# JUNE 2010 QUARTER HIGHLIGHTS

## HERA DEFINITIVE FEASIBILITY STUDY (DFS)

• New Mineral Resource Estimate for the Hera Deposit of **>560,000oz Au Eq**\*\* defined at a "net recoverable ore value per tonne" cut-off of A\$125/tonne.

Tonnes	Au	Ag	Pb	Zn	Cu	Au_Eq**	Contained
	g/t	g/t	%	%	%	g/t	Au** Ozs_Eq
2,180,000	4	15.6	2.8	3.9	0.2	8	560,710

Table 1: Indicated + Inferred Resources for the Hera Deposit at A\$125 "net recoverable ore value per tonne" cut-off. Tonnage estimates have been rounded to nearest 1,000 tonnes. Metal grades have been rounded to nearest decimal place. Notes to the Resource Estimation are included as Appendix 1 to this release.

\*\* Metal prices assumptions and metal equivalent calculations are included in Appendix 1.

- Final Mine design underway
- Mine permitting process commenced
- Metallurgical drill hole HRD023W1 confirmed the strong continuity of the Hera Main Lens, intersecting:
  - o 153m @ 3.74g/t Au\*, 12g/t Ag, 1.9% Pb and 1.9% Zn from 254m, including
  - o 56m @ 8.39g/t Au\*, 31g/t Ag, 4.58%% Pb and 4.34% Zn from 281m
- Final metallurgical studies near completion. Most recent results confirm the excellent metallurgical properties of the Hera ore
- Sterilisation drilling completed
- DFS expected to be completed in September

#### HERA EXPLORATION

- Shallow RC drilling defines new, shallow, high-grade gold-zinc mineralisation above the Hera Deposit.
  - o HRRC001: 5m @ 5.64g/t Au\*, 1.47% Pb and 5.51% Zn from 116m, and
  - o HRRC002: 6m @ 2.94g/t Au\*, 0.67%Pb and 1.21% Zn from 106m
- Major exploration programme commenced, testing;
  - Beneath the Nymagee Copper Mine
  - Resource extensions of the Hera Deposit
  - Exploration targets in the greater Hera area, including gravity and VTEM targets in the Hebe-Zeus area
  - VTEM targets west of Hera
  - Dominion Prospect

#### BALDRY PROJECT

• IP geophysics identifies significant new gold-silver vein target parallel to the historic Mt Aubrey Gold Mine. This zone is a high priority drilling target for the following quarter.

#### CORPORATE

- A\$1.5m success fee received from the Yunnan Tin Group.
- YTC cash reserves of \$8.36 at 30 June 2010





## HERA PROJECT – DEFINITIVE FEASIBILITY STUDY

#### Hera Resource Estimation

As part of its ongoing Definitive Feasibility Study ("DFS") into mining the Hera Gold Project, YTC Resources Limited ("YTC" or "The Company") has completed an updated JORC-compliant mineral resource estimate for the Hera Gold Deposit.

The estimation has been defined at a "net recoverable ore value per tonne" cut-off of A\$125/tonne to define a Global Resource for the selected lenses of:

Cut-off	Category	Tonnes	Au g/t	Ag g/t	Pb %	Zn %	Cu %	Au_Eq g/t	Contained Au Ozs_Eq
\$125/tonne	Indicated	1,584,000	4.1	14.7	2.7	3.5	0.2	7.9	
	Inferred	596,000	3.7	18.0	2.8	5.0	0.1	8.2	
TOTAL		2,180,000	4.0	15.6	2.8	3.9	0.2	8.0	560,710

Within the global resource, a higher-grade resource for the selected lenses has been defined at a "net recoverable ore value per tonne" cut-off of A\$200/tonne:

Cut-off	Category	Tonnes	Au g/t	Ag g/t	Pb %	Zn %	Cu %	Au_Eq g/t	Contained Au Ozs_Eq
\$200/tonne	Indicated	784,000	6.0	17.1	3.1	4.0	0.2	10.3	
	Inferred	352,000	4.7	20.5	3.3	6.3	0.1	10.1	
TOTAL		1,136,000	5.6	18.1	3.2	4.7	0.2	10.2	372,538

Tonnage estimates have been rounded to nearest 1,000 tonnes. Metal grades have been rounded to nearest decimal place. A full summary of the Estimate is included with this release as Appendix 1.

