



**NSW
Resources
Regulator**

FWP0001358

JINDERA FORWARD PROGRAM

Monday 12 February 2024 to Thursday 11 February 2027

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Summary

DETAIL

Mine	Jindera
Reference	FWP0001358
Forward program commencement date	Monday 12 February 2024
Forward program end date	Thursday 11 February 2027
Forward program revision (if applicable)	
Contact	Georgina Thompson
Mining leases	ML 1730 (1992)
Project location	PGH Bricks & Pavers Pty Ltd
Date of submission	Friday 12 April 2024

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 NSW Resources Regulator Portal.

Three-year forecast – surface disturbance activities

Project description

Jindera Clay Mine is located off Hueske and Urana Roads, adjacent to the Albury Brickworks approximately 2km south of the township of Jindera and 11km northwest of Albury. The mine is situated on Lot 4 DP 581243, and located in the Greater Hume Shire Council local government area. Mining Lease (ML) 1730 covers operations within the active mine and is approximately 23.19 hectares in size. The brickworks is located directly south of the ML boundary. ML 1730 was granted 21st February 2016 and expires 12th February 2037. Development Consent No.10.2014.30 was approved on 31 March 2015 by the Greater Hume Shire Council for “the continuation of existing use operations in movement of the extraction area”. Mining Lease 1730 was granted on 9th March 2016 for the extraction of Structural Clay and expires on the 12th February 2032.

Description of surface disturbance activities

Exploration activities

No exploration is proposed in the next three years.

Construction activities

No construction activities within the mine lease.

Mining schedule

Mining development method and sequencing and general mine features.

Mining sequence and staging for the next 3 years is in accordance with the Rehabilitation Management Plan.

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

Overburden won during the next three years will continue to be emplaced in the north of the active mining area.

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

There are no tailings on this site.

Waste disposal and materials handling operations.

Putrescible waste, such as non-recyclables from the office and workshop will be collected by Council waste pickups. Hydrocarbons from potential fuel spills will be contained and collected using spill kits and will be taken to an appropriately licensed landfill and documented. Any contaminated soils will be assessed and will be treated as directed by appropriately qualified specialists.

Key production milestones

MATERIAL	UNIT	YEAR 1	YEAR 2	YEAR 3
Stripped topsoil <small>(if applicable)</small>	(m ³)	0	0	0
Rock/overburden	(m ³)	0	0	0
Ore	(Mt)	0.03	0.03	0.03
Reject material¹	(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

Mining sequence and staging for the next 3 years is in accordance with the Rehabilitation Management Plan.

Stakeholder consultation

No stakeholder consultation is planned within the next three years unless there is a change in development consent conditions or a change in approved final landform/landuse.

Rehabilitation studies, risk assessments and/or design work

Rehabilitation Studies: Topsoil (stored on site) suitability for rehabilitation to be assessed as new land formed areas become available for topsoiling. Assessment of topsoil volume requirements for rehabilitation to be undertaken prior to undertaking topsoil spreading on land formed areas. RMP to be reviewed and updated to ensure compliance with new regulation reforms within six months of the implementation of the new regulation reforms commencement. Risk Assessments: Update the rehabilitation risk assessment and include in the updated RMP. Design Work: Review of the rehabilitation design work upon any change(s) in approved final landform/land use.

Rehabilitation research and trials

RRT NUMBER	PROJECT/TRIAL NAME	OBJECTIVE OF TRIAL/PROJECT	METHODOLOGY	EXPECTED DATE OF COMPLETION	STATUS
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Rehabilitation maintenance and corrective actions

Rehabilitation maintenance and corrective action procedures are outlined in the rehabilitation management plan. There are no areas identified on the site that require corrective actions during the reporting period.

Rehabilitation schedule

No rehabilitation works are planned for the next three years.

Subsidence remediation for underground operations

There are no underground operations on the site.

Progressive mining and rehabilitation statistics

Three-yearly forecast cumulative disturbance and rehabilitation progression

FORECAST	UNIT	YEAR 1	YEAR 2	YEAR 3
A Total surface disturbance footprint	(ha)	14.88	14.88	14.88
B Total active disturbance	(ha)	14.88	14.88	14.88
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 active disturbance area	(ha)			
P Total new area of land proposed for active rehabilitation during the reporting period	(ha)			
Q Annual rehabilitation to disturbance ratio				

Attachment 1 – Reporting Definitions

REPORTING CATEGORY	DEFINITION
<p>A Total disturbance footprint – surface disturbance</p>	<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>
<p>B Total active disturbance</p>	<p>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).</p>
<p>C Rehabilitation – land preparation</p>	<p>Includes the sum of all disturbed land within a mining lease that have commenced any, or all, of 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>
<p>D Ecosystem and land use establishment</p>	<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>

REPORTING CATEGORY	DEFINITION
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).
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.

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.
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.

WORD	DEFINITION
Department	The Department of Regional NSW.
Disturbance	See Surface Disturbance.
Disturbance area	<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>
Domain	<p>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.</p>
Ecosystem and Land Use Development	<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>
Ecosystem and Land Use Establishment	<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>
Exploration	Has the same meaning as that term under the State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007.

WORD	DEFINITION
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	<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>
Habitat	Has the same meaning as that term under the <i>Biodiversity Conservation Act 2016</i> and the <i>Fisheries Management Act 1994</i> (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 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 <i>Mining Act 1992</i> .
Landform Establishment	<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>
Large mine	As defined in the Mining Regulation 2016.
Lease holder	The holder of a mining lease.

WORD	DEFINITION
Life of mine	The timeframe of how long a mine is approved to mine, from commencement to closure.
Mine rehabilitation portal	<p>Means the NSW Resources Regulator’s online portal that lease holders must use (via a registered account) to:</p> <ul style="list-style-type: none"> ■ 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. <p>Data submitted to the mine rehabilitation portal is collated in a centralised geodatabase for use by the NSW Resources Regulator to regulate rehabilitation performance of lease holders.</p>
Mining area	As defined in the <i>Mining Act 1992</i> .
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 <i>Mining Act 1992</i> .
Native vegetation	Has the same meaning as that term under section 60B of the <i>Local Land Services Act 2013</i> .
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 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.

