Section 5

Draft 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 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 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.

All parties involved in all phases of the Proposal would be required to undertake their work in accordance with the conditions of the development consent that will incorporate a final set of commitments.

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

HY-TEC INDUSTRIES PTY LIMITED

ENVIRONMENTAL IMPACT STATEMENT

Austen Quarry – Stage 2 Extension Project Report No. 652/18 Section 5 – Draft Statement of Commitments

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Table 5.1 **Draft Statement of Commitments**

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Desired Outcome	Action				Timing
	1. En	vironmental	Manageme	nt	
Compliance with all conditional	1.1 Comply with co	Continuous and as required.			
requirements in all approvals licences	1.2 Comply with al	I conditional	requirement	s included in the:	Ongoing.
and leases.	 Developme 	nt consent;			
	 Environmer 	nt Protection	Licence;		
	 Approval ur 	nder the EPB	C Act;		
	 Water Acce 	ess Licence; a	and		
	 any other a 	pprovals.			
		2. Area of A	ctivities		
All approved activities are undertaken generally in the location(s) nominated on the	2.1 Clearly mark the proposed external complacement a	Prior to the commencement of establishment and construction in the respective component area.			
figures shown in Sections 2 and 4.	2.2 Mark, and whe to the Biodivers	Within 6 months of approval of the Biodiversity Offset Area.			
		3. Operating	g Hours		
All operations are undertaken within	3.1 Undertake all ac with the followin	Continuous and as required.			
the approved operating hours.		Monday to Friday	Saturday	Sundays / Public Holidays	
	Blasting*	10:00am to 3:00pm	No Activity	No Activity	
	Extraction and Processing	6:00am to 10:00pm	6:00am to 3:00pm	No Activity	
	Loading Trucks and Product Despatch*	5:00am to 10:00pm	5:00am to 3:00pm	No Activity	
	Maintenance	24 hours/day	– Any day		
	* No change from existing	g operations			
		. Waste Man			I
Minimisation of general waste creation and maximisation of recycling, wherever	4.1 Place all paper and general wastes originating from the site office, together with routine maintenance consumables from the daily servicing of equipment in waste skip bins located adjacent to the site office and workshop.			Ongoing.	
possible.	Segregate waste into recyclables and non-recyclable materials for removal by a licensed contractor.				Ongoing.

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Desired Outcome	Action	Timing			
4. Waste Management (Cont'd)					
Minimisation of the potential risk of environmental impact due to waste creation, storage and/or disposal.	4.3 Ensure the appropriate storage and regular collection of industrial wastes including waste oils and scrap metal.	Monthly or on an as needs basis.			
	5. Rehabilitation and Biodiversity Offset Management				
The creation of a stable final landform, available for the proposed	5.1 Adopt a progressive approach to rehabilitation to ensure that areas are shaped and vegetated as soon as practicable, in particular the outer slopes of the overburden emplacement.	As areas become available.			
future use(s) of nature conservation and low intensity	5.2 Retain all soil and suitable cleared vegetation resources for use in rehabilitation of the final landform. See Commitments 6.1 to 6.11 for detail on management of soil resources.	Ongoing.			
agriculture.	5.3 Blend the created landforms and vegetation established with that of the surrounding topography in accordance with the quarry extraction plan (Figure 2.6 of the EIS).	Ongoing.			
	5.4 Include <i>Eucalyptus pulverulenta</i> in the revegetation of the Stage 2 Site.	During rehabilitation activities.			
	5.5 Undertake soil testing and chemical analyses to confirm the quality of the stockpiled material and inform the use of any fertiliser to be applied to the rehabilitated areas.	Prior to use in rehabilitation.			
	5.6 Re-instate the pre-disturbance soil and land capability in the area used for the secondary processing area and Yorkeys Creek stockpile area.	Ongoing and prior to quarry closure.			
Establish and manage a Biodiversity Offset Strategy.	5.7 Ensure that 94ha of retained vegetation is legally protected and managed within the property (see Figure 2.11 of the EIS) (or alternative offset package negotiated with and agreed to by OEH).	Within 12 months of receipt of project approval.			
	6. Land Resources				
Maximise the availability of soil resources for site rehabilitation.	6.1 Strip available soil to the depth where bedrock is encountered (0.6m to 1m) in all areas to be disturbed by extraction and overburden placement.	During soil stripping.			
Prevent excessive soil deterioration during stripping and transportation.	6.2 Avoid, where possible, soil stripping between December and February each year and during extremely dry or wet conditions.	During soil stripping.			
	6.3 Limit handling of stripped soils and place stripped soil directly onto dedicated stockpile area.	During soil stripping.			
	6.4 Ensure that the plant used for stripping operations would place their loads neatly and uniformly so the stockpile does not require further forming prior to establishment of vegetation cover.	During soil stripping.			