This updated global Resource Estimate contains over 560,000 ounces gold equivalent resource at a gold equivalent grade of 8.0g/t. The large increase in Indicated Resources from 0.67Mt to 1.58Mt (compared to Triako 2005) is a reflection of the drilling YTC has undertaken since acquiring the Hera Project in September 2009. YTC now have in excess of 70% of its resource in the 'Indicated' category, and anticipate that most of this will translate to a probable reserve on completion of the DFS.

Ordinary kriging was used to form a resource estimate over 5 discrete gold and base metal mineralised geological lenses to create a block model for mine planning purposes and for the DFS, being:

- Main Lens North & South
- Far West Lens

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Hays Lens North & South

The lens positions are shown in the accompanying plans and sections.

The Resource Estimate does not include some additional mineralised lenses that were encountered during the resource estimate process. These additional lenses will be modelled and incorporated into future updates to the Mineral Resource.



#### **Metallurgical Drilling**

Metallurgical drill hole HRD023W1 was drilled at an oblique, low angle to the Hera Main Lens (South) so as to maximise the ore body sample volume available for metallurgical test work. The drill trace is displayed on cross section included with this report.

The hole confirmed the strong continuity of the Hera Main Lens, intersecting:

- o 153m @ 3.63g/t Au, 12g/t Ag, 1.9% Pb and 1.9% Zn from 254m, including
- o 56m @ 7.75g/t Au, 31g/t Ag, 4.58%% Pb and 4.34% Zn from 281m

Subsequent screen fire assay of the interval upgraded the intersection to:

- o 153m @ 3.74g/t Au\*, 12g/t Ag, 1.9% Pb and 1.9% Zn from 254m, including
- o 56m @ 8.39g/t Au\*, 31g/t Ag, 4.58%% Pb and 4.34% Zn from 281m

#### Metallurgy

Bulk samples for final metallurgy were assembled from hole HRD023W1 and submitted to Metcon and Gekko laboratories for the final round of metallurgical studies. The final round of metallurgy is specifically focussed on:

- Ore type variability
- Final Gravity Recoverable Gold (GRG)
- Optimising of flotation reagent scheme
- Leach and aging tests of bulk sulphide concentrate product

The final metallurgical testwork continues to confirm the excellent metallurgical properties of the Hera ore. Key results to date:

- Definitive GRG test results confirm 65% gravity gold recovery at P80 250µm grind
- Leach tests of gravity concentrate suggest 98% gold dissolution of this gravity concentrate with no re-grind
- Float testwork has returned excellent base metal recoveries to a bulk float. Using a P80 250µm grind bulk float recoveries are 99 % for Zn, 99% for Pb and 95% for Cu. This is recovered into approximately 18% of the original mass
- The bulk float plus gravity streams recover 99% of the gold in the sample

The testwork is now finalising the gold recoveries from cyanide leach of the bulk concentrate.

Test work is also finalising differential float test work under the supervision of a potential offtake partner for the bulk concentrate product.

### Mine Design Underway

The Resource Estimate has been provided to Optiro, the DFS mine design consultant, for completion of the final Hera mine design. The mine design will be provided to selected mining contractors to establish mining cost estimates for the Hera DFS.

#### Sterilisation Drilling Complete

YTC has completed a 2,762m Sterilisation RC drilling programme over the proposed tailings dam site. Visual observation suggests the area will be appropriate for the tailings dam, however final assay results are still pending for these holes.

#### Permitting Commenced

YTC has held initial Conceptual Project Development Plan (CPDP) meetings with the NSW Department of Industry and Investment (I&I).

YTC is moving towards a Planning Focus Meeting in mid-August which will identify all the key planning issues for inclusion in the final Environmental Assessment (EA) to accompany the final Development Application (DA).

Environmental studies have been initiated for inclusion into the EA. In large part these studies are upgrades to existing studies completed as part of the existing Part 5 (Exploration Decline) application and approval.

