



Appendix 3

Coverage of Secretary's Environmental Assessment Requirements and Requirements of Consulted Government Agencies

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Table A3.1
Coverage of Secretary's Environmental Assessment Requirements in the EIS

Paraphrased Relevant Requirement	Relevant EIS Section(s)
GENERAL REQUIREMENTS	
The EIS must include: <ul style="list-style-type: none"> • an executive summary; 	Executive Summary
<ul style="list-style-type: none"> • a comprehensive description of the development, including: <ul style="list-style-type: none"> – a detailed site description and history of any previous quarrying on the site, including a current survey plan; 	Sections 1 & 2
<ul style="list-style-type: none"> – identification of the resource, including the amount, type, composition; 	2.3.1
<ul style="list-style-type: none"> – the layout of the proposed works and components (including any existing infrastructure that would be used for the development); 	2.2
<ul style="list-style-type: none"> – an assessment of the potential impacts of the development as well as any cumulative impacts, including the measures that would be used to minimise, manage or offset these impacts; 	Section 5
<ul style="list-style-type: none"> – a detailed rehabilitation plan for the site; 	2.12
<ul style="list-style-type: none"> – any likely interactions between the development and any existing/approved developments and land uses in the area, paying particular attention to potential land use conflicts with nearby residential development; 	Section 5
<ul style="list-style-type: none"> – a list of any other approvals that must be obtained before the development may commence; 	2.1.3
<ul style="list-style-type: none"> – the permissibility of the development, including identification of the land use zoning of the site; 	3.5.1
<ul style="list-style-type: none"> – identification of sensitive receivers likely to be affected by the development using clear maps/plans, including key landform areas, such as conservation areas and waterways; 	4.3
<ul style="list-style-type: none"> • a conclusion justifying why the development should be approved, taking into consideration: <ul style="list-style-type: none"> – alternatives; 	Section 7
<ul style="list-style-type: none"> – the suitability of the site; 	
<ul style="list-style-type: none"> – the biophysical, economic and social impacts of the project, having regard to the principles of ecologically sustainable development; and 	
<ul style="list-style-type: none"> – whether the project is consistent with the objects of the <i>Environmental Planning and Assessment Act 1979</i>; and 	
<ul style="list-style-type: none"> • a signed declaration from the author of the EIS, certifying that the information contained within the document is neither false nor misleading. 	Page iii
In addition, the EIS must assess the development against the <i>Narrandera Local Environmental Plan (LEP) 2013</i> and any relevant development control plans/strategies.	3.5

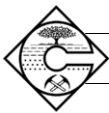


Table A3.1 (Cont'd)
Coverage of Secretary's Environmental Assessment Requirements in the EIS

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Paraphrased Relevant Requirement	Relevant EIS Section(s)
CONSULTATION	
In preparing the EIS for the development, you should consult with relevant local, State or Commonwealth Government authorities, infrastructure and service providers and any surrounding landowners or Crown land stakeholders that may be impacted by the development.	1.10
The EIS must describe the consultation that was carried out, identify the issues raised during this consultation, and explain how these issues have been addressed in the EIS.	1.10
NOISE AND VIBRATION	
include a quantitative assessment of potential:	
<ul style="list-style-type: none"> construction and operational noise and off-site transport noise impacts of the development in accordance with the <i>Interim Construction Noise Guideline, NSW Noise Policy for Industry and NSW Road Noise Policy</i> respectively; 	5.3
<ul style="list-style-type: none"> reasonable and feasible mitigation measures to minimise noise emissions; and 	5.3.4
<ul style="list-style-type: none"> monitoring and management measures; 	5.3.4 5.3.7
Blasting and Vibration – including:	5.3
<ul style="list-style-type: none"> a description of the proposed blasting hours, frequency and methods; and 	2.11 2.5.4
<ul style="list-style-type: none"> an assessment of the likely blasting and vibration impacts of the development, having regard to the relevant ANZEC guidelines and paying particular attention to impacts on people, buildings, livestock, infrastructure and significant natural features 	5.3
AIR	
<ul style="list-style-type: none"> including an assessment of the likely air quality impacts of the development in accordance with the <i>Approved Methods for the Modelling and Assessment of Air Pollutants in NSW</i>. The assessment is to give particular attention to potential dust impacts on any nearby private receivers due to construction activities, the operation of the quarry and/or road haulage; 	5.2
WATER	
<ul style="list-style-type: none"> a detailed site water balance and an assessment of any volumetric water licensing requirements, including a description of site water demands, water disposal methods (inclusive of volume and frequency of any water discharges), water supply infrastructure and water storage structures; 	5.4.3.3
<ul style="list-style-type: none"> identification of any licensing requirements or other approvals required under the <i>Water Act 1912</i> and/or <i>Water Management Act 2000</i>; 	5.4.3.2.1
<ul style="list-style-type: none"> demonstration that water for the construction and operation of the development can be obtained from an appropriately authorised and reliable supply in accordance with the operating rules of any relevant Water Sharing Plan (WSP) 	5.4.3.3 5.4.3.2 5.4.3.1
<ul style="list-style-type: none"> a description of the measures proposed to ensure the development can operate in accordance with the requirements of any relevant Water Sharing Plan or water source embargo; 	
<ul style="list-style-type: none"> an assessment of activities that could cause erosion or sedimentation issues, and the proposed measures to prevent or control these impacts; 	
<ul style="list-style-type: none"> an assessment of any likely flooding impacts of the development; 	
<ul style="list-style-type: none"> an assessment of potential impacts on the quality and quantity of existing surface and ground water resources; 	5.4.3.4 5.4.2.3