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Desired Outcome	Actio	n	Timing			
	6. Land Resources (Cont'd)					
Retention of soil viability until use in	6.5	Ensure soil stockpiles do not exceed 2m in height.	During soil stripping.			
rehabilitation.	6.6	Seed and fertilise stockpiles as soon as possible after emplacement.	During soil stripping.			
	6.7	Establish water diversion and sedimentation controls, where necessary, to ensure stockpiles are stabilised and maintained.	Ongoing.			
	6.8	Ensure machinery do not drive over stockpiles once created.	During soil stripping.			
	6.9	Install upslope water diversion drains to direct overland flows away from the soil stockpiles.	Prior to stockpile establishment.			
	6.10	Maintain an inventory of available soil materials.	Ongoing.			
Ensure sections of the Site with higher land capability are returned to agricultural use.	6.11	Provide for rehabilitation of the Secondary Processing Area and Yorkeys Creek stockpile area back to agricultural land.	Ongoing as available.			
		7. Traffic and Transport				
Transport operations are undertaken with	7.1	All transport contractors required to complete the Hy- Tec Chain of Responsibility: Driver Vehicle Check system.	Ongoing.			
minimal impact on other road users and residents.	7.2	Maintain a complaints management system to appropriately respond to any complaints received through investigation and implementation of corrective treatments.	Ongoing.			
	7.3	Monitor the delays for vehicles turning right onto the Great Western Highway at two-yearly intervals from 2022 onwards.	To begin in 2022.			
	7.4	Operate a Traffic Management Plan for all trucks entering and exiting Austen Quarry.	Within 12 months of receipt of approval.			
		8. Visibility				
Reduce the area of the Stage 2 Site	8.1	Implement design and sequencing measures (as described in Section 4.4.4.2 of the EIS), namely:				
exposed to surrounding vantage points.		 a) undertake the extraction area and overburden emplacement extensions in accordance with the limits noted on Figure 2.4 of the EIS and sequence generally as presented on Figure 2.6 of the EIS; 	Ongoing.			
		 retain the primary crusher in its current location within the Stage 1 extraction area; 	Ongoing.			
		 retain the visual screen provided by the Northern Ridge; and 	Ongoing.			
		d) restrict further extension of the secondary processing area and Yorkeys Creek stockpile area.	Ongoing.			