WORD	DEFINITION
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: <ul style="list-style-type: none"> ■ active mining ■ decommissioning ■ landform Establishment ■ growth medium development ■ 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 NSW 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</i> 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.

WORD	DEFINITION
Relevant stakeholders	<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"> ■ the relevant development consent authority ■ the local council ■ the relevant landholder(s) ■ community consultative committee (if required under the development consent) or equivalent 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.
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> .

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

Attachment 3 – Plans

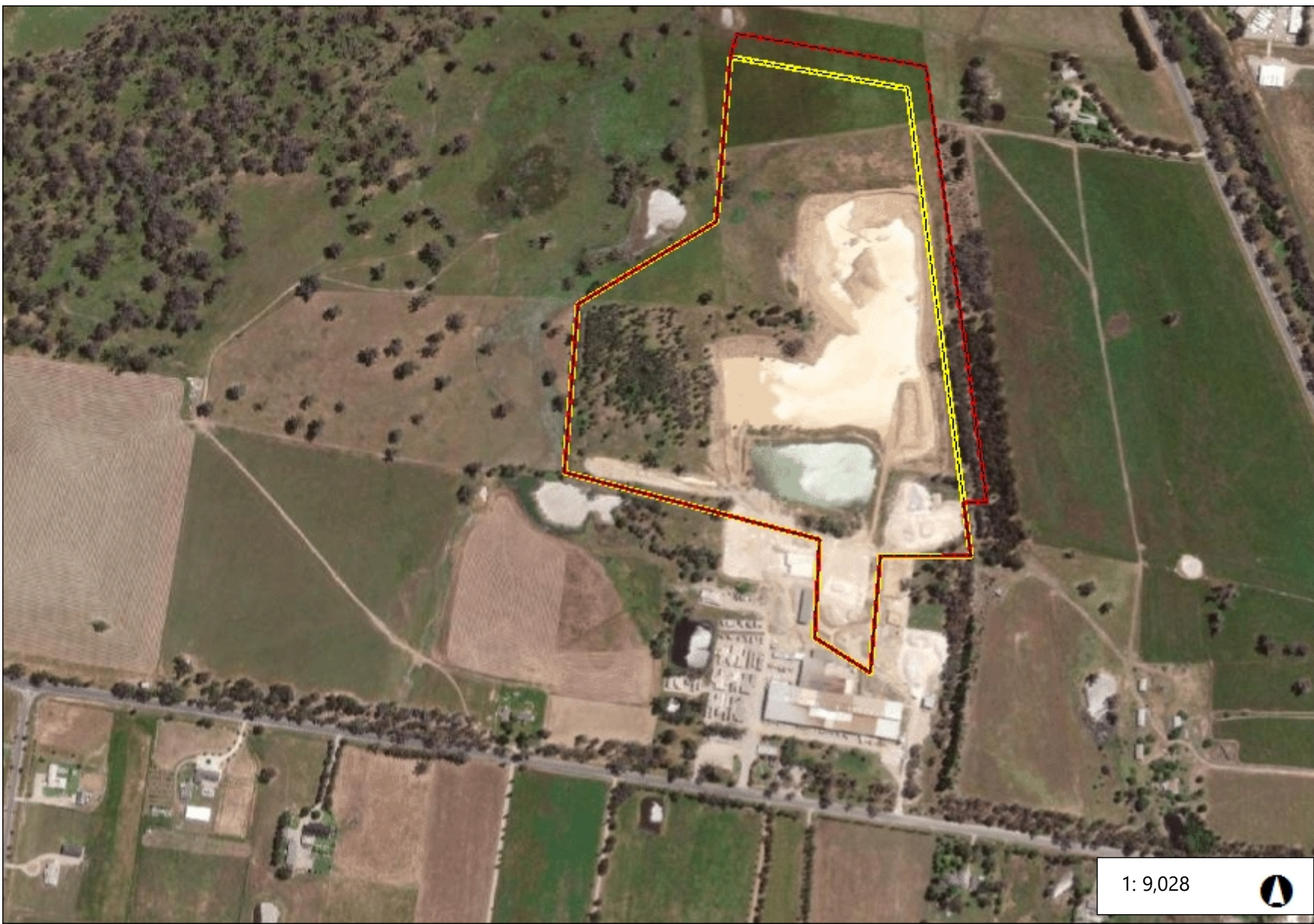
Plan 2C.pdf

Plan 2B.pdf

Plan 2C.pdf

Forward Program (LARGE MINE) v2.1

Jindera Plan 2A 12/04/2024



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

1: 9,028



WGS_1984_Web_Mercator_Auxiliary_Sphere
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Notes
For 2024 FWP0001358

Jindera Plan 2B 12/04/2024



Legend

Forecast Data Year2

- Forecast Disturbance
- Forecast Land Prepared for Rehab
- 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

