

Date & Time: Thu, 09 May 2024 at 13:10:22 AEST  
 Position: 55 S 602751 5359694 ( $\pm 4.7m$ )  
 Altitude: 78m ( $\pm 3.4m$ )  
 Datum: AUSTRALIAN GEOCENTRIC 1994 (GDA94)  
 Azimuth/Bearing: 151° S29E 2684mils True ( $\pm 11^\circ$ )  
 Elevation Angle:  $-02.9^\circ$   
 Horizon Angle:  $+00.3^\circ$   
 Zoom: 1.0X



## Wallaroo Contracting Pty Ltd Greenlawn Quarry – Proposed Development

Prepared By: Barry Williams

Date: 8 July 2024

Issue	Date	Recipient	Organisation
Issue 1	26 June 2024		Wallaroo Contracting Pty Ltd
Issue 1	1 July 2024		Environment Protection Authority
Revision 1	8 July 2024		Environment Protection Authority

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**1** PROPONENT DETAILS

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Name	Wallaroo Contracting Pty Ltd
Address	P.O. Box 176 BICHENO Tas 7215
Contact	Robert Lyne
Mobile	0428 751 113
Email	admin@wallaroocontracting.com.au

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**2** PROJECT NAME

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Name	Greenlawn Quarry Development
Location	The site is located approximately 6.5 kilometres southwest of Bicheno.
Property ID	9371392
Title Reference	205249/1
Property ID	9371392
Title Reference	174049/2

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### 3 PROPONENT BACKGROUND

Experience	<p>Wallaroo Contracting Pty Ltd is the Proponent and the Lease Holder of Greenlawn Quarry (1979 P/M). The Proponent established Greenlawn Quarry in 2007, upgraded to a Level 2 activity in 2014 and upgraded the permit again with an EPN No. 10611/1 in 2021.</p> <p>The Proponent is a trusted civil contracting company with a concrete batch plant supplying concrete to the Bicheno district. The company has experience in operating this and several other quarries supplying reliable quality gravels and aggregates into the local market.</p>
Tenements	<p>Greenlawn Quarry operated under a mining lease since 2007. An additional area was added to the mining lease and a new consolidated lease was granted in 2014. The lease is pending renewal since in February 2022.</p> <p>This proposal includes an expansion of the existing operation to encompass an area of 2.3 hectares on the south and west boundary of the mining lease. An application for a new mining lease adjacent to the existing will be lodged with Mineral Resources Tasmania.</p>

### 4 DESCRIPTION OF PROPOSED ACTIVITY

Proposal	<p>This proposal consists of an increase in the development area of the main gravel pit, continuance of progressive rehabilitation on the eastern perimeter of the mining lease. The proposal includes a permanent increase in the annual extraction and processing limit to 20,000 cubic metres per annum.</p>
Permitting	<p>Greenlawn Quarry has a development permit DA 06113 with the Glamorgan Spring Bay Council, with environmental conditions applied through Permit Conditions Environmental No. 7391. An Environment Protection Notice No. 10611/1 for a temporary increase in production was issued in 2021. This product has been removed and the project is now complete. The current production limit for Green Lawn Quarry is 10,000 cubic metres extracted and processed.</p>
Type of operation	<p>Greenlawn Quarry is a gravel operation. The source rock consists of weathered dolerite (red) which is extracted using rip and push techniques and processed on site periodically using a mechanical screen.</p>
Production	<p>The Proponent is seeking to increase the annual production limit to 20,000 cubic metres.</p>
Equipment	<p>The activity utilises an excavator, dozer, wheel loader, mobile screener, various off-road and on-road truck and trailer combinations. There is no permanent infrastructure onsite. The weighbridge, office and workshop are located with the concrete batch plant on an adjacent parcel.</p> <p>Extractive and processing activities, types of equipment and infrastructure used at Greenlawn Quarry will not change because of this proposal.</p>

Area of disturbance The proposed quarry expansion will cause approximately 2.1 hectares of mainly pasture to be cleared. A small area (0.2 ha) of what is mapped as native vegetation on the southeast corner will be cleared.

5 PROJECT LOCATION



The quarry site is located approximately 6.5 kilometres southwest of Bicheno off the Tasman Highway. The site is accessed via a private access road which intersects with the Tasman Highway.