Table A3.1 (Cont'd)
Coverage of Secretary's Environmental Assessment Requirements in the EIS

Paraphrased Relevant Requirement	Relevant EIS Section(s)
WATER (Cont'd)	
<ul style="list-style-type: none"> a detailed description of the proposed water management system, water monitoring program and other measures to mitigate surface and groundwater impacts; 	5.4.3.2 5.4.2.2
BIODIVERSITY	
<ul style="list-style-type: none"> accurate predictions of any vegetation clearing on site; 	5.5
<ul style="list-style-type: none"> a detailed assessment of the potential biodiversity impacts of the development, paying particular attention to threatened species, populations and ecological communities and groundwater dependent ecosystems undertaken in accordance with Sections 7.2 and 7.7 of the <i>Biodiversity Conservation Act 2016</i>; and 	5.5
<ul style="list-style-type: none"> a detailed description of the proposed measures to maintain or improve the biodiversity values of the site in the medium to long term, as relevant. 	5.5.4
HERITAGE	
<ul style="list-style-type: none"> an assessment of the potential impacts on Aboriginal heritage (cultural and archaeological), including evidence of appropriate consultation with relevant Aboriginal communities/parties and documentation of the views of these stakeholders regarding the likely impact of the development on their cultural heritage; and 	5.6
<ul style="list-style-type: none"> identification of Historic heritage in the vicinity of the development and an assessment of the likelihood and significance of impacts on heritage items, having regard to the relevant policies and guidelines listed in Attachment 1; 	5.6
TRAFFIC AND TRANSPORT	
<ul style="list-style-type: none"> accurate predictions of the road traffic generated by the construction and operation of the development, including a description of the types of vehicles likely to be used for transportation of quarry products; 	2.7
<ul style="list-style-type: none"> an assessment of potential traffic impacts on the capacity, condition, safety and efficiency of the local and State road networks, detailing the nature of the traffic generated, transport routes, traffic volumes and potential impacts on local and regional roads; 	5.1
<ul style="list-style-type: none"> a description of the measures that would be implemented to maintain and/or improve the capacity, efficiency and safety of the road network (particularly the proposed transport routes) over the life of the development; 	5.1.4
<ul style="list-style-type: none"> evidence of any consultation with relevant roads authorities, regarding the establishment of agreed contributions towards road upgrades or maintenance; and 	1.10.2
<ul style="list-style-type: none"> a description of access roads, specifically in relation to nearby Crown roads and fire trails; 	2.7.1
LAND RESOURCES	
<ul style="list-style-type: none"> potential impacts on soils and land capability (including potential erosion and land contamination) and the proposed mitigation, management and remedial measures (as appropriate); 	5.7 5.7.3
<ul style="list-style-type: none"> potential impacts on landforms (topography), paying particular attention to the long-term geotechnical stability of any new landforms (such as overburden dumps, bunds etc); and 	2.12
<ul style="list-style-type: none"> the compatibility of the development with other land uses in the vicinity of the development, in accordance with the requirements of Clause 12 of <i>State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007</i>; 	3.4

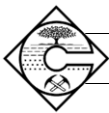


Table A3.1 (Cont'd)
Coverage of Secretary's Environmental Assessment Requirements in the EIS