1: 9,028



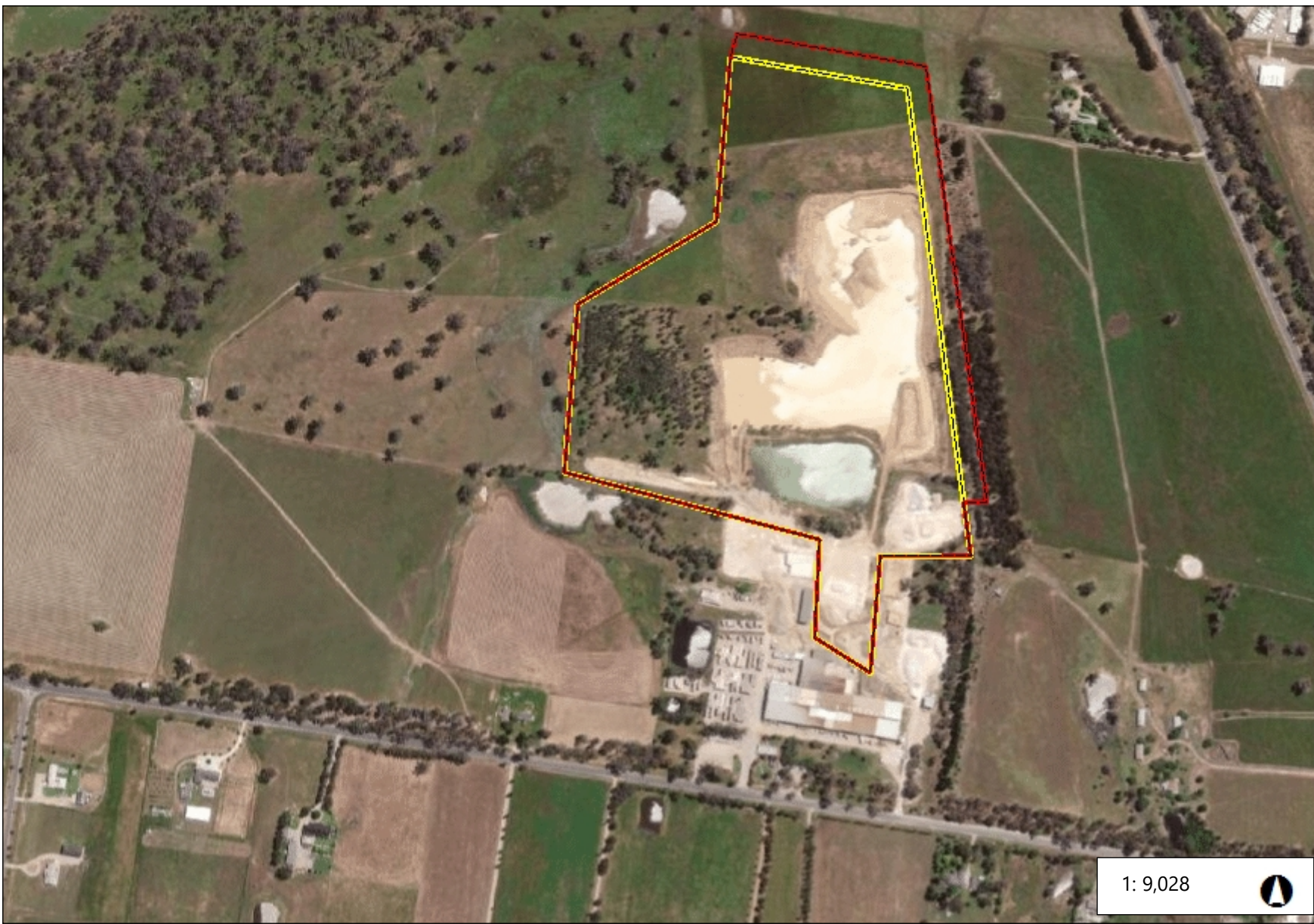
WGS_1984_Web_Mercator_Auxiliary_Sphere
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Notes

For 2024 FWP0001358

Jindera Plan 2C 12/04/2024



- 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

1: 9,028 



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Notes
For 2024 FWP0001358

ESB26: DPI-MR Rehabilitation Cost Calculation Tool

CPI values have been obtained from the Australian Bureau of Statistics

The objective of this "tool" is to provide mine operators with general guidance in calculating an appropriate Rehabilitation Estimate for the wide range of Mining Operations in NSW. It is acknowledged that the calculation of an appropriate Rehabilitation Estimate varies across the wide range of mine types in the State of NSW. With this in mind the intent of this "workbook" approach is to work towards a consistent approach estimating Rehabilitation Costs in NSW.

For this reason this workbook is based on the principle that the most effective basis for unit costs is dependant on the specific rehabilitation approach nominated by the individual mine. Importantly, while the mine has the opportunity to nominate unit rates, they **MUST** be based on **THIRD PARTY** cost as it is assumed that if the mine defaults on their responsibility to rehabilitate the mine site, a contractor will be engaged. Notwithstanding this the mine operator is to ensure that the appropriate consideration of individual site variations and complexities is given.

This workbook is also useful for determining mine closure costings and in this instance site specific unit rates can be used as it is assumed mining company will undertake the mine closure and decommissioning works.

The framework of the workbook has been developed along a tiered approach which establishes the level of detail required based on the scale and type of the mine operation. In order to best address the complexity of different land uses across the site, the mine operation is divided into a series of domains. Each domain represents a unique area of the operating mine and comprises a number of precincts. By selecting the relevant type of mining operation (below), followed by the **ENTER** button, the relevant domain worksheets will be activated. A worksheet must be completed for each domain to calculate the total mine closure costs.

Note: Quarterly changes to the CPI (as announced by the Australian Bureau of Statistics) will be regularly applied and updates made to the spreadsheet as necessary.

Step 1: Type of Mining Operations

- Open Cut Coal Mine
- Underground Coal Mine
- Open Cut AND Underground Coal Mine
- Open Cut Metals Mine
- Underground Metals Mine
- Open Cut AND Underground Metals Mine
- Hard Rock, Alluvial & Other Quarry Operations

Step 2:

NOTE: Following selection of the ENTER button, the relevant worksheets are opened. Each time the workbook is opened, the type of mining operation (Step 1) must first be selected following the ENTER button (Step 2) to re-open active worksheets.

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Site Registration

Complete the following fields prior to calculating the security bond.

Mine Name:	Jindera Clay Mine			
Lease(s)	ML1730			
Mine Owner				
Mine Operator	PGH Bricks & Pavers Pty Ltd			
Expiry of MOP	12/2/2023			
Current Security	\$	154,653.43	Date of last Security Bond review	1/06/2015
Mine Contact	Joe Gauci			
Position	National Raw Materials Manager			
Address	59-67 Cecil Rd, Cecil Park NSW 2178			
Phone	02 9826 3964	e-mail	jgauci@pghbricks.com.au	

Site Description

The following site specific information is requested to provide background information in the context of calculating the security bond.

