
Long Hill Quarry - Notice of Intent

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Issue	Date	Recipient	Organisation
Revision 0	6 June 2023	Mr Peter Bennett	Hazel Bros. Group Pty Ltd
Revision 1	6 June 2023		Environment Protection Authority



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1. APPLICANT / PROPONENT INFORMATION

Entity name	Hazell Bros. Group Pty Ltd
ABN	27 088 345 804
Registered address	14 Farley Street Derwent Park, Tas. 7009
Postal address	As above
Contact person	Peter Bennett
Mobile	0488 672 522
Email	peter.bennett@hazellbros.com.au

The proponent will also be the entity making application to Meander Valley Council for a development permit.

2. SITE INFORMATION

Project name	Long Hill Quarry	
Mining lease	ML Number	7M/2009
	Area	74 hectares
	Granted	03/07/2003
Property	Land tenure	Permanent Timber Production Zone land
	Property ID	2529725
	Certificate of Title	132658/2
	Forestry Road (Dann Road)	
Permitting	Meander Valley Council	PA\09\0284
	Environmental	PCE 9310
Regulatory limits	Extracted	200,000 cubic metres per annum
	Processed	200,000 cubic metres per annum
Area of disturbance	16.0 hectares	
Operating hours	Weekdays	6.00 am to 7.00 pm
	Saturdays	6.00 am to 6.00 pm
	Sundays and public holidays	No work

3. PROPONENT DETAILS

Background Hazell Bros. Group Pty Ltd (HBG) through various entities operate numerous quarries throughout Tasmania. The Quarry operations group has over 40 years of experience in operating quarries in Tasmania and other states.

HBG is a significant Tasmanian operation employing over 500 people around the state.

HBG is the mining lease holder, quarry operator and applicant / proponent for this proposal.

4. PROJECT DETAILS

Background HBG was issued a permit by Meander Valley Council (MVC) to operate Long Hill Quarry on 5 May 2010 with environmental permit conditions PCE 7859 issued by the Environment Protection Authority (EPA) on 19 April 2010.

An application to the EPA resulted in new environmental conditions (PCE 9310) issued 1 July 2016.

Proposal Quarries are dynamic operations that seek to provide consistent output from often differing natural resource conditions.

In this case the proposed development area set in the PCE 9310 was found to have a significant depth of unsuitable overburden. It is necessary to remove the overburden to expose the source rock under. The overburden has a high clay content and is unsuitable as a product but will be utilised for future rehabilitation works.

Tasmania is currently experiencing high demand for quarry products. A situation which is not expected to change significantly for a decade. Regulatory limits imposed on the Long Hill Quarry by PCE 9310 constrain the operation.

PCE 9310 permit conditions This proposal seeks to change two conditions in the current permit:

Q1 Regulatory limits

1 The activity must not exceed the following limits (annual fees are derived from these figures):

1.1 200,000 cubic metres per year of rocks, ores or minerals processed.

1.2 200,000 cubic metres per year of rock or gravel extracted.

DC4 Progressive rehabilitation

Worked out or disused sections of The Land must be rehabilitated concurrently with extractive activities on other sections of The Land. Progressive rehabilitation must be carried out in accordance with the relevant provisions of the Quarry Code of Practice, unless otherwise approved in writing by the Director. The maximum disturbed area of land which may remain, at any time, without rehabilitation is 16ha.

<p>New permit conditions sought</p>	<p>The Proponent is seeking to increase the annual regulatory limits to: 330,000 cubic metres per year of rocks, ores or minerals processed. 330,000 cubic metres per year of rock or gravel extracted.</p>
<p>The Proponent is seeking to increase the maximum area of unrehabilitated land to 29 hectares.</p>	
<p>Operations</p>	<p>Current equipment, infrastructure, hours of operation and employment will not change as a result of this proposal.</p>

