



**Resources
Regulator**

FWP0001714

HERA MINE FORWARD PROGRAM

Tuesday 1 July 2025 to Friday 30 June 2028



Summary

Detail	
Mine	Hera Mine
Reference	FWP0001714
Forward program commencement date	Tuesday 1 July 2025
Forward program end date	Friday 30 June 2028
Forward program revision (if applicable)	
Contact	Alex Butt
Mining leases	ML 1862 (1992), ML 1686 (1992), ML 1746 (1992)
Project location	Hera Resources Pty Limited
Date of submission	Monday 29 September 2025
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Three-year forecast - surface disturbance activities

Project description

The Federation Project is an underground metalliferous mining project owned by Hera Resources Pty Ltd (Hera Resources), a wholly owned subsidiary of Aurelia Metals Limited (Aurelia) which was approved in March 2023 under SSD 24319456. The project is located approx. 100km SE of Cobar and approx. 4km south of Nymagee in the central west of New South Wales (NSW). The Federation Project consists of an underground mine, a former underground mine, a run-of-mine (ROM) pad, temporary waste rock emplacement areas (WREAs), processing plant, tailings storage facility (TSF), and associated infrastructure and ancillary activities. Hera Resources previously operated Hera Mine (now disused), approx. 10 km north of Federation Mine, which was approved under MP 10_0191 in December 2012. MP 10_0191 was surrendered in 2025 with infrastructure at Hera Mine retained to support operations at Federation Mine with both mines now approved under SSD 24319456. The Site is approved to mine until 31 December 2036.

Description of surface disturbance activities

Exploration activities

Exploration activities will be conducted across the Site over the course of the forecast period. It is anticipated that exploration areas developed during the forecast would be progressively rehabilitated following completion of activities. Surface exploration is being done at Federation and will continue to be conducted through the reporting period to improve understanding of the Federation ore body. Exploration activities will include soil sampling, auger drilling, aircore drilling, and geophysical surveys. It is expected that approximately 8000 m of surface diamond drilling will be conducted each year, this may increase pending discoveries.

Construction activities

There is no construction planned at the Site in the next three years.

Mining schedule

Mining development method and sequencing and general mine features.

Continuation of existing mining activities using underground stope mining methods. Ore mined at Site is via open stope mining methods and trucked from the underground mine to a surface stockpile adjacent to the process plant. Stope voids are backfilled with waste rock. Mine access is via a boxcut and decline from the surface.

Areas identified for emplacements, the sequencing of emplacements, construction, and management.

Topsoil stockpile areas are established at Federation Mine to maintain topsoil resources for rehabilitation activities. Waste Rock Emplacement Areas (WREAs) are established at the Federation Mine to preserve Non-Acid Forming (NAF) material for construction and rehabilitation purposes. A segregated Potentially Acid Forming (PAF) WREA has been developed to temporarily store PAF until closure. WREAs will be managed in accordance with the Waste Rock Management Plan. A ROM pad has also been established at the Federation Mine.

Processing infrastructure activities and the location of tailings facilities and schedule for emplacement.

Ore will be transported to Peak Mine for processing. The TSF at Hera Mine is currently in care and maintenance after operations ceased at Hera Mine in 2023. It will continue to support operations from Federation Mine once processing resumes at Site.

Waste disposal and materials handling operations.

The Site has an integrated Waste Management Contract with a licenced waste contractor to manage waste streams on site. This contractor is responsible for the management and disposal of waste generated on site. Key waste streams (apart from waste rock) that will be generated over the next three years comprise of: • Recyclable and non-recyclable general wastes; and • Other wastes from mining and workshop activities (e.g. waste oils, scrap metal and used tyres). General waste minimisation principles (i.e. reduce, re-use and recycling) will continue to be applied at the Site to minimise the quantity of wastes that require off-site disposal. All general domestic waste (e.g. general solid [putrescibles] and general solid [non putrescible] waste as defined in Waste Classification Guidelines Part 1: Classifying Waste [EPA, 2014]) and general recyclable products will continue to be collected by an appropriately licensed contractor. Hydrocarbon compounds will continue to be stored in bunded areas in accordance with the requirements of Australian Standard (AS) 1940:2004 The Storage and Handling of Flammable and Combustible Liquids.

