



TOMINGLEY
GOLD OPERATIONS PTY LTD
(A wholly owned subsidiary of Alkane Resources Ltd)

Tomingley Gold Operations

Environmental Management Strategy

Table of Revisions

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1. BACKGROUND AND INTRODUCTION TO THE PROJECT

There has been a long history of mining and exploration for gold in the Tomingley area since it was first discovered and mined from the Tomingley Goldfields in the 1880's.

In 2001 Alkane Resources Ltd identified the first of four gold deposits it planned to mine as part of the Tomingley Gold Operations. This deposit is known as Wyoming One (named after the property on which it was discovered). Three further deposits have subsequently been identified and approved for open cut mining development.

Tomingley Gold Operations Pty Ltd (a wholly owned subsidiary of Alkane Resources Ltd) (TGO) will mine approximately 51.6 million tonnes of material over life-of-mine, from which it will process approximately 6.5 million tonnes of gold bearing ore. Tomingley Gold Operations will comprise an open cut pit at each of the four deposits as well as a potential underground mine to reach deeper ore below the Wyoming One open cut.

Operations at the mine will include the extraction of ore and the onsite processing of this ore into gold dore. The site comprises of a processing plant, three waste rock emplacements, a residue storage facility, administration buildings, workshops and associated civil infrastructure.

The construction phase of the mine was completed in 2013, with the transition to mining operations occurring in January 2014. Open cut mining and processing operations will continue until the end of 2018, and rehabilitation of the open cut mining areas will require an additional year to complete, following the conclusion of open cut mining.

2. SCOPE OF THE ENVIRONMENTAL MANAGEMENT STRATEGY

This Environmental Management Strategy (EMS) forms part of the Integrated Management System for the project. It describes the strategic framework for environmental management of the project, and will be used by Tomingley Gold Operations (TGO) personnel to ensure environmental impacts are minimised and legislative requirements are complied with during operation of the Tomingley Gold Mine.

The EMS has been developed using information referenced from the Environmental Assessment for the Tomingley Gold Project and is consistent with the Statement of Commitments in the Project Approval.

The EMS allows TGO personnel to identify, monitor and manage environmental aspects and impacts associated with the operation. It defines the roles and allocates responsibility to TGO personnel with respect to Environmental Management.

The EMS is based on the philosophy of Plan-Do-Check-Act. It includes environmental aspect and impact investigation, objectives and targets, implementation of management measures, environmental monitoring, reporting, auditing, compliance management and community consultation. This EMS generally conforms to the requirements of ISO14001:2015.

This EMS references other management plans within the TGO Integrated Management System which will be used in conjunction with the Environmental Plans to manage the project.

The EMS is supported by a number of specific Environmental Management Plans. These plans provide detailed information on areas of environmental risk and provide a process to manage that risk within TGO. A list of these plans is presented in Table 1.

Table 1 - Environmental Management Plans

Title	Timing of Completion
Noise Management Plan	Complete
Blast Management Plan	Complete
Air Quality & Greenhouse Gas Management Plan	Complete
Water Management Plan	Complete
Biodiversity Management Plan	Complete
Cultural Heritage Management Plan	Complete
Hazardous Materials Management Plan	Complete
Traffic Management Plan	Complete
Rehabilitation Management Plan	Complete (incorporated in the MOP)

3. ENVIRONMENT POLICY

Tomingley Gold Operations Pty Ltd, recognises the need to protect the environment in order to allow sustained economic development for the long-term benefit of the community. We are committed to ensuring that environmental responsibility is incorporated into our normal business practice. These commitments are incorporated into the Environment and Community *Pillar of Success* document.

In particular Alkane and its employees will:

- At each of its operating sites produce, implement and maintain an Environmental Management Strategy as part of the sites integrated Management System.
- Comply with relevant environmental laws and regulations.
- Set environmental objectives and targets, monitor performance against them and identify improvement opportunities.
- Report to key stakeholders and the community on each of its sites' environmental performance.
- At each of its operating sites establish a Community Consultative Committee to assist in engaging with and seeking feedback from the community.
- Work with key stakeholders to assist in the funding or execution of activities that bring benefit to the local communities in which it operates

4. KEY REFERENCE DOCUMENTS

This EMS has been developed in accordance with the following Key Reference Documents:

- NSW Government Guidelines for the Preparation of Environmental Management Plans (DoP 2004) ;
- Tomingley Gold Project - Environmental Assessment (Major Project Application, R.W. Corkery & Co. Nov 2011);
- Tomingley Gold Mine - Environmental Assessment, Project Approval No. 09_0155, Modification 2 (R.W. Corkery & Co. Nov 2014);
- Tomingley Gold Mine - Environmental Assessment, Project Approval No. 09_0155, Modification 3 (R.W. Corkery & Co. Nov 2015);
- AS/NZS ISO 14001:2015 Environmental Management Systems – Requirements with guidelines for use;
- Consolidated Project Approval 09_0155 - Tomingley Gold Project - NSW Department of Planning and Infrastructure (DP&I) July 2016;
- Mining Lease 1684 (ML1684) – NSW Trade & Investment, Division of Resources and Energy (DRE), 11 February 2013;
- Environmental Protection Licence 20169 (EPL 20169) – NSW Environmental Protection Authority (EPA), 20 March 2017.

5. LEGISLATIVE REQUIREMENTS

5.1 PROJECT APPROVAL

The Tomingley Gold Project was classified as a “Major Project” under the State Environmental Planning Policy (Major Developments) 2005 and was subsequently approved by the Deputy Director General of the DP&I under delegation of the Minister on 24 July 2012 in accordance with Part 3A of the Environmental Planning and Assessment Act 1979 (EP&A Act) (now repealed).

A copy of the Project Approval (PA 09_0155) (PA) and schedules containing the conditions of approval is attached in Appendix 1.

Schedule 5, Condition 1 of the Project Approval is reproduced below. This condition calls for the preparation of an Environmental Management Strategy (this Strategy) that includes the following:

“Environmental Management Strategy

1. The Proponent shall prepare and implement an Environmental Management Strategy for the project to the satisfaction of the Secretary. This strategy must:

- (a) be submitted for approval to the Secretary prior to construction;*
- (b) provide the strategic framework for the environmental management of the project;*
- (c) identify the statutory approvals that apply to the project;*
- (d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the project;*
- (e) describe the procedures that would be implemented to:*
 - (i) keep the local community and relevant agencies informed about the operation and environmental performance of the project;*
 - (ii) receive, handle, respond to, and record complaints;*
 - (iii) resolve any disputes that may arise during the course of the project;*
 - (iv) respond to any non-compliance;*
 - (v) respond to emergencies; and*
- (f) include:*
 - (i) copies of any strategies, plans and programs approved under the conditions of this approval; and*

(ii) a clear plan depicting all the monitoring required to be carried out under the conditions of this approval.”

5.2 MINERAL AUTHORITIES

Mining lease ML 1684 was issued for TGO by the Department of Planning and Environment - Division of Resources and Geosciences (DRG) under the *Mining Act 1992*. ML 1684 was issued on 11 February 2013, has a 21 year lease period, and is due to expire on 10 February 2034. The mining lease covers an area of 733.7 ha, which includes all existing and proposed TGO mining areas and facilities. Conditions from ML 1684, relevant to environmental management at TGO, are summarised in Table 2.

Table 2 – Summary of mining lease (ML 1684) environmental management conditions

Condition	General Requirement	Reference
1	<i>Notice to Landholders:</i> Within three months from the date of grant/renewal of this lease, provide notice to holders of land within lease area that this lease has been granted/renewed	
2	<i>Environmental Harm:</i> The lease holder must implement all practicable measures to prevent and/or minimise any harm to the environment that may result from the construction, operation or rehabilitation of any activities under this lease	
3	<i>Mining Operations Plan (MOP):</i> Mining operations must not be carried out otherwise than in accordance with a Mining Operations Plan (MOP) which has been approved by the Director-General.	
4	<i>Environmental Management Report:</i> The lease holder must lodge Environmental Management Reports (EMR) with the Director-General annually or at dates otherwise directed by the Director-General.	
5	<i>Environmental Incident Reports:</i> The lease holder must report any environmental incidents. The report must be: (i) prepared according to relevant Departmental guidelines; and (ii) submitted within 24 hours of the environmental incident occurring	
6	<i>Additional Environmental Reports:</i> Additional environmental reports may be required from time to time as directed in writing by the Director-General and must be lodged as instructed.	
7	<i>Rehabilitation:</i> Any disturbance as a result of activities under this lease must be rehabilitated to the satisfaction of the Director-General.	
10	<i>Blasting:</i> Blast ground vibration peak particle velocity must not exceed 10 mm/second, or 5 mm/second in more than 5% of the total number of blasts over a 12 month period. Blast overpressure noise level must not exceed 120 dB (linear), or 115 dB (linear) in more than 5% of the total number of blasts over a 12 month period	
12	<i>Prevention of Soil Erosion and Pollution:</i> Operations must be carried out in a manner that does not cause or aggravate air pollution, water (including groundwater) pollution, soil contamination or erosion, unless otherwise authorised by a relevant approval, and in accordance with an accepted Mining Operations Plan.	

15	<i>Trees and Vegetation:</i> (a) The lease holder must not fell trees, strip bark or cut timber on any land subject of this lease without the consent of the landholder who is entitled to the use of the timber. (b) The lease holder must contact Forests NSW and obtain any required permit, licence or approval before taking timber from any Crown land within the lease area.	
16	<i>Use of Mercury or Cyanide:</i> The lease holder must not use mercury or cyanide or any solution containing cyanide for the recovery of minerals on the lease area without the prior written approval of the Minister and subject to any conditions stipulated.	
22	<i>Prescribed Dam:</i> The lease holder must not mine within any part of the lease area which is within the notification area of the Tomingley Residue Storage Facility without the prior written approval of the Minister and subject to any conditions stipulated.	

5.3 ENVIRONMENT PROTECTION LICENCE

An Environment Protection Licence (EPL 20169) was issued by the NSW Environment Protection Agency (EPA) under section 47 of the *Protection of the Environment Operations Act 1997* for the construction phase of the project. A variation to this EPL was approved on 04 September 2013, to license TGO to conduct the following Scheduled Activities:

- Crushing, grinding or separating > 500,000 - 2,000,000 T processed
- Mineral processing > 500,000 - 2,000,000 T processed
- Mining for minerals > 500,000 - 2,000,000 T produced

The EPL conditions the management, discharge and monitoring of pollution from the TGO site, including water, noise, air quality, blasting and waste. Incident reporting and scheduled reporting are also conditional requirements under the EPL.

5.4 OTHER LICENCES AND PERMITS

Other licences and permits issued for TGO are listed in the table below.

Table 3 - Licences and Permits

Issuing / Responsible Authority	Type	Consent/ Approval Number	Date of Issue	Expiry	Comments
Department Industry – Regional Crown Lands and Water Division	Flood works Approval	80FW723901	21 September 2015	2 January 2028	Approval for Gundong Creek levy
Department Industry – Regional Crown Lands and Water Division	Water Access Licence	WAL20270	20 August 2012	NA	Licence to extract groundwater up to 1,000ML/year from the water supply bore east of Narromine

Issuing / Responsible Authority	Type	Consent/ Approval Number	Date of Issue	Expiry	Comments
Department Industry – Regional Crown Lands and Water Division	Water Access Licence	WAL28643	13 August 2013	NA	Licence to extract groundwater up to 220ML/year from NSW Murray Darling Basin Fractured Rock Aquifer
Department Industry – Regional Crown Lands and Water Division	Water Access Licence	WAL29266	16 January 2012	N/A	Licence to extract groundwater up to 70ML/year from NSW Murray Darling Basin Fractured Rock Aquifer
Department Industry – Regional Crown Lands and Water Division	Bore Licences (Monitoring)	80BL245428 80BL245429 80BL245430 80BL245431 80BL245432	23 September 2009	Perpetuity	Groundwater monitoring bores
Roads and Maritime Services	Works Authorisation Deed	5645525/2	12th May 2011	N/A	Authorisation to construct Newell Highway underpass
Department of Industry – Lands	S34A Crowns Lands Licence	RI517394	26 June 2013	Ongoing	Licence to permit construction of electricity infrastructure
Narromine Shire Council	On-Site Sewerage Approval	-	30 September 2013	Ongoing	Approval to operate sewage treatment facility within the Mine Site.
Australian Communications and Media Authority	Radio Communications Licence	1964440 to 1964444	6 June 2013	5 June 2018 (renewed annually)	Approval to operate private frequency radio network
WorkCover NSW	Notification of Dangerous Goods on Premises	NDG200150	7 August 2017	(renewed annually)	Acknowledgement of storage of dangerous goods within the Mine Site.
NSW Dams Safety Committee			11 March 2014	30 June 2021	Design and construction of the residue storage facility

5.5 LEGISLATION APPLICABLE TO THE PROJECT

Full versions of the current Acts and their respective Regulations that apply to the TGO can be located at: <http://www.austlii.edu.au> and are listed below.

- *Environmental Planning and Assessment Act 1979*
- *Protection of the Environment Operations Act 1997*
- *Local Government Act 1993*
- *Work Health and Safety Act 2011*
- *Local Land Services Act 2013*
- *Biodiversity Conservation Act 2016*
- *Water Act 1912*
- *Water Management Act 2000*
- *Roads Act 1993*
- *National Parks and Wildlife Act 1974 (NPW Act)*
- *Mining Act 1992*

6. OBJECTIVES, TARGETS AND PERFORMANCE INDICATORS

The key environmental performance objectives of TGO are to:

- Ensure compliance with all applicable environmental laws, obligations and approvals;
- Minimise adverse environmental impacts;
- Minimise pollution and waste generation; and
- Enhance biodiversity across the mine site and on TGO owned land.

As a means of measuring performance against the key objectives, TGO has developed a number of measurable targets. These targets are detailed within the “Objectives and Targets” section of each Environmental Management Plan (EMP). The objectives and targets within the plans will be reviewed and updated if determined necessary during the periodic review of the project’s environmental performance.

TGO has determined a number of Key Performance Indicators that will be collated monthly to provide information on the overall environmental performance of the operation. These are presented below and will be reviewed by the Environmental and Community Manager and Alkane Management.

KEY PERFORMANCE INDICATOR

- Number of pollution incidents per month
- Number of community complaints
- Report results from required routine environmental impact monitoring
- Percentage of actions closed out by agreed time frame.

7. MANAGING WORKS

A number of key measures to ensure environmental compliance have been implemented at TGO and are detailed in the sections below.

7.1 ENVIRONMENTAL PROCEDURES

In addition to the EMS and the EMP's, TGO has developed appropriate procedures, to control environmental risk associated with routine environmental control activities, such as monitoring, inspections, response and reporting. These procedures provide instruction on specific environmental tasks to ensure consistency in approach and quality of results. The following procedures have been developed:

- Environmental monitoring, including;
 - groundwater and surface water quality
 - dust control
 - biodiversity and rehabilitation progress and quality
- Land management (vegetation clearing and weed control)
- Sediment basin/erosion control inspection and testing
- RSF inspection and testing
- General site environmental inspections
- Environmental reporting
- Environmental incident management
- Complaint response
- Authorising drainage works in environmentally sensitive areas (Red Zones)

7.2 RISK ASSESSMENT AND JOB HAZARD ANALYSIS

Risk Assessments are conducted during the planning phase for new projects and enterprises proposed for TGO. Risk assessments identify and rank potential risk according to the TGO Hazard & Risk Management Plan. This includes the estimation of environmental related risks, and determination of further management requirements. Job Hazard Analyses (JHA) are conducted by personnel prior to undertaking new, modified or non-routine tasks, to ensure risks associated with those tasks are systematically assessed and appropriately controlled. The JHA process includes the identification and assessment of environmental hazards.

A project risk analysis was completed during preparation of the 2012 Environmental Assessment to identify potential environmental risks associated with the proposed Tomingley Gold Project. Section 3.5 of the 2012 Environmental Assessment presents the outcomes of that analysis.

A rehabilitation risk assessment was completed as part of Mining Operations Plan (MOP) preparation to identify potential risks to the successful completion of TGO's proposed rehabilitation program. A summary of the rehabilitation risk assessment findings is presented in Section 3.1 of the 2017 TGO MOP.

