

## **Consolidated Project Description**

The approved development (Project Approval 09\_0175) as modified, includes:

- Carrying out quarrying operations on the site until 31 December 2034.
- Extraction (excluding overburden), processing, stockpiling and transport of up to 1.5 million tonnes of quarry products in any calendar year.
- Extraction method is drilling and blasting.
- A total permitted disturbance area of 40.18ha.
- Operating hours are as follows:
  - Quarrying operations are limited to the following operating hours:
    - 7:00am to 9:00pm, Monday to Friday;
    - 7:00am to 10:00pm Monday to Friday on 50 calendar days per year;
    - 7:00am to 6:00pm Saturday;
    - No drilling 6:00pm to 10:00pm Monday to Friday or 1:00pm to 6:00pm Saturday; and
    - No quarrying operations on Sundays or Public Holidays.
  - Product loading and dispatch are limited to the following hours:
    - 5:00am to 9:00pm Monday to Friday;
    - 5:00am to 10:00pm Monday to Friday on 50 calendar days per year;
    - 6:00am to 6:00pm Saturday; and
    - No product loading and dispatch on Sundays or Public Holidays.
  - Construction activities are undertaken between 7:00am and 6:00pm Monday to Friday and 8:00am to 1:00pm Saturdays, unless noise from these activities does not exceed 40dB(A)  $L_{Aeq(15\text{ min})}$  at any privately-owned residence;
  - Maintenance activities may be undertaken 24 hours a day, 7 days per week, providing maintenance activities are inaudible at any privately-owned residence;
- Blasting on site is to be carried out between 9:00am and 4:00pm Monday to Friday, with no more than two (2) blasts per week to be carried out.
- Up to 216 laden truck movements per day.
- Haulage from the site is via Blue Rock Close, Andersite Road, the Branch Lane to the M1 Pacific Motorway.
- Total disturbance footprint is 40.18ha.
- Total native vegetation clearing is 35.28ha.
- Establishment of a biodiversity offset area on the following lands:
  - Part Lot 13 DP 1024564, Lot 14 DP 1024564 and Lot 5 DP 838128; and

- Part Lot 21 DP1024341 and Part Lot 201 DP 1042537.
- Any remaining credits to be purchased from the market or through payment into the Biodiversity Conservation Fund.
- Construction and use of quarry plant and infrastructure (fixed and mobile equipment), including crushing plant and processing infrastructure, two (2) storey office, stockpiling areas, internal haulage roads, two (2) weighbridges and weighbridge office, amenity facilities, other minor structures, and fencing.
- Establishment of stormwater infrastructure, comprising three (3) dams.
- On site light vehicle and heavy vehicle parking areas.
- Upgrades and extension of Blue Rock Close, realignment of the Blue Rock Close and Andesite Road intersection, and adjustment of road markings at the Andesite Road and Branch Lane intersection.
- Application of conditions to manage / mitigate potential impacts associated with a range of environmental conditions including noise; blasting; air quality; soil and water; transport; biodiversity; heritage; emergency and hazards management and waste.
- Progressive rehabilitation of the subject site to the satisfaction of the planning secretary.

The table below provides the key features of the Approved Development (as modified).

Element	Original Project (as amended)		Modified Project (inclusive of MOD 10)
Quarry Operations			
Quarry life	31 December 2034		No change.
Production limit	1.5 million tonnes of andesite per annum		No change.
Operating hours	Quarrying operations	<ul style="list-style-type: none"><li>7:00am to 9:00pm, Monday to Friday</li><li>7:00am to 10:00pm Monday to Friday on 50 calendar days per year</li><li>7:00am to 6:00pm Saturday</li><li>No drilling 6:00pm to 10:00pm Monday to Friday or 1:00pm to 6:00pm Saturday</li><li>No quarrying operations on Sundays or Public Holidays</li></ul>	No change.
	Product loading and dispatch	<ul style="list-style-type: none"><li>5:00am to 9:00pm Monday to Friday</li><li>5:00am to 10:00pm Monday to Friday on 50 calendar days per year</li><li>6:00am to 6:00pm Saturday</li></ul>	No change.

		<ul style="list-style-type: none"><li>No product loading and dispatch on Sundays or Public Holidays</li></ul>	
	Construction activities	7:00am and 6:00pm Monday to Friday and 8:00am to 1:00pm Saturdays, unless noise from these activities does not exceed 40dB(A) $L_{Aeq}(15 \text{ min})$ at any privately-owned residence	No change.
	Maintenance activities	24 hours a day, 7 days per week, providing maintenance activities are inaudible at any privately-owned residence	No change.
Blasting	9:00am to 4:00pm Monday to Friday, with no more than two (2) blasts per week		No change.
Extraction Method	Drilling and blasting		No change.
Vehicle Movements	216 laden movements per day		No change.
Haulage	Haulage from site via the M1 Pacific Motorway. Access to the M1 pacific Motorway via Blue Rock Close, Andersite Road and Branch Lane.		
Employment	Approximately 30 staff.		Approximately 35 staff (ie. 5 additional staff).
Project Area			
Total Disturbance Footprint	33.01ha		40.18ha
Native Vegetation Clearance	28.3ha		35.28ha
Biodiversity offsets	Establishment of a biodiversity offset area on lands adjacent to the quarry (Part Lot 13 DP 1024564, Lot 14 DP 1024564 and Lot 5 DP 838128.		<p>Establishment of a biodiversity offset area on the following lands:</p> <ul style="list-style-type: none"><li>Part Lot 13 DP 1024564, Lot 14 DP 1024564 and Lot 5 DP 838128; and</li><li>Part Lot 21 DP1024341 and Part Lot 201 DP 1042537.</li></ul> <p>Any remaining credits to be purchased from the market or through payment into the Biodiversity Conservation Fund.</p>

Physical Layout and Design		
Plant and infrastructure	<ul style="list-style-type: none"> <li>Crushing plant and processing infrastructure (fixed and mobile equipment)</li> <li>Stockpiling areas</li> <li>Internal haulage roads</li> <li>Two (2) weighbridges and weighbridge office</li> <li>Administration Office</li> <li>Amenity facilities</li> <li>Other minor structures</li> <li>Fencing</li> </ul>	<p>Additional stockpile areas to be established.</p> <p>Two storey administration office proposed.</p>
Stormwater infrastructure	<p>Stormwater management infrastructure including three (3) on site dams.</p> <p>Dam 1 Volume – 12.4ML Dam 2 Volume – 1.3ML Dam 3 Volume – 2.3ML</p>	<p>Stormwater management infrastructure including three (3) on site dams. Overall capacity to be increased by (Dam 2 to be relocated and enlarged and Dam 3 to be enlarged.</p> <p>Dam 1 Volume – 12.4ML (unchanged) Dam 2 Volume – 8.18ML Dam 3 Volume – 4.68ML</p>
Parking	<p>Light vehicle – Sufficient parking for development related traffic provided.</p> <p>Heavy vehicle – informal parking on site.</p>	<p>Additional light vehicle parking to be provided (28 spaces).</p> <p>Ten (10) heavy vehicle parking spaces to be provided.</p>
Access	<ul style="list-style-type: none"> <li>Upgrade and extension of Blue Rock Close</li> <li>Realignment of the Blue Rock Close and Andesite Road intersection</li> <li>Adjustment of road markings at the Andesite Road and Branch Lane intersection</li> </ul>	No change.
Rehabilitation	Progressive rehabilitation of the site.	No change. The Landscape and Rehabilitation Management Plan will be extended to cover the MOD 10 additional disturbance areas.