61.0m @ 0.8% Cu from 547m, including  
4.0m @ 2.0% Cu from 558m  
10.0m @ 0.5% Cu from 644m

NMD057: 16m @ 0.82% Cu from 364m  
2.0m @ 2.7% Cu from 416m

67.0m @ 0.55% Cu from 450m  
37.0m @ 0.30% Cu from 542m

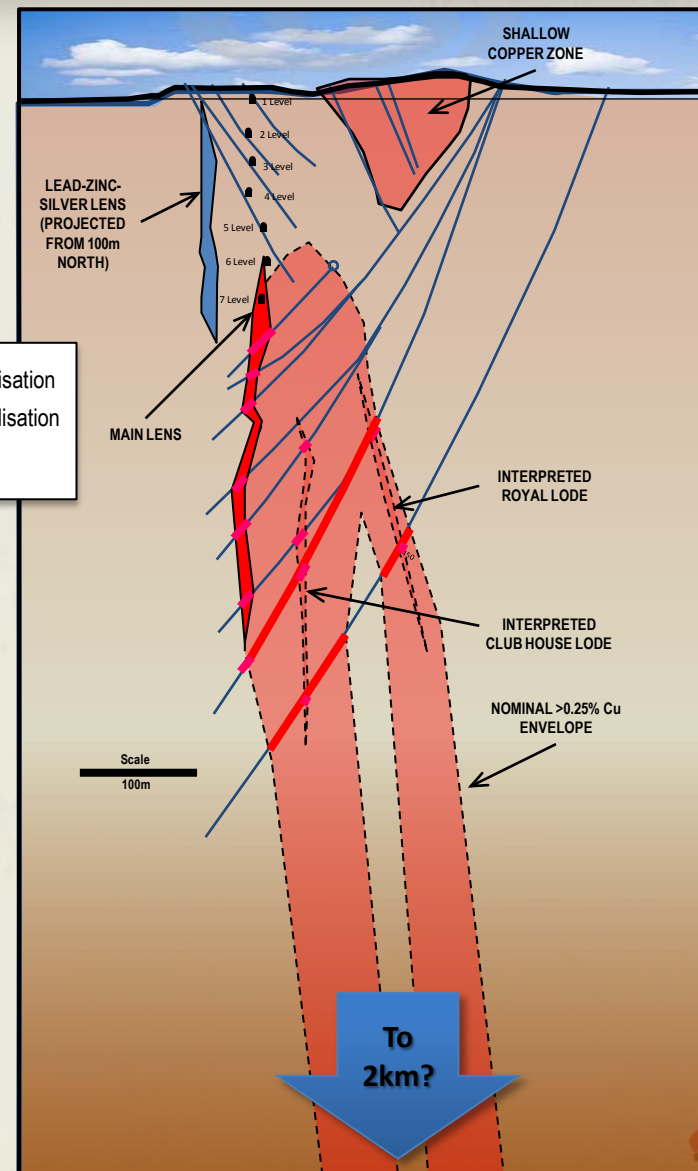