An operation wide risk analysis was undertaken in 2014, facilitated by external risk consultants, to identify potential threats to operations at TGO. This analysis identified several environmental hazards including noise, air pollution, erosion, surface and groundwater pollution, flooding and weed infestation. Appropriate control actions were identified and allocated to specific TGO

manager for implementation. Status of control implementation is tracked via the risk management software program, *P2B*.

7.3 ENVIRONMENTAL TRAINING AND AWARENESS

The requirement for environmental training at TGO has been derived from the project risk assessment conducted during the 2012 Environmental Assessment. The identified training requirements are met through the two main forms of training will be provided on site, being:

- Project induction;
- Environmental “Toolbox” communication and training.

Records of induction and training are kept on a database including the topic of the training carried out, dates, names and trainer details.

7.3.1 PROJECT INDUCTION

Prior to working on site all personnel and contractors will undertake a project induction. The inductions address several elements including occupational health and safety, quality, and environmental issues.

The environmental component of the induction, prepared by the Environment and Community Manager, addresses a range of environmental issues including, but not limited to:

- Legal requirements including due diligence and duty of care;
- Environmental responsibilities;
- Conditions of licences, permits and approvals;
- TGO Environment Policy;
- Significant environmental issues and sensitive areas within the site, including identification of boundaries and No-Go Zones, location of refuse bins, vehicle washing, refuelling and maintenance areas;
- Environmental management techniques for key environmental elements e.g. soil and water, waste and recycling, flora and fauna and heritage;
- Incident management and emergency plans;
- Protection and maintenance of environmental controls;
- Finding heritage items on site; and
- Minimisation of dust on site.

7.3.2 ENVIRONMENTAL AWARENESS TRAINING

TGO staff are provided with environmental training to achieve a level of awareness and competence appropriate to their assigned activities.

Targeted environmental awareness information will be provided to individuals or groups of workers with a specific authority or responsibility for environmental management or those undertaking an activity with a high risk of environmental impact.

This training will be reviewed by the Environment and Community Manager and delivered initially through the site induction process and ongoing via toolbox presentations and pre-shift meetings. The target groups and identified training topics are shown in Table 4.

Table 4 - Training during operations

Target Group	Topic
Mining and Processing Managers and Mine Engineers	<p>Content and requirements of Project Approval and any licences issued to the project.</p> <p>Content and requirements of the EMS and EMP's.</p> <p>Key issues including noise and vibration control, erosion and sediment, dust management, hazardous materials management.</p> <p>Incident response.</p>
Processing and Mining Superintendent	<p>Content and requirements of Project Approval and any licences issued to the project.</p> <p>Content and requirements of the EMS and EMP's.</p> <p>Key issues including biodiversity protection and ground disturbance control, noise and vibration control, erosion and sediment, dust management, hazardous materials management.</p> <p>Selected Environmental Procedures.</p> <p>Incident response.</p>
Emergency response crew	<p>Location of muster area/s.</p> <p>The location and use of emergency response equipment.</p> <p>Internal notification procedures. Disposal of clean up materials.</p>
Mining and Processing Operations Personnel	<p>Dust control.</p> <p>Traffic control.</p> <p>Water management.</p>

7.3.3 “Toolbox” TRAINING

“Toolbox” training helps ensure that relevant information is communicated to the workforce, and that feedback can be provided on issues of interest or concern. “Toolbox” training is delivered as needed in line with specific site activities, incidents and situations. Toolbox training is usually prepared and delivered by a member of the site leadership team.

7.4 HOURS OF OPERATION

TGO operations will adhere to the following hours, as specified in the Project Approval:

- Vegetation clearing and topsoil stripping - 6am-6pm, 7 days per week;
- Construction, mining, maintenance, and processing operations – 24 hours, 7 days per week;
- Construction on modified amenity bund – 7am-6pm Monday to Friday and 8am-1pm Saturday;
- Rehabilitation works – 7am-10pm, 7 days per week;
- Blasting - 9am-5pm, Monday to Saturday. No Blasting on Sundays and Public Holidays.

8. ENVIRONMENTAL MONITORING

8.1

A number of environmental aspects will be monitored during TGO operations, to:

- assess environmental performance against internal objectives and targets;
- assist with the identification and rectification of environmental impacts; and
- ensure compliance with regulatory requirements.

A summary of monitoring requirements, as specified in the Project Approval and EPL, is presented in Table 5.

Specific monitoring requirements are also discussed in relevant EMPs. Any monitoring undertaken in addition to that required to meet regulatory requirements (i.e. to measure environmental performance against TGO's Environmental Objectives and Targets) will be included within each EMP.

Table 5 - Monitoring Requirements

Monitored Aspect	Condition Number	Type of Monitoring / Requirement	Relevant Management Plan	Comment
Meteorological Data	PA S3 – 5(b) & 18(b)	Predictive meteorological forecasting	Noise Management Plan; Air Quality and Greenhouse Gas Management Plan	WeatherZone predictive system installed and operational on site.
	PA S3 – 20; EPL M5.1	Meteorological Monitoring – that complies with Approved Methods for Sampling of Air Pollutants in NSW guidelines	Noise Management Plan; Air Quality and Greenhouse Gas Management Plan	Met Station located approx. 1km nth of processing plant
Operational Noise	PA S3 – 6(c)(i)	Combination of real time and supplementary attended noise monitoring measures to evaluate the performance	Noise Management Plan	Real time noise monitor installed in Tomingley
	EPL M4.1	Annual attended monitoring at specified locations during day (1.5hr), evening (0.5hr) and night (1hr) periods for three consecutive nights	Noise Management Plan	Attended monitoring conducted annually over the first three years following the commencement of mining operations.

Monitored Aspect	Condition Number	Type of Monitoring / Requirement	Relevant Management Plan	Comment
Blast Monitoring	PA S3 – 14(c)	Blast monitoring program to evaluate performance	Blast Monitoring Plan	Two blast overpressure/ ground vibration monitors located in Tomingley and two vibration only monitors located on Newell Highway and RSF
Air Quality	PA S3 – 19(d)	(i) combination of real-time and supplementary attended monitoring (ii) adequately supports the proactive and reactive air quality management system on site (iii) includes a protocol for determining exceedances	Air Quality and Greenhouse Gas Management Plan	TEOM, HVAS, dust deposition gauges & met station, in conjunction with site <i>Dust Control</i> procedure
Surface Water	PA S3 – 32(b)(iv)	Program to monitor: - the effectiveness of the water management system - potential leakage or spillage from on-site pipelines - mine impact on surface water flows/ quality, stream health and channel stability in Gundong Creek	Water Management Plan	Ongoing
	EPL M2.2	Gundong Creek Downstream (SW1) and Gundong Creek Upstream (SW2) to be grab sampled during discharge for lab analysis	Water Management Plan	Ongoing.
	EPL M2.2	Six sediment basins (SP1-SP7) to be grab sampled during discharge for lab analysis	Water Management Plan	Ongoing.
Process Water & Residue	PA S3 – 24; EPL M2.2	Residue grab sample collected daily during discharge to the RSF for WAD Cyanide testing	Water Management Plan	Ongoing.
Groundwater	PA S3 – 31(a)	Baseline groundwater monitoring program at WYMBO2, WYMBO3, WYMBO4, WYMBO6 and a new bore in the Gundong Creek alluvium	Water Management Plan	Completed
	PA S3 – 32 (c) (iii)	Program to monitor: - groundwater inflows to the open cut and underground mining operations - mine impacts on alluvial aquifers and groundwater bores on privately-owned land	Water Management Plan	Ongoing with TARPS in place.

Monitored Aspect	Condition Number	Type of Monitoring / Requirement	Relevant Management Plan	Comment
		- seepage/leachate from the residue storage facility, water storages, backfilled voids and final void - quality of groundwater to be re-used on the site		
	EPL M2.2	Quarterly sampling for lab analysis of seven groundwater bores (WYMB01-WYMB04, WYMB06, WYMB10 & GDCMB01)	Water Management Plan	Ongoing
Biodiversity	PA S3 - 35	Ecologist to confirm the presence/roosting of species in the area prior to clearing	Biodiversity Management Plan	Initial survey completed, in conjunction with pre-clearing survey
	PA S3 – 37(f)	Seasonally based program to monitor the effectiveness of biodiversity management measures and progress against performance and completion criteria	Biodiversity Management Plan	LFA transects, floristics plots and photo points are in place.
Aboriginal Heritage	PA S3 – 39(d)(i)	Monitoring aboriginal heritage items onsite	Cultural Heritage Management Plan	Ongoing, noting all sites are outside the operational mining area.
European Heritage	PA S3 – 39(e)(i)	Monitoring of non-aboriginal heritage items onsite	Cultural Heritage Management Plan	ongoing
Rehabilitation	S3 – 53 (i)	Include a program to monitor, independently audit and report on the effectiveness of the measures within the detailed performance and completion criteria	Mining Operation Plan (MOP)	Annual monitoring program carried out by independent consultant.

9. EVALUATION OF COMPLIANCE AND REPORTING

9.1 ENVIRONMENTAL MONITORING COMPLIANCE

One of the purposes of the environmental monitoring programs discussed in Section 8 is to monitor TGO performance against internal objectives and targets, and regulatory requirements. Results from environmental monitoring are evaluated for compliance, immediately following receipt of the results, and entered into the monitoring database. Relevant regulatory criteria (as derived from PA 09_0155, EPL 20169 and ML 1684) are presented in respective EMPs.

In the event of exceeding environmental performance criteria, the appropriate response process as presented in Section 10 will be triggered.

The Environmental Audit process as discussed in Section 11 is also used to evaluate compliance.

Monitoring results are reported as indicated in Table 6.

Table 6 – Reporting of Monitoring Results

Report	Prepared By	Distribution
Monthly Environmental Monitoring Report	Environment and Community Manager	TGO Mining Manager Alkane Resources Senior Management Uploaded onto TGO Website
Annual Review (Annual Environmental Management Report prior to 2015)	Environment and Community Manager	TGO Mining Manager Alkane Resources NSW General Manager Alkane Resources Senior Management Uploaded onto TGO Website DP&E, DRG, EPA and other relevant government agencies and Narromine Shire Council
Written Incident Report	Environment and Community Manager	NSW EPA and any other relevant government agencies
Annual Return	Environment and Community Manager (signed by Alkane Directors)	NSW EPA

9.2 CONDITIONS OF APPROVAL, STATEMENT OF COMMITMENTS, LICENCE AND PERMIT CONDITIONS

The compliance register is managed within the P2B site wide risk management system and covers compliance with the following approval documents:

- Project Approval and Statement of Commitments
- Environmental Protection Licence
- Mining Lease
- Mining Operations Plan

10. NON COMPLIANCE, CORRECTIVE AND PREVENTATIVE ACTION

Environmental incidents or non-compliances at TGO are identified through the following methods:

- Environmental monitoring results;
- Environmental auditing and inspections;
- Community or regulator contact (complaint or query); or
- Internal incident reporting.

The process for non-compliance/incident investigation, corrective action and reporting is presented below. Where an incident is determined to be a *Pollution Incident*, additional reporting requirements are to be observed – see Section 10.1.

1. Following initial event identification (community complaint, monitoring exceedance, spill report, etc.), a preliminary review will be undertaken to determine whether the event constitutes a:
 - a. procedural non-compliance to be managed internally;
 - b. regulatory non-compliance, or environmental incident, requiring reporting to EPA and other relevant authorities; or
 - c. *Pollution Incident* requiring reporting in accordance with the site Pollution Incident Response Management Plan – see Section 10.1.
2. If determined to be an *Environmental Incident* or *Pollution Incident*, an incident report will be made to the relevant authorities immediately.
3. Where possible, corrective actions should be initiated (if not already) to mitigate the incident impacts.
4. An *Incident and Investigation* form will be completed, and entered into the C-Safe electronic incident management system.
5. An investigation (commensurate with incident significance) will be completed.
6. Appropriate corrective and/or preventative actions (as determined by the investigation in accordance with relevant EMP response requirements) are assigned to relevant TGO personnel for implementation.
7. TGO will issue the DRG/ EPA (and any other relevant authorities) a written report on the incident within seven days, unless directed otherwise by those authorities.

10.1 POLLUTION INCIDENTS

A pollution incident is defined as:

“A set of circumstances during which or as a consequence of which there is, or is likely to be a leak, spill, escape or deposit of a substance as a result of which pollution has occurred or is likely to occur. This does not include the emission of noise. “

Where there is an emission of noise that is beyond the noise limit criteria set for the project this will be managed as a non-compliance.

TGO has developed a Pollution Incident Response Management Plan (PIRMP), based on the EPA Environmental Guidelines: Preparation of pollution incident response management plans (NSW EPA 2012).

This plan describes the likelihood of pollution incidents, pre-emptive action to be taken, inventory of pollutants, safety equipment needed, communication with neighbours and the community, minimising harm to persons on the premises action to be taken immediately following a pollution incident and the training of staff.

TGO has implemented, tested and reviewed the PIRMP, as per the requirements presented in the plan.

11. AUDIT PROCESS

11.1 INDEPENDENT ENVIRONMENTAL AUDIT

As required under Schedule 5, Conditions 8 & 9 of PA 09_0155, TGO was required to commission an Independent Environmental Audit within one year of mining operations commencement, and every three years thereafter, unless the Secretary directs otherwise. The initial audit was completed in June 2015 with the next audit due in the first quarter of 2018.

The audit will:

- (a) be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary;
- (b) include consultation with the relevant agencies;
- (c) assess the environmental performance of the project and assess whether it is complying with the requirements in this approval and any relevant EPL or Mining Lease (including any assessment, plan or program required under these approvals);
- (d) review the adequacy of strategies, plans or programs required under the abovementioned approvals; and
- (e) recommend appropriate measures or actions to improve the environmental performance of the project, and/ or any assessment, plan or program required under the abovementioned approvals.

Note: This audit team must be led by a suitably qualified auditor and include experts in any fields specified by the Secretary.

Within six weeks of the completion of this audit, or as otherwise agreed by the Secretary, TGO shall submit a copy of the audit report to the Secretary, together with the response to any recommendations contained in the audit report.

TGO's responsibilities as part of the Independent Environmental Audit requirements are coordinated by the TGO Environment and Community Manager.

Results from the Independent Environmental Audit were communicated to Alkane management included in the Annual Environment Report and displayed on the company website.

12. REVIEW

12.1 TGO ANNUAL REVIEW

Within 60 days of completion of the reporting year (1 January to 31 December) TGO will review the environmental performance of the project and submit an Annual Review report to DP&E, DRE and other relevant agencies. This review will;

- describe development (including any rehabilitation) completed in the past 12 months;
- describe development proposed for the next 12 months;
- compare environmental monitoring results and complaints over the past 12 months against;
 - relevant statutory requirements
 - limits or performance measures/criteria
 - requirements of any plan or program required under PA 09_0155
 - previous years' monitoring results
 - relevant EA predictions.
- report non-compliance over the 12 months, and outline the associated corrective actions implemented to ensure compliance;

- identify any trends in the monitoring data over the life of the project;
- highlight discrepancies between EA predicted, and actual, project impacts;
- present likely causes for those discrepancies; and
- describe proposed environmental performance improvement measures for the next 12 months.

The Annual Review will be prepared in accordance with the *Post-approval requirements for State significant mining developments. Annual Review Guideline* (DP&E, October 2015) and made publicly available on the TGO website within one month of being approved by DP&E and DRE.

13. COMMUNITY CONSULTATION

There are two main medium via which TGO communicates with the community:

- The TGO website (<http://alkane.com.au/index.php/projects/current-projects/tomingley-gold-operations>); and
- The Community Consultative Committee (CCC).

13.1 PROJECT INFORMATION WEBSITE

The following information is available to the community via TGO website:

- A project update outlining current and proposed site activities;
- Contact details, including the Community Information Line and TGO email address;
- Project Environmental Assessment;
- Project Statement of Commitments ;
- Major statutory approvals;
- Copies of strategies, plans and programs required under approval conditions;
- Monthly monitoring reports;
- The project complaints register, updated on a monthly basis;
- Minutes of Community Consultative Committee meetings;
- Copies of the annual review; and
- A copy of the independent environmental audit of the project once undertaken.

TGO Project Website, email address and Community Information Line Number is advertised in the following ways;

- In the local paper
- TGO information board within Tomingley Village
- TGO information board at the truck rest station on the Newell Highway at Tomingley
- TGO information board at the site entrance

The 24-hour TGO Community Information Line Number is: **02 6865 6116**

The TGO email address is tomingleygold@alkane.com.au

This number and email address allow the public to gain access to information, make an enquiry or a complaint at any time.