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Desired Outcome	Actio	n	Timing			
8. Visibility (Cont'd)						
Reduce the impact of the areas of quarry disturbance visible from surrounding	8.2	Implement management measures to limit impacts to visual amenity including the following.				
		 a) Complete a trial of short-term visual mitigation measures for the Yorkeys Creek stockpile area. 	Prior to May 2015.			
vantage points.		 b) Implement short-term visual mitigation measures for the Yorkeys Creek stockpile area. 	Prior to May 2016.			
		c) Progressive revegetation or rehabilitation of terminal faces of the extraction area and overburden emplacement and profiled slopes between the administration area and the extraction area.	Ongoing.			
		 d) Maintain existing visual barriers including retained northern face of extraction area and tree-lined visual barriers. 	Ongoing.			
		 e) Apply a bituminous film to reduce the contrast between the pale rhyolite and darker background vegetation on completed western facing slopes where necessary. 	Ongoing.			
		f) Minimise dust emissions through suppression measures such as regular watering of areas.	Ongoing.			
		g) Maintain the Site in a tidy and orderly manner.	Ongoing.			
		 Minimise the impacts of lighting by directing lights away from critical receptors (to the south and east) and minimise the 'lume' created by the lights. 	Ongoing.			
Monitor the progressive visual changes from nearby receptors.	8.3	Monitor the sequence of visual impacts using a series of annual photographs from vantage points within the most affected visual zones (as nominated in Section 4.4.2.3 of the EIS). These photos, along with a discussion as to compliance with the impact predicted, would be included in annual reporting.	Annually with Annual Return documentation.			
		9. Surface Water				
Update the quarry water management system to provide	9.1	Construct an additional sediment basin (SB3b) beyond the final toe of the overburden emplacement with a minimum storage capacity of 12.3ML.				
for water storage	9.2	Increase the storage capacity of SB2b to >4.5ML.				
and settlement to accommodate a 5-day 95 th %ile rainfall event (or provide for equivalent controls).	9.3	Construct a diversion weir between SD5 and SD6 to enable the overflow from SD5 to flow directly to Yorkeys Creek.	Within 6 months of approval being received.			
	9.4	Construct a diversion bank to divert clean water flow from the east around SD1 and SD2.				
	9.5	Install a combined 900mm and 1 050mm pipe outlet with control valve to enable operator controlled discharge from SB1.				
	9.6	Maintain a two-way pumping system between SB1 and SD2 / SD6 to enable accumulated water in SB1 to be removed and required storage capacity retained.	Ongoing.			



Table 5.1 (Cont'd) Draft Statement of Commitments

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Desired Outcome	Actio	n	Timing	
		9. Surface Water (Cont'd)		
Appropriately document water management	9.7	Prepare a Water Management Plan in accordance with the conditional requirements of approval.	Within 6 months of approval being received.	
measures including erosion and sediment control.	9.8	Ensure any off-site discharge is monitored and reported in accordance with EPL 12323.	In the event of off- site discharge.	
Capture of sediment-laden water flows from Proposal-related disturbance.	9.9	Ensure the capacity of the various sediment basins and water storages of the Site provides the required water settlement and sediment storage volumes (refer to Section 4.5.4.1 of the EIS).	Ongoing.	
Manage the discharge of water from the various	9.10	Apply procedures established in the Water Management Plan for the appropriate treatment of water that is to be discharged to natural drainage.		
sediment basins and storage dams.	9.11	Ensure appropriate testing is completed to verify the quality of the water is acceptable prior to discharged to natural drainage.	In the event off-site discharge is required.	
	9.12	Undertake sampling and analysis of water upstream and downstream of the discharge point at the time of discharge to demonstrate minimal or no impact on receiving water quality.	requirea.	
Surface water management structure integrity	9.13	Confirm the location and design specifications of erosion and sediment control structures in an Erosion and Sediment Control Plan (ESCP).	Within 6 months of approval being received.	
is maintained through life of the Proposal to prevent the	9.14	Review and update the ESCP to reflect any changes to the Site and planned or implemented erosion and sediment control measures.	Ongoing. Formal review at least every 5 years.	
uncontrolled discharge of sediment laden water from the	9.15	Design and construct all stormwater conveyance, retardation and diversion structures (including drains and bunds) for a 1 in 5 of 1 in 10 ARI design storm event	Ongoing.	
Site.	9.16	Rock and/or grass line all diversion drains, drainage channels and catch drains.	Ongoing.	
Surface water management structure integrity is maintained through life of the Proposal to prevent the uncontrolled discharge of sediment laden water from the Site. (Cont'd)	9.17	Inspect stormwater and erosion and sediment control structures following significant rainfall events against performance criteria established in Stormwater and Erosion and Sediment Control Monitoring and Maintenance Plan (refer to Table 4.15 of the EIS).	As required.	
	9.18	De-silt and repair sediment control devices as soon as practicable, if sediment retention capacity falls below 70% of its design capacity (e.g. following a high rainfall event).	As required.	
Prevention of hydrocarbon	9.19	Securely store all hydrocarbon products within designated and bunded areas.	Ongoing.	
contamination of water on the Site.	9.20	Refuel and maintain all equipment within designated areas of the Site, i.e. workshop area.	Ongoing.	