## **HERA PROJECT - EXPLORATION**

Exploration activities in the quarter have focussed on the processing of recent VTEM results, drill testing for extensions to the Hera Deposit and drill testing of the Hebe-eastern Zeus gravity anomaly, located 1.5km south of the Hera Deposit.

#### Shallow RC drilling – Hera Deposit

YTC has completed four RC drill holes to test the upper/northern section of the Hera deposit with holes HRC001 & HRRC002 returning surprisingly strong gold + base metal results:

HRRC001: 4m @ 6.45g/t Au, 1.68% Pb and 6.42% Zn from 116m, and
 HRRC002: 6m @ 2.23g/t Au, 0.51% Pb and 0.98% Zn from 108m

Screen fire assay of the interval upgraded these intersections to:

- o HRRC001: 5m @ 5.64g/t Au\*, 1.47% Pb and 5.51% Zn from 116m, and
- o HRRC002: 6m @ 2.94g/t Au\*, 0.67%Pb and 1.21% Zn from 106m

These results identify **shallow**, **high-grade** gold mineralisation in a position that was not previously recognised; the mineralisation remains open in a northerly plunge direction (refer to long section attached to this report). Follow up drilling along this zone is now underway.

### Exploration Drilling

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#### Zeus Gravity Anomaly – Hebe Prospect

Five RC drill holes were completed at the southern Hebe prospect which also forms the eastern part of the Zeus gravity anomaly.

The eastern most RC hole, HBRC001, intersected encouraging base metal mineralisation including:

o HBRC001: 2m @ 22g/t Ag, 1.43% Pb and 2.02% Zn from 180m

Follow up RC holes in this area have been planned for completion in the September quarter.



#### Hera North

During the quarter, drilling results were received for hole HRD021, which lies approximately 180m north of the current resource. The hole intersected 1.5m of massive and semi-massive sulphides and returned an intersection of:

o HRD021: 2m @ 0.13g/t Au, 50g/t Ag, 6.5% Pb and 14.2% Zn from 623m

Hole HRD021 is the northern most hole at the Hera Deposit and indicates the mineralistaion persists at high grade, along a shallow northerly plunge. Follow up drilling of this area will be completed in the September quarter.

#### Hera VTEM Survey

Results from a helicopter borne, time domain electromagnetic (VTEM) geophysical survey flown over the Hera deposit have been received.

The survey identified a number of untested conductors in the immediate Hera Deposit area. These targets have been separated into:

- 1. Late time conductor targets which potentially represents 'CSA style' copper rich lenses; and
- 2. Mid time, 'Hera style' conductor targets which potentially represent repetitions of Hera style mineralisation.

Both target types have been selected for testing in the September quarter. A plan showing the Hera area VTEM conductors and drill targets is included with this report.

### Major Exploration Programme Commenced

YTC recently announced the commencement of a major exploration drilling campaign on Hera and the Nymagee Joint Venture tenements.

The exploration campaign will run through the September quarter and is scheduled to include approximately 5,000m of diamond core drilling and 2,000m of reverse circulation (RC) drilling over the next 3 month period.

The exploration campaign is targeting:

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- Extensions to the Hera resource (560,710 Au equivalent at a grade of 8 g/t Au Eq);
- Gravity and VTEM anomalies along strike of the Hera and Nymagee deposits; and
- Satellite ore feed from the Nymagee Copper Mine, which has recorded historical production of 422,000t @ 5.8% Cu, and where diamond drill holes beneath the mine indicate that the mineralised lenses continue to 250m below the deepest mined levels and remain open at depth.

The exploration drilling campaign is premised on identifying additional resources for inclusion into a future Hera Project mine schedule.



#### Nymagee Copper Mine

As part of the September quarter exploration drilling campaign, YTC is committing an initial 2,000m of diamond drilling to testing beneath the historic Nymagee Copper Mine.

YTC owns an 80% interest in the Nymagee Copper Mine in Joint Venture with the Allegiance Parties (MMG and Ausmindex Pty Ltd). YTC is sole funding the Joint Venture to increase its interest to 90%.