5. PROPOSAL LOCATION MAPS

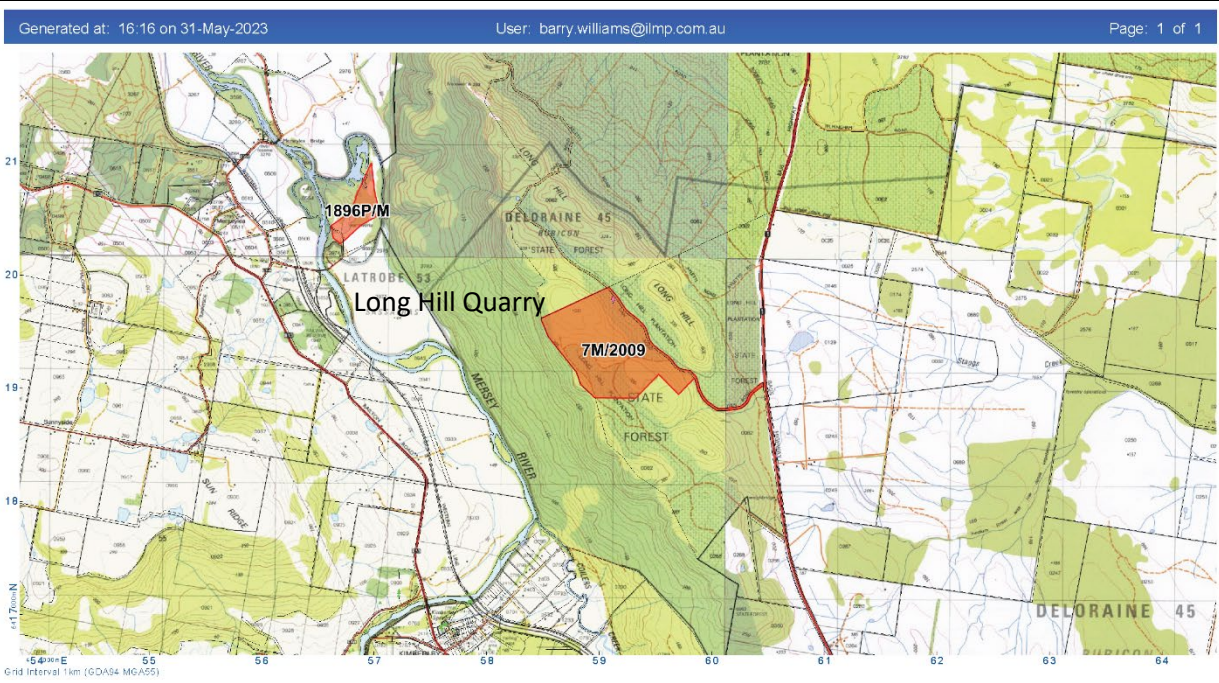


FIGURE 1: LONG HILL QUARRY SITE - LOCATION MAP (EXTRACT THE LIST)

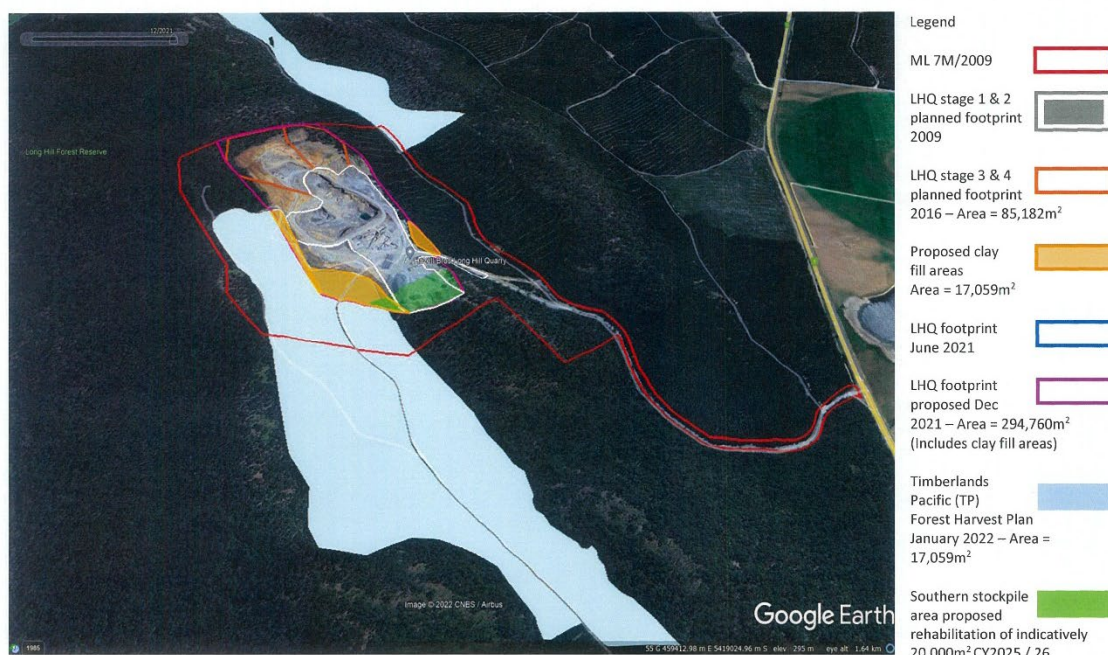


FIGURE 2: PROPOSED DEVELOPMENT AREAS – HAZELL BROS. GROUP PTY LTD

6. STAKEHOLDER ENGAGEMENT

Agencies	<p>HBG advised the EPA and the MVC that they had negotiated with Timberland Pacific to place overburden on a 1.7 hectare area within the mining lease post harvesting in December 2021. Subsequent to the initial correspondence, HBG advised the EPA that the maximum disturbed area allowed under the permit had been exceeded.</p> <p>The EPA responded with correspondence dated 4 May 2022 acknowledging the new stockpile areas were wholly within the recent harvested plantation area and that personnel need to be made aware of the permit restrictions.</p> <p>MVC provided advice on 17 May 2022 that a new council permit was not required. More recently HBG clarified with MVC that the new proposal was to include an increase in the regulatory limits. The advice received from MVC was that the revised proposal would require a development application.</p>
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7. PHYSICAL ENVIRONMENT

