

## HERA MINE

### COMMUNITY CONSULTATIVE COMMITTEE

#### MINUTES

The meeting was held on 19 February 2018 at the Hera Mine, Burthong Road, Nymagee.

Meeting commenced at 10.30am

#### Present at the Meeting:

Garry West (Independent Chair)

Des (David) Hill (Community Representative)

Dolly Betts (Community Representative)

Phil Harley (Community Representative)

Jonathon Thompson (Aurelia Metals Ltd, Representative, Environment Superintendent)

Scott Ramsay (Aurelia metals Ltd, Representative, General Manager, Hera Mine Project)

#### 1. Apologies

Megan Nicholson (Community Representative)

Don Cameron (Community Representative)

#### 2. Pecuniary and other interests

G. West provided an opening statement to the Committee introducing himself as the new Independent Chair appointed by the Department of Planning & Environment.

A copy of the Community Consultative Committee Guidelines was provided to each member present and a general overview was provided with Mr. West outlining how he wished to conduct the meetings. Members were asked to read the Guidelines so at the next meeting members could sign the Code of Conduct Agreement and provide a Declaration of Pecuniary and Non-Pecuniary Interests can be provided to the Chair. It was stressed these declarations were confidential to the Committee and were not for public information.

G. West declared that while he is appointed by the department of Planning & Environment he is paid a meeting fee and travel costs by Aurelia Metals Ltd – Hera Mine.

#### 3. Confirmation of Minutes

Minutes from the CCC meeting of 30 November 2017 had been distributed via email and were accepted as a correct record. Moved Des Hill 2<sup>nd</sup> Phil Harley.

#### 4. Business Arising from Previous Meeting

There was no business arising.

#### 5. Correspondence

NIL

## 6. Company Report

A presentation was provided detailing the environmental performance of the Hera Mine operations (A copy will accompany the final minutes and be placed on the company website);

J. Thompson provided an outline of the pre-feasibility investigations that are proposed over the next 6 – 12 months for the Nymagee Copper Mine;

S. Ramsay advised the CCC that Aurelia Metals were planning to expand their regional exploration over the next 6 months;

J. Thompson provided details of an environmental incident that occurred on 14 January 2018:

- Prior to the incident occurring, the Intensive Leach Reactor (ILR) had completed its cycle and was being drained. However, draining was taking longer than normal and the pump tripped out. After the reset the Shift Supervisor manually opened the Residue Discharge Valve to expedite the process. The Shift Supervisor then forgot to return the Residue Discharge Valve to the automated position;
- At 0445 an ILR cycle was started. This cycle is automated and involves the addition of solids from the Feed Hopper to the ILR and then the addition of cyanide and water to the ILR via the Solution Cone. The solution then rotates between the ILR and Solution Cone for 16 hours;
- As the Residue Discharge Valve was still in the Manual Open position, the solution containing cyanide was drained to the screen which is located at the primary feed end of the Process Plant instead of rotating between the ILR and Solution Cone;
- Shift Change (from night shift to day shift) occurred at 0600;
- At 0615 the pump that was pumping the solution to the screen tripped at the 'Add Cyanide' stage of the cycle. The trip occurred due to a safety interlock on the pump set at a predetermined time;
- The oncoming Shift Supervisor noticed the tripped pump and immediately investigated;
- The Shift Supervisor then noticed the Residue Discharge Valve was in manual open position;
- The Shift Supervisor determined that cyanide solution had been pumped to the screen and thus the process water stream;
- A WAD cyanide of 200 mg/L was recorded in Licence Point 1 (Tailings Storage Facility (TSF)) and Licence Point 2 (Process Water Dam (PWD)); and
- The Process Plant was shutdown immediately and the plant remained shutdown until Thursday 18 Jan 18 by which time the WAD cyanide had reduced to 10 mg/L.

Future company reports to include details of any complaints lodged and Lost Time Incidents (LTIs) on the Hera site.