Key production milestones

MATERIAL	UNIT	YEAR 1	YEAR 2	YEAR 3
Stripped topsoil (if applicable)	(m ³)	0	0	0
Rock/overburden	(m ³)	0.43	0.33	0.2
Ore	(Mt)	0.33	0.46	0.6
Reject material¹	(Mt)	0	0	0
Product	(Mt)	0	0	0

¹This includes coarse rejects, tailings and any other wastes resulting from beneficiation.

Three-year rehabilitation forecast

Rehabilitation planning schedule

Rehabilitation planning schedule

Rehabilitation works for the forecast period is limited to minor rehabilitation works of exploration disturbance areas and field tracks. The timing and locations of areas available for rehabilitation will be determined as mining progresses.

Stakeholder consultation

Hera Resources will perform stakeholder consultation on a quarterly and ongoing basis with the parties listed below: • Quarterly meeting - Community consultative committee (CCC) (contains members from Council, community, and mine site) • Consultation will be conducted with the RR and DPHI in regard to management plans including the Rehabilitation Strategy and rehabilitation management documents.

Rehabilitation studies, risk assessments and/or design work

Hera Resources will continue to conduct studies and trials to achieve the planned final landform for the TSF. Trials over the next three years will focus on the final landform of the Hera TSF, including cap design. Timings and feasibility of specific trial designs are still being finalised, and trials may not commence during this Forward Program.

Rehabilitation research and trials

RRT NUMBER	PROJECT/TRIAL NAME	OBJECTIVE OF TRIAL/PROJECT	METHODOLOGY	EXPECTED DATE OF COMPLETION	STATUS
RRT0001128	01 Nil Hera TSF revegetation with hydromulch Investigate the effectiveness of hydromulch on the reve	Investigate the effectiveness of hydromulch on the revegetation of the TSF.	Install hydromulch and monitor vegetation growth.	30 Dec 2027	Ongoing
RRT0001157	Cover and Landform Design of Her Mine TSF	Determine the optimal cover thickness and configuration of the Hera Mine TSF.	The use of LEM and WEPP modelling.	30 Jun 2027	Not started

Rehabilitation maintenance and corrective actions

No rehabilitation maintenance or correction has been required in the reporting period.

Rehabilitation schedule

No rehabilitation is planned for the next three years with the exception of minor works for disused boreholes or exploration sites. If any boreholes or exploration sites become available rehabilitation, they will be rehabilitated in line with the process described in the RMP.

Completion of rehabilitation

Subsidence remediation for underground operations

Progressive mining and rehabilitation statistics

Three-yearly forecast cumulative disturbance and rehabilitation progression

Forecast		UNIT	YEAR 1	YEAR 2	YEAR 3
A1	Total disturbance footprint - surface disturbance	(ha)	195.31	195.31	195.31
O	Total active disturbance	(ha)	195.31	195.31	195.31
P	Total new area of land proposed for active rehabilitation	(ha)	0	0	0

Rehabilitation key performance indicators (KPIs)

Forecast		UNIT	YEAR 1	YEAR 2	YEAR 3
O	Total new disturbance area during reporting period	(ha)			
P	Total new area of land proposed for rehabilitation during the reporting period	(ha)			
Q	Annual rehabilitation to disturbance ratio				

