



**Resources  
Regulator**

**FWP0001942**

# **WALLERAWANG QUARRY FORWARD PROGRAM**

**Wednesday 15 July 2026 to Saturday 14 July 2029**

## Summary

| Detail                                                                                                                                                                             |                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Mine                                                                                                                                                                               | Wallerawang Quarry                                                                                                      |
| Reference                                                                                                                                                                          | FWP0001942                                                                                                              |
| Forward program commencement date                                                                                                                                                  | Wednesday 15 July 2026                                                                                                  |
| Forward program end date                                                                                                                                                           | Saturday 14 July 2029                                                                                                   |
| Forward program revision (if applicable)                                                                                                                                           |                                                                                                                         |
| Contact                                                                                                                                                                            | Alex Irwin                                                                                                              |
| Mining leases                                                                                                                                                                      | ML 1633 (1992), ML 1864 (1992), ML 1865 (1992)                                                                          |
| Project location                                                                                                                                                                   | Walker Quarries Pty Ltd                                                                                                 |
| Date of submission                                                                                                                                                                 | Monday 14 September 2026                                                                                                |
| Document URL                                                                                                                                                                       | <a href="https://walkerquarries.com.au/statutory-information/">https://walkerquarries.com.au/statutory-information/</a> |
| <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> |                                                                                                                         |

### 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

Wallerawang Quarry is a quartzite mine located in Lithgow City LGA, adjacent to the Great Western Highway, 2.5km from Wallerawang township. DA-344-11-2001 approves mining from an open cut of approximately 13ha to a depth of 901 mAHD (until the maximum groundwater level is confirmed to the satisfaction of DPE Water when mining may continue to within 1 m of the maximum groundwater level). Production of up to 500,000t of quarry products is approved until July 2040. Extraction of the quartzite is undertaken using conventional drill and blast, load and haul methods with vegetation cleared and soil stripped in advance for future reapplication to final landforms. Non-quartzite materials are also extracted and either sold as a select fill or disposed of on-site to extend stockpile areas. The quartzite is crushed and screened in-pit with a wash plant also operated to produce sand. Products are dispatched from the Quarry by road via an intersection with the Great Western Highway.

### Description of surface disturbance activities

#### Exploration activities

Sampling and analysis of quartzite and other geological material may be undertaken from time to time to review geochemical and geotechnical properties as part of normal mining activities.

#### Construction activities

Construction of fixed crushing plant may be commenced in year 3 of the Forward Program. Other activities may include: - Realignment

of haul roads to improve access into and out of the extraction area. - Routine maintenance and upgrades to other site infrastructure will be undertaken as required.

### Mining schedule

Mining development method and sequencing and general mine features.

The open cut will continue to be developed by drill and blast methods. The proposed schedule of mining is as follows. Year 1 (to 30 June 2027) - Northerly extension of the 960m AHD bench within current disturbance footprint. - Clearing of vegetation and stripping of soil and overburden to the eastern and southeastern perimeter of the approve extraction area (north and south of the Eastern Stockpile Area). Year 2 (to 30 June 2028) - Clearing of vegetation and stripping of soil and overburden to the limit of revised Disturbance Stage A1 (which extends to the 935m AHD contour). - Mining of the easterly extension of the open cut to the 960m RL. - Completion of mining on the 960m RL bench and commencement of ming to the 950m RL bench (following relocation of mobile crushing equipment to the northern end of the pit). Year 3 (to 30 June 2029) - Clearing of vegetation and stripping of soil and overburden to the limit of revised Disturbance Stage A2 (which extends to the 925m AHD contour). - Continued mining on the 950m RL bench (following relocation of mobile crushing equipment to the northern end of the pit). - mining to extend the pit to the perimeter of the 925 mAHD contour.

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

No emplacements are maintained at the Mine. The requirement to construct the Southern Stockpile and/or Western Stockpile Extension Areas to allow for the construction of fixed crushing plant infrastructure will be reviewed and the Forward Program updated as required.

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

Crushing and screening will continue on the 960 mAHD bench level (or lower) within the open cut for the term of the Forward Program. Wet processing will continue in its current location (Beneficiation Facility). Dewatered filter cake (approximately 10 % of raw feed) will

continue to be temporarily stockpiled on the Main Stockpile Area prior to sale (or re-use on the Mine Site as a rehabilitation material – growth medium).

Waste disposal and materials handling operations.