## 7. Matters which the Community Representatives wish to raise with the Mine Operator

The community representatives thanked Aurelia Metals for their support of the Nymagee Christmas tree and local sporting club and the Progress Association.

## 8. Community Engagement Opportunities

NIL

## 9. Meeting Dates

It was agreed that the CCC would meet quarterly in 2018 and the calendar of meetings is:

3 May 2018; 2 August 2018; and 1 November 2018 all commencing at 10am

10. **General Business**

J. Thompson raised the VPA that Aurelia Metals has with Cobar Shire Council and its application in regard to Nymagee. General discussion ensued with no further action required at this stage.

Next Meeting  
3 May 2018

Meeting Closed: 11.40am

**ACTION ITEMS**

Item	Action	By Whom
1	Contact Cobar Shire Council re representative for CCC	GW
2	Contact Bogan Shire Council re representative for CCC	GW

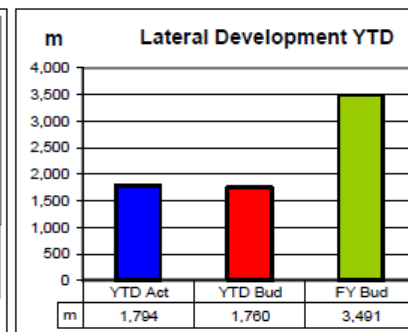
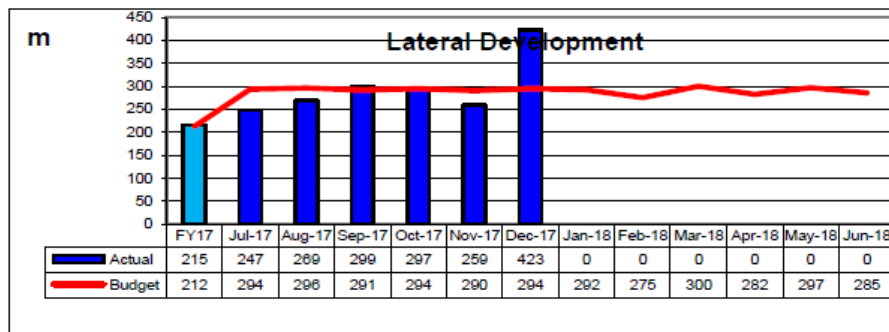


## **HERA PROJECT**

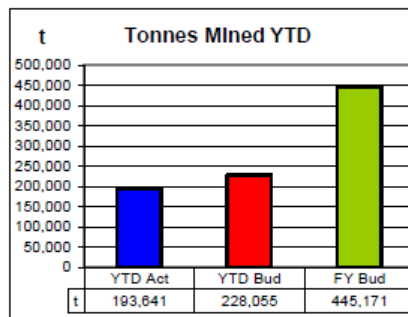
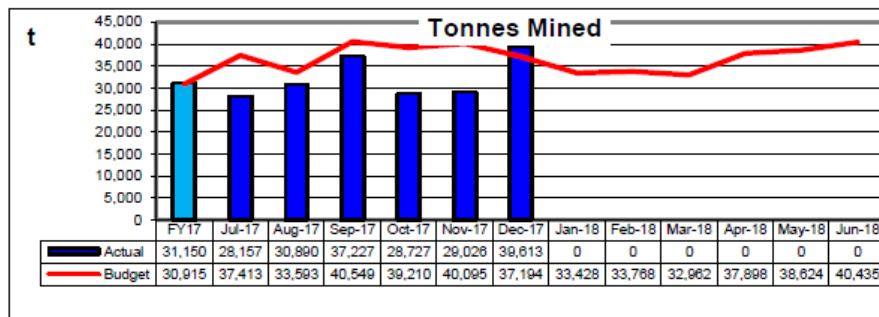
**CCC – February 2018**