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Paraphrased Relevant Requirement	Relevant EIS Section(s)
HAZARDS AND WASTE	
<ul style="list-style-type: none"> Waste – including estimates of the quantity and nature of the waste streams that would be generated or received by the development and any measures that would be implemented to minimise, manage or dispose of these waste streams; 	2.8
<ul style="list-style-type: none"> Hazards – including an assessment of the likely risks to public safety, paying particular attention to potential bushfire risks, and the transport, storage, handling and use of any hazardous or dangerous goods; 	5.9
VISUAL AMENITY	
<ul style="list-style-type: none"> including an assessment of the likely visual impacts of the development on private landowners in the vicinity of the development and key vantage points in the public domain, including with respect to any new landforms; 	5.8
SOCIAL AND ECONOMIC	
<ul style="list-style-type: none"> an assessment of the likely social and economic impacts of the development, including consideration of both the significance of the resource and the costs and benefits of the project; and 	5.10
REHABILITATION	
<ul style="list-style-type: none"> a detailed description of the proposed rehabilitation measures that would be undertaken throughout the development and during quarry closure; 	2.12
<ul style="list-style-type: none"> a detailed rehabilitation strategy for the site, including justification for the proposed final landform and consideration of the objectives of any relevant strategic land use plans or policies; and 	2.12
<ul style="list-style-type: none"> the measures that would be undertaken to ensure sufficient financial resources are available to implement the proposed rehabilitation strategy, recognising that a rehabilitation bond will likely be required as a condition of any future development consent. 	2.12



Table A3.2
Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

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Agency / Organisation	Paraphrased Relevant Requirement	Relevant EIS Section(s)
DPI Fisheries 14 June 2019	No comments	N/A
WaterNSW – 13 August 2019	No comments	N/A
Resources Regulator 26 June 2019	<ul style="list-style-type: none"> The proposed development is not a mining operation and does not involve the extraction of material classified as a mineral under Schedule 1 of the Mining Regulation 2016. In addition, the land comprising the proposed development is not the subject of a mining lease granted pursuant to the <i>Mining Act 1992</i>. The Resources Regulator has not identified any matter that would require further comment. 	Noted
GENERAL ISSUES		
DoI – Crown Land 21 June 2019	There are no objections to the proposal expansion however the proponent must not impact on the existing Trig Point located along the southern boundary of Lot 134 DP 726537 and comply with existing Extractive Licence conditions.	5.6.5
NSW DPI – Agriculture 11 June 2019	The EISs for these extractive industry proposals must consider any surrounding agricultural Industries and resources as potential receptors of identified impacts.	3.4 3.5.1.1
	Detail that the quarry is consistent with strategic plans and zone requirements.	3.5
	Complete a Land Use Conflict Risk Assessment (LUCRA) to identify potential land use conflict, in particular relating to separation distances and management practices to minimise odour, dust and noise from sensitive receptors. A LUCRA is described in the DPI Land Use Conflict Risk Assessment Guide.	5.7.4
	Include a map to scale showing the above operational and infrastructure details including separation distances from sensitive receptors.	4.3
	Consider possible cumulative effects to agricultural enterprises and landholders.	Section 5
	Detail the expected life span of the proposed development.	2.11
Environment Protection Authority (EPA) 12 June 2019	The EIS must outline the proposed monitoring regime to be implemented in relation to the following potential impacts, where relevant.	
	<ul style="list-style-type: none"> air quality and particulate matter, 	5.2.6
	<ul style="list-style-type: none"> operational noise, 	5.3.7.1
	<ul style="list-style-type: none"> blasting, 	5.3.7.2
	<ul style="list-style-type: none"> vibration, and 	5.3.7.2
<ul style="list-style-type: none"> waste and wastewater 	5.4.3.5	

