



**Resources  
Regulator**

ARR0001657

# **BALRANALD MINERAL SANDS MINE ANNUAL REHABILITATION REPORT**

**Wednesday 1 January 2025 to Wednesday 31 December 2025**

## Summary table

Detail	
<b>Mine</b>	Balranald Mineral Sands Mine
<b>Reference</b>	ARR0001657
<b>Annual report period commencement date</b>	Wednesday 1 January 2025
<b>Annual report period end date</b>	Wednesday 31 December 2025
<b>Forward program</b>	FWP0001544
<b>Mining leases</b>	ML 1855 (1992), ML 1736 (1992)
<b>Lease holder(s)</b>	Iluka Resources Limited
<b>Contact</b>	Rohan Calley
<b>Date of submission</b>	Friday 27 February 2026
<b>Document URL</b> <small>Security reminder: Please exercise caution before opening external links. If a link appears suspicious, avoid clicking it and report it to the Resources Regulator.</small>	<a href="https://iluka.com">https://iluka.com</a>

## Important

The department may make the information in your program and any supporting information available for inspection by members of the public, including by publication on its website or by displaying the information at any of its offices. If you consider any part of your program to be confidential, please communicate this to the department via the message function on this submission within the Resources Regulator Portal.

## Mine Details

### Project description

Iluka have approval to develop a mineral sands mine in south-western NSW, known as the Balranald Mineral Sands Project. It includes construction, open-cut mining, primary processing, and rehabilitation of two linear mineral sand deposits, known as the West Balranald and Nepean deposits, located approximately 12 kilometres (km) and 66 km north-west of the town of Balranald, respectively. The Balranald Project also included undertaking an approved bulk sampling activity at the West Balranald deposit to trial the use of underground mining methods. On 21 December 2022, Iluka were granted approval to modify the consent (MOD1) to expand the underground mining trial which includes an additional area of disturbance to the approved Balranald Project area to enable primary processing of the ore into heavy mineral concentrate (HMC) and transport of HMC offsite for secondary processing at Iluka's interstate facilities.

### Life of mine

10 years

### Current development consents, leases and licences

Development consents granted under the *Environmental Planning and Assessment Act 1979*



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**Authorisations covering the mining area granted under the *Mining Act 1992***

ML 1855 (1992), ML 1736 (1992)

**Any other approvals, licences, or authorities issued by government agencies that are relevant to the progress of mining operation and rehabilitation activities**

Environmental Protection Licence (20795) EPBC Act Approval (2012/6509) Consolidated Development Consent SSD-5285

**Summary of the scope and/or purpose of the new applications or modifications to existing approvals (if applicable)**

Development consent SSD5285 was modified during the 2025 reporting period. Modification Consent was approved to SSD5285 (SSD5285 MOD4) on 16 July 2025 by the NSW Dept. of Planning, Housing and Infrastructure. The approved modification was for the construction of a 21 Megawatt off-grid energy generation system consisting of a solar farm, a 10 MW battery energy storage facility and 3 km of connecting powerline. This also included a revised ecosystem credit calculation relating to the proposed disturbance.

## Changes to land ownership and land use

No land ownership or use changes were made during the 2025 reporting period.

## Surface disturbance and rehabilitation activities during the reporting period

### **Surface disturbance and rehabilitation activities that were conducted and an analysis of the progress against the rehabilitation schedule**

Approximately 22.7 ha of native vegetation was cleared during the 2025 reporting period within ML1736 and ML1855. Clearance was required for the continued construction of the processing plant and mining infrastructure, the development of mining panels and for the solar power generation plant construction. Rehabilitation activities are yet to commence.

### **Rehabilitation planning activities that were conducted, including any specialist studies**

No new or modifications to the approved mining plan rehabilitation activities occurred during the reporting period. Demolition of the Mining Trial 3 Plant site (T3) was carried out during the report period. This included demolition and removal of spiral plant, thickener tank, cyclones, process tanks, oversize reclaim plant, pipework, sand stackers and steel scrap. Process water pond liners were also removed. All material was cleaned and scanned for NORM prior to leaving site. A total of 250 T of steel was recycled, 30 T of concrete reused on site, and 10 T of waste disposed to licenced landfill. This represents 95% of all demolished material being recycled.