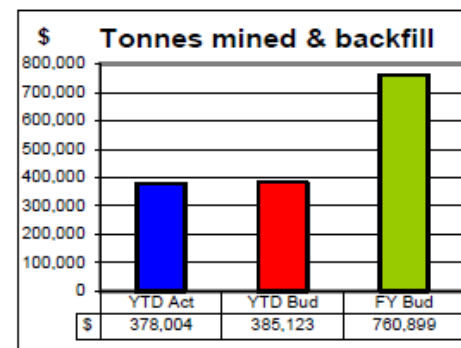
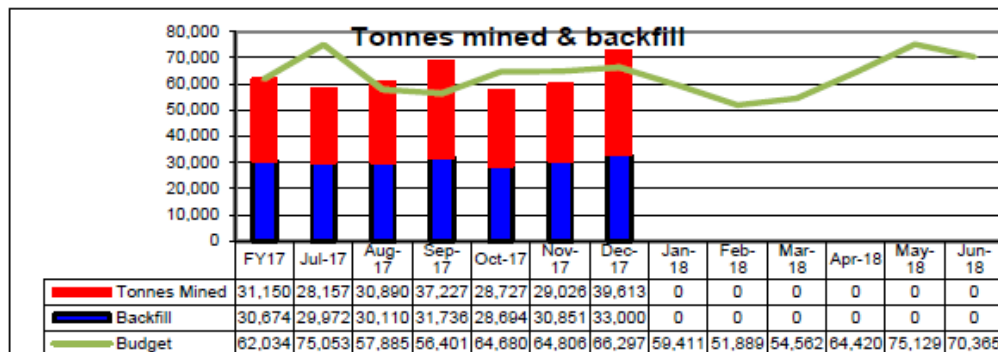
## Mining and Processing Overview

Lateral development comprised 71m capital and 352m operating for a total of 423 meters

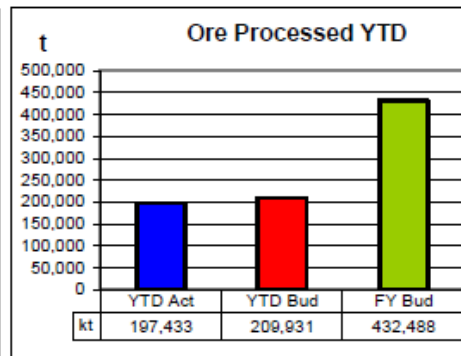
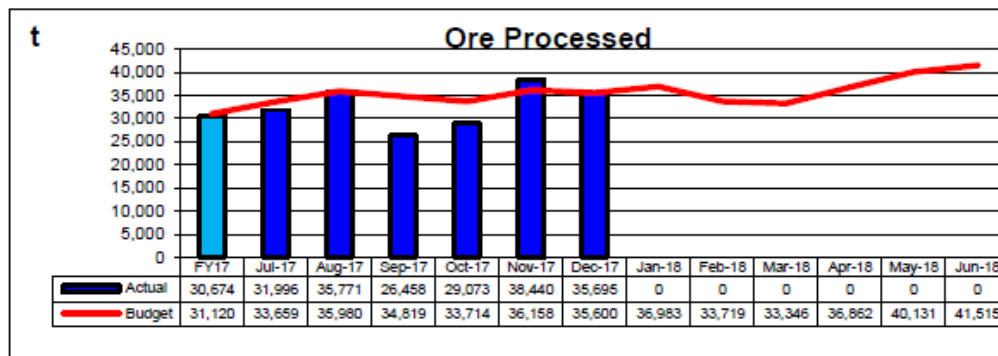


Mine production for the month was 39,613 ore tonnes @ 4.61g/t Au, 2.85% Pb, and 4.37% Zn.