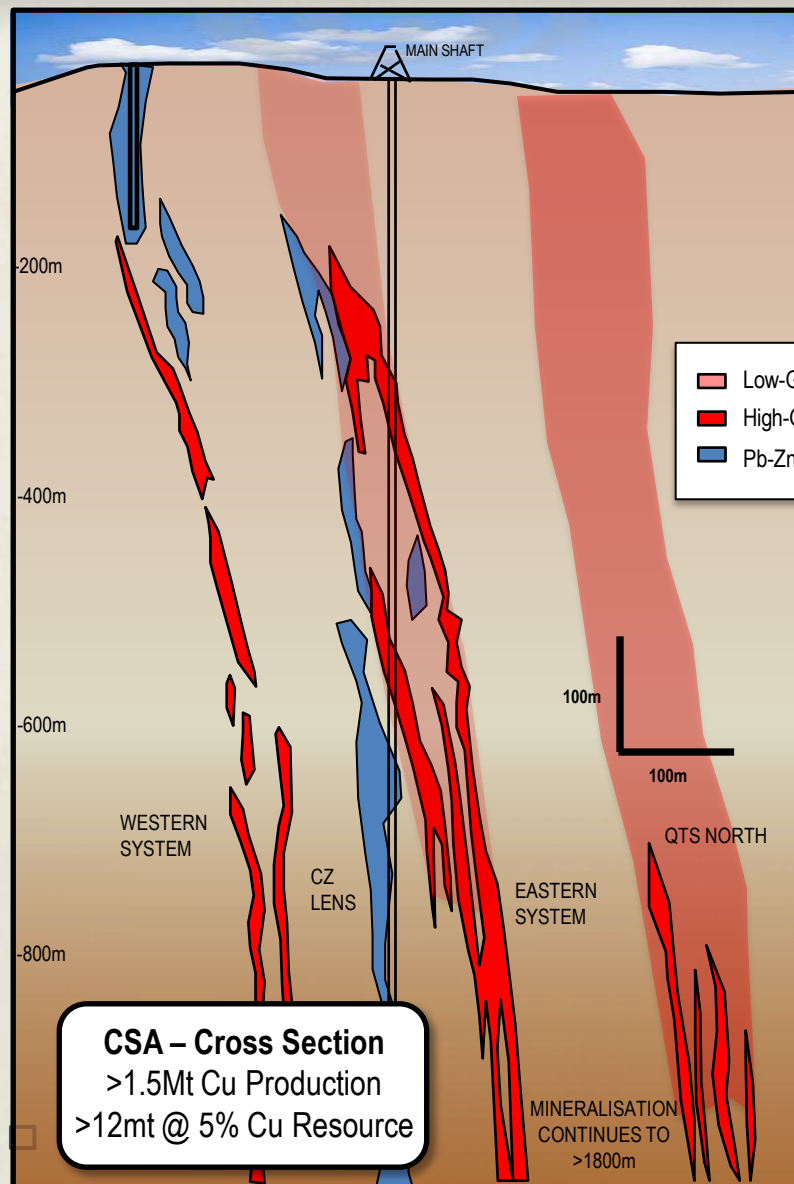
- YTC considers the results strong encouraging for vertical extensions of economic mineralisation
- A down hole EM (DHEM) survey will be completed shortly to identify further drill targets