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Desired Outcome	Actio	n	Page 6 of 12
Desired Outcome	ACTIO		Timing
	T	10. Groundwater	
Prevention of groundwater	10.1	Securely store all hydrocarbon products within designated and bunded areas.	Ongoing.
contamination.	10.2	Refuel and maintain all equipment within designated areas of the Site, i.e. workshop area.	Ongoing.
Appropriately license any removal of	10.3	Obtain and maintain a Water Access Licence(s) for the volume of groundwater seepage into the extraction area annually.	Prior to commencement of development
groundwater.	10.4	Establish an analytical methodology for calculating annual 'take' of groundwater.	consent.
	10.5	Report annual 'take', based on the analytical methodology established in accordance with Commitment 10.4, to the NSW Office of Water.	Annual.
	10.6	Estimate annual 'take' of groundwater to ensure appropriate licensing is adopted.	Annual.
Ensure groundwater is available to all surrounding groundwater users.	10.7	Investigate any claim of a reduction in availability of groundwater resources as a result of Proposal-related activities. Develop replacement or compensatory measures where necessary.	Upon receipt of claim and/or complaint.
Undertake monitoring of local groundwater.	10.8	Install piezometers between the extraction area and the Coxs River to the east, and Yorkeys Creek to the west.	Within 6 months of approval of Water Management Plan.
	10.9	Monitor the standing water level within the piezometers at a frequency to be defined in the Water Management Plan for the Austen Quarry.	To be defined in the Water Management Plan.
	10.10	Monitor selected water quality parameters, to be defined in the Water Management Plan for the Austen Quarry	
	10.11	Report on the results of groundwater monitoring, including analyses of results and trends which could indicate impacts greater than predicted.	Annual.
		11. Terrestrial Ecology	
Avoid impacts on native flora and	11.1	Locate primary crushing station within extraction footprint.	Ongoing.
fauna.	11.2	Limit extent of extraction area to avoid core habitat areas of the Silver-leafed mountain gum.	Ongoing.
	11.3	Limit extent of the proposed extension to only the extraction and overburden emplacement areas without modifying processing or stockpiling areas.	Ongoing.
Minimise or mitigate unavoidable	11.4	Operate a conveyor between the primary crushing station and secondary processing area to limit transportation of raw materials.	Ongoing.
impacts on native flora and fauna.	11.5	Maintain a 10m buffer and exclusion zone around the proposed area of disturbance.	Ongoing.



Table 5.1 (Cont'd) Draft Statement of Commitments

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Desired Outcome	Action Page 7 of Timing				
Desired Guidonie	11. Terrestrial Ecology (Cont'd)	· · · · · · · · · · · · · · · · · · ·			
Minimise or mitigate	11.6 Fence, as appropriate, sections of the Stage 2 Site not required for ongoing operations.	Ongoing as needed.			
unavoidable impacts on native flora and fauna. (Cont'd)	11.7 Undertake vegetation clearing, where practicable, between April and September to limit adverse impacts on tree dependent avifauna and microchiropteran bats.	Ongoing.			
(Cont d)	11.8 Salvage tree trunks, major limbs and, if practicable, minor branches for use in rehabilitation. If material is stockpiled, signs would be erected noting the significance and importance of this material.	During Site preparation activities.			
	11.9 Revegetate the final landform in a manner so as to provide for the re-establishment of native vegetation communities over the overburden emplacement area, extraction area and secondary processing area.	Ongoing.			
	11.10 Include the Silver-leafed mountain gum in progressive revegetation of the final landform.	Ongoing.			
	11.11 Transfer soil onto rehabilitation areas as often as possible to maximise the opportunity for retention of the natural seed stock.	Ongoing.			
	11.12 Undertake weed control to remove/reduce weeds in soils prior to soil stripping activities and following revegetation to ensure native plants are not overgrown during their early periods of growth.	Ongoing.			
	11.13 Install appropriate erosion and sediment control measures prior to vegetation clearing activities (to reduce the potential for pollution of downstream riparian and aquatic habitat).	Ongoing.			
	11.14 Limit vehicle speeds within the Site to limit the potential for vehicle trauma to wildlife.	Ongoing.			
Offset impacts on biodiversity.	Refer to Commitment 5.7.				
	12. Aquatic Ecology				
Avoid, minimise or mitigate impacts as	12.1 Restrict disturbance to riparian zone to the nominated impact footprint of the Stage 2 Extension	Ongoing.			
a result of operational activities on aquatic biota and habitats.	12.2 Design and construct any ancillary development works, e.g. access roads, in the vicinity of watercourses in accordance with the NSW DPI Policy and Guidelines for Fish Habitat Conservation and Management	As required.			
	12.3 Minimise the occurrence of uncontrolled discharges of water by managing water in accordance with a Water Management Plan (refer to Commitment 9.7).	Ongoing.			
	12.4 A bunded area for storage of fuels, oils, refuelling and appropriate maintenance of vehicles and mechanical plant would be maintained.	Ongoing.			
	12.5 Procedures would be implemented to manage handling of hazardous material and spill response protocols.	Ongoing.			
	12.6 Install and maintain scour protection at pipe outlet points.	Ongoing.			