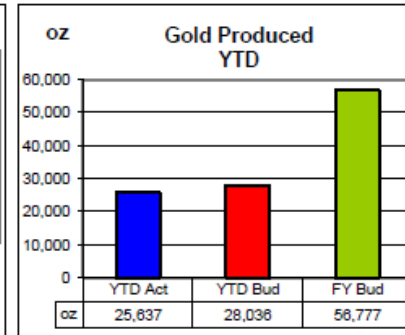
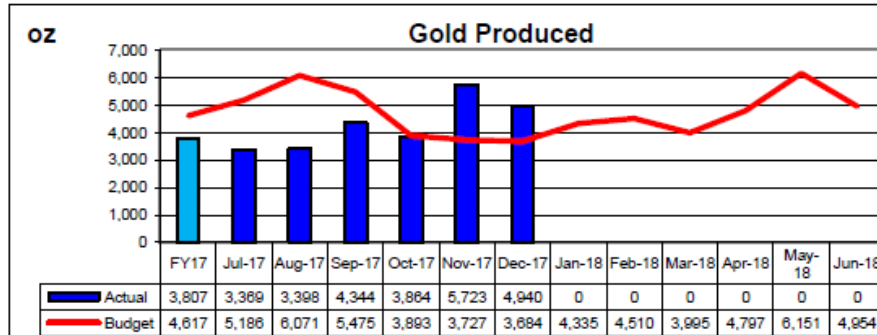
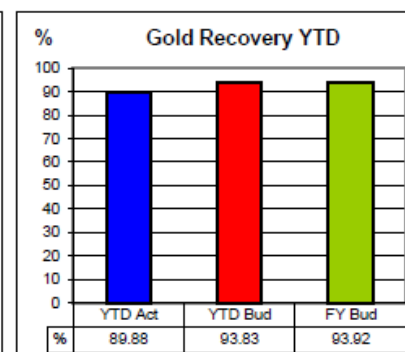
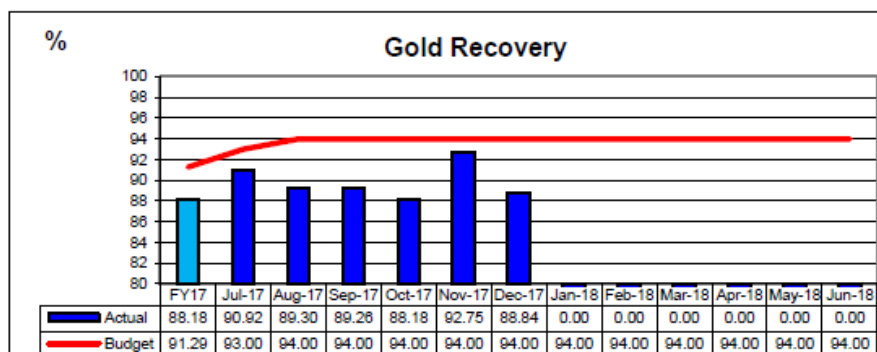
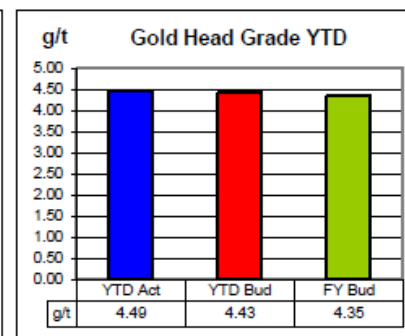
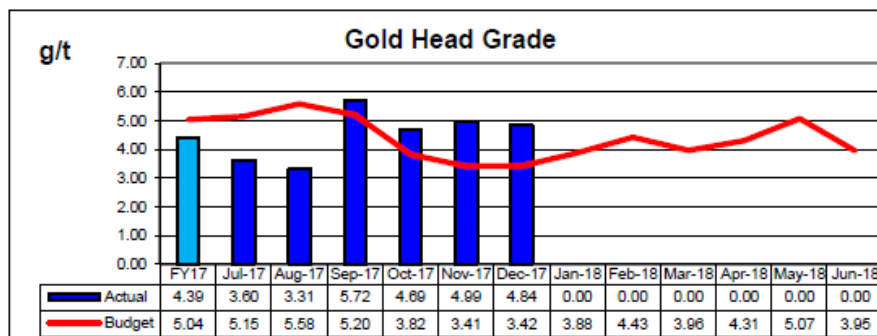