Summary of Mine Activities

Total annual production (tonnes):

Mine lease area (ha):

Area of extraction (ha):

Area of disturbance (ha):

Rehabilitation in progress (ha):

Rehabilitation complete (ha):

Estimate based on Plan(s):
include version and date

Plan(s) outlining Domain Areas:
include version and date

Plan(s) attached

Environmental Sensitivities

Surrounding land use (tick all that apply):

- Cropping
- Pasture
- Forest
- Undisturbed habitat
- Urban

Environmental Issues affecting site (tick all that apply)

- Threatened flora
- Threatened fauna
- Cultural heritage items
- Natural heritage features
- Mine subsidence
- Surface water pollution
- Ground water pollution
- Hydrocarbon contamination
- Methane drainage/venting
- Spontaneous combustion
- Acid Mine Drainage
- Within drinking water catchment
- Other (describe below)

NOTE:
Ensure rehabilitation cost calculation reflects all environmental issues affecting the lease. Contingencies should be allocated where costs have not been incorporated elsewhere in the estimation.



Summary Rehabilitation Cost Calculation

Note: Sections of this page are automatically filled in from the registration page

Mine Name:

Lease(s):

Mine Owner:

Mine Operator:

Expiry of MOP:

Current Security: Date of Last Security Bond Review:

Mine Contact:

Position:

Address:

Phone: email:

Domain	Security Deposit
Domain 1: Infrastructure Areas	\$20,705.51
Domain 2: Tailings & Rejects Emplacements (if applicable)	
Domain 3: Waste Rock Dumps	\$21,275.83
Domain 4: Active Quarry & Voids	\$112,839.26
Domain 5: Other	
Sub-Total (Domains and Sundry Items)	\$154,820.60
Contingency	\$21,636.36
Third Party Project Management	\$61,542.97
Total Security Deposit for the Mining Project (excl. of GST)	\$237,999.92

Note: GST is not included in the above calculation or as part of rehabilitation security deposits required by the Department

- Alterations have been made to unit prices within this spreadsheet. (Attach a separate sheet providing details of changes)
- The proposed rehabilitation design is generally consistent with the development consent for the project

This Registration Form, Summary Report and calculation pages are to be printed and attached as an appendix the AEMR.

This mine security calculation has been estimated using the best available information at the time. It is a true and accurate reflection of the total rehabilitation liability held by this mine.

Signature Print Name Date:

General Manager

Signature Print Name Date:

Accepted: DRE Reporting Officer

Domain 1: Infrastructure Areas

Detail of person filling out the Worksheet:

Legend:

Name	
Position	
Department	
Date	

	Item fixed no entry required
	Input from site optional (if information available)
	Input mandatory