13.2 COMMUNITY CONSULTATIVE COMMITTEE

TGO operates a Community Consultative Committee (CCC) in general accordance with the *Guidelines for Establishing and Operating Community Consultative Committees for Mining Projects* (Department of Planning, 2007). The CCC acts as an advisory committee, is made up of representatives from TGO, Narromine Shire Council and the local community, and is facilitated by an independent chair.

13.3 PROPERTY INVESTIGATIONS

TGO advised the owners of privately-owned land within 2 kilometres of blasting operations at, prior to blasting commencement, that they were entitled to a structural property inspection to establish the baseline condition of buildings and other structures on the property.

If TGO receives a written request from any such landowner, then within two months of receiving the request TGO will:

- commission a suitably qualified, experienced and independent person, whose appointment is acceptable to both parties to:
- establish the baseline condition of any buildings and other structures on the land, or update the previous property inspection report;
- identify measures that should be implemented to minimise the potential blasting impacts of the project on these buildings and/ or structures; and
- give the landowner a copy of the new or updated property inspection report.

If there is a dispute over the selection of the suitably qualified, experienced and independent person, or TGO or the landowner disagrees with the findings of the property inspection report, either party may refer the matter to the NSW DP&E for resolution.

13.4 BLASTING NOTIFICATION

TGO has placed blasting information boards at two truck stops on the Newel Highway.

The information boards alert the public to the blasting activities of the mine site and provide company contact information.

13.5 ENVIRONMENTAL MONITORING

Within two weeks of receiving results that exceed environmental monitoring trigger levels for noise or air quality, TGO will notify affected landowners in writing, and provide regular monitoring results to each of these affected parties until the project is again complying with the relevant criteria. For air quality exceedances, TGO will also send the affected landowners and/ or tenants a copy of the NSW Health fact sheet entitled "Mine Dust and You".

14. COMPLAINTS AND DISPUTE RESOLUTION

14.1 COMPLAINTS HANDLING

In order to receive, record and respond to complaints in a timely manner, TGO has established the means of communication outlined in Section 13.

All complaints will be registered in a database and responded to verbally within 24 hours.

The following information will be recorded in the database:

- The date / time the complaint was made;
- Complainant's name;
- Complainant's telephone number and/or email address;
- Nature of complaint.

TGO response will include the following actions, depending on the nature and source of complaint:

1. Respond to the complainant to ascertain all details, identify the nature and source of the complaint, and provide supplementary details for the database. Further details to be recorded in the database will include:
 - the date and time of the complaint;
 - the method by which the complaint was made;
 - details of the person making the complaint;
 - the nature of the complaint;
 - action taken in relation to the complaint including any follow-up contact; and
 - if no action, the reason why.
2. As appropriate, the initiation of monitoring or other investigations to verify the exceedance or non-compliance with approval or licence condition(s).
3. Initiation of appropriate changes in operating practices or procedures.
4. Conducting a follow-up interview with the resident to determine their level of satisfaction with the response and the resultant outcome.

A copy of the complaint report sheet may be supplied to the complainant, if requested. The complaints database will be updated on the project website monthly and a summary of the complaints received in each 12 month period will also be included in each Annual Environmental Management Report. The Environment and Community Manager will be responsible for the recording of the complaint, response action requirements and updating of the database and website.

14.2 DISPUTE RESOLUTION

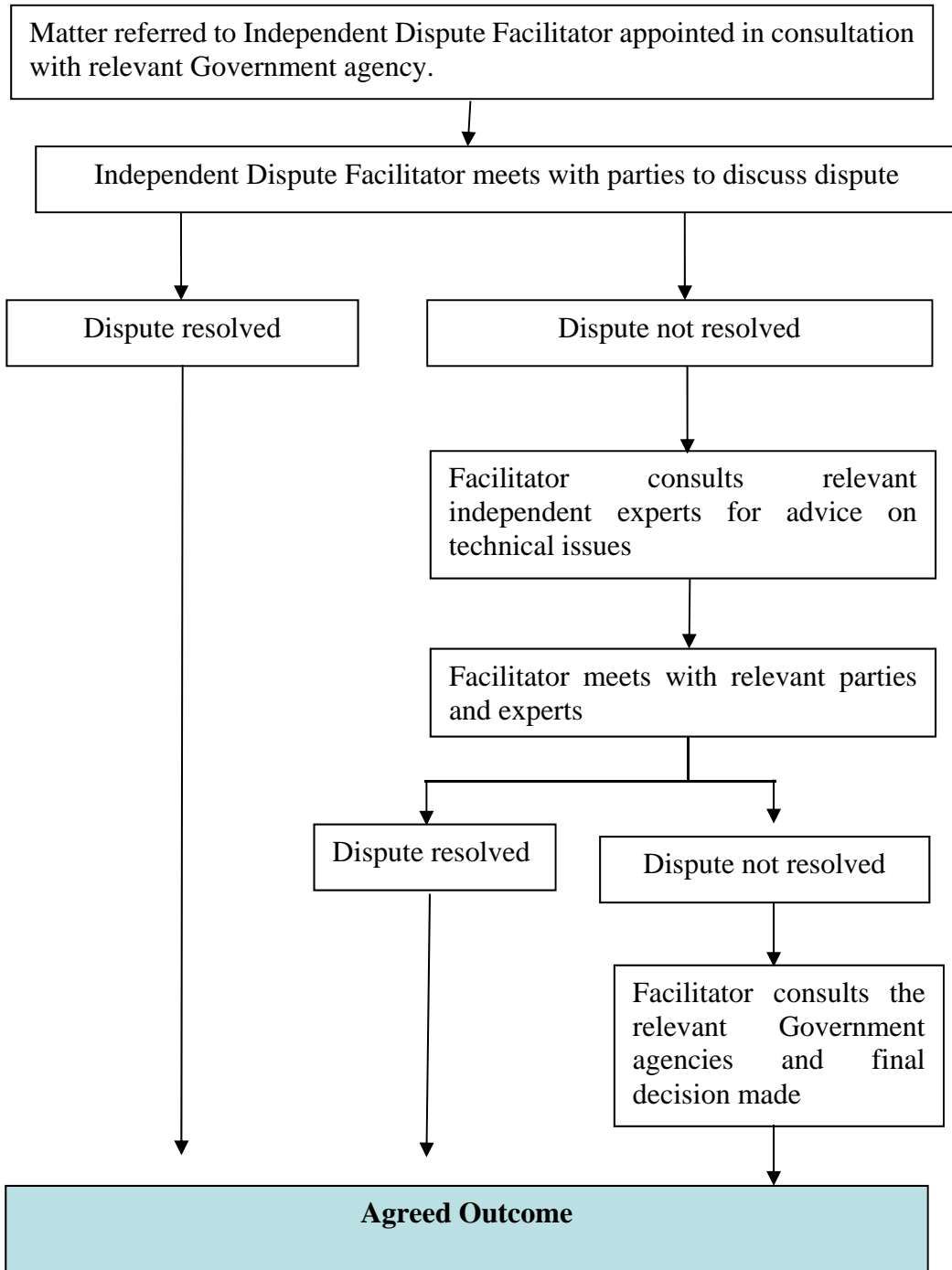
In the event that any complainant does not consider that the response adequately address their concerns, the following procedure will be adopted.

1. A meeting will be convened with the TGO Mining Manager or other senior Alkane personnel to seek resolution of the matter. The complainant will be provided with a written response, detailing the results of investigations undertaken and the agreed actions to be taken regarding the measures to be implemented.

2. On implementation of the nominated measures, a further meeting will be convened to seek feedback from the complainant on their level of satisfaction, or otherwise, regarding the outcomes.

If, after 21 days following Steps 1 and 2, the complainant believes the matter remains unresolved and no further agreement can be reached as to additional measures to be undertaken, the matter will be referred to an independent Dispute Facilitator for independent review. This dispute resolution process is shown in Figure 1.

Figure 1 Independent Dispute Resolution Process



15. ROLES AND RESPONSIBILITY

Table 8 outlines the responsibility of all personnel working on TGO with respect to environmental management.

Table 8 - Roles and Responsibilities

Role	Responsibilities
All Personnel	Duty of care with respect to environmental protection. Duty not to cause pollution of the environment. Duty to notify relevant supervisor, Environment and Community Manager or Mining Manager of any situation they suspect could cause harm or is causing harm to the environment. Duty to follow instruction and procedures issued by TGO with respect to environmental management.

In addition to the responsibility carried by all personnel the following personnel have additional responsibility with respect to environmental management on the TGO:

Role	Responsibilities
TGO Mining Manager	Accountable for the overall environmental performance of the Operations, including the outcomes of this EMS.
Environment and Community Manager	<ul style="list-style-type: none"> ▪ Provide technical direction to the Mining Manager; ▪ Liaison with external agencies, the community and stakeholders; ▪ Plan and coordinate TGO environmental management; ▪ Obtain the relevant licences, permits or approvals for the project; ▪ Manage environmental sub-consultants; ▪ Prepare and review environmental documentation; ▪ Coordinate response to environmental incidents; ▪ Implement EMS and EMPs, including monitoring, reporting of results, and identifying non-compliances with the trigger values. Implement an action plan in response to any non-compliances; ▪ Ensure relevant personnel receive adequate training in environmental awareness programs; ▪ Report to senior management on the environmental performance of the project and present recommendations for improvements; ▪ Establish a complaints management system and manage the investigation and resolution of complaints.
Senior Mining Engineer	<ul style="list-style-type: none"> ▪ Be aware of the environmental requirements within the EMS, EMPs and all licences and permits. ▪ Organise mining activities and consider environmental commitments during decision making to ensure compliance with requirements of these documents.
Blast Superintendent	<ul style="list-style-type: none"> ▪ Design blasts to ensure compliance with conditions of approval and EPL criteria. ▪ Monitor each blast. Where non-compliance recorded, advise Environment and Community Manager and Mine Manager.
Mining Superintendent	<ul style="list-style-type: none"> ▪ Be aware of the environmental requirements within the EMS, EMPs and all licences and permits. ▪ Organise activities to ensure compliance with requirements of these management documents.

	<ul style="list-style-type: none"> ▪ Ensure management controls (as presented in EMS/EMPs) are installed prior to operations and activities commence ▪ Inspect the site on a regular basis and ensure regular and adequate maintenance is undertaken to minimise potential for environmental impacts ▪ Ensure personnel are provided with appropriate environmental “Toolbox” training.
Shift Supervisor	<ul style="list-style-type: none"> ▪ Compliance with designated environmental procedures and controls. ▪ Reporting of environmental incidents
Processing Manager	<ul style="list-style-type: none"> ▪ Be aware of the environmental requirements within the EMS, EMPs and all licences and permits. ▪ Organise activities to ensure compliance with requirements of these management documents. ▪ Ensure management controls (as presented in EMS/EMPs) are installed prior to operations and activities commence ▪ Inspect the site on a regular basis and ensure regular and adequate maintenance is undertaken to minimise potential for environmental impacts ▪ Ensure personnel are provided with appropriate environmental “Toolbox” training.
Processing Superintendent	<ul style="list-style-type: none"> ▪ Be aware of the environmental requirements within the EMS, EMPs and all licences and permits. ▪ Organise activities to ensure compliance with requirements of these management documents. ▪ Ensure management controls (as presented in EMS/EMPs) are installed prior to operations and activities commence ▪ Inspect the site on a regular basis and ensure regular and adequate maintenance is undertaken to minimise potential for environmental impacts ▪ Ensure personnel are provided with appropriate environmental “Toolbox” training.

Appendix 1

Project Approval

Project Approval

Section 75J of the *Environmental Planning & Assessment Act 1979*

As delegate for the Minister for Planning and Infrastructure, I approve the project application referred to in Schedule 1, subject to the conditions in Schedules 2 to 5.

These conditions are required to:

- prevent, minimise, and/or offset adverse environmental impacts;
- set standards and performance measures for acceptable environmental performance;
- require regular monitoring and reporting; and
- provide for the ongoing environmental management of the project.

Richard Pearson
Deputy Director-General
Development Assessment and Systems Performance

Sydney

2012

SCHEDULE 1

Application Number:	09_0155
Proponent:	Alkane Resources Ltd
Approval Authority:	Minister for Planning and Infrastructure
Land:	See Appendix 1
Project:	Tomingley Gold Project

Red type represents November 2013 modification

Blue type represents April 2015 modification

Green type represents July 2016 modification

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DEFINITIONS

Annual Review	The review required by condition 4 of Schedule 5
Approval	This project approval
BCA	Building Code of Australia
CCC	Community Consultative Committee
Conditions of this approval	Conditions contained in Schedules 2 to 5 inclusive
Construction	Includes all on site activities associated with the project prior to commencing mining operations other than survey, acquisitions, fencing, establishment of construction site offices and associated infrastructure, exploration and any other activity covered by an existing approval, or any other activity which has a negligible impact
Council	Narromine Shire Council
Day	The period from 7am to 6pm on Monday to Saturday, and 8am to 6pm on Sundays and Public Holidays
Department	Department of Planning and Environment
DPI Water	The Water Division within the NSW Department of Primary Industries
DRE	Division of Resources and Energy within the NSW Department of Industry
EA	The environmental assessment titled 'Tomingley Gold Project: Environmental Assessment' dated November 2011 and associated response to submissions titled 'Tomingley Gold Project: Response to Submissions', dated March 2012, as modified by the: <ul style="list-style-type: none"> • letter from Alkane Resources to the Department dated 11 May 2012; • modification application dated 14 September 2013 and the associated correspondence from Tomingley Gold Operations Pty Ltd to the Department dated 21 October 2013; • Tomingley Gold Project: Environmental Assessment - Modification 2, dated December 2014; • Tomingley Gold Project: Environmental Assessment - Modification 3, dated November 2015 and associated response to submissions, dated February 2016.
EP&A Act	Environmental Planning and Assessment Act 1979
EP&A Regulation	Environmental Planning and Assessment Regulation 2000
EPA	Environment Protection Authority
EPL	Environment Protection Licence issued under the POEO Act
Evening	The period from 6pm to 10pm
Executive Director Mineral Resources	Executive Director, Mineral Resources within DRE, or equivalent position
Feasible	Feasible relates to engineering considerations and what is practical to build or to implement
Incident	A set of circumstances that: <ul style="list-style-type: none"> • causes or threatens to cause material harm to the environment; and/or • breaches or exceeds the limits or performance measures/criteria in this approval
Land	As defined in the EP&A Act, except for where the term is used in the noise and air quality conditions in Schedule 3 and throughout Schedule 4 of this approval where it is defined to mean the whole of a lot, or contiguous lots, owned by the same landowner, in a current plan registered at the Land Titles Office at the date of this approval
Material harm to the environment	Actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial
Mining operations	Includes the removal of waste rock and extracting, transporting, processing, handling and storing ore material on site
Minister	Minister for Planning, or delegate
Minor	Not very large, important or serious
Mitigation	Activities associated with reducing the impacts of the project prior to or during those impacts occurring
Negligible	Small and unimportant, such as to be not worth considering
Night	The period from 10pm to 7am on Monday to Saturday, and 10pm to 8am on Sundays and Public Holidays
OEH	Office of Environment and Heritage, within the Department of Premier and Cabinet
POEO Act	Protection of the Environment Operations Act 1997
Privately-owned land	Land that is not owned by a public agency or a mining company (or its subsidiary)
Project	The project described in the EA
Proponent	Alkane Resources Ltd, or any other person or persons who rely on this approval to carry out the development that is subject to this approval

Reasonable	Reasonable relates to the application of judgement in arriving at a decision, taking into account: mitigation benefits, cost of mitigation versus benefits provided, community views and the nature and extent of potential improvements
Rehabilitation	The treatment or management of land disturbed by the project for the purpose of establishing a safe, stable and non-polluting environment.
RMS	Roads and Maritime Services
Secretary	Secretary of the Department, or nominee
Site	The land listed in Appendix 1
Statement of Commitments	The Proponent's commitments in Appendix 7

SCHEDULE 2 ADMINISTRATIVE CONDITIONS

OBLIGATION TO MINIMISE HARM TO THE ENVIRONMENT

1. In addition to meeting the specific performance criteria established under this approval, the Proponent shall implement all reasonable and feasible measures to prevent and/or minimise any material harm to the environment that may result from the construction, operation or rehabilitation of the project.