### **Overview of subsidence repair and/or remediation works undertaken**

No subsidence repair or remediation works took place during the reporting period. Remote dozer trials have been conducted to assess the suitability for future work on areas of subsidence.

### **Overview of rehabilitation management and maintenance activities**

No rehabilitation activities were undertaken during the reporting period. Feral animal control was undertaken targeting foxes and pigs via baiting campaigns to reduce the numbers on the mine lease. Regular weed management is undertaken throughout the year

following inspections of disturbed areas where weeds are likely to establish, and locations where historic infestations have been recorded.

**Details of any rehabilitation actions taken as required by any letters, notices or directions issued by government agencies, including the Resources Regulator**

No rehabilitation directives were issued in the reporting period.

**Details of any rehabilitation areas that have achieved the final land use**

No rehabilitation has achieved final land use in the reporting period. Give the stage of the mine, no rehabilitation has been undertaken.

**Key production milestones**

<b>MATERIAL</b>	<b>UNIT</b>	<b>FWP0001544 YEAR1</b>	<b>THIS REPORT</b>
<b>Stripped topsoil</b> (if applicable)	(m <sup>3</sup> )	164,770	156,353
<b>Rock/overburden</b>	(m <sup>3</sup> )	449,135	368,052
<b>Ore</b>	(Mt)	0.16	0
<b>Reject material<sup>1</sup></b>	(Mt)	0.06	0
<b>Product</b>	(Mt)	0.1	0

<sup>1</sup>This includes coarse rejects, tailings and any other wastes resulting from beneficiation.

## Disturbance and rehabilitation statistics

### Current disturbance and rehabilitation progression

ELEMENT		UNIT	THIS REPORT
A1	Total disturbance footprint - surface disturbance	(ha)	338.55
B	Total active disturbance	(ha)	338.55
C	Rehabilitation - land preparation	(ha)	0
D	Ecosystem and land use establishment	(ha)	0
E	Ecosystem and land use development	(ha)	0
F	Rehabilitation completion	(ha)	0

## Rehabilitation key performance indicators (KPIs)

ELEMENT		UNIT	THIS REPORT
G	New disturbance area	(ha)	109.1
H	New rehabilitation commenced during annual reporting period	(ha)	0
I	Established rehabilitation	(ha)	0
J	Annual rehabilitation to disturbance ratio	%	0
K	Rehabilitated land to total mine footprint	%	0

## Progressive achievement of established rehabilitation

	ELEMENT	UNIT	THIS REPORT
L	Established rehabilitation for agricultural final land uses	%	0
M	Established rehabilitation for native ecosystem final land uses	%	0
N	Established rehabilitation for other/non-vegetated final land uses	%	0

## Variation to the rehabilitation schedule

Identify the components of the most recent forward program that were not achieved

n/a

Key factors that delayed progressive rehabilitation

n/a

Outline actions that will be included in the forward program and carried out to minimise disturbance and undertake progressive rehabilitation as far as reasonably practical

n/a

## Rehabilitation monitoring and research findings

### Rehabilitation monitoring

**The rehabilitation monitoring carried out in the annual reporting period**

No rehabilitation monitoring was undertaken in the reporting period.

### Status of performance against rehabilitation objectives and rehabilitation completion criteria

**The monitoring program that has been implemented**

No rehabilitation activities nor monitoring activities were planned for the reporting period.

**Are all rehabilitation areas in Landform Establishment phase or higher represented in the monitoring program to assess performance against the rehabilitation objectives and approved or, if not yet approved rehabilitation completion criteria and final landform and rehabilitation plan?**

No

**Year rehabilitation areas will be included as part of the monitoring program**

2028

**An appraisal of whether rehabilitation is moving towards achieving the proposed rehabilitation objectives, approved or, if not yet approved, rehabilitation completion criteria and final landform and rehabilitation plan as soon as reasonably practicable.**

No rehabilitation undertaken to date, site has been in construction phase.