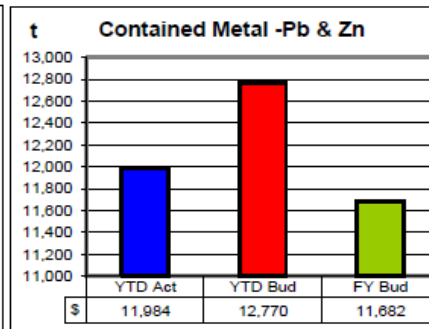
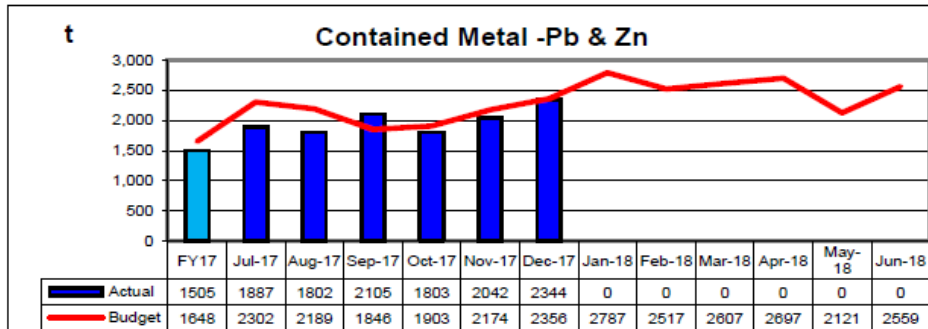
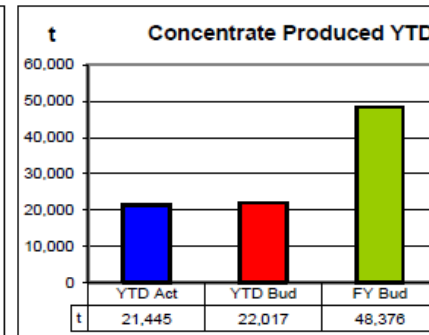
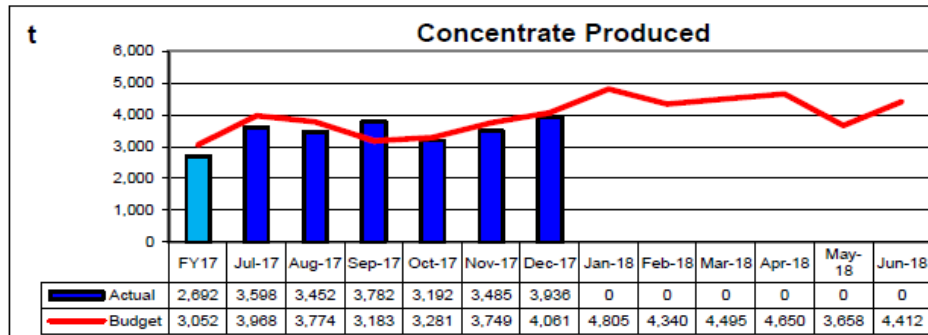
Tonnes processed for the month were 35,695 DMT @ 4.84g/t Au @ a recovery of 88.84% for production of 4,940 ounces Au.



Throughput for the month was 53 tph with utilisation of 90.4%.



Concentrate produced for the month was 3,936 DMT grading 23.7% Pb and 35.9 % Zn. Contained metal produced for the month was 933t lead and 1,411 zinc.