Attachment 1 - Reporting Definitions

REPORTING CATEGORY		DEFINITION
A	Total disturbance footprint - surface disturbance	All areas within a mining lease that either have at some point in time or continue to pose a rehabilitation liability due to surface disturbance activities. The total disturbance footprint is the sum of the total active disturbance, decommissioning, landform establishment, growth medium development, ecosystem and land use establishment, ecosystem and land use development and rehabilitation completion (see definitions below). Underground mining operations should not include the footprint of underground mining areas/subsidence management areas in the total disturbance footprint.
B	Total active disturbance	Includes on-lease exploration areas, stripped areas ahead of mining, infrastructure areas, water management infrastructure, sewage treatment facilities, topsoil stockpile areas, access tracks and haul roads, active mining areas, waste rock emplacements (active/unshaped/in or out-of-pit), tailings dams (active/unshaped/uncapped) and temporary stabilised areas (e.g. areas sown with temporary cover crops for dust mitigation and temporary rehabilitation).
C	Rehabilitation - land preparation	Includes the sum of all disturbed land within a mining lease that have commenced

REPORTING CATEGORY	DEFINITION
	any, or all, of the following phases of rehabilitation - decommissioning, landform establishment and growth medium development. Refer to the glossary of terms in this document for the definition of these phases of rehabilitation.
D Ecosystem and land use establishment	Includes the area which has been seeded/planted with the target vegetation species for the intended final land use. However, vegetation has not matured to a stage where it can be demonstrated that it will be sustainable for the long term and or require only a maintenance regime consistent with target reference/analogue sites. Typically, rehabilitation areas would be in this phase for at least two years (and usually more) before rehabilitation can be classified as being in the ecosystem and land use development phase. This phase does not apply to infrastructure areas that are being retained as part of final land use for the site.
O	The area of any new active disturbance that will be created during the next three years, as defined under definition A1 (definition A1 Table 5).
P	The sum of any new rehabilitation to be commenced in the next three years. These areas may be in the phases "Rehabilitation - Land Preparation" or the "Ecosystem & Land Use Establishment" (definitions C & D in Table 5).

REPORTING CATEGORY	DEFINITION
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Q	The rehabilitation to disturbance ratio (S / R) indicates how many hectares of new rehabilitation are undertaken for each hectare of land disturbed during the three years. A ratio of 1/1 indicates that the area of new rehabilitation and disturbance in that period are the same.
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Attachment 2 - Definitions

WORD	DEFINITION
Active	In the context of rehabilitation, land associated with mining domains is considered 'active' for the period following disturbance until the commencement of rehabilitation.
Active mining phase of rehabilitation	In the context of rehabilitation, the active mining phase of rehabilitation constitutes the rehabilitation activities undertaken during mining operations such as salvaging and managing soil resources, salvaging habitat resources, and native seed collection. This phase also includes management actions taken during operations to manage risks to rehabilitation and enhance rehabilitation outcomes such as selective handling of waste rock and management of tailings emplacements.
Analogue site	In the context of rehabilitation, an analogue site is a 'reference site' that represents an example of the defining characteristics (such as vegetation composition and structure or agricultural productivity) of the final land use. Characteristics of analogue sites can be assessed to develop the rehabilitation objectives and completion criteria for final land use domains.
Annual rehabilitation report and forward program	As described in the Mining Regulation 2016.
Annual reporting period	As defined in the Mining Regulation 2016.

WORD	DEFINITION
Closure	A whole-of-mine-life process, which typically culminates in the relinquishment of the mining lease. It includes decommissioning and rehabilitation to achieve the approved final land use(s).
Decommissioning	The process of removing mining infrastructure and removing contaminants and hazardous materials.
Decommissioning Phase of Rehabilitation	Activities associated with the removal of mining infrastructure and removal and/or remediation of contaminants and hazardous materials. In the context of the rehabilitation management plan this phase of rehabilitation may also include studies and assessments associated with decommissioning and demolition of infrastructure or works carried out to make safe or 'fit for purpose ' built infrastructure to be retained for future use(s) following lease relinquishment.
Department	Department of Primary Industries and Regional Development.
Disturbance	See Surface Disturbance.
Disturbance area	An area that has been disturbed and that requires rehabilitation. This may include areas such as on-licence exploration areas, stripped areas ahead of mining, infrastructure areas, water management infrastructure, sewage treatment facilities, topsoil stockpile areas, access tracks and haul roads, active mining areas, waste emplacements (active/unshaped/in or out-of-pit), tailings dams (active/unshaped/uncapped), and areas requiring rehabilitation that are temporarily stabilised (i.e. managed to minimise dust generation and/or erosion).

