NSW GOVERNMENT

Resources Regulator

FWP0001897

CANYONLEIGH BAUXITE PIT FORWARD PROGRAM

Friday 15 May 2026 to Monday 14 May 2029

Summary

Detail	
Mine	Canyonleigh Bauxite Pit
Reference	FWP0001897
Forward program commencement date	Friday 15 May 2026
Forward program end date	Monday 14 May 2029
Forward program revision (if applicable)	
Contact	Meg Mavin
Mining leases	PLL 1236 (1924)
Project location	Pgh Bricks & Pavers Pty Limited
Date of submission	Monday 29 June 2026
Document URL *Security reminder: Please exercise caution before opening external links. If a link appears suspicious, avoid clicking it and report it to the Resources Regulator.*	https://www.pghbricks.com.au/resources/other-resources/nsw-environmental-reporting

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.

Three-year forecast - surface disturbance activities

Project description

The Canyonleigh site is on Lot 1 DP 516824, located off Canyonleigh Road within the Wingecarribee Shire Local Government Area. The site is located approximately 17km southwest of Moss Vale. Access to the Canyonleigh site is off Canyonleigh Road to the north of the site. PLL1236 was granted 15 May 1969 to extract Group 2 and group 5 minerals (Bauxite and Clay) and is valid until 15 May 2040.

Description of surface disturbance activities

Exploration activities

No exploration activities are proposed or anticipated to be undertaken within the mining lease area during the next three years.

Construction activities

No construction activities are planned or expected to be undertaken on site during the next three years.

Mining schedule

Mining development method and sequencing and general mine features.

No new disturbance is proposed during the FWP period. An application has been submitted to suspend mining activities from

01/06/2026 to 01/06/2029; however, approval is yet to be granted. During this period, any material extracted would be sourced from existing stockpiles. The mining sequence and staging remain aligned with the life-of-mine rehabilitation schedule. Should mining recommence during the FWP period, extraction activities will be confined to the western and south-western portions of the site within areas that have been previously disturbed. No expansion into undisturbed areas is proposed. Mining operations will continue to follow the existing approved development methodology, with bauxite extraction occurring within established mining areas. Existing batter slopes of 1 horizontal to 1.5 vertical (1H:1.5V) will be maintained throughout operations to ensure consistency with the approved mine design and rehabilitation objectives.

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

No overburden is expected to be generated during the next three years as no mining is expected to occur. If mining activities recommence they will remain confined to the existing disturbed active mining area. Any overburden encountered during mining operations will be managed within the existing approved overburden emplacement areas. These areas are located within the eastern portion of the active void and along the perimeter of the void. As overburden volumes are anticipated to be minimal, no new emplacement areas or significant construction works are proposed during the FWP period. The placement and management of any overburden will be undertaken progressively and in accordance with the site's approved operational and rehabilitation requirements.

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

No processing infrastructure activities are proposed or expected to occur during the next three years. There are no tailings storage facilities located on the site, and no tailings are generated as part of the mining operations. Accordingly, no tailings emplacement activities are scheduled.

Waste disposal and materials handling operations.

Waste disposal and materials handling operations over the next three years will continue to be managed in accordance with site environmental management procedures and relevant regulatory requirements. Putrescible waste, including non-recyclable waste

generated from site office and workshop activities, will be collected and disposed of through the local Council waste collection service. Hydrocarbons resulting from any accidental fuel or oil spills will be promptly contained and recovered using appropriate spill response equipment, including spill kits. Recovered contaminated materials will be transported to a suitably licensed waste disposal facility, with disposal records maintained as required. Should contaminated soils be identified, they will be assessed by appropriately qualified specialists. Management, treatment, and disposal of contaminated soils will be undertaken in accordance with specialist recommendations and applicable regulatory requirements.

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	0	0
Ore	(Mt)	0.01	0.01	0.01
Reject material[1]	(Mt)	0	0	0
Product	(Mt)	0	0	0

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

Three-year rehabilitation forecast

Rehabilitation planning schedule

Rehabilitation planning schedule

Rehabilitation activities over the next three years will focus on the ongoing monitoring and maintenance of existing rehabilitation areas. This will include monitoring rehabilitation performance, undertaking weed management as required, and carrying out supplementary seeding of the western face if warranted by rehabilitation outcomes and mining campaign duration. Feedback and recommendations from the Resources Regulator will be considered and incorporated into future rehabilitation planning and management to support continuous improvement and address any identified knowledge gaps.

Stakeholder consultation

No stakeholder consultation activities are currently planned or expected to occur during the next three years.

Rehabilitation studies, risk assessments and/or design work

No rehabilitation studies, risk assessments, or design work are expected to be undertaken over the next three years relating to final landform establishment, surface water management, final void management, or tailings dam decommissioning.

Rehabilitation research and trials

RRT NUMBER	PROJECT/TRIAL NAME	OBJECTIVE OF TRIAL/PROJECT	METHODOLOGY	EXPECTED DATE OF COMPLETION	STATUS

Rehabilitation maintenance and corrective actions

Rehabilitation maintenance and corrective actions will be undertaken in accordance with the RMP. Ongoing monitoring of rehabilitated areas will continue over the FWP period to identify any performance issues or emerging knowledge gaps. At present, no areas have been identified as requiring corrective action during the reporting period. Should any issues be identified through monitoring or future reporting, appropriate maintenance measures will be implemented, which may include weed control, erosion management, recontouring, or supplementary seeding as required. Feedback and recommendations from the Resources Regulator will be considered and incorporated into ongoing rehabilitation planning and management to support continuous improvement and ensure rehabilitation objectives are met.