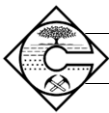


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Agency / Organisation	Paraphrased Relevant Requirement	Relevant EIS Section(s)
GENERAL ISSUES (Cont'd)		
NSW Office of Environment & Heritage 20 June 2019	The assessment must include all ancillary infrastructure associated with the project such as roads, water and power supplies and Rural Fire Service requirements for asset protection.	Noted
	The objectives of the proposal should be clearly stated and identify:	2.1
	<ul style="list-style-type: none"> the size, scale and type of the proposed activity / development; 	Section 5
	<ul style="list-style-type: none"> all anticipated environmental impacts including: direct and indirect; construction and operational; and extent of vegetation / habitat clearing or disturbance; 	5.5
	<ul style="list-style-type: none"> threatened species, populations, ecological communities or habitats impacted upon; 	2.5.3
	<ul style="list-style-type: none"> the staging and timing of the proposal; and the proposal's relationship to any other proposals and developments. <p>Please note that because the Strontian Quarry is a matter which requires consent under the Environmental Planning and Assessment Act 1979, the clearing provisions of the Local Land Services Act 2013 and the State Environmental Planning Policy (Vegetation in Non-Rural Areas) 2017, do not permit clearing associated with or ancillary to the activity regardless of zone.</p>	4.3.2
NSW Natural Resources Access Regulator 29 July 2019	<ul style="list-style-type: none"> A statement of where each element of the SEARs is addressed in the EIS in the form of a table. 	Noted
NSW DPIE – Division of Resources and Geoscience 4 July 2019	All environmental reports (EIS or similar) accompanying Development Applications for extractive industry lodged under the <i>Environmental Planning & Assessment Act</i> 1979 should include a resource assessment which:	Tables A3.1 and A3.2
	<ul style="list-style-type: none"> Documents the size and quality of the resource and demonstrates that both have been adequately assessed; and 	2.3.1
	<ul style="list-style-type: none"> Documents the methods used to assess the resource and its suitability for the intended applications. 	2.3.1
	The above information should be summarised in the EIS. with full documentation appended. If deemed commercial-in-confidence. the resource assessment summary included in the EIS should commit to providing the Division with full resource assessment documentation separately.	2.3.1
	In order to assist in the collection of construction material production data, the proponent should be required to provide annual production data for the subject site to the NSW Division of Resources and Geoscience as a condition of any new or amended development consent.	Noted



Table A3.2 (Cont'd)
Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

Agency / Organisation	Paraphrased Relevant Requirement	Relevant EIS Section(s)
LAND RESOURCES		
NSW DPI – Agriculture 11 June 2019	Describe the current and potential <i>Important Agricultural Land</i> on the proposed development site and surrounding locality including the land capability and agricultural productivity.	5.7
	Demonstrate that all significant impacts on current and potential agricultural developments and resources can be reasonably avoided or adequately mitigated.	Section 5
Environment Protection Authority (EPA) 12 June 2019	The potential impact of land erosion from the development is mitigated.	5.4.3.2
HAZARDS AND WASTE		
NSW DPI – Agriculture 11 June 2019	Risk assessment level and mitigation plan developed to address bush fire risk.	5.9.2
	Contingency plans should be developed to enable the operation to deal with emergency situations. Commitment to the preparation of an Emergency Management Plan that outline procedures and responsibilities for responding to bushfire threats, and possible mass mortality events which might results from extreme climatic conditions, routine or emergency animal disease outbreaks.	5.9
Environment Protection Authority (EPA) 12 June 2019	Describe the management strategies for the treatment and processing/utilisation of all wastes proposed to be received at the facility.	2.8
	The goals of the project should include the following. <ul style="list-style-type: none"> • No pollution of land, except to the extent authorised by EPA (i.e. in accordance with an Environment Protection Licence); • It is in accordance with the principles of the waste hierarchy and cleaner production; • Where potential impacts associated with the handling, processing and storage of all waste materials generated at the premises are identified, these be satisfactorily mitigated; • The beneficial reuse of all wastes generated at the premises are maximised where it is safe and practical to do so; and • No waste disposal occurs on site except in accordance with an Environment Protection Licence 	2.8
	The goal of the project should be to ensure that environmental risks from manure composting are minimised. The EIS needs to identify the proposed type, quantity and location of wastes to be stored and/or processed at the site.	2.8
	Spill management measures, including items such as bunding, and emergency procedures should be clearly outlined.	5.9.3