Management Precinct	Activity / Description	Quantity	Unit	Unit Price	Total Cost	Description / Notes:
Workshops, Rock Crushing & Product Stockpile area(s)	Disconnect and terminate services	1	@	\$12,773.29	\$12,773.29	This item includes disconnecting and terminating all services such as power, water and sewer. It is a "one off" cost
	Disconnect and terminate powerlines		km	\$14,050.62	\$0.00	This item includes the cost to terminate and remove powerlines, and is based on the average cost to construct.
	Demolish and remove small buildings		m ²	\$89.41	\$0.00	Enter the total area of small buildings and offices (include weigh bridge) at the quarry. It should not include demountables which can be removed from site. It does not include workshops.
	Demolish and remove industrial buildings		m ²	\$204.37	\$0.00	Enter the total area of workshop facilities at the quarry
	Demolish / relocate crushers		@	\$12,773.29	\$0.00	This includes the cost to dismantle the crusher and relocate from the site.
	Demolish and remove conveyors & gantries (includes overland conveyors)		m	\$70.25	\$0.00	Enter the sum of the total length of conveyor and gantries. This includes conveyor to rail load out areas.
	Remove Concrete pads and Footings		m ²	\$12.77	\$0.00	Enter the total floor area the quarry workshops and buildings.
	Remove contaminated material from workshop and hardstand areas for disposal in the void AND/OR		m ³	\$2.55	\$0.00	Enter the total volume (ie. area x depth of material) to be scalped off for disposal. UNIT RATE: Depends of the haulage distance to the point where the material is to be disposed.
	Reshaping, capping, sealing of material presenting environmental difficulties (AMD, Hydrocarbon material, etc)		Ha	\$57,479.81	\$0.00	Enter the total area of material requiring capping or sealing. Where assessments have already been made and the presence/absence of contaminated material is known (and quantified) an alternative rate can be used. If this work has not been undertaken a default rate can be used.
	Removal of UG tank (including pipes, bunds, etc). Include all facilities on site.		@	\$95,799.69	\$0.00	A default rate per UGT is to be utilised.
	On site remediation of contaminated soil (<1000m ³)		m ³	\$63.87	\$0.00	Where an assessment of the volume of contaminated soil has been made this volume is to be included. Where the volume is not known or has not been quantified a default volume of 1000m ³ per fuel storage facility is to be used in cell C:22
	On site remediation of contaminated soil (1000-10,000m ³)		m ³	\$51.09	\$0.00	Where an assessment of the volume of contaminated material has been made this volume is to be included. Where the volume is not known or has not been quantified a default volume of 1000m ³ per fuel storage facility is to be used
	On site remediation of contaminated soil (>10,000m ³)		m ³	\$38.32	\$0.00	Where an assessment of the volume of contaminated soil has been made this volume is to be included. Where the volume is not known or has not been quantified a default volume of 1000m ³ per fuel storage facility is to be used
	Final trim, rock rake & deep rip		Ha	\$638.66	\$0.00	This item includes the Rock Crushing and Product stockpile areas and workshop areas
Source, cart and spread topsoil.		m ³	\$1.53	\$0.00	This includes sourcing, carting and spreading of a suitable volume of topsoil to cover the rock crushing and product stockpile areas.	
Spoil amelioration and supply and spread seed and fertiliser.		Ha	\$4,726.12	\$0.00	This item includes the area requiring the addition of ameliorates such as lime or gypsum prior to the application of grass seed and fertiliser	
Precinct Security Deposit					\$12,773.29	
Rail Line and Loop (if applicable)	Remove Rail Loop and spur		m	\$7.66	\$0.00	This item includes the pulling up and removal from site of railway line and sleepers. Calculated as a lineal metre
	Reshape rail spur and loadout area		Ha	\$6,386.65	\$0.00	Enter the total area of the rail line footprint requiring to be covered with fertiliser (and/or lime & gypsum) prior to seeding UNIT RATE: Depends the required rehabilitation commitment (ie. Trees will be more expensive than grass
	Final trim, rock rake & deep rip		Ha	\$638.66	\$0.00	This item includes the area requiring minor reshaping, rock raking and deep ripping (only as required) to enhance revegetation program
	Spoil amelioration and supply and spread pasture seed and fertiliser.		Ha	\$4,726.12	\$0.00	This item includes the area requiring the addition of ameliorates such as lime or gypsum prior to the application of grass seed and fertiliser UNIT RATE: Depends the required rehabilitation commitment (ie. Trees will be more expensive than grass
Precinct Security Deposit					\$0.00	
Admin Buildings	Disconnect and terminate services	0	@	\$0.00	\$0.00	This item includes disconnecting and terminating all services such as power, water and sewer. It is a "one off" cost
	Demolish and remove small buildings		m ²	\$89.41	\$0.00	Enter the total area of small buildings and offices in the admin area. It should not include demountables which can be removed from site. It does not include workshops.
	Demolish and remove industrial buildings		m ²	\$204.37	\$0.00	Enter the total area of workshop facilities in the admin area.
	Remove Concrete pads, Footings and bitumen (carpark)		m ²	\$12.77	\$0.00	Enter the total area the workshops and buildings. Include the area of any bitumen carparks (or similar)
	Final trim, rock rake & deep rip		Ha	\$638.66	\$0.00	This item includes the area requiring minor reshaping, rock raking and deep ripping (only as required) to enhance revegetation program
	Source, cart and spread topsoil.		m ³	\$1.53	\$0.00	This includes sourcing, carting and spreading of a suitable volume of topsoil to cover the admin area and carparks.
Spoil amelioration and supply and spread pasture seed and fertiliser.		Ha	\$4,726.12	\$0.00	Enter the total area of the admin, etc footprint requiring to be covered with fertiliser (and/or lime & gypsum) prior to seeding UNIT RATE: Depends the required rehabilitation commitment (ie. Trees will be more expensive than grass	
Precinct Security Deposit					\$0.00	
Access & Haul Roads	Reshape deep rip and ameliorate sealed unsealed roads	0.3	Ha	\$6,386.65	\$1,915.99	Enter the total area of the road footprint requiring reshaping and deep ripping.
	Source, cart and spread topsoil.	3000	m ³	\$1.53	\$4,598.39	This includes sourcing, carting and spreading of a suitable volume of topsoil to cover the roads
	Spoil amelioration and supply and spread seed and fertiliser.	0.3	Ha	\$4,726.12	\$1,417.84	This item includes the area requiring the addition of ameliorates such as lime or gypsum prior to the application of grass seed and fertiliser
Precinct Security Deposit					\$7,932.21	
Sewerage / Water Treatment Plant	Disconnect and terminate services	0	@	\$3,193.32	\$0.00	This item includes disconnecting and terminating all services such as power, water and sewer. It is a "one off" cost
	Demolish and remove small buildings / tanks		m ²	\$89.41	\$0.00	Enter the total area of small buildings and tanks.
	Remove contaminated material from areas for disposal (ie. chemical spillage in / around storage sheds).		m ³	\$2.55	\$0.00	Enter the total volume (ie. area x depth of material) to be scalped off for disposal. UNIT RATE: Depends on the haulage distance to the point where the material is to be disposed.
	Final trim, rock rake & deep rip		Ha	\$638.66	\$0.00	This item includes the area requiring minor reshaping, rock raking and deep ripping (only as required) to enhance revegetation program
	Source, cart and spread topsoil.		m ³	\$1.53	\$0.00	This includes sourcing, carting and spreading of a suitable volume of topsoil to cover the sewerage and water treatment areas.
	Spoil amelioration and supply and spread seed and fertiliser.		Ha	\$4,726.12	\$0.00	This item includes the area requiring the addition of ameliorates such as lime or gypsum prior to the application of grass seed and fertiliser

Precinct Security Deposit					\$0.00	
Hardstand /Laydown Areas	Remove contaminated material from areas for disposal (ie. chemical/hydrocarbon spillage in the hard stand area).		m ³	\$2.55	\$0.00	Enter the total volume (ie. area x depth of material) to be scalped off for disposal. UNIT RATE: Depends of the haulage distance to the point where the material is to be disposed.
	Final trim, rock rake & deep rip		Ha	\$638.66	\$0.00	This item includes the area requiring minor reshaping, rock raking and deep ripping (only as required) to enhance revegetation program
	Source, cart and spread topsoil.		m ³	\$1.53	\$0.00	This includes sourcing, carting and spreading of a suitable volume of topsoil to cover the hardstand laydown areas
	Spoil amelioration and supply and spread seed and fertiliser.		Ha	\$4,726.12	\$0.00	This item includes the area requiring the addition of ameliorates such as lime or gypsum prior to the application of grass seed and fertiliser
Precinct Security Deposit					\$0.00	
Other	Other 1 <insert>				\$0.00	This item includes <<to be added by the operator>>
	Other 2 <insert>				\$0.00	This item includes <<to be added by the operator>>
	Other 3 <insert>				\$0.00	This item includes <<to be added by the operator>>
Precinct Security Deposit					\$0.00	

Total Security Deposit for the "Domain" \$20,705.51

Domain 2: Tailings & Rejects Emplacements (if applicable)

Detail of person filling out the Worksheet:

Name	
Position	
Department	
Date	

Legend:

	Item fixed no entry required
	Input from site optional (if information available)
	Input mandatory

Tailings Dam / Impoundment (Key Information):

Materials Stored (ie. coal fines, coarse or co-disposed)
 Volume Stored (m3)
 Maximum Embankment Height (m)
 Maximum Embankment Length (m)
 Year Dam / Emplacement Commissioned
 Storage area (ha)
 Catchment Area of Tailings Dam / Emplacement (ha)
 Briefly describe embankment construction.
 (earthen, clay /rejects core, etc)