Topography	<p>The Long Hill Quarry occupies a ridge top location on a prominent ridge running adjacent to Long Hill. The quarry has a south easterly aspect on a northwest, southeast running ridge. The land adjacent to the quarry starts at approximately 300 metres in elevation (AHD) rising to 330 metres.</p>
Geology	<p>Geological mapping shows the ridges are underlain by a substantial remnant of a Jurassic aged dolerite sill. Igneous dolerite is underlain by Permian aged sedimentary rocks with a Cenozoic dolerite derived talus concealing the margins.</p>

Soils	<p>The soil overlying the insitu dolerite strata is gradational-texture profile with clay loams overlying light medium clays. Weathering of the substrate results in a stony soil with low to medium fertility.</p> <p>The soil has a moderate potential for accelerated water erosion and compaction.</p>
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Vegetation	<p>TasVeg 4.0 identifies the majority of the affected area as plantation forest. On the north western fringe of the quarry development area the vegetation is mapped as <i>Eucalyptus amygdalina</i> - <i>Eucalyptus obliqua</i> damp sclerophyll forest (DSC) grading to <i>E. amygdalina</i> forest on dolerite (DAD) on slopes. The mapping was confirmed by an ecological study on the development area and surrounds undertaken in August 2015.</p> <p>Provisions of a Forest Practices Plan FPP (GPS0566) for the forest surrounding the development area including a wedge-tailed eagle exclusion area, a landscape reserve and wildlife habitat clump will not be affected by this proposal.</p>
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8. KEY IMPACTS

Environmental	<p>Establishing the overburden stockpiles outside the development area will not affect native vegetation as the areas have been recently subjected to plantation harvesting.</p> <p>Topsoil from stripping will be stockpiled separately from overburden but both will be susceptible to water erosion. Runoff from Dolerite clays are notorious for producing turbid runoff water.</p>
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Economic	<p>Since conversion from a forestry quarry, Long Hill Quarry has become an important source of high-quality aggregates and engineered road construction materials. The initial maximum production limit of 100,000 cubic metres has previously been increased to 200,000 cubic metres and now the proponent is seeking an increase to 330,000 cubic metres, which demonstrates the demand for the product has increased exponentially.</p> <p>A reliable source of quality heavy construction materials located close to the project is important feature in delivering cost effective and high quality civil construction projects.</p>
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Social	<p>Ensuring Long Hill Quarry can continue to operate efficiently and increase production will provide confidence in the permanent workforce employed on the operation. The increase in production will increase work for a contract workforce occasionally employed for product cartage and expert subcontract activities such as drilling and blasting.</p>
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9. SURVEYS AND STUDIES

Ecological	<p>This proposal is located either on land previously converted to plantation forestry or on land previously thoroughly studied for a previous application. No additional ecological studies are anticipated.</p>
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Noise	Long Hill Quarry is located remotely from sensitive receptors. An increase in the number of drilling and blasting operations per year is unlikely to impact on any neighbours. No noise impact modelling or reporting is considered necessary.
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Erosion and sediment control	A substantial area of extra disturbed ground holding moderately erodible stockpiles will increase the threat of turbid and sediment entrained runoff water leaving the site and affecting neighbouring land and watercourses. A detailed erosion and sediment control plan will be required.
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10. PROJECT TIMELINE

Period	September '23	December '23	February '24	April '24
Milestone	documents	EPA assessment	MVC assessment	Permit

11. SECTION 27B(2)(K)

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- 1) An ecological study undertaken previously found the activity did not impact on Matters of National Environmental Significance. This proposal is contained within the areas previously studied.
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- 2) The proposal will not be referred to the Federal Government for a determination on whether approval is required under the *Environment Protection and Biodiversity Conservation Act 1999*.
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- 3) Assessment under a Bilateral Agreement will not be required.
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- 4)a) The Meander Valley Council will require a single development permit application, see Appendix 1 (advice from Meander Valley Council).
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- b) The Meander Valley Council will require a single development permit application.
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- c) The application will be made under Part 4 Division 2 of the *Land Use Planning and Approvals Act 1993* (LUPA Act).
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- d) The proposal site is contained wholly within the 20. Rural land use zone.
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- e) The proposal is for an intensification of an existing fully permitted level 2 activity.
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- f) Long Hill Quarry has a Development Permit (PA\09\0284) but this proposal constitutes a 'substantial intensification' under Subsection 12 (7) of the LUPA Act.
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5. The proposal is not for an activity that requires an Environmental Licence under the *Environmental Management and Pollution Control Act 1994*.
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