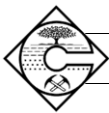


Table A3.2 (Cont'd)
Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

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Agency / Organisation	Paraphrased Relevant Requirement	Relevant EIS Section(s)
HAZARDS AND WASTE (Cont'd)		
NSW Rural Fire Service 21 June 2019	<p>The environmental assessment for the proposed expansion of the Strontian Quarry should address the following bush fire criteria:</p> <ul style="list-style-type: none"> • the aims and objectives of Planning for <i>Bush Fire Protection 2006</i>; • identification of potential ignition sources during construction and operation of the development; • storage of fuels and other hazardous materials; • proposed bush fire protection measures for the development, including vegetation management and fire suppression capabilities; • operational access for fire fighting appliance to the site; and • emergency and evacuation planning. 	5.9.2
WATER		
NSW DPI – Agriculture 11 June 2019	Estimated water demand and water availability should be clearly outlined in the proposal. The source of water and any sanitisation methods to be detailed in the application.	5.4.3.3
	Outline any impacts to water use from agriculture and mitigation measures required.	5.4.3.3
	<p>Proposed development design, operation and by-product management should be undertaken to avoid nutrient and sediment build up and minimise erosion, off site surface water movement and groundwater accession.</p> <p>The proposal should detail how design and operation will be undertaken for by-product management in accordance with best practice to prevent excess build-up of nutrients and salts in the soil profile and increase the risk of leaching. A monitoring program should be developed.</p>	5.4.3.2
Environment Protection Authority (EPA) 12 June 2019	<p>The goals of the project should include the following.</p> <ul style="list-style-type: none"> • No pollution of waters (including surface and groundwater), except to the extent authorised by EP[^] (Le in accordance with an Environment Protection Licence); 	5.4.3.2
	<ul style="list-style-type: none"> • Polluted water (including effluent, process waters, wash down waters, polluted stormwater or sewage) is captured on the site and collected, treated and beneficially reused, where this is safe and practicable to do so; 	5.4.3.2
	<ul style="list-style-type: none"> • It is acceptable in terms of the achievement or protection of the River Flow Objectives and Water Quality Objectives 	5.4.3.2
	<p>The EIS should document the measures that will achieve the above goals.</p> <p>Details of the site drainage and any natural or artificial waters within or adjacent to the development must be identified and where applicable measures proposed to mitigate potential impacts of the development on these waters.</p>	5.4.3.2
	<p>The EIS should provide details of any water management systems for the site to ensure surface and ground waters are protected from contaminants.</p>	4.1 5.4.3.2



Table A3.2 (Cont'd)
Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

Page 5 of 11

Agency / Organisation	Paraphrased Relevant Requirement	Relevant EIS Section(s)
WATER (Cont'd)		
NSW Natural Resources Access Regulator 29 July 2019	Proposed water licensing requirements in accordance with the <i>Water Act 1912/Water Management Act 2000</i> (whichever is relevant). This is to demonstrate that existing licences and/or approvals and licensed uses are appropriate, and to identify where additional licences and/or approvals are required.	5.4.3.2.1
	The identification of an adequate and secure water supply for the life of the project. Confirmation that water can be sourced from an appropriately authorised and reliable supply.	5.4.3.3
	A detailed and consolidated site water balance.	5.4.3.3
	Assessment of impacts on surface and groundwater sources (both quality and quantity), related infrastructure, adjacent licensed water users, basic landholder rights, watercourses, riparian land, and groundwater dependent ecosystems, and measures proposed to reduce and mitigate these impacts.	5.4.2 5.4.3
	Proposed surface and groundwater monitoring activities and methodologies.	5.4.3.5 5.4.2.4
	Assessment of any potential cumulative impacts on water resources, and any proposed options to manage the cumulative impacts.	5.4
	Full technical details and data of all surface and groundwater modelling.	N/A
	Details of licensing requirements under the <i>Water Management Act 2000</i> or the <i>Water Act 1912</i> .	5.4.3.2.1
	Where groundwater may be intercepted or impacted a detailed assessment against the NSW Aquifer Interference Policy (2012) using DoI Water's assessment framework. Justification is required to support a statement that groundwater is not to be intercepted.	5.4.2.1
	Detailed design of overburden storage and treatment, including an erosion sediment control plan for runoff.	5.4.3.2
BIODIVERSITY		
NSW DPI – Agriculture 11 June 2019	Include a biosecurity (pests & weeds) risk assessment outlining the likely plant, animal and community risks.	Appendix 8
	Develop a biosecurity response plan to deal with identified risks as well as contingency plans for any failures. Including monitoring and mitigation measures in weed and pest management plans.	Appendix 8
NSW Office of Environment & Heritage 20 June 2019	Include threatened species impacts not associated with vegetation communities such as scattered paddock trees and increased road traffic.	5.5 Appendix 8
	Negative impacts on native vegetation should be avoided where possible using prevention and mitigation measures. Where impacts cannot be avoided, the EIS should detail how they will be remedied through biodiversity offsetting, including quantification of impacts and assessment of the value of offset areas, protection mechanisms and associated management regimes for those areas.	5.5 5.5.4 2.13
	Appropriate measures to avoid, minimise and mitigate any impacts on vegetation and 'threatened species habitat should be set out in the EIS.	5.5 2.13 7.1.1