Management Precinct	Activity / Description	Quantity	Unit	Unit Price	Total Cost	Description / Notes:
Tailings Dams / Emplacements	Source, cart and spread suitable material to cap the tailings emplacement (cap thickness determined by MOP)		m ³	\$2.55	\$0.00	This includes sourcing, carting and spreading of a suitable volume material to cap the tailings emplacement. The material must have appropriate chemical & physical properties.
	Apply engineered treatment as required (i.e. capping, capillary breaks, etc) - design in accordance with the MOP commitments.		Ha	\$57,479.81	\$0.00	This includes the area that requires engineering treatment is required to satisfy conditions of the MOP. This may include compaction or addition of multiple layers and / or capillary breaks.
	Reshape walls / buttress around the dam / emplacement - earthworks only		Ha	\$6,386.65	\$0.00	This includes the area that requires stabilisation and reshaping works around the walls of the emplacement (i.e. removal of fills and pipes that may present long term stability issues)
	Final trim, rock rake & deep rip		Ha	\$638.66	\$0.00	This item includes the area requiring minor reshaping, rock raking and deep ripping (only as required) to enhance revegetation program
	Structural works, banks waterways		Ha	\$1,788.26	\$0.00	This item includes the area requiring earthworks (banks, & drains, etc) to manage all surface water on the top of the emplacement to ensure that it is shed off the cap.
	Source, cart and spread topsoil.		m ³	\$1.53	\$0.00	This includes sourcing, carting and spreading of a suitable volume of topsoil to cover the tailings dam / emplacement
	Spoil amelioration and supply and spread seed and fertiliser.		Ha	\$4,726.12	\$0.00	This item includes the area requiring the addition of ameliorates such as lime or gypsum prior to the application of grass seed and fertiliser
	Maintenance of rehabilitated areas (up to 5 years)		Ha	\$830.26	\$0.00	This item includes the total area of rehabilitation that has been established and requires subsequent fertiliser application. It assumes application twice on the first five (5) years after establishment
Precinct Security Deposit					\$0.00	
Other	Other 1 <insert>				\$0.00	This item includes <<to be added by the operator>>
	Other 2 <insert>				\$0.00	This item includes <<to be added by the operator>>
	Other 3 <insert>				\$0.00	This item includes <<to be added by the operator>>
Precinct Security Deposit					\$0.00	

Total Security Deposit for the "Domain" \$0.00

Domain 3: Waste Rock Dumps

Detail of person filling out the Worksheet:

Legend:

Name	
Position	
Department	
Date	

	Item fixed no entry required
	Input from site optional (if information available)
	Input mandatory

Management Precinct	Activity / Description	Quantity	Unit	Unit Price	Total Cost	Description / Notes:
Successful Rehabilitation	Maintenance of Established Revegetated Area	0.76	Ha	\$830.26	\$631.00	This item includes the total area of rehabilitation that have been established and require subsequent fertiliser application. It assumes application twice on the first five (5) years after establishment
	Maintenance of Shaped Topsoiled and Seeded		Ha	\$830.26	\$0.00	This item includes the total area of that have been shaped, topsoiled and seeded and requires subsequent fertiliser application. It assumes application twice on the first five (5) years after establishment
Precinct Security Deposit					\$631.00	
Shaped Waste Rock Dumps	Final trim, rock rake & deep rip	1.05	Ha	\$638.66	\$670.60	This item includes the area requiring minor reshaping, rock raking and deep ripping to enhance revegetation program.
	Structural works, banks, rock lined waterways	1.05	Ha	\$1,788.26	\$1,877.67	This item includes the area requiring earthworks (banks, & drains, etc) to manage all surface water on the top of the emplacement to ensure that it is shed off the dump.
	Source, cart and spread topsoil.	8000	m ³	\$1.53	\$12,262.36	This includes sourcing, carting and spreading of a suitable volume of topsoil to cover the shaped overburden dumps
	Spoil amelioration and supply and spread seed and fertiliser.	1.05	Ha	\$4,726.12	\$4,962.42	This item includes the area requiring the addition of ameliorates such as lime or gypsum prior to the application of grass seed and fertiliser
	Maintenance of rehabilitated areas (up to 5 years)	1.05	Ha	\$830.26	\$871.78	This item includes the total area of that have been shaped, topsoiled and seeded and requires subsequent fertiliser application. It assumes application twice on the first five (5) years after establishment
Precinct Security Deposit					\$20,644.83	
Unshaped Waste Rock Dumps (minor reshaping required)	Minor pushing, final trim, rock rake & deep rip		Ha	\$638.66	\$0.00	This item includes the area requiring minor reshaping, rock raking and deep ripping to enhance revegetation program.
	Structural works, banks, rock lined waterways		Ha	\$1,788.26	\$0.00	This item includes the area requiring earthworks (banks, & drains, etc) to manage all surface water on the top of the emplacement to ensure that it is shed off the dump.
	Source, cart and spread topsoil.		m ³	\$1.53	\$0.00	This includes sourcing, carting and spreading of a suitable volume of topsoil to cover the tailings dam / emplacement
	Spoil amelioration and supply and spread seed and fertiliser.		Ha	\$4,726.12	\$0.00	This item includes the area requiring the addition of ameliorates such as lime or gypsum prior to the application of grass seed and fertiliser
	Maintenance of rehabilitated areas (up to 5 years)		Ha	\$830.26	\$0.00	This item includes the total area of that have been shaped, topsoiled and seeded and requires subsequent fertiliser application. It assumes application twice on the first five (5) years after establishment
Precinct Security Deposit					\$0.00	
Unshaped Waste Rock Dumps (major earthworks required)	Major bulk pushing to achieve grades nominated in the MOP (i.e < 18')		m ³	\$1.41	\$0.00	This item includes the volume requiring major reshaping, rock raking and deep ripping (only as required) to enhance revegetation program
	Minor pushing, final trim, rock rake & deep rip		Ha	\$638.66	\$0.00	This item includes the area requiring minor reshaping, rock raking and deep ripping to enhance revegetation program.
	Structural works, banks, rock lined waterways		Ha	\$1,788.26	\$0.00	This item includes the area requiring earthworks (banks, & drains, etc) to manage all surface water on the top of the dump to ensure that the water is shed off.
	Source, cart and spread topsoil.		m ³	\$1.53	\$0.00	This includes sourcing, carting and spreading of a suitable volume of topsoil to cover the tailings dam / emplacement
	Spoil amelioration and supply and spread seed and fertiliser.		Ha	\$4,726.12	\$0.00	This item includes the area requiring the addition of ameliorates such as lime or gypsum prior to the application of grass seed and fertiliser
	Maintenance of rehabilitated areas (up to 5 years)		Ha	\$830.26	\$0.00	This item includes the total area of that have been shaped, topsoiled and seeded and requires subsequent fertiliser application. It assumes application twice in the first five (5) years after establishment
Precinct Security Deposit					\$0.00	
Other	Other 1 <insert>				\$0.00	This item includes <to be added by the operator>
	Other 2 <insert>				\$0.00	This item includes <to be added by the operator>
	Other 3 <insert>				\$0.00	This item includes <to be added by the operator>
Precinct Security Deposit					\$0.00	