WORD	DEFINITION
Domain	An area (or areas) of the land that has been disturbed by mining and has a specific operational use (mining domain) or specific final land use (final land use domain). Land within a domain typically has similar geochemical and/or geophysical characteristics and therefore requires specific rehabilitation activities to achieve the associated final land use.
Ecosystem and Land Use Development	This phase of rehabilitation consists of the activities to manage maturing rehabilitation areas on a trajectory to achieving the approved rehabilitation objectives and completion criteria. For vegetated land uses this phase may include processes to develop characteristics of functional self-sustaining ecosystems, such as nutrient recycling, vegetation flowering and reproduction, and increasing habitat complexity, and development of a productive, self-sustaining soil profile. This phase of rehabilitation may include specific vegetation management strategies and maintenance such as tree thinning, supplementary plantings and weed management.
Ecosystem and Land Use Establishment	This phase of rehabilitation consists of the processes to establish the approved final land use following construction of the final landform. For vegetated land uses this rehabilitation phase includes establishing the desired vegetation community and implementing land management activities such as weed control. This phase of rehabilitation may also include habitat augmentation such as installation of nest boxes.
Exploration	Has the same meaning as that term under the State Environmental Planning Policy (Mining,

WORD	DEFINITION
	Petroleum Production and Extractive Industries) 2007.
Final landform and rehabilitation plan	As defined in the Mining Regulation 2016.
Final land use	As defined in the Mining Regulation 2016.
Form and way	Means the form and way approved by the Secretary. Approved form and way documents are available on the department's website.
Growth Medium Development	This phase of rehabilitation consists of activities required to establish the physical, chemical and biological components of the substrate required to establish the desired vegetation community (including short lived pioneer species. This phase may include spreading the prepared landform with topsoil and/or subsoil and/or soil substitutes, applying soil ameliorants to enhance the physical, chemical and biological characteristics of the growth media, and actions to minimise loss of growth media due to erosion.
Habitat	Has the same meaning as that term under the Biodiversity Conservation Act 2016 and the Fisheries Management Act 1994 (as relevant).
Indicator	An attribute of the biophysical environment (e.g. pH, topsoil depth, biomass) that can be used to approximate the progression of a biophysical process. It can be measured and audited to demonstrate (and track) the progress of an aspect of rehabilitation towards a desired completion

WORD	DEFINITION
	criterion (i.e. defined end point). It may be aligned to an established protocol and used to evaluate changes in a system.
Land	As defined in the Mining Act 1992.
Landform Establishment	This phase of rehabilitation consists of the processes and activities required to construct the final landform. In addition to profiling the surface of rehabilitation areas to the approved final landform profile this phase may include works to construct surface water drainage features, encapsulate problematic materials such as tailings, and prepare a substrate with the desired physical and chemical characteristics (e.g. rock raking or ameliorating sodic materials).
Large mine	As defined in the Mining Regulation 2016.
Lease holder	The holder of a mining lease.
Life of mine	The timeframe of how long a mine is approved to mine, from commencement to closure.
Mine rehabilitation portal	Means the Resources Regulator's online portal that lease holders must use (via a registered account) to:

