

Section 5

Statement of Commitments

PREAMBLE

This section has been prepared in accordance with the requirements of the Environmental Planning and Assessment Act 1979, and presents a compilation of the actions and initiatives outlined throughout Sections 2 and 4 of this document that the Applicant commits to implement if the Proposal receives development consent. These commitments are designed to effectively manage, mitigate, guide and monitor the Proposal through the operational life and eventual rehabilitation of the disturbed areas within the Project Site.

The Environmental Impact Statement for the Proposal has identified a range of environmental, social and economic management outcomes and measures which would be required to avoid or reduce potential adverse environmental and socio-economic impacts of the Proposal.

For each commitment, the desired outcomes are provided together with the intended actions and timing for the implementation of the nominated actions.

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Table 5.1
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Desired Outcome	Action	Timing	
1. Environmental Management			
Compliance with all conditional requirements in all approvals and licences.	1.1 Comply with commitments recorded in this table.	Continuous and as required	
	1.2 Comply with all conditional requirements included in the: <ul style="list-style-type: none">• Development consent;• Environment Protection Licence; and• any other approvals.	Ongoing	
2. Area of Activities			
All approved activities are undertaken generally in the location(s) nominated on the figures shown in Sections 2 and 4.	2.1 Clearly mark the boundary of the areas of the proposed extension to the extraction areas and fines emplacement area	Prior to the establishment and construction in the respective component area	
3. Operating Hours			
All operations are undertaken within the approved operating hours.	3.1 Undertake all activities, where practicable, in accordance with the following operating hours.	Continuous and as required	
4. Rehabilitation			
The creation of a stable final landform, available for the proposed future uses of nature conservation and minor grazing and stock sheltering.	4.1 Where possible, retain soil, overburden and suitable cleared vegetation resources for use in rehabilitation of the final landform.	Ongoing	
5. Traffic and Transportation			
Transport operations are undertaken with minimal impact on other road users and residents.	5.1 Continue to implement a Driver's Code of Conduct and include the following additional information. <ul style="list-style-type: none">• Vehicle checking procedures.• Details of all known hazards on the haulage route including current bus stop locations.	Ongoing	
	5.2 Provide a contribution to Tenterfield Shire Council for the maintenance of the roads along the transport route during the ongoing life of the quarry based on the provisions of the <i>Tenterfield Shire Council Section 94 Development Contributions Plan 2013</i> .	Ongoing	
	5.3 Maintain a complaints management system to appropriately respond to any complaints received.	Ongoing	

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Desired Outcome	Action	Timing
5. Traffic and Transportation (Cont'd)		
Ensure drivers are aware of their responsibilities within the Project Site and during transportation of raw materials	5.4 Ensure that the Driver's Code of Conduct is: <ul style="list-style-type: none"> signed by all drivers employed or contracted by the Applicant; is included in induction and training processes; and retained with drivers at all times during quarry-related activities. 	Ongoing
6. Air Quality		
Site activities are undertaken without exceeding the nominated air quality criteria.	6.1 Limit blasting and secondary rock breakage during periods of high winds or extremely dry weather where it is practical to do so.	Ongoing
	6.2 Apply and maintain a bitumen seal to a 400m section of the quarry access road beginning from the intersection with the Mount Lindesay Road towards the Project Site.	Within 6 months of receipt of development consent
	6.3 Ensure unsealed internal roads are appropriated constructed and graded where necessary to limit dust lift-off from transportation activities.	As required
	6.4 Traffic on internal unsealed roads within the Project Site is to be limited to a speed no greater than 10km/hr to reduce dust lift-off.	Ongoing
	6.5 Traffic on the quarry access road is to be limited to a speed no greater than 30km/hr to reduce dust lift-off.	Ongoing
	6.6 Maintain the complaints management system to appropriately respond to any complaints.	Ongoing
7. Noise		
All activities are undertaken in a manner such that noise emissions do not exceed intrusiveness criteria nor significantly impact on neighbouring landowners and/or residents.	7.1 Limit transportation noise by ensuring: <ul style="list-style-type: none"> all trucks comply with RMS's noise limits at all times; all drivers sign and follow the Driver's Code of Conduct; and the internal road network is repaired and graded, as required, to limit body noise from empty trucks. 	Ongoing
	7.2 Fit all equipment on the Project Site with standard noise limiting controls such as engine covers and exhaust silencers.	Ongoing
	7.3 Ensure that all project-related vehicles are regularly serviced and engine efficiencies are maintained at a standard that limits truck noise.	Ongoing
	7.4 Where practical to do so, maintenance work would be undertaken at the Sunnyside Crushing and Screening Plant.	Ongoing