TERMS OF APPROVAL

2. The Proponent shall carry out the project generally in accordance with the:
 - (a) EA;
 - (b) Statement of Commitments; and
 - (c) conditions of this approval.

Notes:

- The general layout of the project is shown in Appendix 2; and
- The Statement of Commitments is reproduced in Appendix 7.

3. If there is any inconsistency between the above documents, the most recent document shall prevail to the extent of the inconsistency. However, the conditions of this approval shall prevail to the extent of any inconsistency.
4. The Proponent shall comply with any reasonable requirement/s of the Secretary arising from the Department's assessment of:
 - (a) any strategies, plans, programs, reviews, audit correspondence that are submitted in accordance with this approval;
 - (b) any report, reviews or audits commissioned by the Department regarding compliance with this approval; and
 - (c) the implementation of any actions or measures contained in these documents.

LIMITS ON APPROVAL

5. The Proponent may carry out mining operations on the site until 31 December 2022.

Note: Under this approval, the Proponent is required to rehabilitate the site and perform additional undertakings to the satisfaction of both the Secretary and the Executive Director Mineral Resources. Consequently, this approval will continue to apply in all other respects other than the right to conduct mining operations until the rehabilitation of the site and these additional undertakings have been carried out satisfactorily.

6. The Proponent shall not:
 - (a) process more than 1.5 million tonnes of ore at the site in a calendar year;
 - (b) transport unprocessed ore from the site; or
 - (c) process any ore other than that extracted from the site.

7. DELETED

STRUCTURAL ADEQUACY

8. The Proponent shall ensure that all new buildings and structures, and any alterations or additions to existing buildings and structures, are constructed in accordance with the relevant requirements of the BCA.

Notes:

- Under Part 4A of the EP&A Act, the Proponent is required to obtain construction and occupation certificates for the proposed building works; and
- Part 8 of the EP&A Regulation sets out the requirements for the certification of the project.

DEMOLITION

9. The Proponent shall ensure that all demolition work is carried out in accordance with Australian Standard AS 2601-2001: The Demolition of Structures, or its latest version.

PROTECTION OF PUBLIC INFRASTRUCTURE

10. Unless the Proponent and the applicable authority agree otherwise, the Proponent shall:
 - (a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by the project; and
 - (b) relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the development.

11. Unless otherwise agreed by RMS, all works associated with the underpass of the Newell Highway, all pipeline and transmission line crossings of classified roads, and all works connecting to classified roads shall be undertaken in accordance with the Works Authorisation Deed agreed between the Proponent and RMS and effective from 12 May 2011.

OPERATION OF PLANT AND EQUIPMENT

12. The Proponent shall ensure that all the plant and equipment used at the site, or to transport materials from the site, is:
 - (a) maintained in a proper and efficient condition; and
 - (b) operated in a proper and efficient manner.

STAGED SUBMISSION OF ANY STRATEGY, PLAN OR PROGRAM

13. With the approval of the [Secretary](#), the Proponent may:
 - (a) submit any strategy, plan or program required by this approval on a progressive basis; and
 - (b) combine any strategy, plan or program required by this approval with any similar strategy, plan or program required for the project.

Notes:

- *While any strategy, plan or program may be submitted on a progressive basis, the Proponent will need to ensure that the activities on site are covered by suitable strategies, plans or programs at all times; and*
- *If the submission of any strategy, plan or program is to be staged, then the relevant strategy, plan or program must clearly describe the specific stage to which the strategy, plan or program applies, the relationship of this stage to any future stages, and the trigger for updating the strategy, plan or program.*

PLANNING AGREEMENT

14. [By 30 November 2016, unless otherwise agreed by the Secretary, the Proponent shall amend the current planning agreement with Council under Division 6 of Part 4 of the EP&A Act to reflect the terms outlined in Appendix 3.](#)
-

SCHEDULE 3 ENVIRONMENTAL PERFORMANCE CONDITIONS

NOISE

Acquisition Upon Request

- Upon receiving a written request for acquisition from an owner of the land in Table 1, the Proponent shall acquire the land in accordance with the procedures in conditions 6-7 of schedule 4.

Table 1: Land subject to acquisition upon request

Lot	DP
156	755093
157	755093
1622	1178801

Additional Noise Mitigation Measures

- Upon receiving a written request from the owner of the properties identified as R3, R23, R27, R28, R29, R32, R33 or R41, the Proponent shall implement additional noise mitigation measures (such as double-glazing, insulation and/or air conditioning) at the residence in consultation with the landowner. These measures must be reasonable and feasible, and directed towards reducing the noise impacts of the project on the residence.

If the Proponent and the owner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to the [Secretary](#) for resolution.

Note: to interpret the locations referred to in condition 2 of schedule 3, see the figure in Appendix 4.

Noise Criteria

- Until 30 June 2019, unless agreed otherwise by the Secretary, the Proponent shall ensure that the noise generated by the project does not exceed the criteria in Table 2 at any residence on privately-owned land (except for residences on the land identified in Table 1).

Table 2: Noise Criteria dB(A)

Noise Assessment Group	Receivers	Day	Evening	Night	
		(LAeq(15-minute))	(LAeq(15-minute))	(LAeq(15-minute))	(LA1(1-minute))
NAG A	R1, R4, R6	36	36	36	45
	R5	37	37	37	45
	All other receivers	35	35	35	45
NAG B	All receivers	36	36	36	45
NAG C	R3	49	40	40	45
	R27	46	38	38	45
	R28	46	39	39	45
	R29	48	40	40	45
	R33	46	39	39	45
	R41	46	38	38	45
	All other receivers	46	37	37	45
NAG D	R23, R32	43	39	39	46
	All receivers	43	38	38	46
All other residential receivers		35	35	35	45

- From 30 June 2019, unless agreed otherwise by the Secretary, the Proponent shall ensure that the noise generated by the project does not exceed the criteria in Table 2A at any residence on privately-owned land (except for the land identified in Table 1).

Table 2A: Noise Criteria dB(A)

Noise Assessment Group	Receivers	Day	Evening	Night	
		(LAeq(15-minute))	(LAeq(15-minute))	(LAeq(15-minute))	(LA1(1-minute))
NAG A	All receivers	35	35	35	45
NAG B	All receivers	36	35	35	45
NAG C	All receivers	45	35	35	45
NAG D	All receivers	43	38	36	45

All other residential receivers	35	35	35	45
---------------------------------	----	----	----	----

Noise generated by the development is to be measured in accordance with the relevant requirements of the *NSW Industrial Noise Policy* (as may be updated from time-to-time) or an equivalent NSW Government noise policy, as amended by Appendix 7 which sets out the meteorological conditions under which these criteria apply and the requirements for evaluating compliance with these criteria.

However, these criteria do not apply if the Proponent has an agreement with the relevant owner(s) of these residences/ land to generate higher noise levels, and the Proponent has advised the Department in writing of the terms of this agreement.

Notes

- To interpret the locations referred to in Tables 2 and 2A, see the figure in Appendix 4;
- Noise generated by the project is to be measured in accordance with the relevant requirements and exemptions (including certain meteorological conditions) of the *NSW Industrial Noise Policy*.

Operating Hours

4. The Proponent shall comply with the operating hours in Table 3.

Table 3: Operating hours

Activity	Operating Hours
Vegetation clearing and topsoil stripping	6am-6pm, 7 days per week
Construction	24 hours, 7 days per week
Mining, maintenance and processing operations	
Rehabilitation	7am-10pm, 7 days per week

Note: Condition 8 includes restrictions on blasting times.

- 4A. The Proponent shall only undertake construction works on the modified amenity bund between 7am and 6pm Monday to Friday and 8am and 1pm Saturday.

Notes:

- For the location of the modified amenity bund, see the figure in Appendix 2.
- The maximum height of the modified amenity bund must not exceed 8 m, unless otherwise agreed by the Secretary.

Operating Conditions

5. The Proponent shall:
- implement best management practice, including all reasonable and feasible noise mitigation measures, to minimise the construction, operational and traffic noise of the project; including measures to:
 - minimise maximum noise levels from the tipping of waste rock; and
 - relocate mobile plant from elevated and exposed sections of the site under adverse meteorological conditions at night;
 - operate a noise management system on site that uses a combination of predictive meteorological forecasting and real-time noise monitoring data to guide the day to day planning of mining operations and the implementation of both proactive and reactive noise mitigation measures to ensure compliance with the relevant conditions of this approval;
 - investigate ways to minimise the noise generated by the project;
 - maintain the effectiveness of noise suppression equipment on plant at all times and ensure that defective plant is not used operationally until fully repaired;
 - minimise the noise impacts of the project during meteorological conditions when the noise limits in this approval do not apply; and
 - report on these investigations and the implementation and effectiveness of these measures in the Annual Review, to the satisfaction of the Secretary.

Noise Management Plan

6. The Proponent shall prepare and implement a Noise Management Plan for the project to the satisfaction of the Secretary. The plan must:
- be prepared in consultation with the EPA and Council, and submitted to the Secretary for approval by the end of January 2013, unless the Secretary agrees otherwise;

- (b) describe the measures that would be implemented to ensure compliance with conditions 3-5 of this schedule, including a trigger action response plan based on noise complaints, real time and attended noise monitoring;
- (c) include a monitoring program that:
 - (i) uses a combination of real-time and supplementary attended monitoring measures to evaluate the performance of the project;
 - (ii) adequately supports the proactive and reactive noise management system on site;
 - (iii) defines what constitutes a noise incident, and includes a protocol for identifying noise incidents and notifying the Department and relevant stakeholders of any such incident;
 - (iv) evaluates and reports on the effectiveness of the noise management system on site;
 - (v) includes a program to calibrate and validate the real time noise monitoring results with the attended monitoring results over time (so the real time monitoring program can be used as a better indicator of compliance with the noise criteria in this approval and a trigger for further attended monitoring); and
- (d) include a noise reduction strategy for progressively reducing mine noise during open cut mining operations, consistent with the noise scenarios described in the document 'Tomingley Gold Mine Environmental Assessment – Project Approval No. 09_0155 Modification 3' dated November 2015.

BLASTING

Blasting Criteria

- 7. The Proponent shall ensure that blasting on the site does not cause exceedances of the criteria in Table 4.

Table 4: Blasting Criteria

Location	Airblast Overpressure (dB(Lin Peak))	Ground Vibration (mm/s)	Allowable Exceedance
Residence on privately-owned land	120 115	10 5	0% 5% of total blasts over any 12 month period
All public infrastructure	-	50, or alternatively, a specific limit determined to the satisfaction of the Secretary by the structural design methodology in AS 2187.2-2006, or its latest version	0%

However, these criteria do not apply if the Proponent has a written agreement with the relevant landowner, and has advised the Department in writing of the terms of this agreement.

Blasting Hours

- 8. The Proponent shall only carry out blasting on site between 9:00am and 5:00pm Monday to Saturday, inclusive. No blasting is allowed on Sundays, public holidays or at any other time without the written approval of the Secretary.

Blasting Frequency

- 9. The Proponent may carry out a maximum of three blasts per day for mining operations on the site, unless an additional blast is required following a blast misfire.

This condition does not apply to blasts that generate ground vibration of 0.5 mm/s or less at any residence on privately-owned land, or blasts required to ensure the safety of the site or its workers.

Note: for the purpose of this condition, a blast refers to a single blast event, which may involve a number of individual blasts fired in quick succession in a discrete area of the site.

Property Inspections

- 10. The Proponent shall advise the owners of privately-owned land within 2 kilometres of blasting operations at least 2 months prior to blasting that they are entitled to a structural property inspection to establish the baseline condition of buildings and other structures on the property.
- 11. If the Proponent receives a written request from any such landowner, then within one month of receiving the request, and where possible prior to blasting, the Proponent shall:
 - (a) commission a suitably qualified, experienced and independent person, whose appointment is acceptable to both parties to:

- (i) establish the baseline condition of any buildings and other structures on the land, or update the previous property inspection report; and
- (ii) identify measures that should be implemented to minimise the potential blasting impacts of the project on these buildings and/ or structures; and
- (b) give the landowner a copy of the new or updated property inspection report.

If there is a dispute over the selection of the suitably qualified, experienced and independent person, or the Proponent or the landowner disagrees with the findings of the property inspection report, either party may refer the matter to the [Secretary](#) for resolution.

Property Investigations

12. If the owner of any privately-owned land claims that buildings and/ or structures on his/ her land have been damaged as a result of blasting on the site, then within one month of receiving this claim the Proponent shall:
- (a) commission a suitably qualified, experienced and independent person, whose appointment is acceptable to both parties to investigate the claim; and
 - (b) give the landowner a copy of the property investigation report.

If this independent property investigation confirms the landowner's claim, and both parties agree with these findings, then the Proponent shall repair the damage to the satisfaction of the [Secretary](#).

If there is a dispute over the selection of the suitably qualified, experienced and independent person, or the Proponent or the landowner disagrees with the findings of the independent property investigation, either party may refer the matter to the [Secretary](#) for resolution.

Operating Conditions

13. During operation of the project, the Proponent shall:
- (a) implement best management practice to:
 - (i) protect the safety of people and livestock in the surrounding area;
 - (ii) protect public or private infrastructure/ property in the surrounding area from any damage, including the Newell Highway; and
 - (iii) minimise the dust and fume emissions from any blasting;
 - (b) minimise the frequency and duration of any road closures, and avoid road closures during peak traffic periods; and
 - (c) operate a suitable system to enable the public to get up-to-date information on the proposed blasting schedule on site, to the satisfaction of the [Secretary](#).

Blast Management Plan

14. The Proponent shall prepare and implement a Blast Management Plan for the project to the satisfaction of the [Secretary](#). This plan must:
- (a) be prepared in consultation with OEH, RMS and Council, and submitted to the [Secretary](#) for approval prior to undertaking any blasting in conjunction with mining operations on-site;
 - (b) describe the blast mitigation measures that would be implemented to ensure compliance with conditions 7-13 of this schedule; and
 - (c) include a blast monitoring program to evaluate the performance of the project.

AIR QUALITY AND GREENHOUSE GAS

Odour

15. The Proponent shall ensure that no offensive odours, as defined under the POEO Act, are emitted from the site.

Greenhouse Gas Emissions

16. The Proponent shall implement all reasonable and feasible measures to minimise the release of greenhouse gas emissions from the site to the satisfaction of the [Secretary](#).

Air Quality Criteria

17. The Proponent shall ensure that all reasonable and feasible avoidance and mitigation measures are employed so that particulate matter emissions generated by the project do not exceed the criteria listed in Tables 5, 6 or 7 at any residence on privately-owned land or on more than 25 percent of any privately-owned land.

Table 5: Long term impact assessment criteria for particulate matter

Pollutant	Averaging Period	^d Criterion
Total suspended particulate (TSP) matter	Annual	^a 90 µg/m ³
Particulate matter < 10 µm (PM ₁₀)	Annual	^a 30 µg/m ³

Table 6: Short term impact assessment criterion for particulate matter

Pollutant	Averaging Period	^d Criterion
Particulate matter < 10 µm (PM ₁₀)	24 hour	^a 50 µg/m ³

Table 7: Long term impact assessment criteria for deposited dust

Pollutant	Averaging Period	Maximum increase in deposited dust level	Maximum total deposited dust level
^c Deposited dust	Annual	^b 2 g/m ² /month	^{a, d} 4 g/m ² /month

Notes to Tables 5-7:

- ^a Total impact (ie incremental increase in concentrations due to the project plus background concentrations due to all other sources);
- ^b Incremental impact (ie incremental increase in concentrations due to the project on its own);
- ^c Deposited dust is to be assessed as insoluble solids as defined by Standards Australia, AS/NZS 3580.10.1:2003: Methods for Sampling and Analysis of Ambient Air - Determination of Particulate Matter - Deposited Matter - Gravimetric Method; and
- ^d Excludes extraordinary events such as bushfires, prescribed burning, dust storms, sea fog, fire incidents or any other activity agreed by the Secretary.

Operating Conditions

18. The Proponent shall:
- implement best management practice, including all reasonable and feasible measures to minimise the off-site odour, fume and dust emissions from the project;
 - regularly assess the predictive meteorological forecasting data and real-time air quality monitoring data to guide the day-to-day planning of mining operations and implementation of both proactive and reactive air quality mitigation measures to ensure compliance with the relevant conditions of this approval;
 - minimise the air quality impacts of the project during adverse meteorological conditions and extraordinary events (see Note d to Tables 5-7);
 - monitor and report on compliance with the relevant air quality conditions in this approval; and
 - take all practical measures to minimise dust emissions from the residue storage facility, to the satisfaction of the Secretary.