The Nymagee Mine last operated in 1918, and has recorded historical production of **422,000t @ 5.8% Cu**. The mine was last dewatered and accessed in 1970, and channel sampling along the 8 level (250m below surface), the deepest level in the mine, returned strongly encouraging results including:

- o 76.2m @ 3% Cu (8 level channel sample, south of Main Shaft)
- **31m @ 6% Cu** (8 level channel sample, north of Main Shaft)

In January 1974, Cyprus Mining Corporation completed the following historical estimate for the remnant mineralisation at the Nymagee Mine, based on a database of 50 drill holes (both surface and underground) and 472 underground channel samples completed on 30m spaced levels.

1974 Historical Estimate: Remnant Mineralisation at the Nymagee Copper Mine							
Copper Lodes:	821,000t @ 2.3% Cu (values for Pb, Zn, Ag & Au not known)						
Lead-Zinc Lodes:	363,000t @ 0.5% Cu, 3.0% Pb, 7.0% Zn (Ag & Au not known)						

YTC has obtained an ASX waiver to quote the Nymagee Copper Mine Historical Estimates. Details of the Historical Estimates are included as Appendix 2 to this report.

YTC considers the historic estimates, existing drilling and level sampling, point to a major mineralised system at Nymagee with the potential to add significant satellite ore-feed to the proposed mine development at Hera.

Prior to being taken over in 2006, Triako Resources Limited drilled a number of deeper diamond drill holes beneath the mine to test down plunge to the north and south of old mine workings. Drill hole TNJ001 intersected a 9.8 metre wide zone of high grade semi-massive lead-zinc sulphides (intersection below). This significant intersection indicates that the mineralised lenses continue to 250m below the deepest mined levels and remain open at depth. Significant historical drill results include:

- VN1A: 6.8m @ 8.3% Cu from 0m (Underground drill hole)
- o PDDH1: 5.8m @ 2.0% Cu; from 442.75m
- o TNJ003: 18.4m @ 1.2% Cu; from 338.7m
- o TNJ001: 9.8m @ 0.5% Cu, 7.3% Pb, 13% Zn and 31g/t Ag from 348.6m

A long section of the Nymagee Copper Mine, showing historic drilling together with planned drill target areas for the upcoming drill programme, is included with this release.



### **BALDRY GOLD PROJECT**

At the Baldry Project, located 40km NE of Parkes in central NSW, YTC is targeting high grade epithermal gold mineralisation similar to the high grade epithermal gold veins at Mt Aubrey that were mined by BHP Gold as a satellite open cut operation to the London Victoria gold mine in Parkes in 1990-91.

YTC has recently completed a gradient array IP survey designed to target resistive zones beneath cover 'cap-rock' sequences to the east and south of the Mt Aubrey veining. The resistive zones are interpreted to be associated with gold bearing quartz veins.

The survey accurately located the position of the Mt Aubrey vein systems as well as identified very strong resistive zones under cover, to the south and east of Mt Aubrey.

Of particular interest is the resistive zone to the south, which is co-incident with a strong magnetic linear and interpreted from aeromagnetic images to represent a 'caldera rim fracture', considered the ideal structural setting for epithermal veining.

A single, shallow (31m) vertical RAB hole in this area (1990, BHP Gold) identified 'mine sequence' basalt rocks beneath the cover rocks and recoded anomalous gold at the end of hole (50ppb Au). The position of the new target areas is shown on a plan accompanying this report.

These resistive target areas are considered priority drill targets for the next budget period.

## **DORADILLA PROJECT**

At the Doradilla Project, YTC is earning a 70% JV interest in EL 6258 (Doradilla) and a 75% interest in EL 6645 (Knightvale). The Project tenements are located along a major crustal boundary between the Lachlan and Thompson fold belt in the North West of NSW.

The Doradilla Project represents an extensively mineralized area prospective for precious and polymetallic metals including tin, silver, nickel, copper, bismuth, indium and zinc, and hosts a significant oxide tin resource of 7.81Mt @ 0.28% Sn for 22.3kt of contained tin.