Security is provided by a gate which can be locked when the quarry is not in operation.

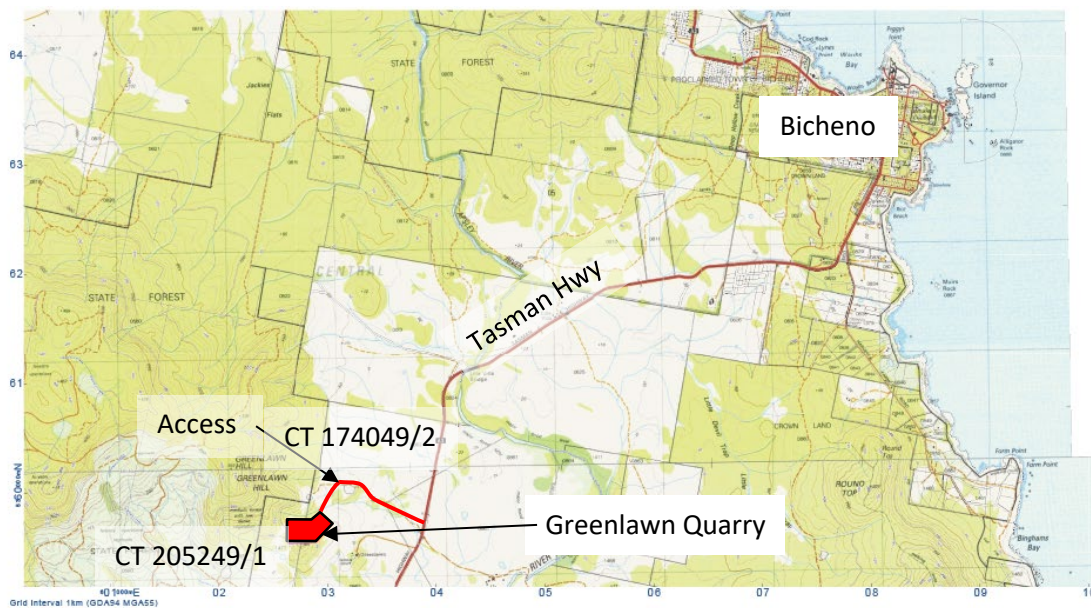


FIGURE 1: GREENLAWN QUARRY - LOCATION MAP

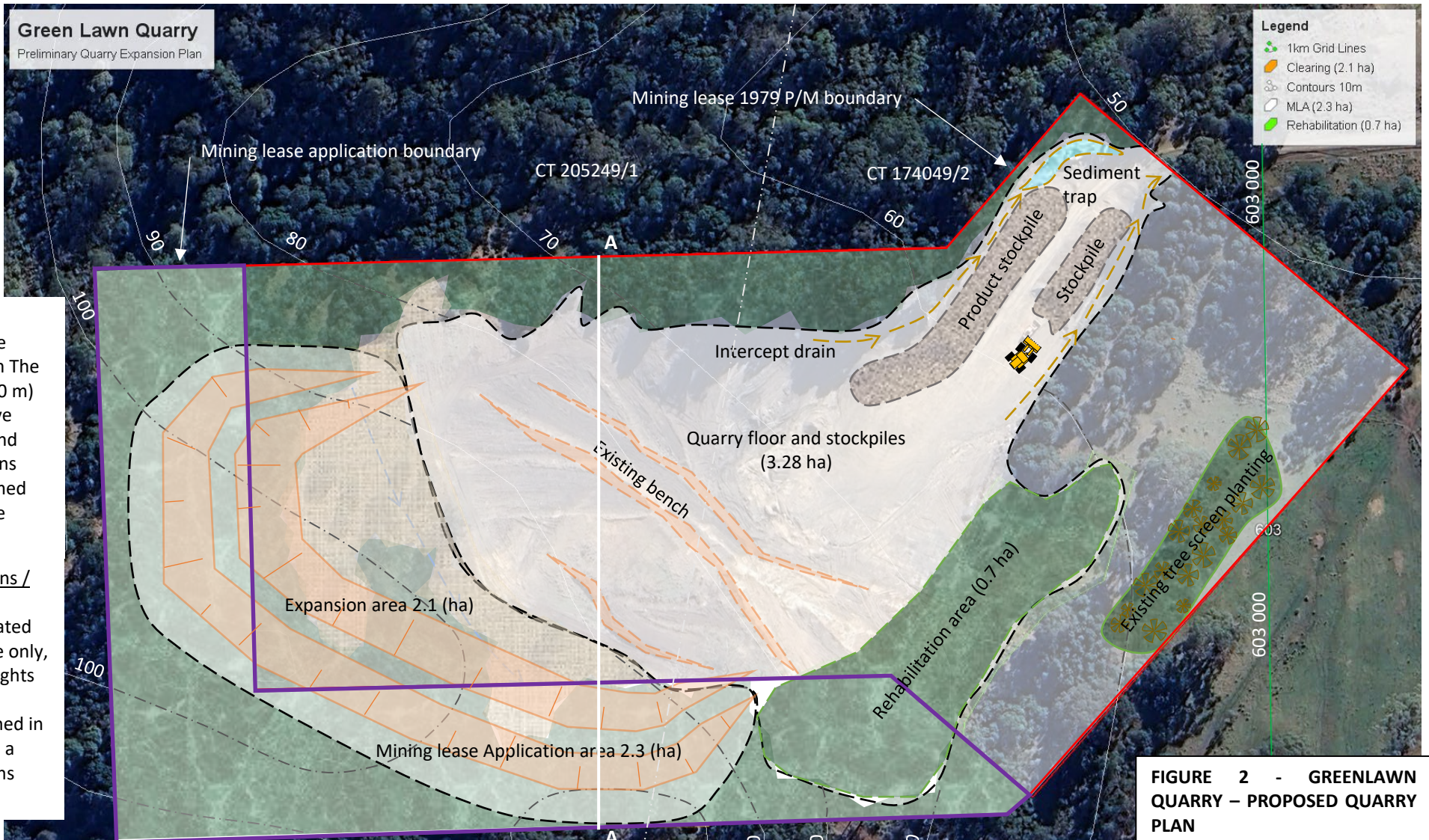
# Green Lawn Quarry

Preliminary Quarry Expansion Plan

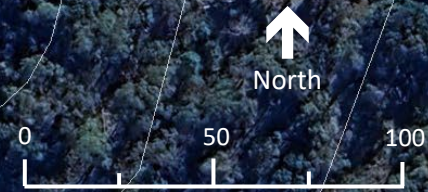
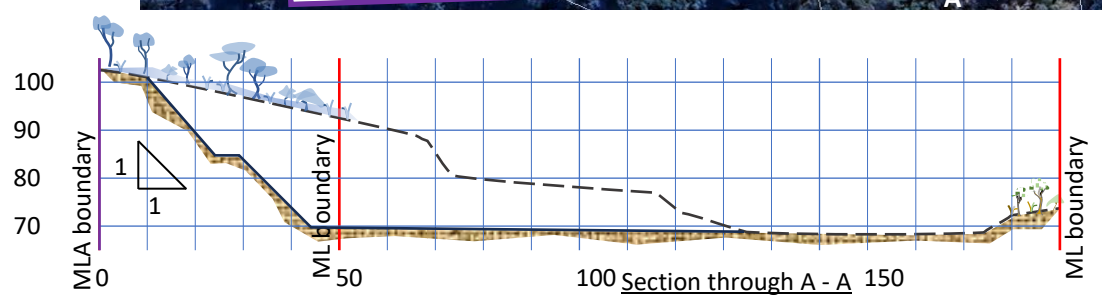
- Legend**
- 1km Grid Lines
  - Clearing (2.1 ha)
  - Contours 10m
  - MLA (2.3 ha)
  - Rehabilitation (0.7 ha)

**Levels accuracy**  
Levels shown are interpreted from The LIST contours (10 m) and are indicative only. Volumes and relative elevations should be informed by a detailed site survey.

**Ground conditions / slope stability:**  
Face slope indicated here is indicative only, actual bench heights and face slopes should be designed in accordance with a ground conditions study.



**FIGURE 2 - GREENLAWN QUARRY – PROPOSED QUARRY PLAN**  
 Drawn: BW, Date: July 2024,  
 Revision: 0  
 Image date: Aug 2023



## 6 STAKEHOLDER CONSULTATION

Environment Protection Authority (EPA) will receive this notice of intent (NOI), from which a class of assessment and project specific guidelines will be determined and issued to guide the production of an Environmental Impact Statement (EIS) detailing the environmental implications of the proposal.