**Appraisal description**

Rehabilitation is moving towards achieving the final land use as soon as reasonably practicable.

**Rehabilitation monitoring program findings**

No rehabilitation monitoring program carried out as the mine site (including ancillary infrastructure) is currently under construction during the reporting period. Monitoring of vertebrate pest animal and declared weeds species were conducted, and control measures were implemented during the reporting period. Monitoring inspections of water storages and drainage infrastructure were undertaken during the reporting period to ensure stormwater runoff and sediment is being captured and not being discharged offsite while construction works were ongoing.

**Performance issues and their causes including identification of any knowledge gaps that must be addressed**

Nil

## Outcomes of rehabilitation research and trials

RRT NUMBER	PROJECT/TRIAL NAME	OBJECTIVE OF TRIAL/PROJECT	METHODOLOGY	EXPECTED DATE OF COMPLETION	STATUS	ON TRACK?
RRT0001115	<b>Lime dosing optimisation</b>	The objective of this study is to identify the minimum limestone addition rate that meets Iluka's environmental obligations and maintains low environmental risk into the future.	The following scope of work has been developed to deliver the project objectives: • STAGE 1 – Review and risk assessment. • STAGE 2 – Scope and plan geochemical laboratory work programme. • STAGE 3 – Geochemical laboratory work program, impact assessment, and limestone amendment procedures. • STAGE 4 – Reporting and final limestone requirements.	30 Jun 2025	Ongoing	Yes
RRT0001136	<b>Remote dozer trials</b>	To confirm that areas previously mined using underground mining method are geotechnical stable for final landform establishment.	Remotely operated dozer and tow behind compactor will be deployed on previously mined areas where subsidence was observed during the T3 trials.	30 Jun 2025	Not started	Yes
RRT0001135	<b>Remote dozer trials</b>	To confirm that areas previously mined using underground mining method are geotechnical stable for final landform establishment.	Remotely operated dozer and tow behind compactor will be deployed on previously mined areas where subsidence was observed during the T3 trials.	30 Jun 2025	Ongoing	Yes

**Outcomes of completed trials and research**

N/A

## Attachment 1 - Reporting Definitions

REPORTING CATEGORY		DEFINITION
<b>A1</b>	<b>Total disturbance footprint - surface disturbance</b>	<p>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.</p> <p>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).</p> <p>Underground mining operations should not include the footprint of underground mining areas/subsidence management areas in the total disturbance footprint.</p>
<b>A2</b>	<b>Underground Mining Area</b>	Underground mining operations areas/subsidence management areas.
<b>B</b>	<b>Total active disturbance</b>	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).
<b>C</b>	<b>Rehabilitation - land preparation</b>	Includes the sum of all disturbed land within a mining lease that have commenced any, or all, of

REPORTING CATEGORY		DEFINITION
		<p>the following phases of rehabilitation - decommissioning, landform establishment and growth medium development.</p> <p>Refer to the glossary of terms in this document for the definition of these phases of rehabilitation.</p>
<b>D</b>	<b>Ecosystem and land use establishment</b>	<p>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.</p> <p>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.</p>
<b>E</b>	<b>Ecosystem and Land Use Development</b>	<p>Rehabilitation has matured to a level where target revegetation outcomes are on a trajectory towards meeting the final rehabilitation objectives and rehabilitation completion criteria (as verified by monitoring).</p> <p>This phase includes infrastructure areas that are to be retained for an approved post mining land use, following completion of all necessary measures to render the infrastructure fit for this purpose (for example structural integrity).</p>