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Desired Outcome	Action	Timing
8. Blasting and Vibration		
All blasting activities are undertaken in a manner such that impacts do not exceed the nominated criteria nor significantly impact on neighbouring landowners and/or residents.	8.1 Blasting would be restricted to the hours of 10:00 am to 3:00pm, Monday to Saturday as specified Section 2.12.	Ongoing
	8.2 Blasting would take place no more than once per day as specified in the ANZECC guidelines and described in Section 4.5.2.	Ongoing
9. Water Resources		
Sediment dams have the capacity to accommodate a 5-day 90 th percentile rainfall event.	9.1 The Central Sediment Dam would be enlarged to 0.7ML and the Northern Sediment Dam enlarged to 1.0ML as described in Section 4.6.5.1.	Within six months of receipt of development consent
Capture of sediment-laden water flows from Proposal-related disturbance and prevention of uncontrolled discharge of sediment laden water from the Site.	9.2 Install sediment traps within drains prior to junction with the Central Sediment Dam and Northern Sediment Dam as described in Section 4.6.5.1.	Within six months of receipt of development consent
	9.3 Maintain the structural integrity and capacity of sediment dams to allow adequate volume for settlement and storage of sediments throughout the life of the Proposal.	Ongoing
	9.4 Where required, excavate retained sediment from control structures and sediment dams, placing removed sediment within overburden stockpiles for use in rehabilitation.	As required
Prevention of hydrocarbon contamination of water on the Site	9.5 Where practical service all equipment at the Sunnyside Crushing and Screening Plant.	Ongoing
	9.6 All possible care is to be taken to avoid spillage of hydrocarbons when refuelling of equipment is undertaken within the Project Site.	Ongoing
10. Biodiversity		
Avoid impacts on native flora and fauna.	10.1 Retain all remnant vegetation within the Project Site beyond the areas approved for clearing.	Ongoing
	10.2 Where practical, avoid removal of any hollow-bearing trees or large habitat trees (for example those located along the boundary between the proposed disturbance areas and remnant vegetation) for potential existing and future use by native fauna.	Ongoing
Minimise or mitigate unavoidable impacts on native flora and fauna.	10.3 A program of weed control would be undertaken to ensure native plants are not overgrown during their early periods of growth.	Ongoing
	10.4 Undertake vegetation clearing operations, where practicable, between April and September to limit adverse impacts on tree dependent avifauna and microchiropteran bats.	Ongoing

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Desired Outcome	Action	Timing
10. Biodiversity (Cont'd)		
Minimise or mitigate unavoidable impacts on native flora and fauna. (Cont'd)	10.5 Adopt a procedure to ensure all trees to be cleared are inspected prior to clearing and encourage any fauna to vacate the area.	Ongoing
	10.6 Salvage tree trunks, major limbs and, if practicable, minor branches for use in rehabilitation of the Project Site.	Ongoing
	10.7 Directly transfer stripped soil materials onto rehabilitation areas, where practicable, to maximise the opportunity for retention of the natural seed stock, and thereby maximise the revegetation of the final landform with endemic species.	Ongoing
	10.8 Confine, where practicable, vehicular access to formed and marked roads and tracks and limit vehicle speeds within the Project Site to limit the potential for vehicle trauma to wildlife.	Ongoing
Undertake rehabilitation of the Project Site to provide for long-term conservation of native flora and fauna.	10.9 Revegetate the Project Site as described in Section 2.13.	As areas become available
	10.10 Ensure species used during rehabilitation operations are consistent with vegetation community types located within the vicinity of the area to be rehabilitated and are suitable for the proposed final landform and land use.	During rehabilitation activities
	10.11 Monitor all areas of progressive and final rehabilitation and undertake remedial action in the event that rehabilitation does not comply with the relevant completion criteria.	Ongoing
11. Cultural Heritage		
Minimise the potential for adverse Proposal-related impacts on Aboriginal and non-Aboriginal heritage values.	11.1 Should items of cultural heritage significance be discovered within the Project Site all reasonable efforts would be made to avoid impact to cultural heritage values. If impacts are unavoidable, mitigation measures would be negotiated with the appropriate parties.	Ongoing
Maintain appropriate records of identified indigenous heritage sites.	11.2 Should an item or site of cultural heritage significance be discovered the site would be appropriately registered within the AHIMS, with Tenterfield Shire Council or with the NSW Heritage Council along with the proposed management outcome for the site.	Ongoing
12. Soil and Land Resources		
Prevent excessive soil deterioration during stripping and transportation.	12.1 Soils would not be stripped or replaced during extremely wet or dry conditions and where possible soil stripping will be avoided between December and February each year.	Ongoing
Maximise the viability of soil resources for site rehabilitation.	12.2 Soil stockpiles would not exceed 2m in height.	Ongoing
	12.3 Soil stockpiles would be seeded and fertilised if natural regeneration is unsuccessful.	Ongoing

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Desired Outcome	Action	Timing
13. Visibility		
Retain the visual amenity of the surrounding landscape where possible to do so.	13.1 Maintain the orientation of the upper extraction face in a generally north-northeast orientation.	Ongoing
14. Socio-Economic		
Consider local sources of service and supply contractors	14.1 Continue to source local suppliers and service contractors from within the Tenterfield LGA where it is practicable to do so.	Ongoing

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