Air Quality and Greenhouse Gas Management Plan

19. The Proponent shall prepare and implement an Air Quality and Greenhouse Gas Management Plan for the project to the satisfaction of the Secretary. This plan must:
- be prepared in consultation with the EPA and Council, and be submitted to the Secretary for approval by the end of January 2013, unless the Secretary agrees otherwise;
 - describe the measures that would be implemented to ensure compliance with conditions 15-18 of this schedule, including a trigger action response plan based on air complaints, air quality and visual monitoring and meteorological forecasting and monitoring;
 - include a program for the implementation of the measures referred to in (b) above;
 - include an air quality monitoring program that
 - uses a combination of real-time and supplementary attended monitoring measures to evaluate the performance of the project;
 - adequately supports the proactive and reactive air quality management system on site; and
 - includes a protocol for determining exceedances of the relevant conditions of this approval; and
 - describe the measures that would be implemented to minimise the release of greenhouse gas emissions from the site.

METEOROLOGICAL MONITORING

20. For the life of the project, the Proponent shall ensure that there is a suitable meteorological station operating in the vicinity of the site that:

- (a) complies with the requirements in the *Approved Methods for Sampling of Air Pollutants in New South Wales* guideline; and
- (b) is capable of continuous real-time measurement of temperature lapse rate in accordance with the *NSW Industrial Noise Policy*, unless a suitable alternative is approved by the [Secretary](#) following consultation with the EPA.

SOIL AND WATER

Note: Under the Water Act 1912 and/ or the Water Management Act 2000, the Proponent is required to obtain the necessary water licences for the project.

Water Supply

- 21. The Proponent shall ensure that it has sufficient water for all stages of the project, and if necessary, adjust the scale of mining operations to match its available water supply, to the satisfaction of the [Secretary](#).
- 22. With the exception of potable water sourced to supply domestic consumption needs on the site, the Proponent shall preferentially employ water harvested from the site or generated through mine dewatering in place of potable water sourced from off-site.

Water Discharges

- 23. The Proponent shall ensure that all surface water discharges from the site comply with:
 - (a) section 120 of the POEO Act; or
 - (b) the discharge limits (both volume and quality) set for the project in any applicable EPL.
- 24. The concentration of Weak Acid Dissociable (WAD) cyanide in tailings discharged from the discharge point to the residue storage facility shall not exceed 20 mg/L (90th percentile) or 30 mg/ L (maximum).

Drainage and Flooding

- 25. The Proponent shall ensure that surface water diversion structures constructed as part of the project do not increase the frequency of flooding on the Newell Highway.

Compensatory Water Supply

- 26. The Proponent shall provide a compensatory water supply to any owner on privately-owned land whose water entitlements are adversely impacted (other than an impact that is negligible) as a result of the project, in consultation with [DPI Water](#), and to the satisfaction of the [Secretary](#).

The compensatory water supply measures must provide an alternative long-term supply of water that is equivalent to the loss attributable to the project. Equivalent water supply should be provided (at least on an interim basis) within 24 hours of the loss being identified, unless otherwise agreed with the landowner.

If the Proponent and the affected landowner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to the [Secretary](#) for resolution.

If the Proponent is unable to provide an alternative long-term supply of water, then the Proponent shall provide alternative compensation to the satisfaction of the [Secretary](#).

Note: the Water Management Plan prepared in accordance with condition 32 shall describe the procedures for:

- assessing the impacts of the project on water entitlements on privately-owned land; and
- the provision of compensatory water supply.

Water Performance Measures

- 27. The Proponent shall comply with the performance measures in Table 8 to the satisfaction of the [Secretary](#).

Table 8: Water management performance measures

<i>Feature</i>	<i>Performance Measure</i>
Water management – General	Minimise the use of clean water on site Minimise the need for make-up water from external potable water supplies
Construction and operation of infrastructure	Design, install and maintain erosion and sediment controls generally in accordance with the series <i>Managing Urban Stormwater: Soils and Construction</i> including <i>Volume 1, Volume 2A – Installation of Services</i> and <i>Volume 2C – Unsealed Roads</i>

Feature	Performance Measure
	Design, install and maintain the infrastructure within 40 m of watercourses generally in accordance with the: <ul style="list-style-type: none"> Guidelines for Controlled Activities on Waterfront Land (DPI 2007), or its latest version Guidelines for fish habitat conservation and management – Chapter 4 (DPI 2013), or its latest version.
Clean water diversion & storage infrastructure	Design, install and maintain the clean water system to capture and convey the 100 year ARI flood Maximise as far as reasonable and feasible the diversion of clean water around disturbed areas on site
Sediment dams	Design, install and maintain the dams generally in accordance with the series <i>Managing Urban Stormwater: Soils and Construction – Volume 1 and Volume 2E Mines and Quarries</i> Ensure the capacity of all sediment dams is sufficient to contain rainfall up to a 10 day 90 percentile rain event
Mine water management system, including residue storage facility and associated collection pond	<ul style="list-style-type: none"> No unlicensed or uncontrolled discharge of mine water off-site (except in accordance with condition 23) Ensure that the capacity of the residue storage facility and associated collection pond is designed to meet the requirements of the <i>Environmental Guidelines – Management of Tailing Storage Facilities</i> (Vic DPI, 2004), or its latest version, and that the floor and walls are lined to achieve a permeability standard of at least 1 x 10⁻⁹ m/s, unless otherwise agreed by the EPA and the Secretary Maintain adequate freeboard (i.e. minimum 500 mm) in the residue storage facility at all times All water storages on site that receive chemical or salt laden water, including the dewatering ponds, raw water dams and process water dams are lined to achieve a permeability standard of at least 1 x 10⁻⁹ m/s, unless otherwise agreed by the EPA and the Secretary Maintain adequate freeboard (i.e. minimum 200 mm) in the process water and raw water dams at all times
Chemical and hydrocarbon storage	Chemical and hydrocarbon products to be stored in bunded areas in accordance with the relevant Australian Standards
Gundong Creek	Maintain or improve baseline channel stability Develop site-specific water quality trigger levels in accordance with ANZECC 2000 and <i>Using the ANZECC Guidelines and Water Quality Objectives in NSW</i> procedures (DECC 2006), or its latest version

28. deleted
29. deleted
30. deleted

Baseline Groundwater Monitoring

31. The Proponent shall obtain at least 6 months of additional baseline groundwater monitoring within 12 months of the project approval. This monitoring shall:
- be sourced from bores WYMB02, WYMB03, WYMB04, WYMB06 (as shown in Figure 4.19 of the EA), and a new bore in the Gundong Creek alluvium to be established in consultation with [DPI Water](#); and
 - include a minimum of monthly measurements of standing water level and water quality parameters consistent with those monitored in the EA.

Water Management Plan

32. The Proponent shall prepare and implement a Water Management Plan for the project to the satisfaction of the [Secretary](#). This plan must be prepared in consultation with the EPA and [DPI Water](#), by a suitably qualified and experienced person(s) whose appointment has been approved by the [Secretary](#), and submitted to the [Secretary](#) for approval by the end of January 2013, unless the [Secretary](#) agrees otherwise.

In addition to the standard requirements for management plans (see Condition 3 of Schedule 5), this plan must include:

- a Site Water Balance that:

- (i) includes details of:
 - sources and security of water supply;
 - water use on site;
 - water management on site;
 - off-site water discharges, including volume, timing and release point infrastructure requirements;
 - reporting procedures, including comparisons of the site water balance for each calendar year; and
- (ii) describe what measures would be implemented to minimise potable water use on site;
- (b) a Surface Water Management Plan that includes:
 - (i) detailed baseline data on surface water flows and quality in creeks and other waterbodies that could be affected by the project (including Gundong Creek);
 - (ii) a detailed description of the water management system on site, including:
 - clean water diversion systems, including the clean water and dirty water separation levee;
 - erosion and sediment controls, including sediment dam capacity; and
 - water storages;
 - (iii) detailed plans, including design objectives and performance criteria, for:
 - design and management of the final voids;
 - design and management of water storages including the residue storage facility and process water dams; and
 - control of any potential water pollution from the rehabilitated areas of the site;
 - (iv) a program to monitor:
 - the effectiveness of the water management system;
 - potential leakage or spillage from on-site pipelines
 - surface water flows and quality, stream health and channel stability in Gundong Creek (in so far as it could potentially be affected by the project);
 - (v) a plan to respond to any exceedances of the performance criteria, and mitigate and/or offset any adverse surface water impacts of the project; and
 - (vi) reporting procedures for the results of the monitoring program; and
- (c) a Groundwater Management Plan, that includes:
 - (i) detailed baseline data on groundwater levels, yield and quality in the region, and privately-owned groundwater bores, that could be affected by the project;
 - (ii) groundwater assessment criteria, including trigger levels for investigating any potentially adverse groundwater impacts;
 - (iii) a program to monitor:
 - groundwater inflows to the open cut and underground mining operations;
 - the impacts of the project on:
 - alluvial aquifers; and
 - any groundwater bores on privately-owned land that could be affected by the project;
 - the seepage/leachate from the residue storage facility, water storages, backfilled voids and the final void; and
 - the quality of groundwater to be re-used on the site;
 - (iv) a program for the on-going verification and refinement of the groundwater model, including the review and incorporation of additional baseline data obtained in accordance with condition 31, within 12 months of the project approval; and
 - (v) a plan to respond to any exceedances of the groundwater assessment criteria; and
 - (vi) should geochemical testing reveal a higher risk of acid rock or saline drainage, the Proponent shall prepare an acid mine drainage strategy in consultation with DPI Water and to the satisfaction of the Secretary.

BIODIVERSITY

Biodiversity Offset

33. The Proponent shall implement the offset strategy outlined in Table 9, and shown in Appendix 5, to the satisfaction of the Secretary.

Table 9: Biodiversity Offset

Community Type	Offset Area to be Conserved (ha)	Remnant Extension (Protection and Ameliorative Planting) (ha)
Inland Grey Box – Poplar Box – White Cypress Pine tall woodland on red loams (Benson 76)	21.1	21.5

River Red Gum riverine woodland forest (Benson 78)	13.1	13.5
Fuzzy Box – Inland Grey Box on alluvial brown loam soils (Benson 201)	5.0	26.0
Poplar Box – Belah woodland on clay alluvial plains (Benson 56)	1.9	0
Belah/ Black Oak Western Rosewood, Wilga Community (Benson 57)	25.5	0
TOTAL	66.6	61.0

34. By 31 January 2015, the Proponent shall make suitable arrangements to provide appropriate long-term security for the Offset Area in the strategy to the satisfaction of the [Secretary](#).

Pre-Clearing Surveys

35. Prior to and during vegetation clearing, the Proponent shall engage a suitably qualified and/or experienced ecologist to confirm the presence of nesting/roosting species in areas to be affected by clearing activities.
36. Should any Grey-crowned Babblers be identified on the site, the Proponent shall develop measures to either relocate the birds or protect them and their roosting habitat from disturbance during vegetation clearing and construction works.

Biodiversity Management Plan

37. The Proponent shall prepare a Biodiversity Management Plan for the project to the satisfaction of the [Secretary](#). This plan must:
- be prepared in consultation with OEH, and submitted to the [Secretary](#) for approval by the end of January 2013, unless the [Secretary](#) agrees otherwise;
 - describe how the implementation of the biodiversity offset strategy would be integrated with the overall rehabilitation of the site;
 - describe the short, medium, and long term measures that would be implemented to:
 - manage the remnant vegetation and habitat on the site and in the offset area/s (if and when applicable); and
 - implement the biodiversity offset strategy (if and when applicable), including detailed performance and completion criteria;
 - include detailed performance and completion criteria for evaluating the performance of the biodiversity offset strategy, and triggering remedial action (if necessary);
 - include a detailed description of the measures that would be implemented over the next 3 years, including the procedures to be implemented for:
 - enhancing the quality of existing vegetation and fauna habitat;
 - restoring native vegetation and fauna habitat on the biodiversity areas and rehabilitation area through focusing on assisted natural regeneration, targeted vegetation establishment and the introduction of naturally scarce fauna habitat features (where necessary);
 - maximising the salvage of resources within the approved disturbance area - including vegetative, soil and cultural heritage resources – for beneficial reuse in the enhancement of the biodiversity areas or rehabilitation area;
 - collecting and propagating seed;
 - minimising the impacts on fauna on site, including pre-clearance surveys and minimising the potential exposure to tailings;
 - controlling weeds and feral pests;
 - controlling erosion;
 - managing grazing and agriculture on site;
 - controlling access; and
 - bushfire management;
 - include a seasonally-based program to monitor and report on the effectiveness of these measures, and progress against the detailed performance and completion criteria;
 - identify the potential risks to the successful implementation of the biodiversity offset strategy, and include a description of the contingency measures that would be implemented to mitigate against these risks; and
 - include details of who would be responsible for monitoring, reviewing, and implementing the plan.

Conservation Bond

38. Within three months of the approval of the Biodiversity Management Plan, the Proponent shall lodge a conservation bond with the Department to ensure that the biodiversity offset is implemented in accordance with the performance and completion criteria of the Biodiversity Management Plan.

The sum of the bond shall cover the full cost of implementing the Biodiversity Offset Strategy and be verified by a suitably qualified rehabilitation specialist or quantity surveyor.

If the biodiversity offset is implemented to the satisfaction of the **Secretary**, the **Secretary** will release the conservation bond. If the offset strategy is not implemented to the satisfaction of the **Secretary**, the **Secretary** will call in all or part of the conservation bond, and arrange for the satisfactory implementation of the biodiversity offset.

If the offset strategy is not completed generally in accordance with the completion criteria in the Biodiversity Management Plan, the **Secretary** will call in all or part of the conservation bond, and arrange for the satisfactory completion of the relevant works.

With the agreement of the **Secretary**, this bond may be combined with the rehabilitation security deposit administered by DRE.

HERITAGE

Heritage Management Plan

39. The Proponent shall prepare and implement a Heritage Management Plan for the project to the satisfaction of the **Secretary**. This plan must:
- (a) be prepared by a suitably qualified and experienced person(s) whose appointment has been endorsed by the **Secretary**;
 - (b) be prepared in consultation with OEH and the Aboriginal stakeholders (in relation to the management of Aboriginal heritage values);
 - (c) be submitted to the **Secretary** for approval by the end of January 2013, unless the **Secretary** agrees otherwise;
 - (d) include the following for the management of Aboriginal heritage:
 - (i) a description of the measures that would be implemented for:
 - protecting, monitoring and/ or managing heritage items on site;
 - implementing proposed archaeological investigations and/ or salvage measures for heritage items on site;
 - managing the discovery of any human remains or previously unidentified Aboriginal objects on site;
 - maintaining and managing reasonable access for Aboriginal stakeholders to heritage items on site;
 - on-going consultation with the Aboriginal stakeholders in the conservation and management of Aboriginal cultural heritage on site; and
 - ensuring workers on-site receive suitable heritage inductions prior to carrying out works on the site, and that suitable records are kept of these inductions;
 - (ii) a strategy for the storage of any heritage items salvaged on site, both during the project and in the long term;
 - (e) include the following for the management of non-Aboriginal heritage:
 - (i) a description of the measures that would be implemented for:
 - protecting, monitoring and/ or managing heritage items on site;
 - managing the discovery of any previously unidentified non-Aboriginal objects on site; and
 - ensuring workers on-site receive suitable heritage inductions prior to carrying out works on the site, and that suitable records are kept of these inductions; and
 - (ii) a strategy for the storage of any heritage items salvaged on site, both during the project and in the long term.

TRANSPORT

Dangerous Goods

40. Transportation of all dangerous goods to or from the site shall be undertaken in strict accordance with *Australian Code for the Transport of Dangerous Goods by Road and Rail*.

Road Upgrades

41. **By 31 March 2014**, the Proponent shall upgrade Tomingley West Road between the intersection with Narromine-Tomingley Road and the intersection with the mine access road, to the satisfaction of Council.

Access Road Construction

42. **By 31 March 2014**, the Proponent shall construct the site access road intersection with Tomingley West Road in accordance with the requirements of Council.

Operating Conditions

43. The Proponent shall ensure that heavy vehicle movements associated with mining operations do not exceed 8 per day (4 in and 4 out), when measured as a daily average over any calendar month.