REPORTING CATEGORY		DEFINITION
<b>F</b>	<b>Rehabilitation Completion</b>	The Resources Regulator has determined in writing that the mining area has achieved the approved rehabilitation objectives and approved rehabilitation completion criteria and final landform and rehabilitation plan following the submission of Form: <i>Rehabilitation completion and/or review of rehabilitation cost estimate and/or notification of mine or petroleum site closure</i> .
<b>G</b>	<b>New active disturbance area</b>	The area of any new active disturbance that has been created during the annual reporting period (definition A1 in Table 5).
<b>H</b>	<b>New rehabilitation commenced during annual reporting period</b>	The sum of any new rehabilitation commenced in the annual reporting period. These areas may be in the rehabilitation land preparation phase or the ecosystem & land use establishment phase (definitions C and D in Table 5).
<b>I</b>	<b>Established rehabilitation (hectares)</b>	The total area of land that is verified to be within either the ecosystem and land use development phase or the rehabilitation completion phase (definitions E & F in Table 5).
<b>J</b>	<b>Annual rehabilitation to disturbance ratio</b>	The rehabilitation to disturbance ratio (H/G) indicates how many hectares of new rehabilitation are undertaken for each hectare of land disturbed during the year. A ratio of 1/1 indicates that the area of new rehabilitation and disturbance in that year are the same.
<b>K</b>	<b>% Rehabilitated land to total mine footprint</b>	The proportion of the total mine footprint (area of land that has been disturbed by past or present surface disturbance activities) that has established rehabilitation ( $I/A1 \times 100$ ). For open cut mining, the proportion of the total mine footprint verified to be "established rehabilitation" should substantially increase as an operation progresses towards mine closure.

REPORTING CATEGORY		DEFINITION
<b>L</b>	<b>Established rehabilitation for agricultural final land uses (hectares)</b>	The percentage of total area of land that is verified to be within either the ecosystem and land use development phase or the rehabilitation completion phase (definitions E & F in Table 5) that have been returned to an agricultural final land use.
<b>M</b>	<b>Established rehabilitation for native ecosystem final land uses (hectares)</b>	The percentage of total area of land that is verified to be within either the ecosystem and land use development phase or rehabilitation completion phase (definitions E & F in Table 5) that have been returned to native ecosystem final land use.
<b>N</b>	<b>Established rehabilitation for other/non-vegetated final land uses (hectares)</b>	The percentage of total area of land that is verified to be within either the ecosystem and land use development phase or the rehabilitation completion phase (definitions E & F in Table 5) that have been returned to other/non-vegetated final land use.

## Attachment 2 - Definitions

WORD	DEFINITION
<b>Active</b>	In the context of rehabilitation, land associated with mining domains is considered 'active' for the period following disturbance until the commencement of rehabilitation.
<b>Active mining phase of rehabilitation</b>	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.
<b>Analogue site</b>	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.
<b>Annual rehabilitation report and forward program</b>	As described in the Mining Regulation 2016.
<b>Annual reporting period</b>	As defined in the Mining Regulation 2016.
<b>Closure</b>	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).

WORD	DEFINITION
<b>Decommissioning</b>	The process of removing mining infrastructure and removing contaminants and hazardous materials.
<b>Decommissioning Phase of Rehabilitation</b>	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.
<b>Department</b>	Department of Primary Industries and Regional Development.
<b>Disturbance</b>	See Surface Disturbance.
<b>Disturbance area</b>	<p>An area that has been disturbed and that requires rehabilitation.</p> <p>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).</p>
<b>Domain</b>	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

WORD	DEFINITION
	activities to achieve the associated final land use.
<b>Ecosystem and Land Use Development</b>	<p>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.</p> <p>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.</p> <p>This phase of rehabilitation may include specific vegetation management strategies and maintenance such as tree thinning, supplementary plantings and weed management.</p>
<b>Ecosystem and Land Use Establishment</b>	<p>This phase of rehabilitation consists of the processes to establish the approved final land use following construction of the final landform.</p> <p>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.</p>
<b>Exploration</b>	Has the same meaning as that term under the State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007.
<b>Final landform and rehabilitation plan</b>	As defined in the Mining Regulation 2016.