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Desired Outcome	Actio	n	Timing		
		13. Noise			
All activities are undertaken in a manner such that noise emissions do	13.1	Undertake processing operations with the current or equivalent crushing and screening plant.	Ongoing.		
	13.2	Develop the quarry extension as nominated in Figure 2.6 of the EIS.	Ongoing.		
not exceed intrusiveness criteria nor	13.3	Adhere to the nominated hours of operation (refer to Commitment 3.1).	Ongoing.		
significantly impact on neighbouring landowners and/or	13.4	Ensure all equipment on Site would have sound power levels at or below that nominated for noise modelling purposes (see <i>Table 5-1</i> of Benbow, 2014a).	Ongoing.		
residents.	13.5	Limit transportation noise by ensuring:			
		 All trucks under control of Hy-Tec, or accredited contractors would comply at all times with RMS noise limits. 	Ongoing.		
		b) All truck drivers would be required to sign a Code of Conduct that includes noise limiting behaviour.	Ongoing.		
		c) The maximum number of truck movements per hour and per day nominated in Section 2.8.3 of the EIS would be adhered to.	Ongoing.		
		 d) The internal road network would be graded, as required, to limit body noise from empty trucks 	Ongoing.		
	13.6	Maintenance work would be confined to standard daytime hours where practicable.	Ongoing.		
Noise generated by the Site is monitored and	13.7	Commission a program of attended noise monitoring to validate the predictions of the noise modelling and confirm compliance with operational noise criteria.	Within 12 months of approval being received.		
procedures developed to ensure compliance	13.8	Commission and complete a noise compliance assessment to review operational noise levels at Receiver R31 during periods of early morning drilling.	Within 12 months of approval being received.		
is maintained.	13.9	In the event of non-compliance at R31 (or other receiver(s)), implement additional restrictions on operations, potentially including prohibition of drilling before 8:00am during those months when inversion conditions prevail (nominally March to September). Should further non-compliance with criteria be recorded, alternative measures such as the use of mobile noise barriers, would be considered.	As required.		
	13.10	Notwithstanding unexpected results as a result of the monitoring of Commitment 13.7, further noise monitoring will be undertaken in response to substantiated noise-related complaint.	As required.		
	14. Air Quality				
Site activities are undertaken without exceeding the nominated air quality criteria.	14.1	Operate a water truck to supress dust during periods of extended dry weather and/or high winds, or when dust nuisance has the potential to occur as a result of quarrying activities.	Ongoing.		
	14.2	Ensure the secondary and tertiary crushers and all conveyors are shielded from the wind.	Ongoing.		