Traffic Management Plan

44. The Proponent shall prepare and implement a Traffic Management Plan to the satisfaction of the [Secretary](#). The plan shall:
- focus on traffic management along Tomingley West Road and through the village of Tomingley to minimise the potential for conflicts between project-related traffic and other road users;
 - describe the measures to be implemented to ensure the effective operation of the intersections between the project site and the Newell Highway, including the site access road and Tomingley West Road intersection and the Tomingley-Narromine Road and Newell Highway intersection; and
 - be developed in consultation with Council and RMS, and must be submitted for the approval of the [Secretary](#) prior to the commencement of construction.

VISUAL

Operating Conditions

45. The Proponent shall:
- implement all reasonable and feasible measures to minimise the visual and off-site lighting impacts of the project;
 - establish and maintain an effective vegetation screen and vegetated amenity bund consistent with the documents in condition 2 of schedule 2;
 - ensure no outdoor lights shine above the horizontal; and
 - ensure that all external lighting associated with project complies with *Australian Standard AS4282 (INT) 1995 – Control of Obtrusive Effects of Outdoor Lighting*, to the satisfaction of the [Secretary](#).

Additional Visual Mitigation Measures

46. Upon receiving a written request from the owner of any residence on privately-owned land which has, or would have, significant direct views of the project operations, the Proponent shall implement visual mitigation measures (such as landscaping treatments or vegetation screens) on the land in consultation with the landowner. These measures must be reasonable and feasible, and directed toward minimising the visibility of the project operations from the affected residence.

If within three months of receiving this request from the landowner, the Proponent and the landowner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to the [Secretary](#) for resolution.

HAZARDOUS MATERIALS

Final Hazard Analysis

47. The Proponent shall prepare a Final Hazards Analysis (FHA) for the project to the satisfaction of the [Secretary](#), in accordance with the Department's *Hazardous Industry Planning Advisory Paper No. 6 – Guidelines for Hazard Analysis*.

Note: if the project design is no different from that assessed in the Preliminary Hazard Analysis (PHA), then the [Secretary](#) will accept the PHA as the FHA.

Hazardous Materials Management Plan

48. The Proponent shall prepare and implement a Hazardous Materials Management Plan for the project to the satisfaction of the [Secretary](#). The plan must:
- be prepared in consultation with relevant government agencies including Council, RMS, EPA, [DPI Water](#), WorkCover NSW and DRE;
 - be consistent with the *International Cyanide Management Code for the Manufacture, Transport and Use of Cyanide in the Production of Gold*;
 - be submitted to the [Secretary](#) for approval prior to commencing mining operations;
 - describe the measures that would be implemented to:
 - ensure sodium cyanide and other toxic chemicals are stored and handled on the site in accordance with *AS/NZ 4452 – The Storage and Handling of Toxic Substances*; and
 - ensure the transportation of hazardous materials to or from the site is undertaken in accordance with the Department's *Hazardous Industry Planning Advisory Paper No. 11 – Route Selection* and the *Australian Code for the Transport of Dangerous Goods by Road and Rail – current version*; and
 - detail the emergency procedures for the Project consistent with the Department's *Hazardous Industry Planning Advisory Paper No. 1 – Emergency Planning*.

WASTE

49. The Proponent shall:
- (a) minimise the waste generated by the project;
 - (b) ensure that the waste generated by the project is appropriately stored, handled and disposed of; and
 - (c) manage on-site sewage treatment disposal in accordance with the requirements of Council, to the satisfaction of the [Secretary](#)

REHABILITATION

50. Within three years of the date of this approval, the Proponent shall investigate the feasibility of filling the Wyoming Three open cut pit void as part of the rehabilitation of the site, in consultation with DRE.

Rehabilitation Objectives

51. The Proponent shall rehabilitate the site to the satisfaction of the [DRE](#). This rehabilitation must be generally consistent with the proposed rehabilitation strategy described in the EA (as reproduced in Appendix 6), and comply with the objectives in [Table 10](#).

Table 10: Rehabilitation Objectives

Feature	Objective
Mine site (as a whole) including final voids	<ul style="list-style-type: none"> • Safe, stable and non-polluting • Final land use compatible with surrounding land uses. • Final landforms designed to consider micro-relief, natural drainage lines and minimize visual prominence by integration with the surrounding landscape. • Restore self-sustaining ecosystems, including establishing local native plant species. • Minimise visual impact of final landforms as far as is reasonable and feasible.
Final voids	<ul style="list-style-type: none"> • Negligible instability risk
Surface infrastructure	To be decommissioned and removed, unless the Secretary, DRE agrees otherwise
Other land	Establish at least 61 ha of open woodland as part of the Remnant Extension described in Table 9 .
Community	Minimise the adverse socio-economic effects associated with mine closure

Progressive Rehabilitation

52. The Proponent shall carry out rehabilitation of the site progressively, that is, as soon as reasonably practicable after disturbance. All reasonable and feasible measures must be taken to minimise the total area exposed for dust generation at any time. Interim rehabilitation strategies shall be employed when areas prone to dust generation cannot yet be permanently rehabilitated.

Note: It is accepted that some parts of the site that are progressively rehabilitated may be subject to further disturbance at some later stage of the project.

Rehabilitation Management Plan

53. The Proponent shall prepare and implement a Rehabilitation Management Plan for the project to the satisfaction of the [Secretary, DRE](#). This plan must:
- (a) be prepared in consultation with the Department, OEH, EPA, [DPI Water](#) and Council;
 - (b) be submitted to the [Secretary, DRE](#) for approval by the end of March 2013, unless the [Secretary](#) agrees otherwise;
 - (c) be prepared in accordance with any relevant DRE guideline;
 - (d) outline the procedures to be implemented to achieve the rehabilitation objectives in condition 51;
 - (e) describe how the rehabilitation of the site would be integrated with the implementation of the biodiversity offset strategy;
 - (f) include detailed performance and completion criteria for evaluating the performance of the rehabilitation of the site, and triggering remedial action (if necessary);
 - (g) describe the measures that would be implemented to ensure compliance with the relevant conditions of this approval, and address all aspects of rehabilitation including mine closure, final landform, and final land use;
 - (h) include interim rehabilitation where necessary to minimise the area exposed for dust generation;

- (i) include a program to monitor, independently audit and report on the effectiveness of the measures, and progress against the detailed performance and completion criteria; and
- (j) build, to the maximum extent practicable, on the other management plans required under this approval;
- (k) include a risk assessment of any potential threats to rehabilitation of disturbed areas to a condition that can support the intended final land use, including a strategy to address risks identified; and
- (l) include consideration of options for backfilling the Caloma Two void.

SCHEDULE 4 ADDITIONAL PROCEDURES

NOTIFICATION OF LANDOWNERS

1. Within 1 month of the date of approval, the Proponent shall notify in writing
 - (a) the owner of land listed in Table 1 of schedule 3 that they have the right to require the Proponent to acquire their land at any stage during the project; and
 - (b) the owners of receivers R3 and R29 that they have the right to request the Proponent to ask for additional noise mitigation measures to be installed at their residence at any stage during the project.
2. Within two weeks of obtaining monitoring results showing:
 - (c) an exceedance of any relevant noise criteria in Schedule 3, the Proponent shall notify affected landowners and/ or tenants in writing of the exceedance, and provide regular monitoring results to each of these affected parties until the project is again complying with the relevant criteria; and
 - (d) an exceedance of any relevant air quality criteria in Schedule 3, the Proponent shall send the affected landowners and/or tenants a copy of the NSW Health fact sheet entitled "Mine Dust and You" (as may be updated from time to time).

INDEPENDENT REVIEW

3. If an owner of privately-owned land considers the project to be exceeding the relevant criteria in Schedule 3, then he/she may ask the [Secretary](#) in writing for an independent review of the impacts of the project on his/her land.

If the [Secretary](#) is satisfied that an independent review is warranted, then within two months of the [Secretary's](#) decision the Proponent shall:
 - (a) commission a suitably qualified, experienced and independent person, whose appointment has been approved by the [Secretary](#), to:
 - (i) consult with the landowner to determine his/ her concerns;
 - (ii) conduct monitoring to determine whether the project is complying with the relevant criteria in Schedule 3; and
 - (iii) if the project is not complying with these criteria then identify measures that could be implemented to ensure compliance with the relevant criteria.
 - (b) give the [Secretary](#) and landowner a copy of the independent review.
4. If the independent review determines that the project is complying with the relevant criteria in Schedule 3, then the Proponent may discontinue the independent review with the approval of the [Secretary](#).
5. If the independent review determines that the project is not complying with the relevant criteria in Schedule 3, then the Proponent shall:
 - (a) implement all reasonable and feasible mitigation measures, in consultation with the landowner and appointed independent person, and conduct further monitoring until the project complies with the relevant criteria; or
 - (b) secure a written agreement with the landowner to allow exceedances of the relevant criteria, to the satisfaction of the [Secretary](#).

LAND ACQUISITION

6. Within 3 months of receiving a written request from a landowner with acquisition rights, the Proponent shall make a binding written offer to the landowner based on:
 - (a) the current market value of the landowner's interest in the land at the date of this written request, as if the land was unaffected by the project, having regard to the:
 - existing and permissible use of the land, in accordance with the applicable planning instruments at the date of the written request; and
 - presence of improvements on the land and/or any approved building or structure which has been physically commenced at the date of the landowner's written request, and is due to be completed subsequent to that date;
 - (b) the reasonable costs associated with:
 - relocating within the Narromine local government area, or to any other local government area determined by the [Secretary](#); and
 - obtaining legal advice and expert advice for determining the acquisition price of the land, and the terms upon which it is to be acquired; and
 - (c) reasonable compensation for any disturbance caused by the land acquisition process.

However, if at the end of this period, the Proponent and landowner cannot agree on the acquisition price of the land and/or the terms upon which the land is to be acquired, then either party may refer the matter to the [Secretary](#) for resolution.

Upon receiving such a request, the [Secretary](#) will request the President of the NSW Division of the Australian Property Institute to appoint a qualified independent valuer to:

- consider submissions from both parties;
- determine a fair and reasonable acquisition price for the land and/or the terms upon which the land is to be acquired, having regard to the matters referred to in paragraphs (a)-(c) above;
- prepare a detailed report setting out the reasons for any determination; and
- provide a copy of the report to both parties.

Within 14 days of receiving the independent valuer's report, the Proponent shall make a binding written offer to the landowner to purchase the land at a price not less than the independent valuer's determination.

However, if either party disputes the independent valuer's determination, then within 14 days of receiving the independent valuer's report, they may refer the matter to the [Secretary](#) for review. Any request for a review must be accompanied by a detailed report setting out the reasons why the party disputes the independent valuer's determination. Following consultation with the independent valuer and both parties, the [Secretary](#) will determine a fair and reasonable acquisition price for the land, having regard to the matters referred to in paragraphs (a)-(c) above, the independent valuer's report, the detailed report of the party that disputes the independent valuer's determination and any other relevant submissions.

Within 14 days of this determination, the Proponent shall make a binding written offer to the landowner to purchase the land at a price not less than the [Secretary's](#) determination.

If the landowner refuses to accept the Proponent's binding written offer under this condition within 6 months of the offer being made, then the Proponent's obligations to acquire the land shall cease, unless the [Secretary](#) determines otherwise.

7. The Proponent shall pay all reasonable costs associated with the land acquisition process described in condition 6 above, including the costs associated with obtaining Council approval for any plan of subdivision (where permissible), and registration of this plan at the Office of the Registrar-General.
-

SCHEDULE 5 ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING

ENVIRONMENTAL MANAGEMENT

Environmental Management Strategy

1. The Proponent shall prepare and implement an Environmental Management Strategy for the project to the satisfaction of the [Secretary](#). This strategy must:
 - (a) be submitted for approval to the [Secretary](#) prior to construction;
 - (b) provide the strategic framework for the environmental management of the project;
 - (c) identify the statutory approvals that apply to the project;
 - (d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the project;
 - (e) describe the procedures that would be implemented to:
 - (i) keep the local community and relevant agencies informed about the operation and environmental performance of the project;
 - (ii) receive, handle, respond to, and record complaints;
 - (iii) resolve any disputes that may arise during the course of the project;
 - (iv) respond to any non-compliance;
 - (v) respond to emergencies; and
 - (f) include:
 - (i) copies of any strategies, plans and programs approved under the conditions of this approval; and
 - (ii) a clear plan depicting all the monitoring required to be carried out under the conditions of this approval.

Adaptive Management

2. The Proponent shall assess and manage project-related risks to ensure that there are no exceedances of the criteria and/or performance measures in schedule 3. Any exceedance of these criteria and/or performance measures constitutes a breach of this approval and may be subject to penalty or offence provisions under the EP&A Act or EP&A Regulation.

Where any exceedance of these criteria and/or performance measures has occurred, the Proponent shall, at the earliest opportunity:

- (a) take all reasonable and feasible measures to ensure that the exceedance ceases and does not recur;
- (b) consider all reasonable and feasible options for remediation (where relevant) and submit a report to the Department describing those options and any preferred remediation measures or other course of action; and
- (c) implement remediation measures as directed by the [Secretary](#), to the satisfaction of the [Secretary](#).

Management Plan Requirements

3. The Proponent shall ensure that the management plans required under this approval are prepared in accordance with any relevant guidelines, and include:
 - (a) detailed baseline data;
 - (b) a description of:
 - (i) the relevant statutory requirements (including any relevant approval, licence or lease conditions);
 - (ii) any relevant limits or performance measures/criteria;
 - (iii) the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the project or any management measures;
 - (c) a description of the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria;
 - (d) a program to monitor and report on the:
 - (i) impacts and environmental performance of the project;
 - (ii) effectiveness of any management measures (see c above);
 - (e) a contingency plan to manage any unpredicted impacts and their consequences and to ensure that ongoing impacts reduce to levels below relevant impact assessment criteria as quickly as possible;
 - (f) a protocol for managing and reporting any:
 - (i) incidents;
 - (ii) complaints;
 - (iii) non-compliances with statutory requirements; and
 - (iv) exceedances of the impact assessment criteria and/or performance criteria; and
 - (g) a protocol for periodic review of the plan.

Note: The [Secretary](#) may waive some of these requirements if they are unnecessary for particular management plans.

Annual Review

4. By the end of March each year following the commencement of construction, the Proponent shall review the environmental performance of the project to the satisfaction of the [Secretary](#). This review must:
- (a) describe the development (including any rehabilitation) that was carried out in the past calendar year, and the development that is proposed to be carried out over the current calendar year;
 - (b) include a comprehensive review of the monitoring results and complaints records of the project over the past calendar year, which includes a comparison of these results against the:
 - (i) the relevant statutory requirements, limits or performance measures/criteria;
 - (ii) requirements of any plan or program required under this approval;
 - (iii) the monitoring results of previous years; and
 - (iv) the relevant predictions in the EA;
 - (c) identify any non-compliance over the past year, and describe what actions were (or are being) taken to ensure compliance;
 - (d) identify any trends in the monitoring data over the life of the project;
 - (e) identify any discrepancies between the predicted and actual impacts of the project, and analyse the potential cause of any significant discrepancies; and
 - (f) describe what measures will be implemented over the next year to improve the environmental performance of the project.

Revision of Strategies, Plans and Programs

5. Within three months of:
- (a) the submission of an annual review under condition 4 above;
 - (b) the submission of an incident report under condition 7 below;
 - (c) the submission of an audit under condition 8 below; or
 - (d) any modification to the conditions of this approval (unless the conditions require otherwise),
- the Proponent shall review, and if necessary revise, the strategies, plans, and programs required under this approval to the satisfaction of the [Secretary](#).

With the agreement of the Secretary, the Applicant may prepare any revised strategy, plan or program without undertaking consultation with all parties under the applicable conditions of this consent.

Note: This is to ensure the strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the project.

Community Consultative Committee

6. The Proponent shall establish and operate a Community Consultative Committee (CCC) for the project in general accordance with the *Guidelines for Establishing and Operating Community Consultative Committees for Mining Projects* (Department of Planning, 2007, or its latest version), and to the satisfaction of the [Secretary](#). This CCC must be operating within three months of the commencement of construction.

