

Consolidated Project Description

The approved development (Project Approval MP09_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.
- Extraction depth limit is RL45m.
- 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; and
 - 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 can be carried out between 9:00am and 5:00pm Monday to Friday, with no more than two combined blasts per week to be carried out between KEQ and KHRQ.
- Haulage from the site is via Blue Rock Close, Andersite Road, The Branch Lane to the A1 Pacific Highway.
- A total permitted disturbance area of 40.65ha.
- Total native vegetation clearing is 35.75ha.
- Establishment of land-based biodiversity offsets as follows:
 - Part Lot 13 DP 1024564, Lot 14 DP 1024564, Lot 5 DP 838128 (Eastern biodiversity offset area); and
 - Part Lot 201 DP 1042537 (Western biodiversity offset area);
- Biodiversity offset credits will be retired in accordance with the NSW Biodiversity Offsets Scheme.
- Existing and approved site improvements:
 - quarry pit (extraction area);
 - crushing plant and processing infrastructure (fixed and mobile equipment);
 - wash plant and workshops;
 - stockpiling areas;
 - internal haulage roads;

- weighbridge office;
- weighbridge (two weighbridges approved);
- parking areas for light and heavy vehicles;
- administration office;
- amenity facilities;
- other minor structures; and
- fencing and access gates.
- Establishment of stormwater infrastructure, comprising three dams and an in-pit sump.
- 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 NSW Planning.

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

Element	MP09_0175 (as amended)		Modified Project (inclusive of MOD 11)
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	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. - No quarrying operations on Sundays or Public Holidays.	No change.
	Product loading and dispatch	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. - No product loading and dispatch on Sundays or Public Holidays.	No change.
	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 blasts per week.		9:00am to 5:00pm Monday to Friday, with no more than two (2) blasts per week cumulatively between the KEQ and KHRQ.
Extraction Method	Drilling and blasting.		No change.
Extraction Area Depth	RL45m.		No change.
Vehicle Movements	216 laden movements per day (432 movements).		No change.
Haulage	Haulage from site via the A1 Pacific Highway. Access to the A1 Pacific Highway via Blue Rock Close, Andersite Road and The Branch Lane.		No change.
Employment	Approximately 35 staff.		No change.
Project Area			
Total Disturbance Footprint	40.18ha.		40.65ha.
Native Vegetation Clearance	35.28ha.		35.75ha.
Biodiversity offsets	Establishment of a biodiversity offset area on the following lands: - Part Lot 13 DP 1024564, Lot 14 DP 1024564, Lot 5 DP 838128 (Eastern biodiversity offset area). - Part Lot 201 DP 1042537 (Western biodiversity offset area). Biodiversity offset credits will be retired in accordance with the NSW Biodiversity Offset Scheme.		No change.
Physical Layout and Design			
Plant and infrastructure	- Crushing plant and processing infrastructure (fixed and mobile equipment). - Stockpiling areas. - Internal haulage roads. - Two (2) weighbridges and weighbridge office. - Administration Offices. - Amenity facilities. - Workshops. - Other minor structures. - Fencing.		No change.
Stormwater infrastructure	Stormwater management infrastructure including three (3) on site dams and an in-pit sump. Current sizing (noting MOD 10 has not been established)		No change, however the in-pit sump will be proportionally upgraded.

	• Dam 1 Volume – 12ML. • Dam 2 Volume – 0.5ML. • Dam 3 Volume – 2ML. Operation of an in-pit sump that pumps to Dam 1.	
Parking	Light vehicle – Sufficient parking for development related traffic provided. An additional 28 light vehicle spaces were approved by MOD 10 but have not yet been constructed. Heavy vehicle – informal parking on site. An additional 10 heavy vehicle parking spaces were approved by MOD 10 but have not yet been constructed.	No change.
Access	• Upgrade and extension of Blue Rock Close • Realignment of the Blue Rock Close and Andesite Road intersection • Adjustment of road markings at the Andesite Road and The Branch Lane intersection.	No change.
Rehabilitation	Progressive rehabilitation of the site.	No change. The KEQ Landscape and Rehabilitation Management Plan will be extended to cover the proposed 4,690m² additional disturbance area and to respond to the revised final topography post extractive activity including the establishment of a free draining landscape.