





## Commencement of Mining Operations

- DPE approved the following management plans Friday 21 December 2018.
  - Air Quality Management Plan.
  - Noise Management Plan.
  - Blast Management Plan.
  - Transport Management Plan.
  - Environmental Management Strategy.
- DPE provisionally approved the following management plans 21 December.
  - Water Management Plan.
    - Provide DPE with additional information on Dam 57A.
    - Contemporary site water balance completed 28 February.
    - Revised WMP submitted 30 April.
  - Historic Heritage Management Plan.
    - Heritage condition report to be prepared.
    - Meeting to be facilitated with OEH.
    - Revised HHMP submitted 30 March.
- Perilya advised DPE of the commencement of mining operations Saturday 22 December 2018 on 21 December.
- Ore haulage commenced 08:00 22 December.



# Ore Haulage Commences





## North Mine Project - Progress

Description	Progress	
Submit Transport Management Plan to DPE for approval	Approved	
Finalise VPA with BHCC	Has been on exhibition with BHCC, 1 public submission, VPA to go before Council next meeting	
Consult with BHLRG and submit Lead Education and Monitoring Program	Presented to BHLRG 29 November, extension granted by DPE, response to Health submission provided, to go before BHLRG 21 March 2019	
Complete ROM enclosure and dust extraction installation		
Complete Haul Road construction		
Install tailings harvest haul road spray system and variable speed fan on No3 vent shaft	Completed	
Construct required Potosi Haul Road/Barrier Highway intersection roadworks		
Commence Mining Operations	Commenced Saturday 22 December 2018	
Commence willing Operations	First stope firing Saturday 02 February 2019	



## CoC Physical Requirements - Construction

Item	Description	Status
a)	Install wheel washing stations at all access and egress points	
b)	Seal the haul road between the entrance to the mine portal and the ROM pad, and ensure that the width of the sealed road permits trucks to pass, or includes sealed passing lanes	
c)	Install a water spray system alongside the haul road from the tailings harvesting area to the pastefill plant, and operate this system when the road is used by trucks transporting tailings	
d)	Ensure that trucks transporting tailings cover their loads at all times	Completed
e)	Apply a chemical dust suppressant (in accordance with an approved program) to all 'free areas' identified in the figure in Appendix 2 to achieve an emission control factor of 99.3% or better	
f)	Enclose the crusher and ROM pad (including all stockpile areas) within a building equipped with a negative pressure dust extraction and collection system, and ensure that ore crushing, stockpiling and the unloading/loading of trucks only occurs within the enclosed building	
g)	Install a variable speed drive fan within the No. 3 vent rise with a maximum ventilation flow rate of 235 m3/second, and ensure that the fan is operated at the minimum rate required to ensure safe operations.	
h)	Amenity bunding of sections of haul road	