WORD	DEFINITION
	• upload rehabilitation geographical information system (GIS) spatial data • develop rehabilitation GIS spatial data (using online tracing functions) • generate rehabilitation plans and rehabilitation statistics using the map viewer and Rehabilitation Key Performance Indicator functionalities. Data submitted to the mine rehabilitation portal is collated in a centralised geodatabase for use by the Resources Regulator to regulate rehabilitation performance of lease holders.
Mining area	As defined in the Mining Act 1992.
Mining domain	A land management unit with a discrete operational function (e.g. overburden emplacement), and therefore similar geophysical characteristics, that will require specific rehabilitation treatments to achieve the final land use(s).
Mining land	As defined in the Mining Act 1992.
Native vegetation	Has the same meaning as that term under section 60B of the Local Land Services Act 2013.
Overburden	Material overlying coal or a mineral deposit.
Performance indicator	An attribute of the biophysical environment (for example pH, slope, topsoil depth, biomass) that can be used to demonstrate achievement of a rehabilitation objective. It can be measured and audited to

WORD	DEFINITION
	demonstrate (and track) the progress of an aspect of rehabilitation towards a desired completion criterion, that is, a defined end point. It may be aligned to an established protocol and used to evaluate changes in a system.
Phases of rehabilitation	The stages and sequences of actions required to rehabilitate disturbed land to achieve the final land use. The phases of rehabilitation are: • active mining • decommissioning • landform Establishment • growth medium development • landform Establishment • ecosystem and land use establishment • ecosystem and land use development
Progressive rehabilitation	The progress of rehabilitation towards achieving the approved rehabilitation completion criteria. This may be described in terms of domains, phases, performance indicators and rehabilitation completion criteria.
Rehabilitation Completion	The final phase of rehabilitation when a rehabilitation area has achieved the approved rehabilitation objectives and rehabilitation completion criteria for the final land use. Rehabilitation areas may be classified as complete when the Resources Regulator has determined in writing that the relevant

WORD	DEFINITION
	rehabilitation obligations have been fulfilled following submission of <i>Form ESF2 Rehabilitation completion and/or review of rehabilitation cost estimate application</i> by the lease holder.
Rehabilitation Completion criteria	As defined in the Mining Regulation 2016.
Rehabilitation cost estimate	As defined in the Mining Regulation 2016.
Rehabilitation management plan	As defined in the Mining Regulation 2016.
Rehabilitation objectives	As defined in the Mining Regulation 2016.
Rehabilitation risk assessment	As defined in the Mining Regulation 2016.
Rehabilitation schedule	The defined timeframes for progressive rehabilitation set out in the forward program.
Relevant stakeholders	Means any persons or bodies who may be affected by the mining operations, including rehabilitation, carried out on the lease land, and includes: • the relevant development consent authority • the local council • the relevant landholder(s) • community consultative committee (if required under the development consent) or equivalent

WORD	DEFINITION
	consultative group • affected land holder(s) • government agencies relevant to the final land use • affected infrastructure authorities (electricity, telecommunications, water, pipeline, road, rail authorities) • local Aboriginal communities, and • any other person or body determined by the Minister to be a relevant stakeholder in relation to a mining lease.
Risk	The effect of uncertainty on objectives. It is measured in terms of consequences and likelihood (AS/NZS ISO 31000:2009).
Secretary	The Secretary of the department.
Security deposit	An amount that a mining lease holder is required to provide and maintain under a mining lease condition, to secure funding for the fulfilment of obligations under the lease (including obligations that may arise in the future).
Surface disturbance	Includes activities that disturb the surface of the mining area, including mining operations, ancillary mining activities and exploration.

WORD	DEFINITION
Tailings	A combination of the fine-grained solid material remaining after the recoverable metals and minerals have been extracted from the mined ore, and any process water ² .
Waste	Has the same meaning as that term under the <i>Protection of the Environment Operations Act 1997</i> .

²Commonwealth of Australia (DITR), 2007. Tailings Management.

Attachment 3 - Plans

ARRFP_FED_Hera_Fig2A_ForecastYr1.pdf

ARRFP_FED_Hera_Fig2B_ForecastYr2.pdf

ARRFP_FED_Hera_Fig2C_ForecastYr3.pdf