WORD	DEFINITION
<b>Final land use</b>	As defined in the Mining Regulation 2016.
<b>Form and way</b>	Means the form and way approved by the Secretary. Approved form and way documents are available on the department's website.
<b>Growth Medium Development</b>	<p>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).</p> <p>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.</p>
<b>Habitat</b>	Has the same meaning as that term under the Biodiversity Conservation Act 2016 and the Fisheries Management Act 1994 (as relevant).
<b>Indicator</b>	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 criterion (i.e. defined end point). It may be aligned to an established protocol and used to evaluate changes in a system.
<b>Land</b>	As defined in the Mining Act 1992.

WORD	DEFINITION
<b>Landform Establishment</b>	<p>This phase of rehabilitation consists of the processes and activities required to construct the final landform.</p> <p>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).</p>
<b>Large mine</b>	As defined in the Mining Regulation 2016.
<b>Lease holder</b>	The holder of a mining lease.
<b>Life of mine</b>	The timeframe of how long a mine is approved to mine, from commencement to closure.
<b>Mine rehabilitation portal</b>	<p>Means the Resources Regulator's online portal that lease holders must use (via a registered account) to:</p> <ul style="list-style-type: none"> <li>▪ upload rehabilitation geographical information system (GIS) spatial data</li> <li>▪ develop rehabilitation GIS spatial data (using online tracing functions)</li> <li>▪ generate rehabilitation plans and rehabilitation statistics using the map viewer and Rehabilitation Key Performance Indicator functionalities.</li> </ul> <p>Data submitted to the mine rehabilitation portal is collated in a centralised geodatabase for use by</p>

WORD	DEFINITION
	the Resources Regulator to regulate rehabilitation performance of lease holders.
<b>Mining area</b>	As defined in the Mining Act 1992.
<b>Mining domain</b>	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).
<b>Mining land</b>	As defined in the Mining Act 1992.
<b>Native vegetation</b>	Has the same meaning as that term under section 60B of the Local Land Services Act 2013.
<b>Overburden</b>	Material overlying coal or a mineral deposit.
<b>Performance indicator</b>	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 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.
<b>Phases of rehabilitation</b>	The stages and sequences of actions required to rehabilitate disturbed land to achieve the final land use. The phases of rehabilitation are:

WORD	DEFINITION
	<ul style="list-style-type: none"> <li>▪ active mining</li> <li>▪ decommissioning</li> <li>▪ landform Establishment</li> <li>▪ growth medium development</li> <li>▪ landform Establishment</li> <li>▪ ecosystem and land use establishment</li> <li>▪ ecosystem and land use development</li> </ul>
<b>Progressive rehabilitation</b>	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.
<b>Rehabilitation Completion</b>	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 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.
<b>Rehabilitation Completion criteria</b>	As defined in the Mining Regulation 2016.
<b>Rehabilitation cost estimate</b>	As defined in the Mining Regulation 2016.

WORD	DEFINITION
<b>Rehabilitation management plan</b>	As defined in the Mining Regulation 2016.
<b>Rehabilitation objectives</b>	As defined in the Mining Regulation 2016.
<b>Rehabilitation risk assessment</b>	As defined in the Mining Regulation 2016.
<b>Rehabilitation schedule</b>	The defined timeframes for progressive rehabilitation set out in the forward program.
<b>Relevant stakeholders</b>	<p>Means any persons or bodies who may be affected by the mining operations, including rehabilitation, carried out on the lease land, and includes:</p> <ul style="list-style-type: none"> <li>▪ the relevant development consent authority</li> <li>▪ the local council</li> <li>▪ the relevant landholder(s)</li> <li>▪ community consultative committee (if required under the development consent) or equivalent consultative group</li> <li>▪ affected land holder(s)</li> <li>▪ government agencies relevant to the final land use</li> <li>▪ affected infrastructure authorities (electricity, telecommunications, water, pipeline, road, rail authorities)</li> <li>▪ local Aboriginal communities, and</li> <li>▪ any other person or body determined by the Minister to be a relevant stakeholder in relation to</li> </ul>