# Nymagee Copper Mine

## Next 6-12 Months

- Progress towards a Pre-Feasibility Study
- Continue environmental monitoring to determine pre-mining environment
- Drilling of 4 groundwater monitoring bores around the Nymagee Copper Mine and next to the Nymagee Town Bore
- Conduct trials for mine dewatering using existing infrastructure ~2L/s
- Metallurgical Drill Sampling – est. 10 holes for 5,400m
- Metallurgy Testwork and Preliminary Process Design

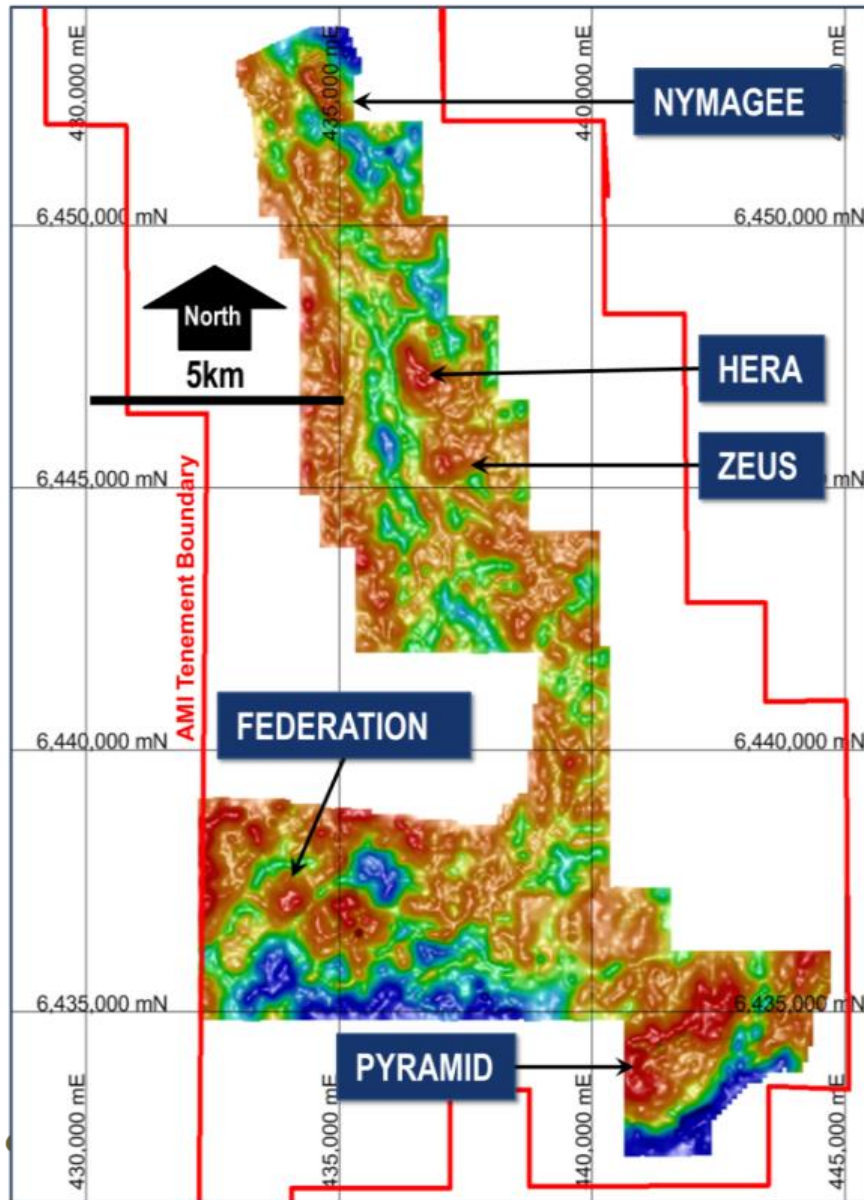
# Nymagee Copper Mine

## Next 6-12 Months

Figure: 4



Title: Recommended Monitoring Locations			
Location: Nymagee NSW			
Client: Aurelia Metals Ltd.			Job: 2017335
Designed By: AW	Drawn By: LB	Scale: As Shown	Date: 27/11/2017



- Strong positive gravity anomalies at Hera and Nymagee
- Probably related to broad alteration systems around mineralisation
- Strong NNW-SSE trend over 15km strike
- Anomalies to the south have coincident geochemical responses
- Ground between Hera and Nymagee poorly explored, negligible drilling

# HERA Near Mine UG Exploration