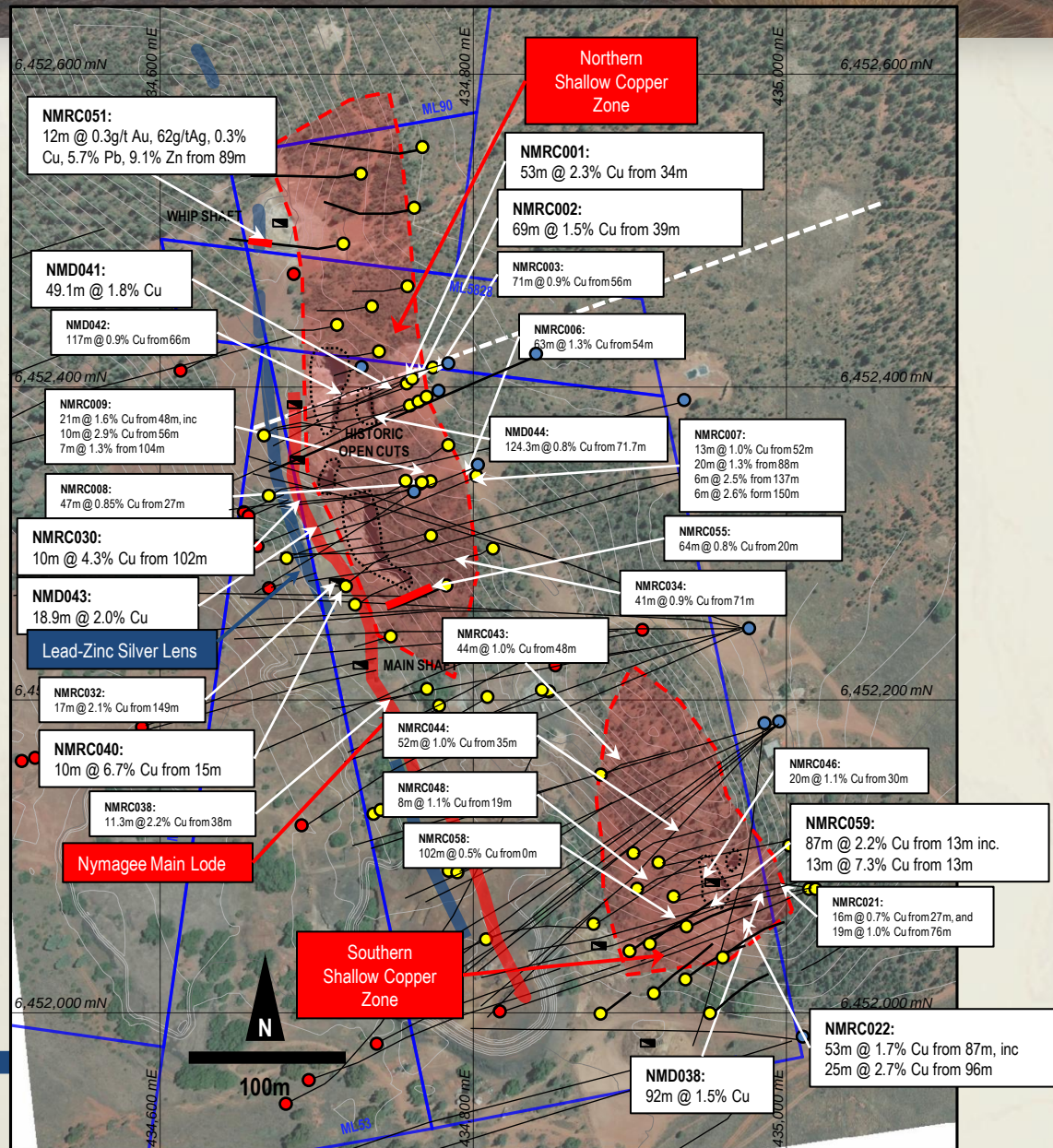
# NYMAGEE COPPER DEPOSIT vs CSA

## SCHEMATIC CROSS SECTION COMPARISON - LOOKING NORTH





# NYMAGEE – SHALLOW COPPER DISCOVERY



- Broad widths of strong, shallow copper sulphide mineralisation
- Likely to resolve into substantial, open-pittable deposit

- Drill hole – previous explorers
- RC Drill hole – YTC Resources
- DD Drill hole – YTC Resources