The EPA will call for the Glamorgan Spring Bay Council (GSBC) to advertise the proposal when an acceptable case for assessment has been received and a development application is accepted by GSBC. Both EPA and GSBC will consider public comments in the assessment process and in determining what conditions will be placed on their respective permits.

Mineral Resources Tasmania will receive an application for mining lease for the 2.3 hectares adjacent to the southern and western boundary of mining lease 1979P/M. A marking out notice will be posted on the land at the beginning of the application process.

## 7 PHYSICAL ENVIRONMENT

Topography	The quarry site is situated on the north east facing aspect of a foothill to the locally prominent Greenlawn Hill. The mining lease area ranges from an elevation of 50 metres (AHD <sup>1</sup> ) on the east boundary to approximately 110 metres. Weathered dolerite grades from tight (refusal) on the northern boundary to highly weathered (rippable) from the midpoint to the southern boundary.
Geology	The quarry is mapped as being located on a margin between Jurassic dolerite (west) and an area of Cenozoic talus (east). This suggests that the dolerite source rock may underlie the covering talus. It is likely that the dolerite substrate will become tighter (less weathered) with depth.
Vegetation	The mining lease areas is predominantly mapped as agricultural land (FAG) by TasVeg. 4.0. The mining lease application area has half pasture and half native vegetation. On the western side the pasture transitions into <i>Eucalyptus amygdalina</i> forest and woodland on dolerite (DAD). On the southern side however, the mapped vegetation is mapped as <i>E. globulus</i> forest and woodland (DGL). A casual inspection revealed mainly <i>Acacia mearnsii</i> (black wattle) trees with an occasional blue gum.
Hydrology	The mining lease boundary is around 30 metres clear of the nearest watercourse. This watercourse is identified under the CFEV <sup>2</sup> project as river section (RS) 330793 and as having an integrated conservation value (ICV) of High.  The existing drainage arrangement for Greenlawn Quarry directs runoff into the roadside drains of the access road and then to a culvert 'off lease' which discharges the water into a significant water storage impoundment.

<sup>1</sup> AHD – Australian Height Datum (metres above sea level)

<sup>2</sup> CFEV – Conservation of Freshwater Ecosystem Values project, a nationwide audit of the ecological value of inland waterways.

## 8 ENVIRONMENTAL, HEALTH, ECONOMIC AND SOCIAL ISSUES

Natural Values	The expansion of Greenlawn Quarry includes an area of approximately 0.2 hectares of vegetation which is mapped as a threatened vegetation community. This community includes trees that are known to provide foraging habitat for swift parrot. Any loss of habitat trees will be considered a significant impact.
Raptors	The closest raptor nest is over 2.8 kilometres west of the site and will not be line of sight. It is likely that local eagles include the quarry within their range but the quarry operation is unlikely to affect their behaviour.
Other fauna values	There are records of observations of Tasmanian devil and sightings of raptors on the Tasman Highway. It is probable that marsupial carnivores include the quarry within their foraging range and less likely but possible the area to be cleared may provide denning opportunities.
Hydrological	The quarry site drains towards a river section with a ICV of High. Maintaining and strengthening the current drainage arrangement will protect the receiving aquatic environment.
Greenhouse gas emissions	A local quarry provides the community an alternative source of heavy construction materials near to market thus potentially saving a significant amount of GHG emissions that would have been expended carting materials from other more remote sources.
Health	Greenlawn Quarry is a gravel quarry that extracts source rock by ripping and pushing usually with a dozer but occasionally with an excavator. In dry conditions, these activities have the potential to generate dust emissions, which can be injurious to the health of workers on the site.  Heavy earthmoving machinery mechanical screens and trucks generate noise emissions which can affect sensitive receptors. The quarry is remote from any sensitive receptors, apart from the proponent's own Greenlawn homestead
Economic	Wallaroo Contracting employs local people in the operation and supports several local cartage contractors. The quarry purchases equipment, materials and consumables from local businesses where possible.
Social	Any construction materials won from Greenlawn Quarry will offset product imported from other sites which will reduce heavy vehicle movements on regional and local roads. This will bring a road safety benefit and reduce wear and tear on roads maintained by the Glamorgan Spring Bay Council and State Road Authority.