The Quarry does not produce waste rock. All material extracted from the open cut is either processed and sold as quartzite aggregate or sand, or dispatched directly as fill. No disposal on the Mine Site is planned. Non-production waste generated over the term of Forward Program will be collected and removed as follows: • General (including putrescible) waste will be placed in skip bins and collected by a licensed contractor. • Hydrocarbon waste will be collected in bunded tanks and periodically removed by a licensed contractor. • Recyclables will be placed in designated skip bins or collection areas for periodic removal. • Tyres will be re-used for construction of retaining walls, erosion protection, traffic control or removed by a licensed contractor.

### Key production milestones

| MATERIAL                                   | UNIT              | YEAR 1 | YEAR 2 | YEAR 3 |
|--------------------------------------------|-------------------|--------|--------|--------|
| <b>Stripped topsoil</b><br>(if applicable) | (m <sup>3</sup> ) | 2,000  | 3,900  | 2,500  |
| <b>Rock/overburden</b>                     | (m <sup>3</sup> ) | 12,000 | 25,000 | 16,000 |
| <b>Ore</b>                                 | (Mt)              | 0.4    | 0.45   | 0.5    |
| <b>Reject material<sup>1</sup></b>         | (Mt)              | 0      | 0      | 0.01   |

|         |      |      |      |      |
|---------|------|------|------|------|
| Product | (Mt) | 0.38 | 0.43 | 0.46 |
|---------|------|------|------|------|

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

## Three-year rehabilitation forecast

### Rehabilitation planning schedule

#### Rehabilitation planning schedule

Rehabilitation over the term of the forward program will focus on maintenance of internal batters, berms, bunds and water storages which have been established since quarry operations commenced in 2014. Over the term of the Forward Program, Walker Quarries will continue to seek opportunities to decommission and rehabilitated redundant roadways.

#### Stakeholder consultation

Community stakeholders (including Council representatives) will be consulted through the Community Consultative Committee. Walker Quarries will provide information of the status of mining, processing and any rehabilitation (maintenance) and invite feedback. Walker Quarries will consult with the Department of Planning, Housing and Infrastructure, DCCEE, FCNSW, BCD, WaterNSW and Council as part of a proposed review and update to the Rehabilitation Management Plan following approval of Modification 4.

#### Rehabilitation studies, risk assessments and/or design work

Walker Quarries will, in consultation with the University of Western Sydney and other rehabilitation specialists, aim to prepare and commence trials of filter cake / soil mixes as a rehabilitation growth media.

## Rehabilitation research and trials

| RRT NUMBER | PROJECT/TRIAL NAME                                    | OBJECTIVE OF TRIAL/PROJECT                                                                                                                                                                | METHODOLOGY                                                                                                                                                                                                                                                                                            | EXPECTED DATE OF COMPLETION | STATUS  |
|------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|
| RRT0001182 | <b>Wash Plant Filter Cake Growth Media Supplement</b> | Identify the potential nutrient or other value which wash plant filter cake could provide to stripped topsoils and assess impact on seed generation and growth on rehabilitated surfaces. | 1. Sample and analyse the geochemical and geotechnical properties of the filter cake - complete 2. Establish plots containing filter cake, and filter cake + stripped topsoil at different ratios for seeding and revegetation. 3. Seed with pasture and native seed mix and assess success over time. | 11 Jul 2030                 | Ongoing |

### Rehabilitation maintenance and corrective actions

The Western Stockpile Area batter slopes and northern visual amenity bund were profiled, covered with soil and reseeded in 2018. Other rehabilitation completed at the Quarry prior to 2018 includes outer walls of site water storages, haul ramp batters and slopes between stockpile areas. These areas are considered as progressing towards achievement of rehabilitation objectives and will be regularly inspected and subject to weed control. Re-seeding, watering or other maintenance and corrective actions may be undertaken if required.

### Rehabilitation schedule

No rehabilitation is proposed for the term of the Forward Program as all disturbed areas, not currently being rehabilitated, will be available.

### Completion of rehabilitation

None

### Subsidence remediation for underground operations

The Quarry is an open-cut mine, and therefore there is no subsidence or underground operations.