Total Security Deposit for the "Domain" \$21,275.83

Domain 4: Active Quarry & Voids

Detail of person filling out the Worksheet:

Legend:

Name	
Position	
Department	
Date	

	Item fixed no entry required
	Input from site optional (if information available)
	Input mandatory

Management Precinct	Activity / Description	Quantity	Unit	Unit Price	Total Cost	Description / Notes:
Active Pit (including the voids and any internal benches or mine strips)	Major bulk pushing of the low wall are to achieve grades nominated in the MOP (i.e < 18°)		m ³	\$1.41	\$0.00	This item includes the volume requiring major reshaping, rock raking and deep ripping (only as required) to enhance revegetation program UNIT RATE: dozer push rate
	Active pit area - benches blasted and doze to < 18°		m ³	\$1.41	\$0.00	This item includes the total area of rehabilitation that have been established and require subsequent fertiliser application. It assumes application twice on the first five (5) years after establishment. UNIT RATE: drill & blast + dozer push
	Final trim, rock rake & deep rip	4.7	Ha	\$638.66	\$3,001.72	This item includes the area requiring minor reshaping, rock raking and deep ripping to enhance revegetation program.
	Structural works, banks waterways	0	Ha	\$1,788.26	\$0.00	This item includes the area requiring earthworks (banks, & drains, etc) to manage all surface water on the top of the emplacement to ensure that it is shed off the reshaped areas
	Source, cart and spread topsoil.	4700	m ³	\$2.55	\$12,006.89	This includes sourcing, carting and spreading of a suitable volume of topsoil to cover the tailings dam / emplacement
	Spoil amelioration and supply and spread / tree pasture seed and fertiliser.	4.7	Ha	\$4,726.12	\$22,212.75	This item includes the area requiring the addition of ameliorates such as lime or gypsum prior to the application of grass seed and fertiliser
Precinct Security Deposit					\$37,221.37	
Ramps	Major bulk pushing of the low wall are to achieve grades nominated in the MOP (i.e < 18°)		m ³	\$1.41	\$0.00	This item includes the volume requiring major reshaping.
	Final trim, rock rake & deep rip		Ha	\$638.66	\$0.00	This item includes the area requiring minor reshaping, rock raking and deep ripping to enhance revegetation program.
	Structural works, banks waterways		Ha	\$1,788.26	\$0.00	This item includes the area requiring earthworks (banks, & drains, etc) to manage all surface water on the top of the emplacement to ensure that it is shed off the reshaped areas
	Source, cart and spread topsoil.		m ³	\$2.55	\$0.00	This includes sourcing, carting and spreading of a suitable volume of topsoil to cover the reshaped ramps
	Spoil amelioration and supply and spread pasture / tree seed and fertiliser.		Ha	\$4,726.12	\$0.00	This item includes the area requiring the addition of ameliorates such as lime or gypsum prior to the application of grass seed and fertiliser
Precinct Security Deposit					\$0.00	
Highwall treatment	Drill & Blast Highwall OR		m ³	\$0.89	\$0.00	This item includes the total area of rehabilitation that have been established and require subsequent fertiliser application. It assumes application twice on the first five (5) years after establishment. UNIT RATE: drill & blast + dozer push
	Major bulk pushing of the high wall are to achieve grades nominated in the MOP (i.e < 18°)		m ³	\$1.41	\$0.00	This item includes the volume requiring major reshaping, rock raking and deep ripping (only as required) to enhance revegetation program UNIT RATE: dozer push rate
	Final trim, rock rake & deep rip		Ha	\$638.66	\$0.00	This item includes the area requiring minor reshaping, rock raking and deep ripping to enhance revegetation program.
	Source, cart and spread topsoil (at 20cm)		m ³	\$1.53	\$0.00	This includes sourcing, carting and spreading of a suitable volume of topsoil to cover the reshaped area .
	Spoil amelioration and supply and spread pasture seed and fertiliser.		Ha	\$4,726.12	\$0.00	This item includes the area requiring the addition of ameliorates such as lime or gypsum prior to the application of grass seed and fertiliser
	Security Fence around steep section highwall		m	\$63.87	\$0.00	This item includes the erection of a 2m security fence (inéal metre) around the void and other dangerous areas.
	High wall treatment - (trench + safety berm)		m	\$73.45	\$0.00	This item includes the construction of a safety berm and fill (inéal metre) around the highwall to stop all vehicles, act accidentally driving over haul road (engineered control).
Precinct Security Deposit					\$0.00	
Disturbance ahead of Mining + water management structures	Areas cleared ahead of mining - re-establish vegetation commensurate with surround vegetation		Ha	\$2,682.39	\$0.00	This includes the direct application of seed to restore the vegetation that was disturbed as part of clearing operations ahead of the mine.
	Areas topsoil stripped ahead of mining - source cart and respread topsoil		m ³	\$2.55	\$0.00	This includes sourcing, carting and spreading of a suitable volume of topsoil to cover the that have been disturbed
	Reshape, deep rip, ameliorate and seed highwall / internal access roads and tracks		Ha	\$6,386.65	\$0.00	This item includes the area requiring the addition of ameliorates such as lime or gypsum prior to the application of grass / tree seed and fertiliser
	Reshape, deep rip, ameliorate and seed exploration lines / areas		Ha	\$4,726.12	\$0.00	This item includes the area requiring the addition of ameliorates such as lime or gypsum prior to the application of grass / tree seed and fertiliser
	Clean water dams to be retained after mine closure -make safe and minor earthworks.		@	\$2,554.66	\$0.00	This item includes making the dam spillway, and walls stable and ensuring the integrity of the dam wall, etc.
	Dirty Water Dams (Drain and remove sediments to make dam water clean)	18500	m ³	\$4.09	\$75,617.89	This item includes draining the dam and removing 500mm of potentially contaminated (saline) sediments to be buried in the pit. UNIT RATE: must consider the distance from the dam to the disposal area.
Precinct Security Deposit					\$75,617.89	
River & Creek Diversions	Creek diversion - Channel maintenance through spoil / backfill (20% of estimated diversion construction costs due to unknown in landform stability)		m	\$383.20	\$0.00	This item includes the length (m) requiring ongoing maintenance of diversions constructed through unconsolidated overburden. This will include earthworks repairs and stabilisation following flow events. It assumes a suitably qualified engineer has designed and signed off on construction of the diversion.
	Creek diversion - Channel maintenance insitu (10% of estimated construction cost for diversion)		m	\$191.60	\$0.00	This item includes the length (m) requiring ongoing maintenance of diversions constructed through unnatural ground. This will include earthworks repairs and stabilisation following flow events. It assumes a suitably qualified engineer has designed and signed off on construction of the diversion.
	Creek diversion - Vegetation maintenance		m ²	\$0.38	\$0.00	This item includes the ongoing maintenance of vegetation within the diversion channel & batters.
Precinct Security Deposit					\$0.00	
Other	Other 1 <insert>				\$0.00	This item includes <to be added by the operator>>
	Other 2 <insert>				\$0.00	This item includes <to be added by the operator>>
	Other 3 <insert>				\$0.00	This item includes <to be added by the operator>>
Precinct Security Deposit					\$0.00	