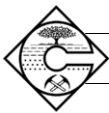


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Agency / Organisation	Paraphrased Relevant Requirement	Relevant EIS Section(s)
BIODIVERSITY (Cont'd)		
NSW Office of Environment & Heritage 20 June 2019 (Cont'd)	We recommend that the applicant provide evidence that any clearing associated with or ancillary to the activity is not likely to significantly affect threatened species, threatened ecological communities or their habitats. At a minimum that evidence should take the form of a Test of Significances according to the Minister's Guidelines: https://www.environment.nsw.gov.au/-/media/OEH/CorporateSite/Documents/Animals-and-plants/Threatened-species/threatened-species-test-significanceguidelines-170634.pdf	5.5 2.13 7.1.1
	If impacts on biodiversity are likely to be significant then the applicant must mitigate these impacts through the Biodiversity Offset Scheme according to the Biodiversity Conservation Act, namely a Biodiversity Development Assessment Report	2.13
	The applicant should also apply the Biodiversity Offset Scheme Entry Threshold tool (BOSET) and submit the report with the application.	Appendix 8
	Where the proposal is likely to significantly affect threatened species within the meaning of Section 7.2 of the Biodiversity Conservation Act 2016, the application for development consent is to be accompanied by a Biodiversity Development Assessment Report, and the following requirements apply: <ul style="list-style-type: none"> Biodiversity impacts related to the proposal are to be assessed in accordance with the Biodiversity Assessment Method and documented in a Biodiversity Development Assessment Report (BDAR). The BDAR must include information in the form detailed in the Biodiversity Conservation Act 2016 (s6.12), Biodiversity Conservation Regulation 2017 (s6.8) and Biodiversity Assessment Method. 	Appendix 8
	<ul style="list-style-type: none"> The BDAR must document the application of the avoid, minimise and offset hierarchy including assessing all direct, indirect and prescribed impacts in accordance with the Biodiversity Assessment Method. 	Appendix 8
	<ul style="list-style-type: none"> The BDAR must include details of the measures proposed to address the offset obligation as follows: <ul style="list-style-type: none"> The total number and classes of biodiversity credits required to be retired for the proposal. The number and classes of like-for-like biodiversity credits proposed to be retired. The number and classes of like-for-like biodiversity credits proposed to be retired in accordance with the variation rules. Any proposal to fund a biodiversity conservation action. Any proposal to make a payment to the Biodiversity Conservation Fund. 	Appendix 8
	If seeking approval to use the variation rules, the BDAR must contain details of the reasonable steps that have been taken to obtain requisite like-for-like biodiversity credits.	



Table A3.2 (Cont'd)
Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

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Agency / Organisation	Paraphrased Relevant Requirement	Relevant EIS Section(s)
BIODIVERSITY (Cont'd)		
NSW Office of Environment & Heritage 20 June 2019 (Cont'd)	<ul style="list-style-type: none"> The BDAR must be prepared by a person accredited in accordance with the Accreditation Scheme for the Application of the Biodiversity Assessment Method Order 2017 under S6.10 of the <i>Biodiversity Conservation Act 2016</i>. 	Appendix 8
	Regarding the Commonwealth <i>Environment Protection and Biodiversity Conservation Act 1999</i> , the REF should identify any relevant Matters of National Environmental Significance, whether the proposal has been referred to the Australian Government or whether it is already determined to be a controlled action.	Appendix 8
TRAFFIC AND TRANSPORTATION		
Narrandera Shire Council 21 August 2019	<p>School bus safety is a risk matter that needs to be carefully considered. It is likely the bus would pass one of the gravel trucks a couple of times per week. When passing, the bus and the truck will be potentially moving at relatively low speed due to approaching or departing the highway intersection at the time. The road at this location has sufficient width for two vehicles to pass, however for school bus safety the developer would be required to fund the following works:</p> <ul style="list-style-type: none"> the road shoulders of this section of road be carefully graded extra gravel be placed on the shoulders 1 metre extra bitumen width be added each side 	2.4.8 5.1.3 5.1.5
	<p>The developer would be required to fund the following works between 50m south of the quarry entrance up to the highway intersection (total approximately 300 metres) to safely accommodate the additional truck movements:</p> <ul style="list-style-type: none"> Each side of the road to have 2 metre width of shoulder graded smooth and level to the bitumen with additional gravel brought in as required Each side of the road to have 1 metre additional width of bitumen seal placed, making total bitumen width about 8 metres At the entrance to quarry the seal and gravel shoulder to curve into the driveway such that large trucks will keep their wheels on the bitumen 	2.4.8 5.1.3 5.1.5
	Council anticipates additional wear on the 250m section of Strontian Rd up to the highway, especially where the trucks are turning. Council recommends an assessment be undertaken prior to the development followed by routine monitoring. If damage is noted within this section of road, it would be appropriate to ask the developers to contribute to the repair cost. Council notes the current operators have proven to be good corporate citizens in the past and have quickly assisted with such matters at other locations within the shire.	2.4.8 5.1.5
NSW DPI – Agriculture 11 June 2019	Consideration of the route for movements needs to be taken in to account so that impacts on sensitive receptors are minimised (e.g. noise, dust, volume of traffic). This should include consideration of Travelling Stock Reserves 1 (TSR) and the movement of livestock or farm vehicles along / across the affected roads.	5.1