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Desired Outcome	Actio	n	Timing			
	14. Air Quality (Cont'd)					
Site activities are undertaken without exceeding the	14.3	Limit internal road dust lift off by:				
		 a) sealing the Quarry Access Road and grading internal roads, as required, with appropriate materials; 	Ongoing.			
nominated air quality criteria.		b) enforcing a 40km/hr speed limit on all internal roads;	Ongoing.			
(Cont'd)		 c) limiting load sizes to ensure that product does not extend over truck sidewalls; 	Ongoing.			
		d) avoiding spillage during truck loading; and	Ongoing.			
		 e) minimising dump heights from trucks, front-end loaders and conveyors. 	Ongoing.			
	14.4	As far as practicable schedule blasts to avoid higher wind conditions, especially when northerly, northwesterly or northeasterly winds prevail.	Ongoing.			
	14.5	Maintain a complaints management system to appropriately deal with complaints through investigation and implementation of corrective treatments.	Ongoing.			
	14.6	Avoid truck queuing, unnecessary idling and unnecessary trips through logistical planning.	Ongoing.			
Minimise greenhouse gas emissions from Site related	14.7	Minimise the impacts of greenhouse gases relating to diesel consumption by: a) minimising use of haul trucks through use of an overland conveyor;	Ongoing.			
activities.		b) minimising rehandling of overburden and products;	Ongoing.			
		 c) maintaining and servicing equipment to ensure efficiency; 	Ongoing.			
		 d) minimising the quarry footprint to reduce land disturbance and travel distances; and 	Ongoing.			
		e) optimising the design of the Processing Plant to	Ongoing.			
		 f) maximise the use of gravity to move material throughout the plant and maximise energy efficient motors in major equipment. 	Ongoing.			
Record and	14.8	Continue to monitor dust impacts through:				
monitor the local environment		a) the existing deposited dust gauges; and	Ongoing.			
regarding dust impacts.		 b) on-site meteorological monitoring to record relevant parameters. 	Ongoing.			
		15. Indigenous Heritage				
Minimise the potential for	15.1	Include Indigenous heritage protocols and obligations within training and induction processes for the quarry.	Ongoing.			
adverse Proposal- related impacts on indigenous heritage sites.	15.2	Halt all works in the immediate area if cultural objects are found and contact a suitably qualified archaeologist and Aboriginal community representative.	Ongoing.			
	15.3	Halt all works in the immediate area if human remains are found and contact NSW Police, Aboriginal community representative and OEH.	Ongoing.			
	15.4	Maintain reasonable efforts to avoid impacts to Aboriginal cultural heritage values at all stages of the development works	Ongoing.			



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Desired Outcome	Actio	n	Page 10 of 12 Timing
		15. Indigenous Heritage (Cont'd)	
Maintain appropriate records of identified indigenous heritage sites.	15.5	Complete an Aboriginal Site Impact Recording Form and submit it to the Aboriginal Heritage Management Information Management System (AHIMS) Registrar, for each AHIMS site that is harmed through the proposed development.	Upon discovery of a site of heritage significance.
		16. Historic Heritage	
Minimise the potential for	16.1	Halt all works in the immediate area if cultural object(s) are found.	
adverse Proposal- related impacts on historic heritage	16.2	Secure the location, e.g. through the installation of protective fencing, flagging with high visibility tape.	
sites.	16.3	Contact a suitably qualified archaeologist to determine the significance of the object(s).	Ongoing.
	16.4	Report discovery of relic (if advised of validity by archaeologist) in accordance within Section 146 of the Heritage Act 1977.	
	16.5	Do not recommence works within the secured area until advised by archaeologist.	
	16.6	Include the commitments of 16.1 to 16.4 within training and induction processes for the Site.	On induction of new personnel.
		17. Hazards	
Manage bush fire risks on site to	17.1	Ensure refuelling is undertaken within designated fuel bays and vehicles are turned off during refuelling.	Ongoing.
minimise the potential for property damage	17.2	Ensure no smoking policy is enforced in designated areas of the Site.	Ongoing.
or personnel injury.	17.3	Ensure fire extinguishers are maintained within site vehicles and refuelling areas.	Ongoing.
	17.4	Ensure that a water cart is available to assist in extinguishing any fire ignited.	Ongoing.
	17.5	Establish and maintain an Outer Protection Area around the administration area.	Ongoing.
	17.6	Maintain the access road to the extraction area such that safe passage is guaranteed should an emergency evacuation be required.	Ongoing.
	17.7	Maintain access to water contained within SD1 to SD6, as well as SB1 for use in fighting ember attack.	Ongoing.
	17.8	Complete appropriate training with site personnel in relation to fire-fighting tasks and procedures.	Ongoing.
	17.9	Ensure access is provided for Rural Fire Service and its and other emergency services' authority is recognised and assistance offered in the event of a bush fire.	Ongoing.