YTC is now commencing a significant drilling programme on the Doradilla project targeting:

- Along strike from bonanza silver-bismuth mineralization intersected in 2008 drill hole:
  DCMD002: 1.5m @ 683ppm silver & 1.2% bismuth from 126.65m
- Blind, high intensity magnetic anomalies associated with the Thompson-Lachlan crustal boundary.



## CORPORATE

#### Success Fee

Following the successful establishment of the unincorporated Joint Venture between Metals X Ltd (ASX:MLX) and YT Parksong Australia Holding Pty Ltd ("YTPAH" or The Yunnan Tin Group partners) on the MLX Tasmanian Tin Operations, YTC has received a A\$1.5m success fee.

In addition to the success fee, YTC is due an ongoing management fee equal to 5% of YTPAH's Net Profit for the provision of ongoing management, supervision and advice to YTPAH in relation to the Joint Venture.

### **Cash Position**

At 30 June 2010, the Company held cash reserves of approximately A\$8.36 million.

\* All drill holes marked with an asterisk in this report are reporting gold results generated using the screen fire assay method. Screen fire assay is considered a more definitive estimation of gold grade in coarse gold mineralisation. High grade results not marked with an asterisk are 30g fire assay results and will be re-assayed by screen fire assay.

#### Competent Persons Statement

The information in this report 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.



#### Appendix 1: Notes to the Resource Estimation

- The estimate has been calculated over 5 discrete gold and base metal mineralised geological lenses, being:
- Main Lens North & South
- Far West Lens
- Hays Lens North & South

The lens positions are shown in the accompanying plans and sections.

During the estimate process, additional mineralised lenses have been encountered and will also be modelled and incorporated onto future updates to the Mineral Resource.

- Metal grades have been estimated into 10 x 10 x 2m blocks using ordinary kriging.
- Estimate is supported by a database of 169 diamond core drill holes. This drilling comprises mostly HQ core with some NQ sized core
- YTC Resources completed 32 holes during the period November 2009 April 2010.
- All drillholes have been surveyed at collar by registered surveyors and also at regular downhole intervals using magnetic surveying tools. A series of gyroscopic survey checks have been completed to verify the appropriateness of this method.

	Total Length	
Company	Metres	Number of Holes
СВН	13,255.32	28
Pasminco	4,263	9
Triako	43,335.24	100
YTC	14,727.3	32
Grand Total	75,580.86	169

- Drill core has been variably sampled on nominal 1.0m intervals split in half with a diamond saw and assayed in commercial laboratories. All of the YTC Resources drilling has been assayed for Au, Ag, Pb, Zn and Cu at ALS Orange which has also produced assays for previous tenement owners.
- YTC resources has maintained a QA/QC system during its sampling and assaying process. Previous owners have also maintained an extensive QA/QC system and YTC Resources has this data available.
- Gold assaying by YTC Resources has been completed initially by 30gm fire assay with all assays >0.5g/t Au subsequently assayed by the screen fire assay (SFA) method. Previous owners have also completed screen fire assays for gold. The database of some 22,500 assays contains 2200 individual SFA within mineralised sections of core
- Samples have been composited into 1.0m intervals weighted by density.
- Au grades have been top cut to 90g/t Au outside of a constrained, very high-grade domain within the Main Lens:
  - The very high-grade domain Main Lens was estimated using uncut samples and was also informed by composites from the surrounding Main Lens.
  - The remainder of the main lens uses all Top cut composites including those inside the very highgrade domain
- No top cuts have been applied by to the Ag, Pb, Zn or Cu composites
- Specific Gravity has been estimated into the blocks using an established relationship between Pb+Zn+Cu and physical SG measurements made on sections of drill core (3408 measurements within mineralised sections)
- Domains have been wireframed based on a nominal 2% Pb+Zn+Cu which also captures approx 95% of the Au mineralisation.

- Mineral Resources are reported above cut-off no mining designs have been made and therefore mining recovery has not been applied and no dilution added
- YTC resources have undertaken detailed metallurgical testwork to supplement work completed by previous owners. This work enables reasonable estimates of metal recoveries to be made
- The estimate has been completed on a "net recoverable ore value per tonne" cut-off. This is considered the best representation of the gold and base metal nature of the ore deposit. Values are estimated into each block using the following:

Metal grade x expected recovery (%) x expected payability (%) x Metal price: less concentrate freight and treatment charges.