## 9 EXPERT SURVEYS AND STUDIES

Ecological assessment	This proposal includes a small area (approximately 0.2 hectares) of clearing of a native woodland community. The floristic structure of this area of woodland is important as there may be habitat trees present that will require preservation. A vegetation assessment and den survey will be required to inform the development.
Noise emissions	An increase in annual production will be achieved without a change in operating hours. The quarry operation is remote from residences apart from the Proponent's. No noise assessment is considered necessary.

## 10 PROPOSAL TIME LINE

EER and DA	Advertising	EPA assessment	CHC assessment	Issue Permit
August '24	September '24	November '24	December '24	February '25

### 1 STATUS UNDER ENVIRONMENT PROTECTION AND BIODIVERSITY CONSERVATION ACT 1999 (EPBC ACT)

The data base tool providing information on matters of National Environmental Significance shows the disturbance associated with the development of Greenlawn Quarry is within the range of 40 listed flora and fauna species and the area may host 2 listed vegetation communities. The area of disturbance has been designed to ensure that a minimal area of the listed vegetation community is disturbed it is therefore unlikely that this proposal will impact on a matter of national environmental significance, therefore assessment under the Commonwealth EPCA Act will not be required.

### 2 EPBC ACT REFERRAL

The proposal will not be referred to the Department of Climate Change, Energy, the Environment and Water for a determination on whether approval will be required.

### 3 SECTION 45 EPBC ACT REQUIREMENT

It is unlikely this proposal will be considered a 'controlled action' and hence approval under the *EPBC Act 1999* will not be required. Therefore, it is unlikely that the Tasmanian EPA will need to undertake its assessment under the Bilateral Agreement, section 45 of *EPBC Act 1999*.

### 4 STATUS UNDER LUPA ACT

- a) It is likely that the Glamorgan Spring Bay Council will require a Development Application for the intensification of Greenlawn Quarry.
- b) A single development application will be required for a single development permit to intensify operations at Green Lawn Quarry



- c) An application for a development permit under LUPA Act Division 4, Section 57 will be made to the Glamorgan Spring Bay Council (Planning Authority). This is a discretionary application by virtue of the proposal requiring discretion under the Road and Rail Assets Code.
- d) Greenlawn Quarry is deemed within the use class Extractive Industry in the Tasmanian Planning Scheme (TPS). The site resides within the area classified as Rural Zone under the TPS. Extractive Industry is a 'Permitted' activity within the Rural Zone meaning that a permit is required. No re-zoning is required.
- e) The proposal is for an intensification of an existing fully permitted Level 2 activity. The expansion of Greenlawn Quarry includes new development in areas subject to the following Code Overlays:
- 7. Natural Assets Code – Priority vegetation area.
  - 13. Bushfire-prone Areas Code
  - 15. Landslip Hazard Code
- Development assessed as a Level 2 Activity is exempt from the Natural Assets Code. (C7.4.1 (b)).
- Greenlawn Quarry does not qualify as a vulnerable or hazardous use hence the Bushfire-prone Areas Code does not apply (C13.2.1. (b)).
- Greenlawn Quarry is regulated under the MRD Act by the issue of mining lease number 1979P/M and any subsequent mining leases issued to facilitate the expansion. The Landslip Hazard Code does not apply by virtue of the issue of a mining lease (C15.4.1. (b)).
- This proposal will cause the maximum number of vehicles longer than 5.5 metres to increase by more than 10 percent, hence the Road and Rail Assets Code will apply (C3.5 A1.4 (a) and Table C3.1).
- f) This proposal is an expansion of the Greenlawn Quarry activity. The current activity is permitted under the LUPA Act by virtue of development permit DA 06113 and as a Level 2 activity through the issue of Permit Conditions Environmental No. 7391.
- g) Greenlawn Quarry commenced after the LUPA Act came into effect therefore subsection 12 of LUPA Act will not apply.

## 5 ENVIRONMENTAL LICENCE

This application is not for an Environmental Licence with reference to the *Environmental Management and Pollution Control Act 1994*.