## Selected Results

## Nymagee Shallow Copper Plan with selected drill results



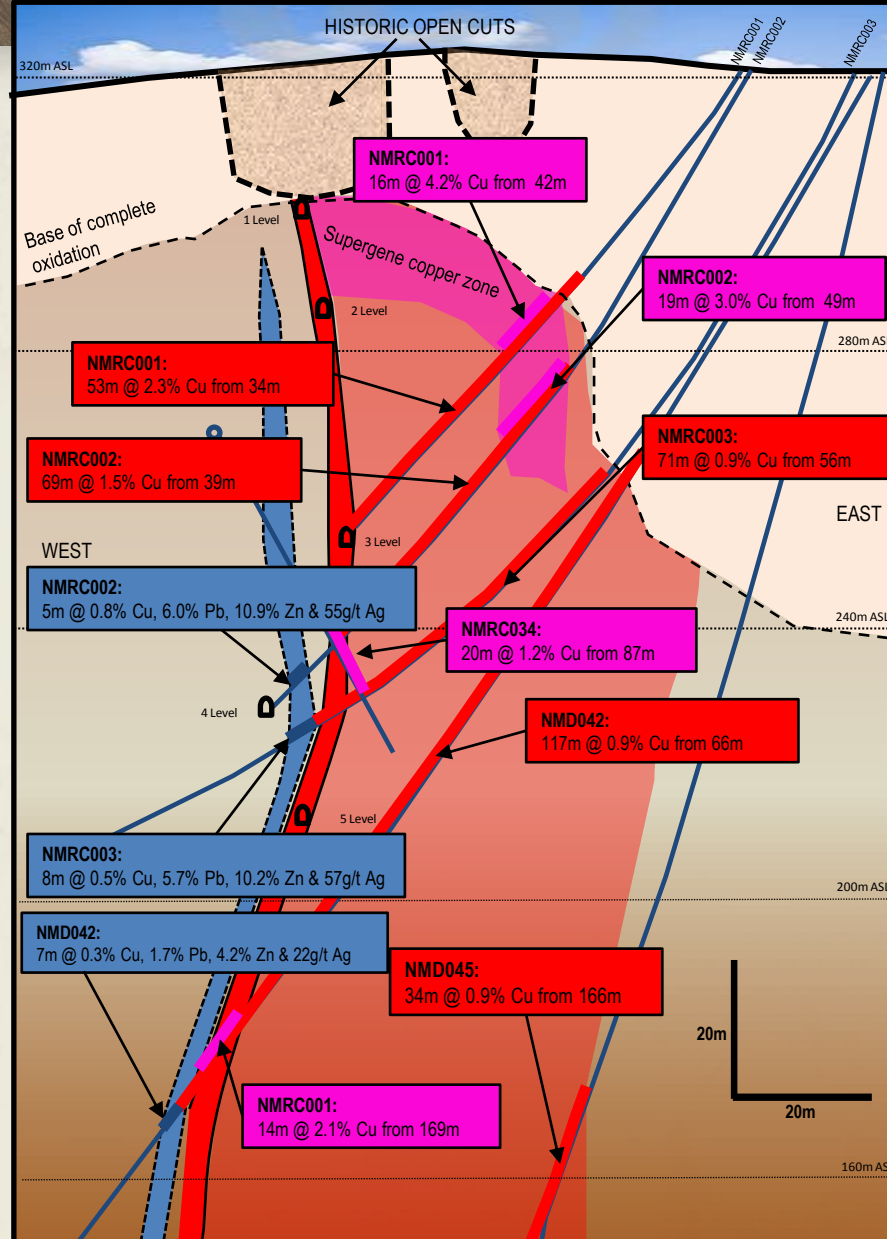
# NYMAGEE – SHALLOW COPPER DISCOVERY

## BROAD WIDTHS + SUPERGENE ENRICHMENT – OPEN TO THE NORTH

- Shallow Copper Zones at Nymagee evolving into a substantial target at open pittable depths
- Open to the north with gravity high extending for a further 500m