## Progressive mining and rehabilitation statistics

### Three-yearly forecast cumulative disturbance and rehabilitation progression

| Forecast |                                                           | UNIT | YEAR 1 | YEAR 2 | YEAR 3 |
|----------|-----------------------------------------------------------|------|--------|--------|--------|
| A1       | Total disturbance footprint - surface disturbance         | (ha) | 21.05  | 22.43  | 23.33  |
| B        | Total active disturbance                                  | (ha) | 17.74  | 19.12  | 20.02  |
| 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) | 0.69   | 1.38   | 0.9    |
| 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                  | <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                  | <b>Total active disturbance</b>                          | <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>                                                                                                                                               |
| C                  | <b>Rehabilitation - land preparation</b>                 | <p>Includes the sum of all disturbed land within a mining lease that have commenced</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

| REPORTING CATEGORY |                                      | DEFINITION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    |                                      | <p>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>                                                                                                                                                                                                                                                                                                                                                                                                                        |
| D                  | Ecosystem and land use establishment | <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> |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

| WORD                                           | DEFINITION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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).                                                                                                                                                                                                                                                                                                                                                                               |
| <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> |

| WORD                                        | DEFINITION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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 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,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

| WORD                                          | DEFINITION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                               | Petroleum Production and Extractive Industries) 2007.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Final landform and rehabilitation plan</b> | As defined in the Mining Regulation 2016.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <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                                                                                                                                                                                                                                                        |

| WORD                              | DEFINITION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                   | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <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> | Means the Resources Regulator's online portal that lease holders must use (via a registered account) to:                                                                                                                                                                                                                                                                                                                                                                                            |

| WORD                         | DEFINITION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                              | <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 the Resources Regulator to regulate rehabilitation performance of lease holders.</p> |
| <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                                                                                                                                                                                                                                                                                                                                                                |

| 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.                                                                                                                                                                                                                        |
| <b>Phases of rehabilitation</b>   | <p>The stages and sequences of actions required to rehabilitate disturbed land to achieve the final land use. The phases of rehabilitation are:</p> <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                                                                                                                                             |

| WORD                                      | DEFINITION                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                           | rehabilitation obligations have been fulfilled following submission of <i>Form ESF2 Rehabilitation completion and/or review of rehabilitation cost estimate application</i> by the lease holder.                                                                                                                                                                                                                                |
| <b>Rehabilitation Completion criteria</b> | As defined in the Mining Regulation 2016.                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Rehabilitation cost estimate</b>       | As defined in the Mining Regulation 2016.                                                                                                                                                                                                                                                                                                                                                                                       |
| <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</li> </ul> |

| WORD                       | DEFINITION                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | <p>consultative group</p> <ul style="list-style-type: none"><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 a mining lease.</li></ul> |
| <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.                                                                                                                                                                                                                                                                                                                      |

| WORD            | DEFINITION                                                                                                                                                                        |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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> .                                                                            |