Notes:

- *The CCC is an advisory committee. The Department and other relevant agencies are responsible for ensuring that the Proponent complies with this approval; and*
- *In accordance with the guideline, the Committee should be comprised of an independent chair and appropriate representation from the Proponent, Council, recognised environmental groups and the local community.*

REPORTING**Incident Reporting**

7. The Proponent shall notify the [Secretary](#) and any other relevant agencies of any incident associated with the project as soon as practicable after the Proponent becomes aware of the incident. Within seven days of the date of the incident, the Proponent shall provide the [Secretary](#) and any relevant agencies with a detailed report on the incident.

INDEPENDENT ENVIRONMENTAL AUDIT

8. One year after mining operations commence, and every three years thereafter, unless the [Secretary](#) directs otherwise, the Proponent shall commission and pay the full cost of an Independent Environmental Audit of the project. The audit must:
- (a) be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the [Secretary](#);
 - (b) include consultation with the relevant agencies;
 - (c) assess the environmental performance of the project and assess whether it is complying with the requirements in this approval and any relevant EPL or Mining Lease (including any assessment, plan or program required under these approvals);

- (d) review the adequacy of strategies, plans or programs required under the abovementioned approvals; and
- (e) recommend appropriate measures or actions to improve the environmental performance of the project, and/ or any assessment, plan or program required under the abovementioned approvals.

Note: This audit team must be led by a suitably qualified auditor and include experts in any fields specified by the Secretary.

- 9. Within six weeks of the completion of this audit, or as otherwise agreed by the Secretary, the Proponent shall submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report.

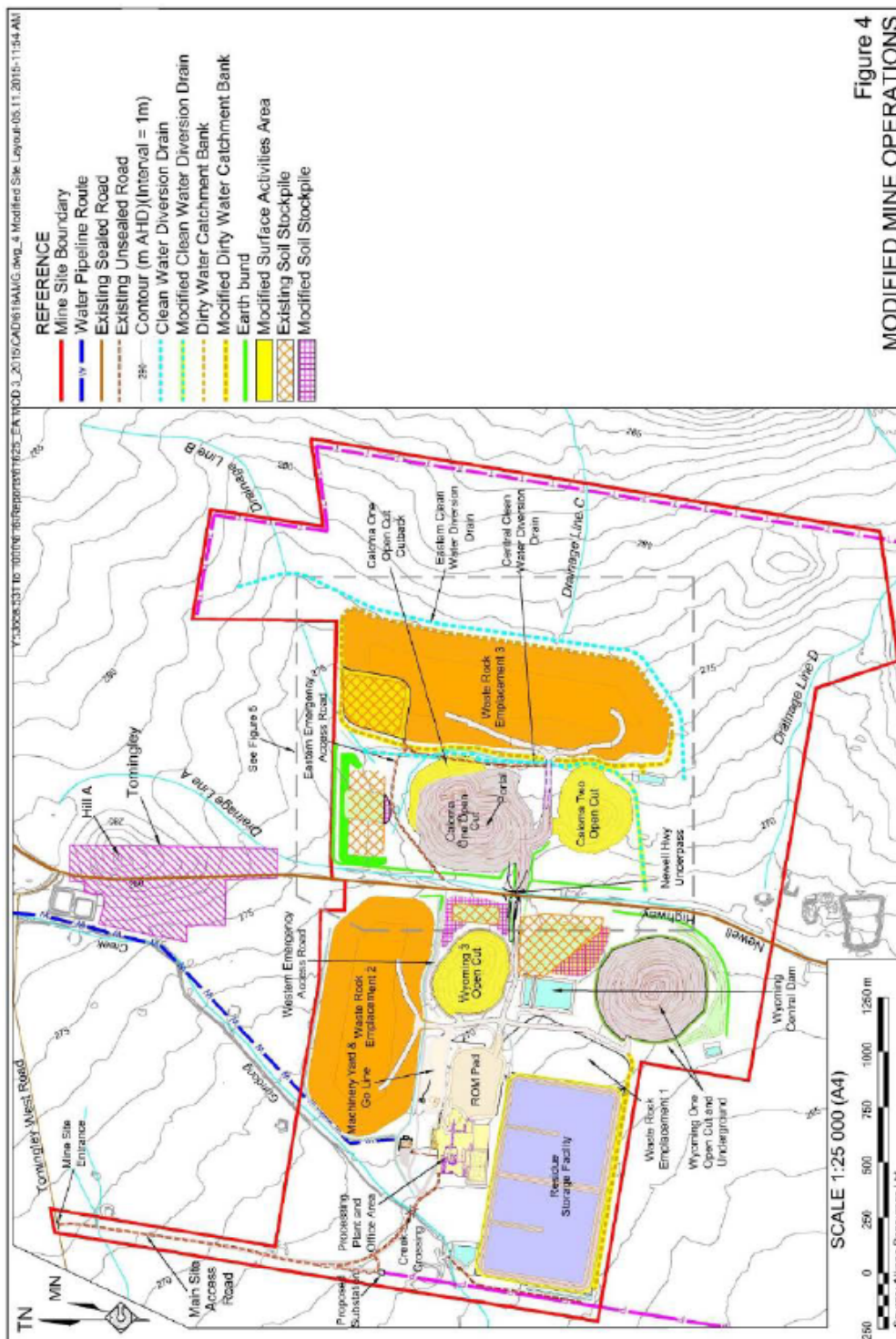
ACCESS TO INFORMATION

- 10. Prior to the commencement of construction on the site, or within 1 month of the submission of the relevant documents, the Proponent shall:
 - (a) make copies of the following publicly available on its website:
 - (i) the documents referred to in condition 2 of Schedule 2;
 - (ii) all relevant statutory approvals for the project;
 - (iii) all approved strategies, plans and programs required under the conditions of this approval;
 - (iv) a comprehensive summary of the monitoring results of the project, reported in accordance with the specifications in any approved plans or programs required under the conditions of this or any other approval;
 - (v) a complaints register, which is to be updated on a monthly basis;
 - (vi) minutes of CCC meetings;
 - (vii) the annual reviews required under this approval;
 - (viii) any independent environmental audit of the project, and the Proponent's response to the recommendations in any audit;
 - (ix) any other matter required by the Secretary; and
 - (b) keep this information up-to-date, to the satisfaction of the Secretary.
-

APPENDIX 1
SCHEDULE OF LAND

<i>Mine Site</i>	
<i>Lot</i>	<i>DP</i>
1 (Part)	254193
94	755110
95	
103	
104	
105	
111 (Part)	
112	
122 (Part)	
160	
161	
162	1178801
163	
1621	1151198
1	
2 (Part)	
3 (Part)	
Road reserve associated with the Newell Highway	
<i>Water Pipeline Route</i>	
185	43458
A	380855
70	755110
73	
74	
81	
104	
111	755119
18	
Road reserves associated with the Mitchell Highway, Webb's Siding Road, Dappo Road, Bootles Road, Pinedene Road, Narromine-Tomingley Road and Tomingley West Road	
Easement for the Main Western Railway	
Crown roads (unnamed)	

APPENDIX 2
PROJECT LAYOUT PLANS



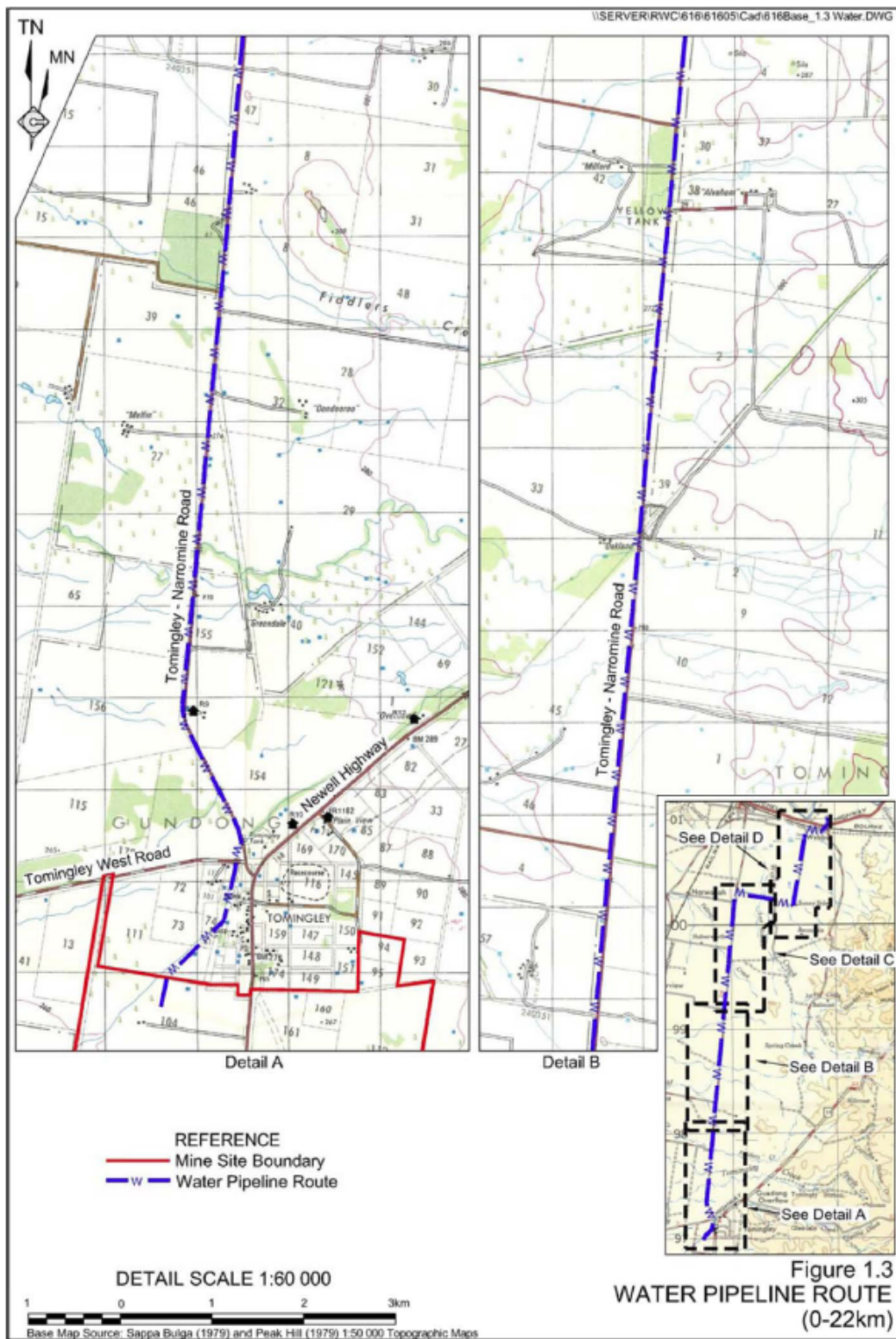
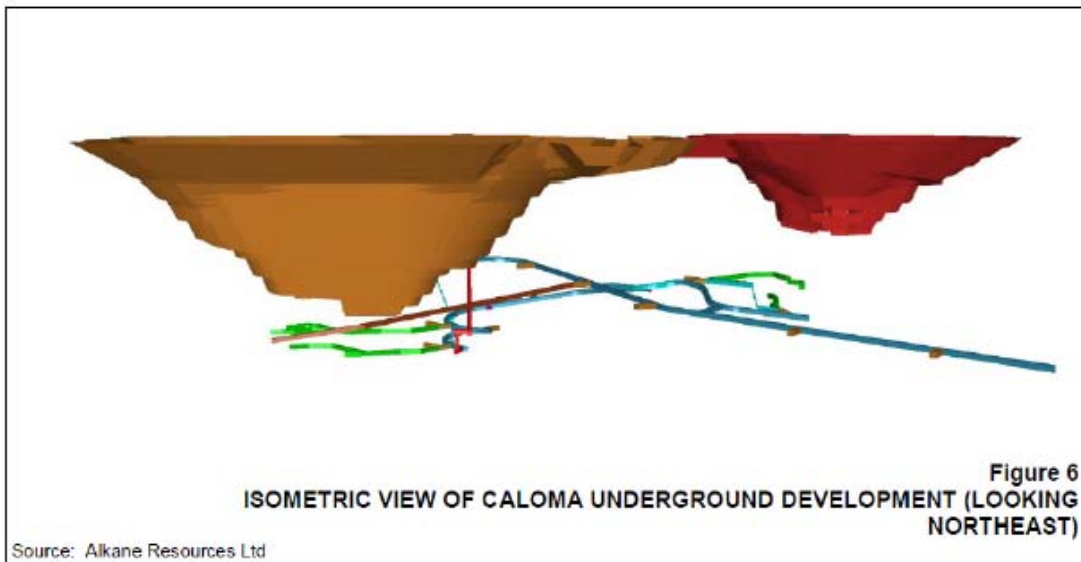
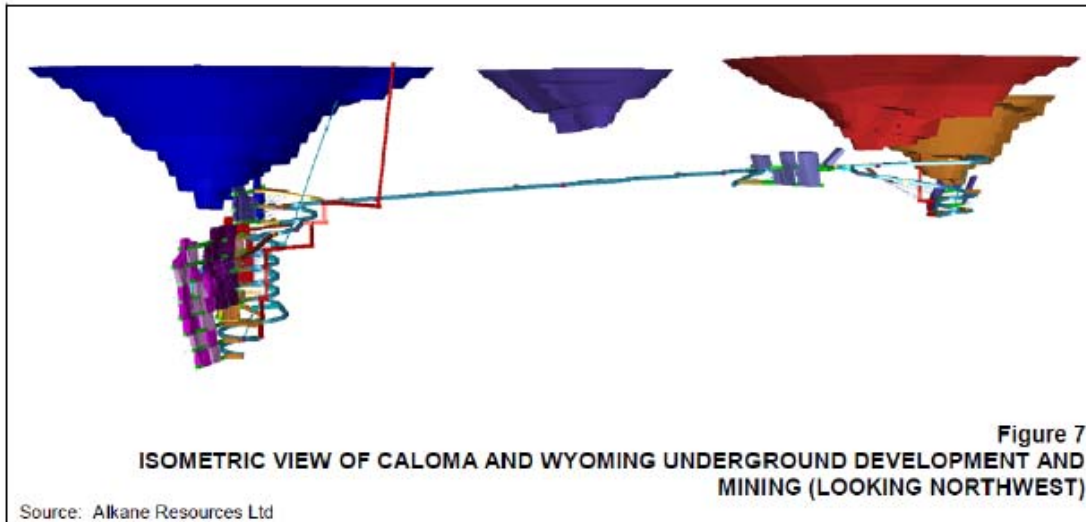
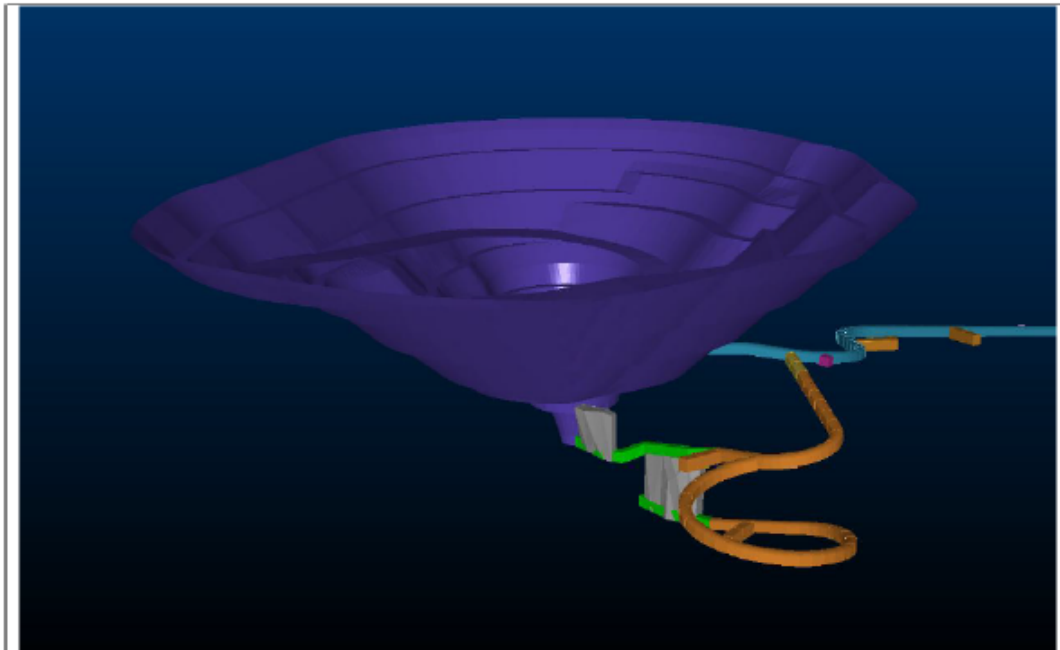




Figure 1.4
WATER PIPELINE ROUTE
(22km - 46km)





Source: Alkane Resources Ltd

Figure 8
ISOMETRIC VIEW OF THE WYOMING 3 UNDERGROUND
EXPLORATION AREA LOOKING SOUTHEAST

**APPENDIX 3
PLANNING AGREEMENT GENERAL TERMS**

1. Contributions to Council until December 2022 for:

Community Fund	\$53,750/annum
Road Maintenance (except for Tomingley West Road)	\$45,000/annum
Provision of Council Environmental Management Expertise	\$20,000/annum

2. Upgrade and maintenance of Tomingley West Road as per plans approved by Council
3. Transfer ownership of the water supply pipeline, 300 mm production bore, pumps, bore power supply and potentially a portion of the bore extraction licence to Council (subject to Council's concurrence) when no longer required by the project.
4. Contribute between \$30,000 and \$50,000 for a Water Supply Options Study.
5. Provide water to Tomingley village sufficient to meet its supply needs until the end of the mine's life.