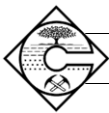


Table A3.2 (Cont'd)
Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

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Agency / Organisation	Paraphrased Relevant Requirement	Relevant EIS Section(s)
TRAFFIC AND TRANSPORTATION (Cont'd)		
Roads & Maritime Services 20 June 2019	The impacts of the proposed development, including additional traffic generation rate, needs to consider the impacts due to the increased from the approved rate to the proposed 125,000 tonnes per annum.	5.1
	A Traffic Impact Assessment (TIA) should be prepared to outline measures to address and manage traffic related Issues generated by the development. The documentation submitted should address the potential impacts on the road network associated with the development during the lifetime of the project. the works required to the existing road infrastructure the measures to be implemented to maintain the standard and safety of the of the road network. and the procedures to monitor and ensure compliance. A Transport Management Plan and Driver Code of Conduct may be required to outline measures to manage traffic related issues generated by the development.	5.1
	Any Traffic Impact Assessment needs to address the impacts of traffic generated by this development upon the nearby road network, particularly -intersections.	5.1
	As a minimum the TIA is to address the existing and anticipated additional traffic generation on the surrounding road network, peak traffic volumes, vehicle types travel routes for vehicles accessing the site and provide recommendations for any mitigation measures such as intersection upgrades, considered necessary to address traffic related impacts.	5.1
	Roads and Maritime emphasises the need to appropriately consider and minimise the impacts on the development on the existing road network and maintain the level of safety, efficiency and maintenance along the existing road network.	5.1
VISUAL AMENITY		
NSW DPI – Agriculture 11 June 2019	Amenity impacts are assessed and any necessary response to mitigate visual impacts is described and illustrated.	5.8
REHABILITATION		
NSW DPI – Agriculture 11 June 2019	Develop Rehabilitation and Decommissioning/Closure Plans that describes the design criteria of the final land use and landform along with the expected timeline for the rehabilitation program.	2.12
	Outline monitoring and mitigation measures to be adopted for rehabilitation remedial actions.	2.12
NSW Natural Resources Access Regulator 29 July 2019	Details of the final landform of the site, including final void management (where relevant) and rehabilitation measures.	2.12



Table A3.2 (Cont'd)
Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

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Agency / Organisation	Paraphrased Relevant Requirement	Relevant EIS Section(s)
CONSULTATION		
NSW DPI – Agriculture 11 June 2019	Consult with relevant agencies such as on the design, construction and operation of the proposed infrastructure.	1.10
	Consult with the owners / managers of affected and adjoining neighbours and agricultural operations in a timely and appropriate manner about; the proposal, the likely impacts and suitable mitigation measures and compensation.	1.10
	Establish a complaints register that includes reporting and investigating procedures and timelines, and liaison with Council in relation to complaint issues.	1.8.2
NSW DPIE – Division of Resources and Geoscience 4 July 2019	The Division would appreciate the opportunity for early consultation in relation to the proposed location of any biodiversity offset areas (both on and off site) or any supplementary biodiversity measures to ensure there is no consequent reduction in access to prospective land for mineral exploration, or potential for sterilisation of mineral or extractive resources. Queries regarding the above information should be directed to the Division of Resources & Geoscience - Land Use team at landuse.minerals@geoscience.nsw.gov.au.	2.13
AIR QUALITY		
Environment Protection Authority (EPA) 12 June 2019	The goals of the project in relation to air quality should be to ensure sensitive receptors are protected from adverse impacts from dust.	5.2
	Details would need to be provided on the proposed measures to manage dust from all sources. Measures to prevent or control the emission of dust from the quarrying activities must be detailed based on the outcome of an assessment of dust emissions undertaken in accordance with the Approved Methods and Guidance for the Modelling and Assessment of Air Pollutants in New South Wales (DECC, 2005). All potentially impacted residential or sensitive premises likely to be impacted by the development must be identified and included in the assessment.	5.2.6
	The EIS should identify any other existing impacts on air quality within the area and if necessary, provide an assessment and commentary on the predicted cumulative impacts that may arise.	5.2.2
	Emissions from any plant must meet the design criteria detailed in the Protection of the Environment Operations (Clean Air) Regulation 2010. Details need to be provided on the proposed air pollution control techniques from any air emission points, including proposed measures to manage and monitor efficiency and performance.	5.2.6
NOISE AND VIBRATION		
Environment Protection Authority (EPA) 12 June 2019	The goals of the project should include design, construction, operation and maintenance of the facility in accordance with relevant EPA policy, guidelines and criteria, and in order to minimise potential impacts from noise.	5.3
	The EPA expects that potential noise sources are assessed in accordance with the Noise Policy for Industry (EPA 2017), and where required mitigation measures are proposed (e.g. appropriate equipment chosen to minimise noise levels).	5.3
	All residential or noise sensitive premises likely to be impacted by the development must be identified and included in the assessment.	4.3