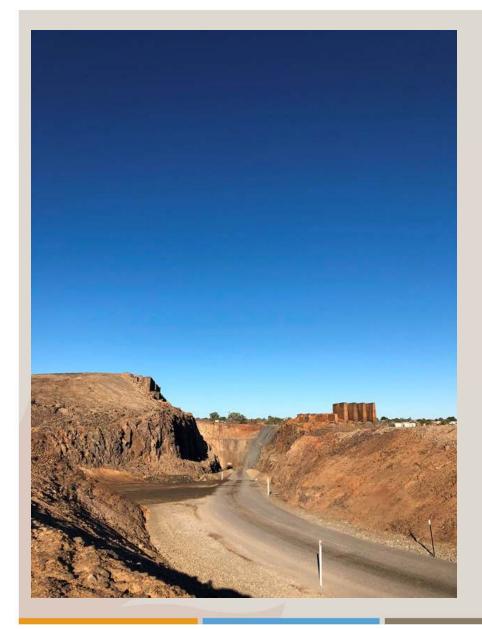


## **Enclosed ROM**





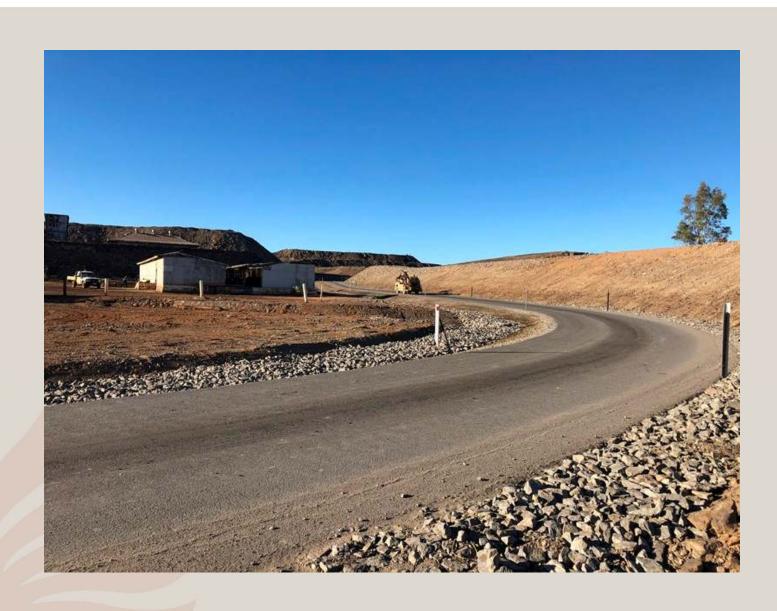
## Sealed Haul Road







# **Amenity Bunding**





## **Wheel Washes**





# **Evaporation Ponds**





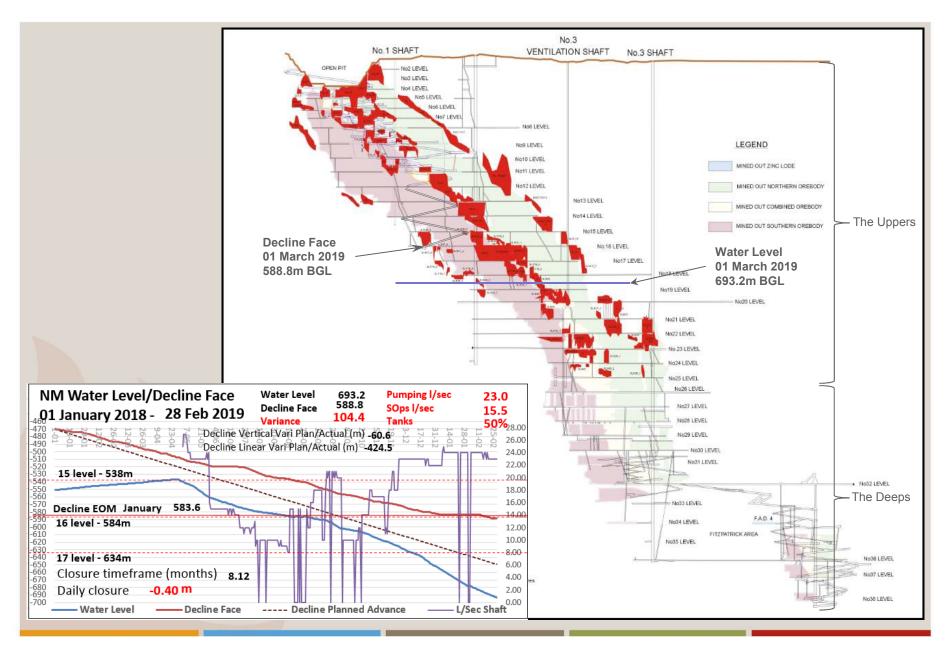
## **CoC** - Post Operations

## Management plans, CoC items required post operations commencing:

Item	Description	Timeframe	Progress
a)	Independent Environmental Audit	1 year after commencement Construction	Developing audit scope
b)	Independent audit of air quality and health management measures	1 month after commencement Mining Operations	Audit has taken place report is being written
c)	Updated Health Risk Assessment	6 months after receipt of independent air quality and health management measures report	Awaiting above report
d)	Rehabilitation Strategy	1 year after commencement Mining Operations  To be develo	
e)	Rehabilitation Management Plan	6 months after acceptance of Rehabilitation Strategy	To be developed