• 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)  $\div$  (gold price per oz  $\div$  31)

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

Metal	Price	Source
Au	US\$1125/oz	Consensus forecast, to March 2011 Consensus economics, April 2010
Cu	US\$6,500/t	LME 15 Month buyer
Pb	US\$1775/t	LME 15 Month buyer
Zn	US\$1878/t	LME 15 Month buyer
Ag	US\$17.85/oz	Consensus forecast, to March 2011 Consensus economics, April 2010
AUD/USD	0.85	

Metal	Recovery	Payability	Source
Au	95%	100%	YTC Metallurgical testwork and Marketing Study
Cu	79%	97%	YTC Metallurgical testwork and Marketing Study
Pb	82%	95%	YTC Metallurgical testwork and Marketing Study
Zn	87.3%	85%	YTC Metallurgical testwork and Marketing Study
Ag to Cu Con	17.5%	90%	YTC Metallurgical testwork and Marketing Study
Ag to Pb Con	55.2%	95%	YTC Metallurgical testwork and Marketing Study

The Resource Estimation has been completed by Mr Dean Fredericksen of Fredericksen Geological Solutions Pty Ltd with assistance from Mr Ian Cooper (BSc(Hons), BE(Mining), MSc, MAusIMM, MSME) and Mr Stuart Jeffrey (BSc (Hons), MSC, MAusIMM, MGSA).

#### Competent Persons Statement – Resource Estimation

The Resource Estimation has been completed by Mr Dean Fredericksen of Fredericksen Geological Solutions Pty Ltd under supervision of Mr Rimas Kairaitis. This report has been 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.



#### Appendix 2: Historical Estimates – Nymagee Copper Mine

The following Historical Estimates were completed by Cyprus Mine Corporation for the Nymagee Mine in January 1974.

Copper Lodes										
	TONNES	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)				
	409,000	3.0	not known	not known	not known	not known				
	260,000	2.0	not known	not known	not known	not known				
	152,000	1.0	not known	not known	not known	not known				
Copper Lodes Total	821,000	2.3								

Pb-Zn lodes										
	TONNES	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)				
	363,000	0.5	3.0	7.0	not known	not known				
Pb-Zn Lodes Total	363,000	0.5	3 .0	7.0	not known	not known				

- 1. These Historical Estimates are not reported in accordance with the JORC Code and it is uncertain that following evaluation and/or further exploration that the resource or reserve estimate will ever be reported in accordance with the JORC Code.
- 2. The Historical Estimates are sourced from a Report produced by Cyprus Mines Corporation dated January, 1974. The source report is a public document and is available via the DIGS website at <u>dpi.nsw.gov.au</u> Report Ref: GS1973/431.
- 3. It is the opinion of YTC Resources that the Historical Estimates quoted above are strongly relevant to the value of the Nymagee Copper Mine as they provide an accurate estimation as to the quantum of mineralisation present.
- 4. Having examined the protocols and criteria observed in the calculation of the above Historical Estimates, it is in the opinion of Rimas Kairaitis, who is a Member of the Australasian Institute of Mining and Metallurgy and can be described as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' that the resources quoted are reliable as to the quantum of mineralisation within the Nymagee Mine. In summary these criteria are:
  - Estimates are produced from a data base of 50 drill holes (surface and underground) and 472 underground channel samples on 4 levels.
    - Assays weighted by rectangular mid-point system
  - A conservative specific gravity estimation of 2.8kg/m<sup>3</sup>
- 5. Materiality.
  - a. YTC considers the Historical Estimate is material as YTC is currently completing a Definitive Feasibility Study (DFS) on the Hera gold and base metal deposit, located 5km to the south of the Nymagee Mine, and the grade and tonnage the Historical Estimates imply the potential for the economic extraction and treatment of the ore as satellite ore-feed to a mineral processing facility contemplated at Hera.
  - b. YTC intends to complete a programme of diamond core drilling as confirmatory and extensional drilling to the Historical Estimate. The confirmatory results, together with the digitizing of historic underground channel sampling and underground will allow for YTC convert the Historical Estimates into a JORC compliant Resource.