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

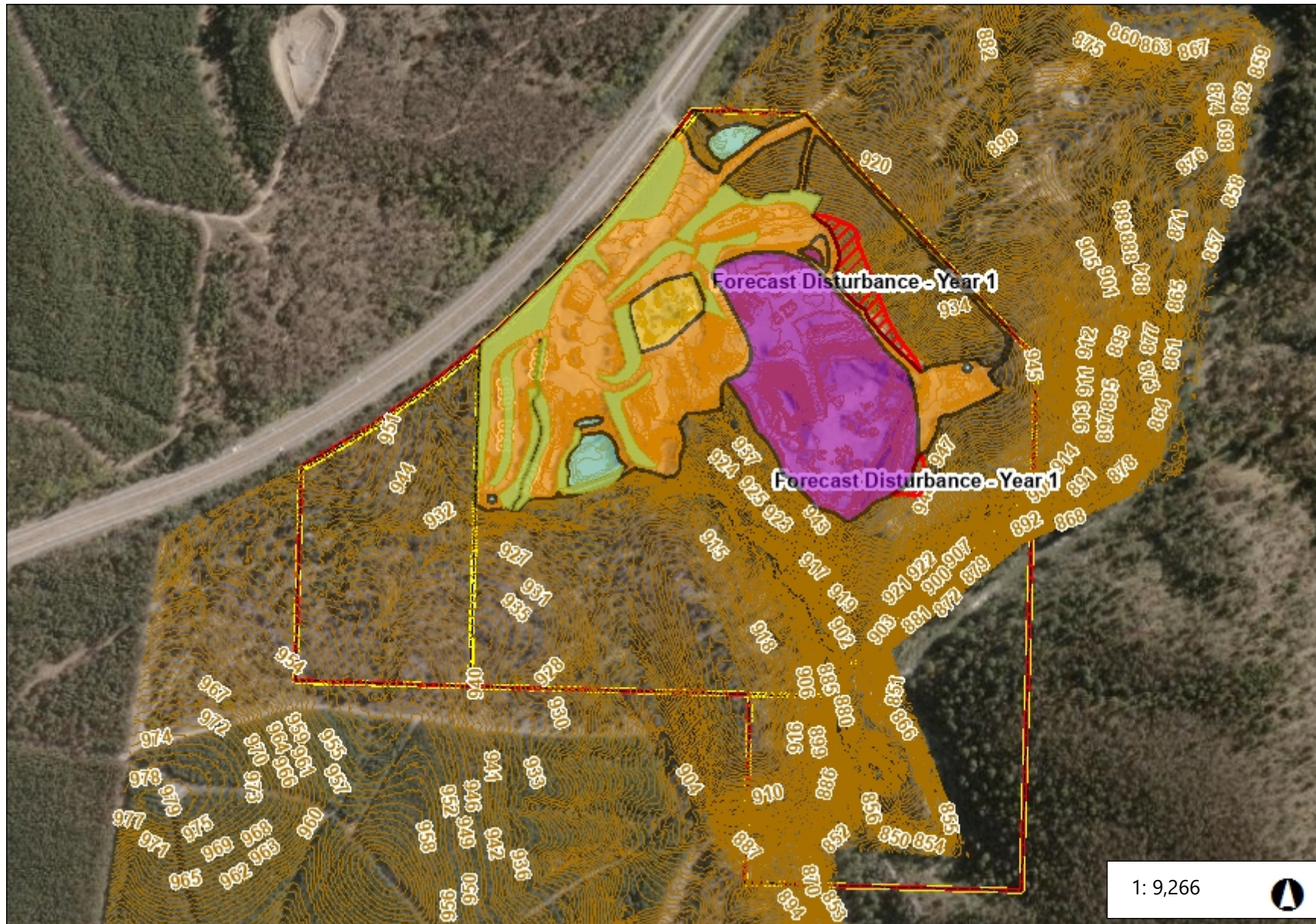
## Attachment 3 - Plans

Plan 2A.pdf

Plan 2B.pdf

Plan 2C.pdf

# Plan 2A: Mining and Rehabilitation - Year 1



## Legend

### Rehabilitation

- Decommissioning
- Landform Establishment
- Growth Media Development
- Ecosystem and Land Use Establish
- Ecosystem and Land Use Develop
- Relinquishment (Rehabilitated)
- Rehabilitation Completion

### Disturbance

- Beneficiation Facility
- Infrastructure Area
- Other
- Overburden Emplacement Area
- Tailings Storage Facility
- Underground Mining Area (SMP)
- Active Mining Area (Open cut void)
- Water Management Area

### Forecast Data Year1

- Forecast Disturbance
- Forecast Land Prepared for Rehabi
- Ecosystem and Land Use Establish
- Current Landform Contours
- Project Approval Boundary
- Mine Operations Area
- World Imagery
- Low Resolution 15m Imagery
- High Resolution 60cm Imagery

## Notes

Wallerawang Quarry - FWP0001972  
 (15 July 2026 - 14 July 20296)  
 Current Landform Contours: 12764  
 Rehabilitation and Disturbance: 12768  
 Forecast Disturbance - Year 1: 12765

470.7 0 235.36 470.7 Meters

WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere  
 © DRE

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

# Plan 2B: Mining and Rehabilitation - Year 2



## Legend

### Rehabilitation

- Decommissioning
- Landform Establishment
- Growth Media Development
- Ecosystem and Land Use Establish
- Ecosystem and Land Use Develop
- Relinquishment (Rehabilitated)
- Rehabilitation Completion

### Disturbance

- Beneficiation Facility
- Infrastructure Area
- Other
- Overburden Emplacement Area
- Tailings Storage Facility
- Underground Mining Area (SMP)
- Active Mining Area (Open cut void)
- Water Management Area

### Forecast Data Year1

- Forecast Disturbance
- Forecast Land Prepared for Rehabi
- Ecosystem and Land Use Establish