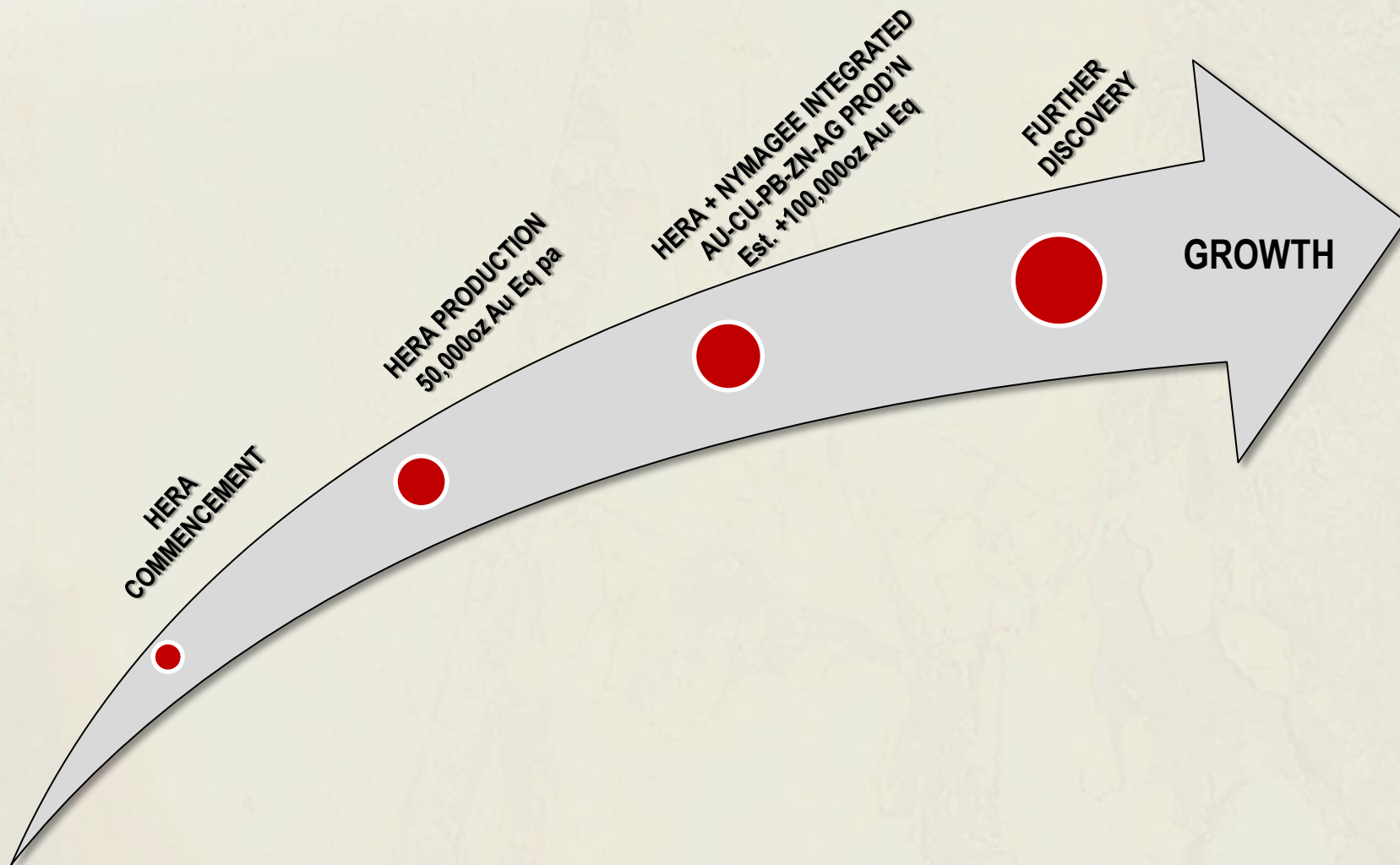
**Nymagee Shallow Copper  
Cross Section – 10150mN**

- High-Grade Lode Cu Mineralisation
- Pb-Zn-Ag Mineralisation
- Footwall Cu Mineralisation
- Selected Internal Zones



# HERA-NYMAGEE PROJECT

GROWTH ASSETS IN A PREMIER MINING ADDRESS





# SUMMARY

- **Hera DFS confirms a financially & technically robust project as Stage 1**
  - >\$510 million in revenue in Stage 1 alone
  - Operating Costs of A\$395/oz (after Pb-Zn credits)
- **Stage 1 development establishes strong foundation for development of Nymagee in Stage 2**
- **Feasibility Study evaluating integration of Hera-Nymagee continuing**
- **Nymagee continues to expand in scale**
  - New discoveries is depth and shallow potential unfolding
- **Continuing to aggressively drill out Nymagee Copper Deposit**
- **Highly experienced team assembled for transition from explorer to developer/producer**

# THANK YOU



**YTC Resources Limited**  
**ASX:YTC**

Chief Executive Officer  
2 Corporation Place  
ORANGE NSW 2800  
T: +61 2 6361 4700

E: [office@ytcresources.com](mailto:office@ytcresources.com)  
[www.ytcresources.com](http://www.ytcresources.com)



# APPENDIX 1

## GOLD EQUIVALENT CALCULATIONS – HERA DFS & HERA RESERVE

This report makes references to the Hera Ore Reserve, DFS outputs and metal equivalents. It is the Company's opinion that all the elements included in the metal equivalents calculation have a reasonable potential to be recovered.