## North Mine Water





## **Next Three Months**

#### Work to be undertaken in the next 3 months:

#### **Description**

Finalise VPA with BHCC

Finalise and implement Lead Education and Monitoring Program

Respond to DPE re conditional management plans

Work through post commencement CoC items

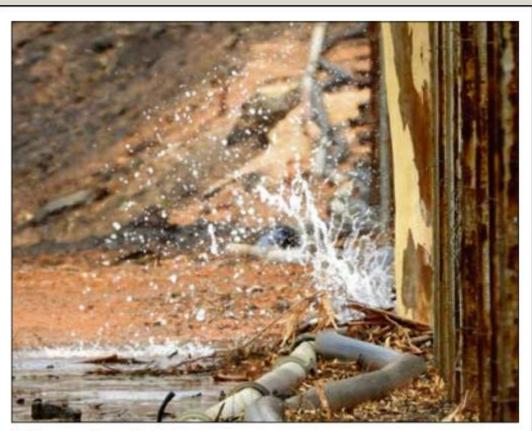
Continue mining operations

KPI	March	April	Мау	June
Ore (t)	15,130	18,905	22,209	22,616
Headgrade PbZn	7.87	8.89	8.75	6.63
Development (m)	421.8	419.5	421.0	420.8
Decline (m)	91.7	88.8	91.7	88.8



#### Friday 01 February 2019

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### Mine pipe busts

A water pipe at the North Mine has burst and been left to leak for over a week near Junction Circle. A concerned local who resides nearby has reported the pipe burst three times to the North Mine. Vehicles came to check the pipe. "Whether they've fixed it and it's broke again I don't know," he said. "Although the mines use this water, that's our water." The burst pipe was found still leaking at 1pm yesterday afternoon.

PICTURE: Myles Burt



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# Menindee Rd route better: Council



Trucks from the reopened North Mine will use the route through the city.

PICTURE: Perilya

Councillors have proposed changes to the city's main truck route and will take it to the Roads and Maritime Services.

The RMS had informed council of their plans for intersection upgrade works at Argent/Iodide streets and Crystal/Iodide streets, which have been identified as points of conflict for heavy vehicle movements providing a risk for heavy vehicle operators and general motorists.

The upgrade aims to widen the road to remove these points to mitigate any fatal accidents and general improvement of through-traffic movements by eliminating current pinch points. The route was designated a heavy vehicle route by the NSW Land and Environment Court for Perilya to carting ore from its Potosi mine to its southern operations for processing.

The newly-opened North Mine must use the same route, according to the Council report.

Councillors voted against proposed works by Roads and Maritime Services to modify intersections at Iodide/Argent and Iodide/Crystal to better facilitate truck movements.

It will instead request that trucks turn left at the corner of Menindee Road and Crystal Street, before turning right and re-joining the highway at Bagot and Argent Streets.

Councillor Tom Kennedy said that he wanted Council to object to the works by the RMS.

He also suggested using Bagot/Argent streets going into Crystal Street as part of the route trucks take.

"The RMS need to be told in no uncertain terms that Council opposes the route," he said.

Mayor Darriea Turley said they would investigate why Menindee Road couldn't be used as a turn off

Councillor Marion Browne also suggested an urgent site inspection to "walk out the route".





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Approve route

Proposed modification

#### **Menindee Rd route better: Council**



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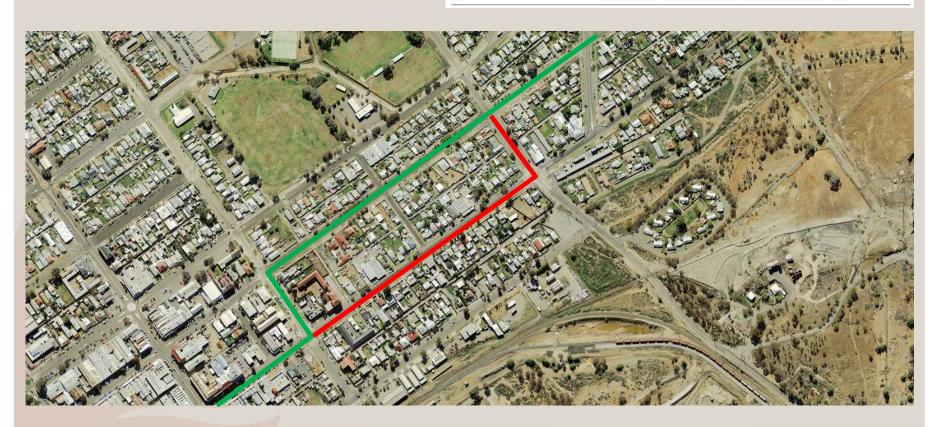
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Maritime Services to modify Maritime Services to modify intersections at Iodide/Argent