- c. The Company intends to fund the proposed evaluation work from existing cash reserves.
- d. The proposed evaluation work falls within the capability of YTC's financial and technical resources and the work will not otherwise affect the Company's other exploration projects.
- 6. The Historical Estimates are calculated under criteria comparable to the Inferred Category of the JORC Code.
- 7. There are no more recent estimates or resources for this mineralisation which are available to the Company.
- 8. Part of the underground drilling and all of the underground sampling data used to calculate the Historical Estimates is available as hard copy reports only. It is the intention of YTC to digitize the data, complete validation and extensional drilling and sampling and then recalculate the estimates into Compliance with the 2004 JORC Code Guidelines as Inferred Resources. This process is estimated to take 6 months to complete.
- 9. The source Report containing the Historical estimates, and the details supplied above, are consistent with the guidance contained in the ASX Companies Update no. 05/04 and 11/07.
- 10. Rimas Kairaitis, who is a Member of the Australasian Institute of Mining and Metallurgy and can be described as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserve.' accepts the responsibility of the accuracy of the information supplied herein.

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Cutoff	Category	Tonnes	Au g/t	Ag g/t	Pb %	Zn %	Cu %	Au_Eq g/t	Contained Au Ozs_Eq
\$125/tonne	Indicated	1,584,000	4.1	14.7	2.7	3.5	0.2	7.9	-
	Inferred	596,000	3.7	18.0	2.8	5.0	0.1	8.2	
TOTAL		2,180,000	4.0	15.6	2.8	3.9	0.2	8.0	560,710
Cutoff	Category	Tonnes	Au g/t	Ag g/t	Pb %	Zn %	Cu %	Au_Eq g/t	Contained Au Ozs_Eq
Cutoff \$200/tonne	Category Indicated	<b>Tonnes</b> 784,000	<b>Au g/t</b> 6.0	<b>Ag g/t</b> 17.1	<b>Pb %</b> 3.1	<b>Zn %</b> 4.0	<b>Cu %</b>	Au_Eq g/t 10.3	Contained Au Ozs_Eq
Cutoff \$200/tonne	Category Indicated Inferred	<b>Tonnes</b> 784,000 352,000	Au g/t 6.0 4.7	<b>Ag g/t</b> 17.1 20.5	<b>Pb %</b> 3.1 3.3	<b>Zn %</b> 4.0 6.3	<b>Cu %</b> 0.2 0.1	Au_Eq g/t 10.3 10.1	Contained Au Ozs_Eq

## Hera Gold Project

**Resource Grade Shells– Long Section looking west** with Indicative mine development Grid: GDA – Zone 55 - Scale as Shown





Grid: GDA – Zone 55 - Scale as Shown





# Hera Gold Project

**Exploration Target Zones – Long Section looking west** 

Grid: GDA – Zone 55 - Scale as Shown





## Key

VTEM Anomaly \_ Priority 1

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VTEM Anomaly \_ Priority 2

# Drill Target

S Drill Holes

Hera Gold Project Drill Targets – Hera Deposit Area Showing VTEM Conductors & Gravity Image Grid: GDA – Zone 55 - Scale as Shown





Nymagee Copper Mine
Exploration Target Zones – Long Section looking west
Grid: Local - Scale as Shown

Remnant PD-2h lodes – 1974 Historical Estimate									
	TONNES	Cu (%)	Pb (%)	Zn (%)					
	363,000	0.5	3.0	7.0					
Total	363,000	0.5	3 .0	7.0					

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Remnant Copper Lodes – 1974 Historical Estimate		
	TONNES	Cu (%)
	409,000	3.0
	260,000	2.0
	152,000	1.0
Total	821,000	2.3

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Nymagee Copper Mine Hera Project Drill Plan Grid: GDA Zone 55





LOCATION PLAN





Baldry Project Mt Aubrey Area – IP Resistivity Grid GDA Zone 55



• Previous Drill Holes (BHP Gold & YTC)

- X Historic Gold Working
- Epithermal quartz veining