WORD	DEFINITION
	a mining lease.
<b>Risk</b>	The effect of uncertainty on objectives. It is measured in terms of consequences and likelihood (AS/NZS ISO 31000:2009).
<b>Secretary</b>	The Secretary of the department.
<b>Security deposit</b>	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).
<b>Surface disturbance</b>	Includes activities that disturb the surface of the mining area, including mining operations, ancillary mining activities and exploration.
<b>Tailings</b>	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 <sup>2</sup> .
<b>Waste</b>	Has the same meaning as that term under the <i>Protection of the Environment Operations Act 1997</i> .

<sup>2</sup>Commonwealth of Australia (DITR), 2007. Tailings Management.

## Attachment 3 - Rehabilitation Complaints

DATE	COMPLAINANT	COMPLAINT DETAILS	RESPONSE DETAILS	STATUS OF RESPONSE	DATE RESPONSE COMPLETED (IF APPLICABLE)
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## Attachment 4 - Stakeholder consultation

DATE	STAKEHOLDER	CONSULTATION ACTIVITIES AND FORMS	MATTERS SUBJECT TO CONSULTATION	ACTIONS TAKEN
23 Jan 2023	NSW Resources Regulator	Teams meeting	Discuss Final Landuse Rehabilitation Plan (FLRP0001062) and Rehabilitation Objectives (ROBJ0001063) resubmissions.	Re-submit rehabilitation outcome documents for assessment.
22 Sep 2023	NSW Resources Regulator	Team meeting	Submission of Final Landform and Rehabilitation Plan and Rehabilitation Objectives. Discussion on outstanding matters with spatial data submitted and mining domains.	Amend spatial data and re-submit via the Rehabilitation Portal.
11 May 2022	Resources Regulator	Site visit by Senior Inspector Steve Clipperton.	1. Bathurst Burr ( <i>Xanthium spinosum</i> ) weed infestations identified around soils stockpiles and drainage lines. 2. Drill cuttings placed in drainage structure. 3. Small amount of subsoil deposited on top of topsoil stockpile. 4. Old silt fence around soil stockpiles fallen over	1. Bathurst Burr mechanically removed and disposed of at Balranald landfill. 2. Drill cuttings relocated for future disposal. 3. Subsoil will be separated from topsoil prior to replacement. 4. Old silt fence still in situ scheduled for removal during site clean-up works prior to commencement of MOD1 mining activities.
6 Dec 2024	Local Landcare Group, NSW Local Lands Services, Balranald Community	Annual community meeting with local government	Biosecurity issues affecting agricultural land, and impacting on endemic fauna species within the Shire; Local government initiatives for population	Contact details provided to community to assist with better access to baits; Community consensus on simultaneous deployment of baits be organised

	Landowners	representatives held at Homebush Pub.	control and assistance with access to pest management resources (baits,etc); Project update on status of the Mine’s construction schedules including upcoming transport of deliveries to site.	to maximise culling numbers.
9 Dec 2025	Resource Regulator	Site visit by the NSW Resource regulator. On 9 December 2025, a revegetation TAP was conducted at the Balranald Mineral Sands Mine (the mine). The assessment focused on how revegetation is being undertaken to achieve sustainable rehabilitation outcomes.	The inspection focused on the rehabilitation risk assessment and the Rehabilitation Management Plan (RMP) for the mine. The regulator determined the risk assessment required refinement, while a gap analysis is required for the RMP where some parameters are possibly lacking in detail of methodology, delivery and completion outcomes	A letter was received on 14 January 2026 with the request a rehabilitation action plan be developed within 8 weeks of receipt of the letter. Given the timing of the request, it will be responded to in the next (2026) reporting period.

## Attachment 5 - Plans

Plan 1A attachment not provided.

Plan 1B attachment not provided.