### Forecast Data Year2

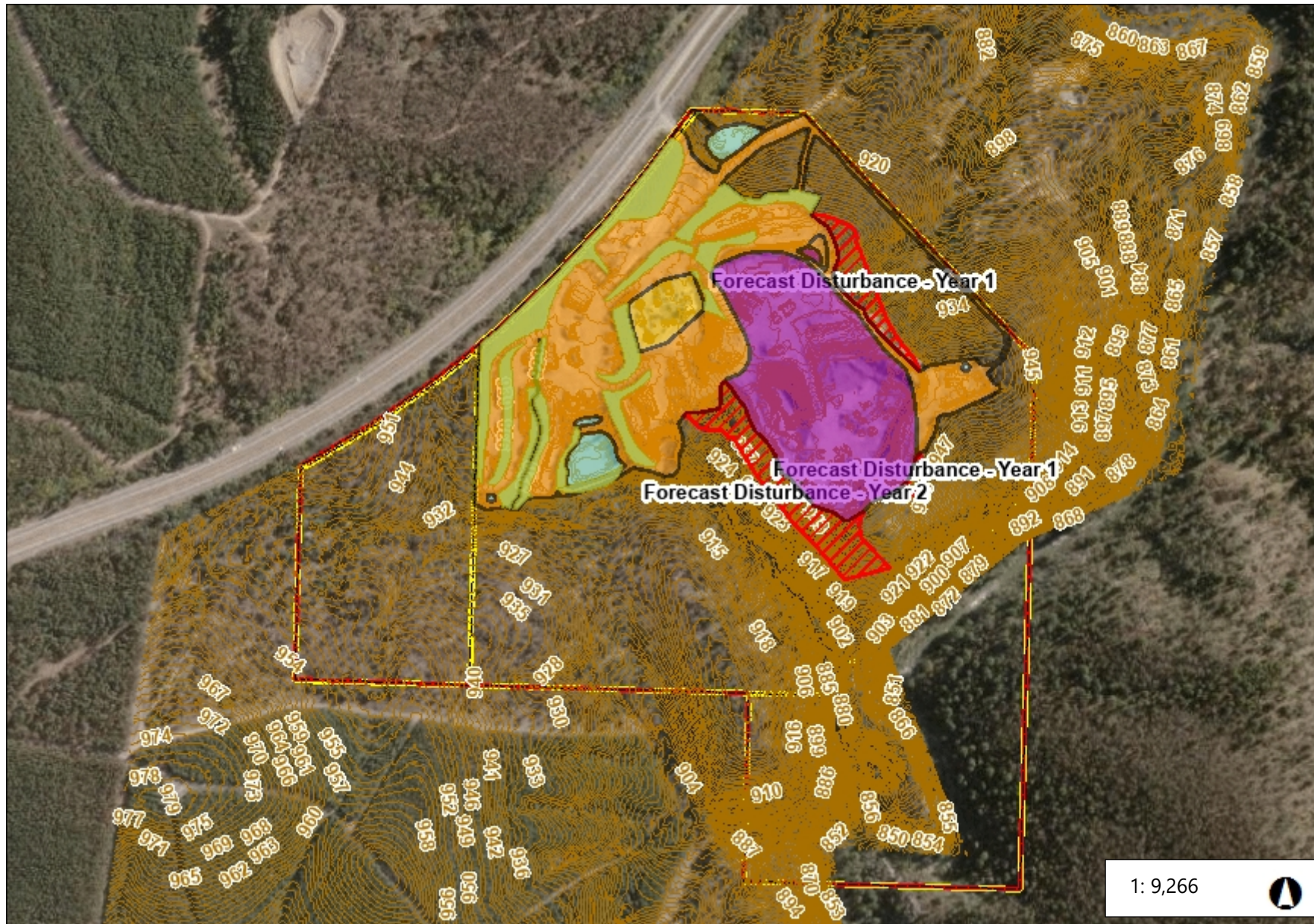
- Forecast Disturbance
- Forecast Land Prepared for Rehabi
- Ecosystem and Land Use Establish

### Current Landform Contours

- Project Approval Boundary
- Mine Operations Area

## Notes

Wallerawang Quarry - FWP0001972  
(15 July 2026 - 14 July 20296)  
Current Landform Contours: 12764  
Rehabilitation and Disturbance: 12768  
Forecast Disturbance - Year 2: 12766