*Au Equivalent calculation formula = (Metal price x metal grade) ÷ (gold price per oz ÷ 31.1)*

The following metal prices, exchange rates and metal recoveries and payabilities were used for the calculation of a gold equivalent.

| Metal          | Recovery | Payability | Source                                         |
|----------------|----------|------------|------------------------------------------------|
| Au             | 94%      | 100%       | YTC Metallurgical testwork and Marketing Study |
| Cu             | 88%      | 0%         | YTC Metallurgical testwork and Marketing Study |
| Pb             | 91%      | 95%        | YTC Metallurgical testwork and Marketing Study |
| Zn             | 90%      | 85%        | YTC Metallurgical testwork and Marketing Study |
| Ag to dore     | 47%      | 100%       | YTC Metallurgical testwork and Marketing Study |
| Ag to Bulk Con | 46%      | 0%         | YTC Metallurgical testwork and Marketing Study |

| Metal   | Price       | Source               |
|---------|-------------|----------------------|
| Au      | US\$1450/oz | 20% discount to spot |
| Pb      | US\$2,500/t | LME 15 month buyer   |
| Zn      | US\$2,318/t | LME 15 month buyer   |
| Ag      | US\$32/oz   | 20% discount to spot |
| AUD/USD | 1.00        | Consensus Forecast   |

# APPENDIX 2

## GOLD EQUIVALENT CALCULATIONS – HERA RESOURCE

This presentation makes a number of references to metal equivalents. These metal equivalent values refer to those included with Hera Resource Estimate released to the ASX on 2nd June 2011

It is the company's opinion that all the elements included in the metal equivalents calculation have a reasonable potential to be recovered.

*Au Equivalent calculation formula = (Metal price x metal grade) ÷ (gold price per oz ÷ 31)*

The following metal prices, exchange rates and metal recoveries and payabilities were used in the estimation of “net recoverable ore value per tonne (NSR)” and for the calculation of a gold equivalent.

| Metal          | Recovery | Payability | Source                                         |
|----------------|----------|------------|------------------------------------------------|
| Au             | 94%      | 100%       | YTC Metallurgical testwork and Marketing Study |
| Cu             | 88%      | 0%         | YTC Metallurgical testwork and Marketing Study |
| Pb             | 91%      | 95%        | YTC Metallurgical testwork and Marketing Study |
| Zn             | 90%      | 85%        | YTC Metallurgical testwork and Marketing Study |
| Ag to dore     | 47%      | 100%       | YTC Metallurgical testwork and Marketing Study |
| Ag to Bulk Con | 46%      | 0%         | YTC Metallurgical testwork and Marketing Study |

| Metal   | Price       | Source                                                                     |
|---------|-------------|----------------------------------------------------------------------------|
| Au      | US\$1200/oz | 90% of Consensus forecast, to May 2013 <i>Consensus economics, May2011</i> |
| Cu      | US\$8,370/t | 90% of Consensus forecast, to May 2013 <i>Consensus economics, May2011</i> |
| Pb      | US\$2,420/t | 90% of Consensus forecast, to May 2013 <i>Consensus economics, May2011</i> |
| Zn      | US\$2,425/t | 90% of Consensus forecast, to May 2013 <i>Consensus economics, May2011</i> |
| Ag      | US\$27/oz   | 90% of Consensus forecast, to May 2013 <i>Consensus economics, May2011</i> |
| AUD/USD | 0.90        |                                                                            |



# COMPETENT PERSONS STATEMENTS

## Competent Persons Statement – Exploration Results

The information in this presentation that relates to Exploration Results is based on information compiled by Rimas Kairaitis, who is a Member of the Australasian Institute of Mining and Metallurgy. Rimas Kairaitis has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which 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.' Mr Kairaitis consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

## Competent Persons Statement – Hera Resource Estimate

The Resource Estimation has been completed by Mr Dean Fredericksen the Chief Operating Officer of YTC Resources Ltd who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Dean Fredericksen has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which 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.' Mr Fredericksen consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

## Competent Persons Statement – Hera Ore Reserve

The Information in this report relating to Ore Reserves is based on work undertaken by Mr Michael Leak of Optiro Pty Ltd under supervision of Mr Sean Pearce. This report has been compiled by Sean Pearce, who is a Member of the Australasian Institute of Mining and Metallurgy. Sean Pearce has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which 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.' Mr Pearce consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.