Total Security Deposit for the "Domain" \$112,839.26

Domain 5: Other

Detail of person filling out the Worksheet:

Legend:

Name	
Position	
Department	
Date	

	Item fixed no entry required
	Input from site optional (if information available)
	Input mandatory

Management Precinct	Activity / Description	Quantity	Unit	Unit Price	Total Cost	Description / Notes:
Other (eg. site contamination, closure plan preparation, etc)	The restoration and care and maintenance of items that have historical significance and are to be retained after the cessation of mining		@	\$25,546.58	\$0.00	This item includes ensuring that sufficient resources are made available to restore items of heritage significance and also provide money to enable the ongoing care and maintenance of the structure (if not the responsibility of any another stakeholder i.e. council, historical society)
	Cap exploration holes		@	\$319.33	\$0.00	This includes capping & rehabilitation of all old Cap exploration holes around the site
	Construction / Deconstruction of Bridges and crossings		@	\$0.00	\$0.00	Value to be provided by company
	Construction of Fencing - general		@	\$63.87	\$0.00	Includes general fencing around site or site works
	Other 5 <insert>				\$0.00	This item includes <<to be added by the operator>>
	Other 6 <insert>				\$0.00	This item includes <<to be added by the operator>>
	Other 7 <insert>				\$0.00	This item includes <<to be added by the operator>>
	Other 8 <insert>				\$0.00	This item includes <<to be added by the operator>>
	Other 9 <insert>				\$0.00	This item includes <<to be added by the operator>>
	Other 10 <insert>				\$0.00	This item includes <<to be added by the operator>>
Precinct Security Deposit					\$0.00	

Total Security Deposit for the "Domain" \$0.00

Third Party Project Management & Contingencies

Detail of person filling out the Worksheet:

Name	
Position	
Department	
Date	

Legend:

	Item fixed no entry required
	Input from site optional (if information available)
	Input mandatory

Item	Activity / Description	Quantity	Unit	Cost	Total Cost	Description / Notes:
				Sub-Total (Domains)	\$154,820.60	
Third Party Project Management	Mobilisation & Demobilisation (third party contractor rates apply).	1	@	\$0.00	\$0.00	Cost would have to be determined (justified) on the basis of the equipment required and the distance of the mine from the likely contractor to be used.
	DRE Tender Preparation and Assessment	1	@	\$6,386.65	\$6,386.65	Values provided in this cell are provided as a minimum, and should be assessed based on the size of the site, and works required.
	Development of Unplanned Closure Plan	1	@	\$31,933.23	\$31,933.23	Values provided in this cell are provided as a minimum, and should be assessed based on the size of the site, and works required.
	Post closure environmental monitoring	5%	%	\$7,741.03	\$7,741.03	% of the subtotal for all domains
	Project Management & Surveying	10%	%	\$15,482.06	\$15,482.06	% of the subtotal for all domains
	Indexation		@		\$0.00	
	Other <insert>		@		\$0.00	
	Other <insert>		@		\$0.00	
				Sub-Total (Sundry Items)	\$61,542.97	
				Sub-Total (Domain and Sundry Items)	\$216,363.57	
Contingency	Contingency	10%	%	\$21,636.36	\$21,636.36	
				Precinct Security Deposit	\$237,999.92	exclusive of GST

Sub-Total Rehabilitation Estimate for "Domains"	\$154,820.60
Total Rehabilitation Estimate for "Sundry Items"	\$61,542.97
Contingency (based on Sundry and Domains)	\$21,636.36



Justification for Change of Rates in Resources & Energy Rehabilitation Cost Calculation Tool

Domain	Activity	DRE unit/rate	Adopted Rates	Justification

In completing the R&E Rehabilitation Cost Calculation, we are seeking an adjustment to the rates currently utilised in the R&E Rehabilitation Cost Calculation Tool. A justification for the rate change by a third party has been included and I confirm that only the rates identified in the above table have been altered in the Rehabilitation Cost Calculation Tool.

General Manager

Signature

Date

DRE Reporting Officer

Signature

Date