1: 9,266



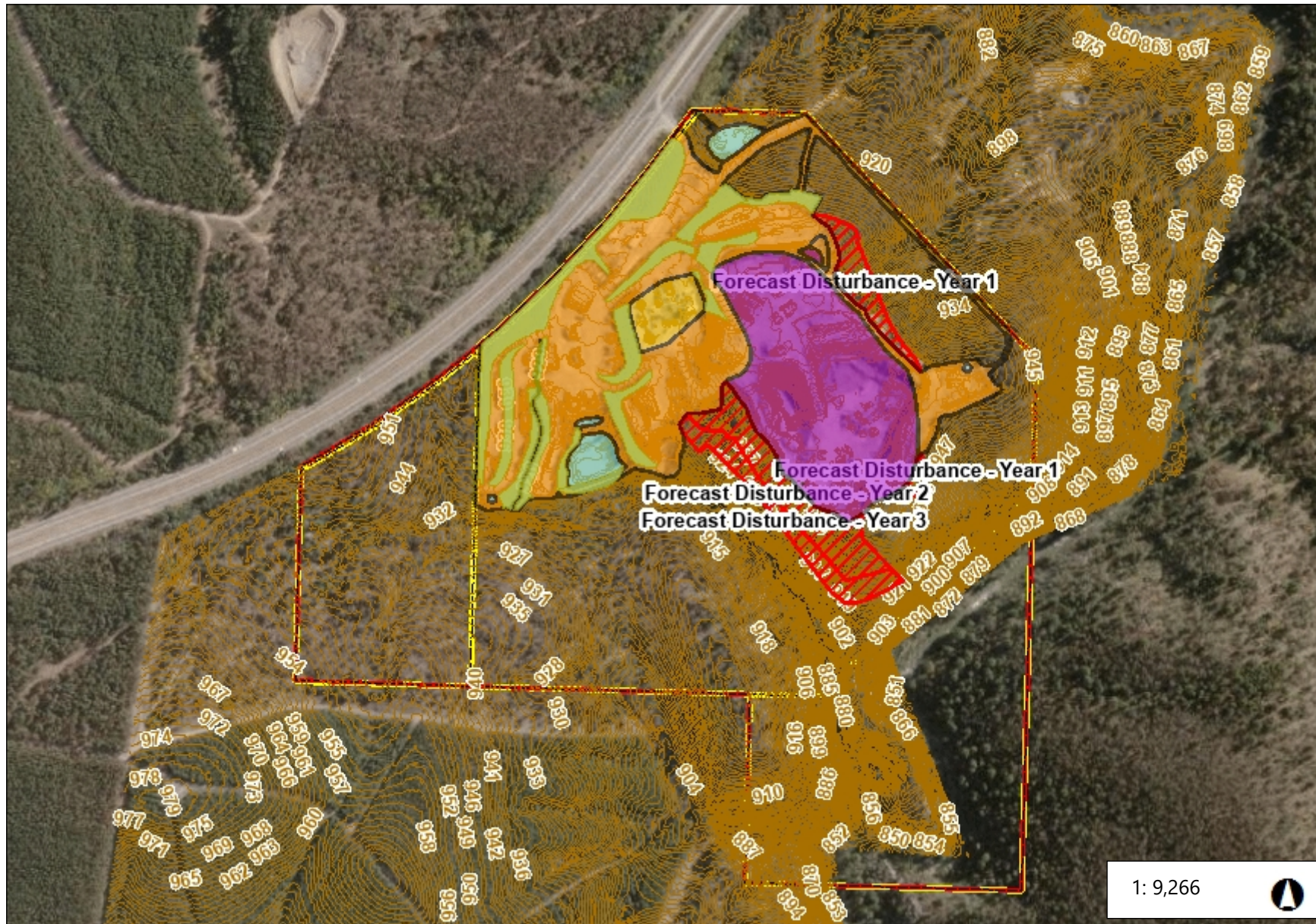
470.7 0 235.36 470.7 Meters

WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere  
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# Plan 2C: Mining and Rehabilitation - Year 3



## Legend

### Rehabilitation

- Decommissioning
- Landform Establishment
- Growth Media Development
- Ecosystem and Land Use Establish
- Ecosystem and Land Use Develop
- Relinquishment (Relinquished)
- Rehabilitation Completion

### Disturbance

- Beneficiation Facility
- Infrastructure Area
- Other
- Overburden Emplacement Area
- Tailings Storage Facility
- Underground Mining Area (SMP)
- Active Mining Area (Open cut void)
- Water Management Area

### Forecast Data Year1

- Forecast Disturbance
- Forecast Land Prepared for Rehabi
- Ecosystem and Land Use Establish

### Forecast Data Year2

- Forecast Disturbance
- Forecast Land Prepared for Rehabi
- Ecosystem and Land Use Establish

### Forecast Data Year3

- Forecast Disturbance
- Forecast Land Prepared for Rehabi

## Notes

Wallerawang Quarry - FWP0001972  
 (15 July 2026 - 14 July 20296)  
 Current Landform Contours: 12764  
 Rehabilitation and Disturbance: 12768  
 Forecast Disturbance - Year 3: 12767

470.7 0 235.36 470.7 Meters

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