Rehabilitation schedule

The mining and rehabilitation schedule has been developed to minimise disturbance by limiting operations to previously disturbed areas and maintaining a focus on progressive rehabilitation where practicable. A rehabilitation strip was established during the previous mining campaign in the eastern portion of the pit. This area has been covered with vegetation material and topsoil and will be subject to ongoing monitoring to assess establishment and stability. No additional rehabilitation activities are currently planned within the FWP period. Should mining or rehabilitation requirements change, additional areas will be incorporated into an amended FWP to ensure continued alignment with progressive rehabilitation objectives and regulatory requirements.

Completion of rehabilitation

No rehabilitation areas are currently completed, and no applications for rehabilitation completion are expected to be lodged with the Resources Regulator within the next three years.

Subsidence remediation for underground operations

No subsidence monitoring or remediation words are proposed to be conducted over the next three years.

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)	4.28	4.28	4.28
B	**Total active disturbance**	(ha)	3.9	3.9	3.9
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	**N/A**	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	**N/A**	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
Q	N/A	The rehabilitation to disturbance ratio (P:O) 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.

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 *Form ESF2 Rehabilitation completion and/or review of rehabilitation cost estimate application* 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 *Protection of the Environment Operations Act 1997*.

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

Attachment 3 - Plans

Plan 2A.pdf

Plan 2B.pdf

Plan 2C.pdf

Canyonleigh Bauxite Pit - Plan 2A - 15/05/2026 - 14/05/2029

Legend

- Forecast Data Year1
  - Forecast Disturbance
  - Forecast Land Prepared for Rehabi
  - Ecosystem and Land Use Establish
- Project Approval Boundary
- Mine Operations Area
- World Imagery
- Low Resolution 15m Imagery
- High Resolution 60cm Imagery
- High Resolution 30cm Imagery
- Citations

Notes

Date 05/06/26
Submission IDs:
Project Approval Boundary - 8189
Forecast Data Year 1 - 12429

229.3 0 114.66 229.3 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

Canyonleigh Bauxite Pit - Plan 2B - 15/05/2026 - 14/05/2029

Legend

- Forecast Data Year2
  - Forecast Disturbance
  - Forecast Land Prepared for Rehabi
  - Ecosystem and Land Use Establish
- Project Approval Boundary
- Mine Operations Area
- World Imagery
- Low Resolution 15m Imagery
- High Resolution 60cm Imagery
- High Resolution 30cm Imagery
- Citations

229.3 0 114.66 229.3 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere

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Notes

Date 05/06/26
Submission IDs:
Project Approval Boundary - 8189
Forecast Data Year 2 - 12430

Canyonleigh Bauxite Pit - Plan 2C - 15/05/2026 - 14/05/2029

Legend

- Forecast Data Year3
  - Forecast Disturbance
  - Forecast Land Prepared for Rehabi
  - Ecosystem and Land Use Establish
- Project Approval Boundary
- Mine Operations Area
- World Imagery
- Low Resolution 15m Imagery
- High Resolution 60cm Imagery
- High Resolution 30cm Imagery
- Citations

Notes

Date 05/06/26
Submission IDs:
Project Approval Boundary - 8189
Forecast Data Year 3 - 12431

229.3 0 114.66 229.3 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere

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Rehabilitation Cost Estimate Tool - Mining New South Wales

PGH Bricks and Pavers Pty Ltd - Canyonleigh Bauxite Pit

RCE Summary

SITE REGISTRATION

Complete the following fields prior to calculating the Security Deposit.

Date of Estimate	11-Jun-26	**Mine Name**	Canyonleigh Bauxite Pit
Lease(s):	PLL1236		
Lease Holder(s):	PGH Bricks and Pavers Pty Ltd		
Term of RCE:	14-May-29	This is period of time over which the RCE amount will apply.	
Date of last Security Deposit Review:	08-Sep-25	This is the date of the most recent correspondence from the Department advising of the assessed deposit amount.	
Amount of the last Security Deposit Review:	$ 133,000.00	This is the most recent assessed deposit amount as per the most recent correspondence from the Department (see above).	
Current Security Deposit held by the Department:	$ 133,000.00	This is the current security deposit amount held by the Department.	
List key changes since previous submission:	Nil changes.		

COST SUMMARY

Mining Domain Type			**Cost**	**Comments**
Infrastructure Area			$ 7,436	
Infrastructure - Mine Entries			$ -	
Beneficiation Facility			$ -	
Tailings Storage Facilities			$ -	
Water Management Area			$ -	
Overburden Emplacement Area			$ 3,842	
Active Mining Area (Open Cut Void)			$ 36,356	
Underground Mining Areas			$ -	
Exploration			$ -	
Sub-total			**$ 47,633**	
Additional Items			**Cost**	
Other and Sundry			$ 116,917	
Sub-total			**$ 116,917**	
Totals				
Subtotal - all except Exploration			$ 164,550	
Subtotal - Exploration			$ -	
Subtotal - all		User	**$ 164,550**	
Contingency (Mining)	30%		$ 49,365	Enter reason here if contingency **greater** than default is entered
Contingency (Exploration only)	15%		$ -	Enter reason here if contingency **greater** than default is entered
Contingency Total			**$ 49,365**	
Grand Total (excluding GST)			**$ 213,915**	

Contingency for mining activities ok

Contingency for exploration activities ok