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Desired Outcome	Action	Timing				
	17. Hazards (Cont'd)					
Reduce risks of traffic accidents on roads used by Proposal-related	17.10 Ensure route selection for delivery of quarry products follows routes designated in Section 4.13.3.2 of the EIS for entry and exit to the Site, transportation through the Blue Mountains and local deliveries of products.	Ongoing.				
traffic.	17.11 Operate a Traffic Management Plan for all trucks entering and exiting Austen Quarry.	Within 6 months of receipt of approval.				
	17.12 Continue to implement the Chain of Responsibility – Driver Vehicle Check system for all transportation activities undertaken at the Site.	Ongoing.				
All hazardous materials are appropriately	17.13 All diesel fuel, oils and lubricants would be stored within a bunded and covered storage shed.	Ongoing				
stored to ensure safety and reduce the potential for	17.14 Store diesel fuel in double-skinned tanks to reduce the risk of rupture.	Ongoing.				
spills and leakage.	17.15 Complete appropriate training of quarry personnel regarding correct refuelling and vehicle maintenance.	Ongoing.				
	17.16 Ensure transport and management of ammonium nitrate by an accredited blast contractor.	Ongoing.				
All members of the public are safe when near the Austen Quarry.	17.17 Implement measures to ensure the safety of public including visitors, contractors and employees through recruitment, induction and training programs.	Ongoing.				
Measures to be put in place to, where	17.18 Ensure gate at entrance on Jenolan Caves Road is locked outside standard operating hours.	Ongoing.				
possible, restrict unauthorised entry and reduce the risk	17.19 Use of locks on equipment when site personnel are not working on or with this equipment or plant.	Ongoing.				
of accident to any trespasser on the	17.20 Installation and maintenance of safety signage around the Site and perimeter fencing, where necessary.	Ongoing.				
Site.	17.21 Instruct all visitors entering and departing the Site to visit either the Site office or weighbridge for registration including time of arrival and departure, and an induction, if required.	Ongoing.				
	17.22 Install appropriate controls to ensure the stability of the open cut, overburden emplacement and stockpiles.	Ongoing.				
	18. Socio-economic Setting					
Continue to proactively consult with members of the community affected by the Proposal.	18.1 Maintain the existing 'open door' policy for community members to approach the management staff of the Austen Quarry.	Ongoing.				
	18.2 Maintain the existing community complaints and response system.	Ongoing.				
Consider local sources of service and supply contactors	18.3 Seek local supply and service contractors from within the Lithgow LGA where it is practicable to do so.	Ongoing.				



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Desired Outcome	Actic	on	Timing
		19. Documentation	
To provide site personnel with the necessary guidance on the	19.1	Prepare a Rehabilitation Management Plan	
	19.2	Prepare a plan to manage the implementation of the biodiversity offset strategy.	Within 12 months
expectations of Hy-	19.3	Prepare an Environmental Management Strategy.	of receipt of approval (or as
Tec management,	19.4	Prepare or update an Air Quality Management Plan.	specified in
the NSW Government and	19.5	Prepare or update a Noise Management Plan.	conditions of
Lithgow City	19.6	Prepare or update a Blast Management Plan.	development consent).
Council to achieve the required level	19.7	Prepare or update a Water Management Plan.	
of environmental performance.	19.8	Prepare or update a Traffic Management Plan.	
	19.9	Prepare an Annual Environmental Management Report.	
	19.10	Annual Production Statistics to the DTIRIS (Division of Resources and Energy).	Annually.