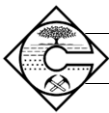


Table A3.2 (Cont'd)
Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

Agency / Organisation	Paraphrased Relevant Requirement	Relevant EIS Section(s)
NOISE AND VIBRATION (Cont'd)		
Environment Protection Authority (EPA) 12 June 2019 (Cont'd)	The proposed development may result in an increase in traffic movements associated with the transport of livestock and feed. The number of traffic movements associated with the proposal should be quantified and the potential noise impacts associated with these traffic movements need to be assessed in accordance with the NSW Road Noise Policy (DECCW, 2011).	5.3.6.2
	An assessment of vibration from all activities (including construction and operation) to be undertaken on the premises and this should be assessed using the guidelines contained in the document Assessing Vibration: a technical guideline (DEC 2006).	5.3.6.1
	An assessment of potential blast impacts should be undertaken and this should be assessed against the guidelines contained in the document Australian and New Zealand Environment Council - Technical basis for guidelines to minimise annoyance due to blasting overpressure and ground vibration (ANZECC, 1990).	5.3.6.3
HERITAGE		
NSW Office of Environment & Heritage 20 June 2019	We recommend that the proposed activity area be subject to a detailed Aboriginal cultural heritage assessment in accordance with the <i>Guide to Investigation, Assessing and Reporting on Aboriginal Cultural Heritage in NSW</i> and <i>Code of Practice for the Archaeological Investigation of Aboriginal Objects in NSW (IDEECW 2010)</i> .	5.6
	The EIS must identify and describe the Aboriginal cultural heritage values that exist across the whole area that will be affected by the proposal. This may include the need for surface survey and test excavation. The identification of cultural heritage values must be conducted in accordance with the <i>Code of Practice for Archaeological Investigations of Aboriginal Objects in NSW (OEH 2010)</i> , and should be guided by the <i>Guide to investigating, assessing and reporting on Aboriginal Cultural Heritage in NSW (DECCW 2011)</i> and consultation with OEH regional branch officers. The Due Diligence process is not appropriate to use as an assessment here.	5.6
	Where Aboriginal cultural heritage values are identified, consultation with Aboriginal people must be undertaken and documented in accordance with the <i>Aboriginal cultural heritage consultation requirements for proponents 2010 (DECCW)</i> . The significance of cultural heritage values for Aboriginal people who have a cultural association with the land must be documented in the EIS.	Not relevant. No Aboriginal cultural heritage values identified.
	Impacts on Aboriginal cultural heritage values are to be assessed and documented in the EIS. The EIS must demonstrate attempts to avoid impact upon cultural heritage values and identify any conservation outcomes. Where impacts are unavoidable, the EIS must outline measures proposed to mitigate impacts. Any objects recorded as part of the assessment must be documented and notified to OEH.	5.6
	The assessment of cultural heritage values must include a surface survey undertaken by a qualified archaeologist in areas with potential for subsurface Aboriginal deposits. The result of the surface survey is to inform the need for targeted test excavation to better assess the integrity, extent, distribution, nature and overall significance of the archaeological record. The results of surface surveys and test excavations are to be documented in the EIS.	5.6



Milbrae Quarries Pty Ltd
Strontian Quarry

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Agency / Organisation	Paraphrased Relevant Requirement	Relevant EIS Section(s)
HERITAGE (Cont'd)		
NSW Office of Environment & Heritage 20 June 2019 (Cont'd)	Where harm to an Aboriginal object or declared Aboriginal place cannot be avoided, an Aboriginal Heritage Impact Permit (AHIP) will be required from OEH under the National Parks and Wildlife Act 1974. You must apply to OEH for an AHIP prior to commencing works that will directly or indirectly harm an Aboriginal object or a declared Aboriginal place	Not relevant. No Aboriginal cultural heritage values identified.
	The EIS must outline procedures to be followed in the event Aboriginal burials or skeletal material is uncovered during construction to formulate appropriate measures to manage the impacts to this material.	5.6.4
	The EIS must outline procedures to be followed if Aboriginal objects are found at any stage of the life of the development to formulate appropriate measures to manage unforeseen impacts.	5.6.4



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