Mayor Darriea Turley said they would investigate why Menindee

and general improvement of trucks turn left at the corner of also suggested an urgent site





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# Perilya 'doing enough' for city

By Emily McInerney

A local mining company has rejected a suggestion that it donate \$100,000 towards a tourism fund.

A draft voluntary planning agreement (VPA) between Perilya and City Council went on public display in December last year.

One submission was received from the community.

Larry Angell requested that Perilya contribute \$100,000 per annum towards the promotion of tourism,

Mr Angell suggested that the contribution be made to a Broken Hill Tourist Association or similar body (when formed) and until then the money could be held in a trust.

Council's Planning Department made a submission in March 2017 which requested that Perilya Ltd enter into a VPA with Council.

While Perilya has continued negotiations with Council on the VPA, it said that it considered their donations to the city had covered all areas, including tourism.

"Perilya advised that they became the first Platinum Mining Friend for Foundation Broken Hill through ongoing support for Broken Hill's future," a Council report said.

"Perilya advised that they committed a further \$25,000 per annum over the next five years which brings Perilya's contribution since 2010 to \$250,000.

"(It said) that their contributions are used to support community initiatives similar to the one proposed by Mr Angell." Mr Angell said that advertising and promotion were a big part of developing the tourism industry.

"We need corporations to get on board, like mining companies.

"I know there's a lot of people that work on the mines and many of their family members work in the tourism industry somehow.

"Everybody in Broken Hill is in the tourism industry.

"I know Perilya contributes to Rainbow Preschool, the Zinc Bowling Club and thought maybe they would contribute to the tourism industry.

"We just have to put our hands up and ask."

Mr Angell said Foundation Broken Hill did a lot in the city but weren't targeting tourism.

"We need funding to go towards a driven association, if we want the tourist industry to grow."

Mr Angell said now it was just about waiting until the association was formed and asking for funding from all avenues.

"If we had a pool of funding, that could create hundreds of thousands in advertising and promotion.

"But we need corporations to help fund the money."

At Wednesday night's Council meeting, councillors deferred a decision on adopting a Voluntary Planning Agreement (VPA) between Council and Perilya.

The VPA would see Perilya make a one-off contribution of \$280,000 towards road works, as well as an annual \$20,000 contribution towards road maintenance costs.

The matter was deferred for Council to seek the relevance of voting on the VPA when much of it had already been determined by the State.



## North Mine Project - Community Complaints

#### Community complaints project to date:

Date	Via	Description	Response
03/10/17	MCC	Noise from trucking	Complaint registered
19/11/17	EPA	Noise from trucking	Instruction issued to workers, no trucking to surface after 19:00, and to limit in-pit tip so far as practicable on night shift
10/04/18	EPA	Noise from equipment	Identified that noise was from shift-start equipment tramming to ramp. Reiterated no trucking to surface after 19:00. Investigating fitment of "surface running" mode on trucks and loaders to limit output on the surface. Investigating having db reading boards displayed so workers can understand potential community impacts
20/04/18	EPA	Low drone noise	Noise monitoring in place, 4 level vent fans turned off to understand impact and if they are noise source.
01/02/19	BDT	Water leak	Plasson fitting split on raw water poly pipe, repaired.

#### How can community members contact Perilya?

- Mine Control Centre (08) 8088 8999 manned 24/7
- Mail PO Box 5001, Broken Hill NSW 2880
- Security Gate Southern Operations, Wentworth Road, Broken Hill