APPENDIX 5
BIODIVERSITY OFFSETS

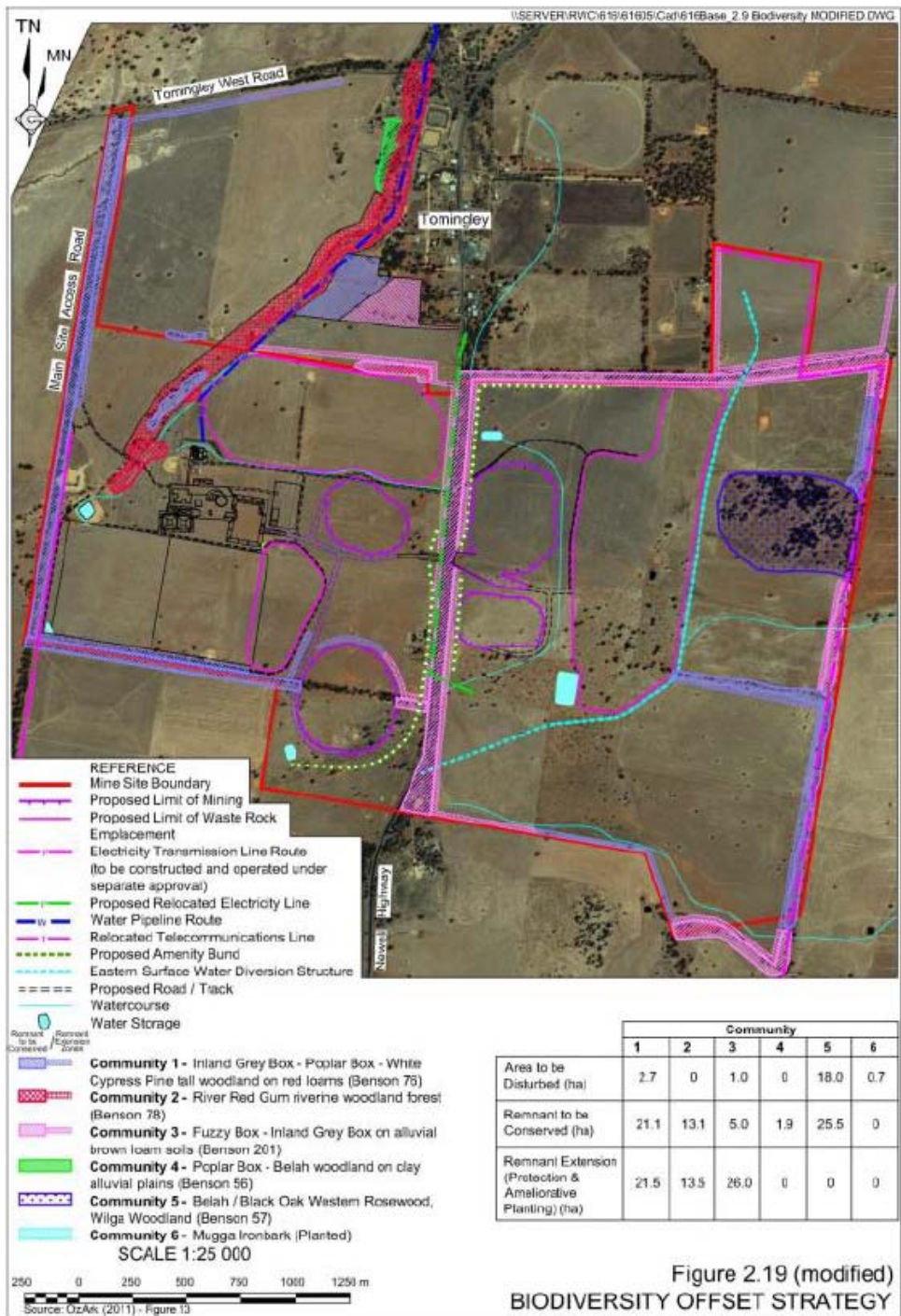


Figure 2.19 (modified)
BIODIVERSITY OFFSET STRATEGY

APPENDIX 6
REHABILITATION PLAN

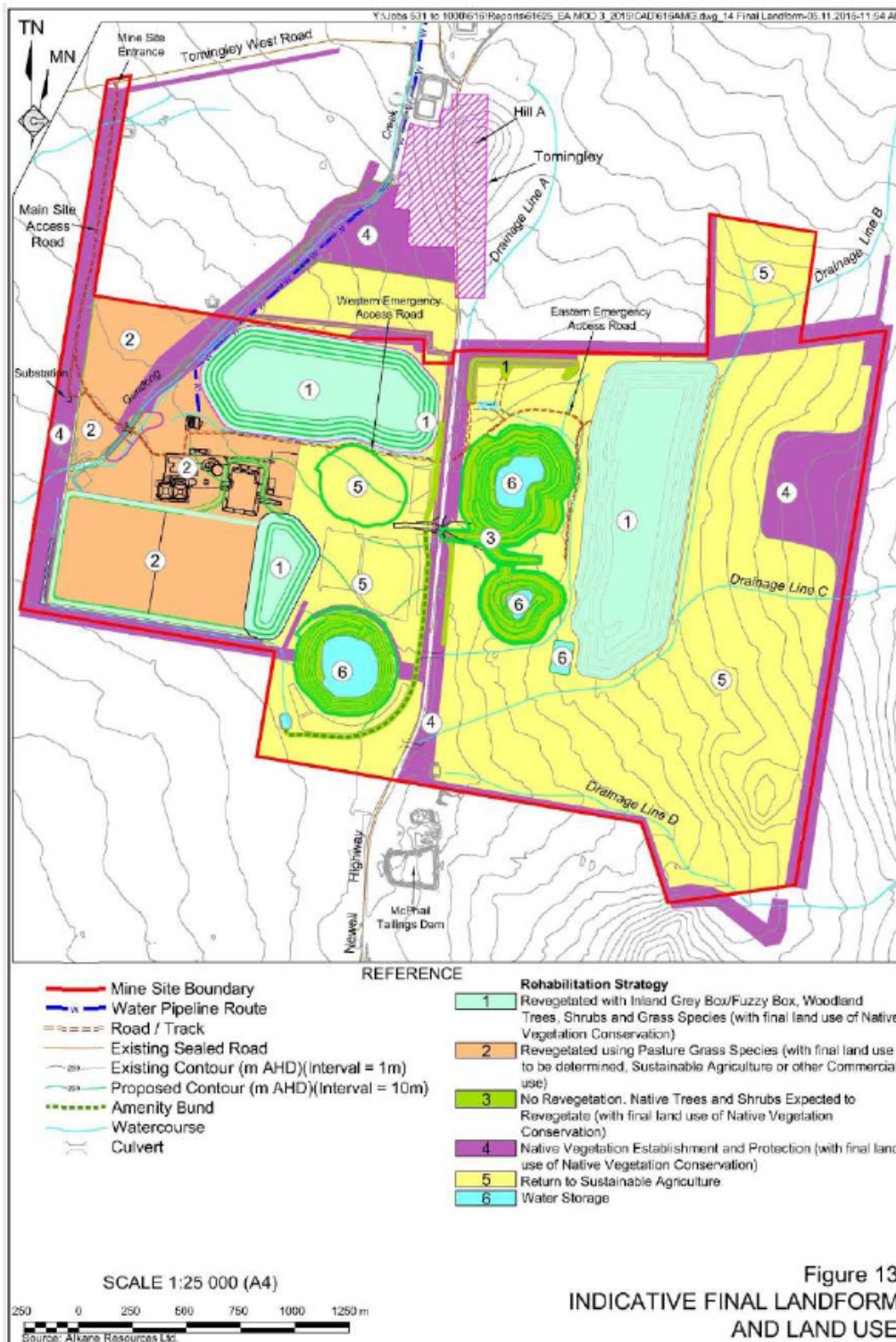


Figure 13
INDICATIVE FINAL LANDFORM
AND LAND USE

APPENDIX 7 NOISE COMPLIANCE ASSESSMENT

Applicable Meteorological Conditions

1. The noise criteria in Table 2 of schedule 3 are to apply under all meteorological conditions except the following:
 - a) Wind speeds greater than 3 m/s at 10 m above ground level; or
 - b) Stability category F temperature inversion conditions and wind speeds greater than 2 m/s at 10 m above ground level; or
 - c) Stability category G temperature inversion conditions.

Determination of Meteorological Conditions

2. Except for wind speed at microphone height, the data to be used for determining meteorological conditions shall be that recorded by the meteorological station located on the site.

Compliance Monitoring

3. Attended monitoring is to be used to evaluate compliance with the relevant conditions of this consent.
4. This monitoring must be carried out at least 12 times a year, unless the Secretary agrees otherwise.
5. Unless otherwise agreed with the Secretary, this monitoring is to be carried out in accordance with the relevant requirements for reviewing performance set out in the *NSW Industrial Noise Policy* (as amended from time to time) or an equivalent NSW Government noise policy, in particular the requirements relating to:
 - a) Monitoring locations for the collections of representative noise data;
 - b) Meteorological conditions during which collections of noise data is not appropriate;
 - c) Equipment used to collect noise data, and conformance with Australian Standards relevant to such equipment; and
 - d) Modification to noise data collected, including for the exclusion of extraneous noise and/or penalties for modifying factors, apart from adjustments for:
 - duration; or
 - low frequency noise, where it is demonstrated that the dBC – dBA noise difference is caused by distance attenuation only.

APPENDIX 8
STATEMENT OF COMMITMENTS

Desired Outcome	Action	Timing
1. ENVIRONMENTAL MANAGEMENT		
Compliance with all conditional requirements in all approvals, licences and leases.	1.1 Comply with all commitments recorded in Table 5.1 (this table).	Continuous and as required
	1.2 Comply with all conditional requirements included in the: <ul style="list-style-type: none"> • PA 09_0155; • EPL 20169; • ML 1684; and • Groundwater licences. 	Ongoing
	1.3 Implement the following management plans; <ul style="list-style-type: none"> • Mining Operations Plan (Rehabilitation Management Plan) • Cultural Heritage Management Plan • Water Management Plan • Noise Management Plan • Blast Management Plan • Air Quality and Greenhouse Gas Management Plan • Biodiversity Management Plan • Traffic Management Plan • Hazardous Materials Management Plan • Pollution Incident Response Management Plan 	Ongoing
Compile relevant environmental data for publication	1.4 Prepare monthly environmental management reports and upload to the Mine website.	Monthly
	1.5 Incorporate relevant environmental data / information in Annual Environmental Management Reports	Annual
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 Mark, and where appropriate, survey the boundaries of the areas of proposed disturbance on the Mine Site.	Prior to the commencement of the relevant activity
	2.2 Mark, and where appropriate fence, boundaries relevant to the biodiversity offset strategy.	Within 6 months of approval of the biodiversity offset strategy
3. OPERATING HOURS		
All operations are undertaken within the approved operating hours.	3.1 Undertake all activities, where practicable, in accordance with the operating hours approved by PA 09_0155.	Continuous and as required
4. NOISE		
Noise generated by operational activities does not exceed intrusiveness criteria nor significantly impacts on neighbouring landowners and/or residents.	4.1 Construct and maintain an acoustic and amenity bund at the northern end of the Mine Site in accordance with PA 09_0155 MOD 2.	Complete
	4.2 Implement noise mitigation and management measures in accordance with an approved Noise Management Plan (NMP).	Ongoing

Desired Outcome	Action	Timing
Noise generated by the Project is monitored and procedures developed and implemented to respond to ensure compliance is maintained.	4.3 Undertake noise monitoring in accordance with an approved NMP.	As defined within the NMP
	4.4 Implement procedures for response to real-time monitoring results.	As required on receipt of notification
	4.5 Complete annual noise compliance monitoring.	Annual
Noise complaints are recorded and addressed in an appropriate manner	4.6 Ensure that a 24-hour complaints telephone line is maintained and that the surrounding community is made aware of the number. If noise-related complaints are received.	Prior to the commencement of activities on the Mine Site
	4.7 Ensure that prompt action is taken to identify the nature of any complaint received and verify the relevant noise levels using the real-time noise monitoring equipment.	Within 24 hours of receipt of complaint
5. SURFACE WATER		
Effective management of the potential contamination and/or reduction in availability of surface water resources.	5.1 Construct and maintain surface water management infrastructure of the Mine in accordance with an approved Water Management Plan (WMP).	Ongoing
	5.2 Implement impact mitigation measures in accordance with an approved WMP.	As defined by the WMP
	5.3 Undertake surface water monitoring in accordance an approved WMP	As defined by the WMP
Design and construct surface water management structures to prevent the discharge of contaminated (hydrocarbon, cyanide, trace metals etc.) water from the Mine Site	5.4 Ensure that all fuel and reagent storage, delivery and handling areas are appropriately sealed and bunded and that overflow pipes are installed in a manner that would minimise the potential for pollution in the event of overfilling.	Ongoing
	5.5 Securely store all hydrocarbon and chemical products.	Ongoing
	5.6 Ensure all hydrocarbon and chemical storage tanks are either self-bunded tanks or bunded with an impermeable surface and a capacity to contain a minimum 110% of the largest storage tank capacity.	Ongoing
	5.7 Refuel all equipment within designated areas of the Mine Site, where practicable.	Ongoing
	5.8 Undertake all maintenance works involving hydrocarbons, where practicable, within designated areas of the Mine Site such as the maintenance workshop.	Ongoing
	5.9 Direct all water from wash-down areas and workshops to oil/water separators and containment systems.	Ongoing
	5.10 Construct the RSF in accordance with design specifications and have QA/QC assessment completed.	During site establishment phase (prior to commencement of mining)
	5.11 Line the RSF and Raw Water Dam with compacted clay to achieve a permeability of 1×10^{-2} m/s or less.	
5.12 Provide for design specific freeboard within the RSF and Raw Water Dam to prevent overtopping.		
6. GROUNDWATER		
Effective management of	6.1 Remove water accumulating in the open cuts, transfer to Dewatering Dams and use preferentially	Ongoing

Desired Outcome	Action	Timing
water dewatered from the open cuts	for dust suppression activities.	
Effective management of the potential contamination and/or reduction in availability of groundwater resources.	6.2 Implement impact mitigation measures in accordance with an approved Water Management Plan (WMP).	As defined by the Water Management Plan
	6.3 Undertake the groundwater monitoring in accordance an approved WMP.	
Ensure the availability of groundwater to surrounding users is maintained.	6.4 Implement additional assessment, land owner notification and contingency or compensatory measures in accordance with an approved Site Water Management Plan.	As defined by the Water Management Plan
7. BIODIVERSITY		
Avoid, minimise, mitigate or offset impacts (in that hierarchical order) on native vegetation (including the two identified EECs), native fauna (including threatened species) and their habitat.	7.1 Locate the Mine Site activities and infrastructure so as to avoid the majority of remnant native vegetation. Restrict disturbance of remnant native vegetation to (approximately): <ul style="list-style-type: none"> • 2.7ha (of 36.9ha) of Inland Grey Box – Poplar Box – White Cypress Pine tall woodland on red loams; • 0.9ha (of 30.9ha) of Fuzzy Box – inland Grey Box on alluvial brown loam soils; and • 18.8ha (of 70.3ha) of Belah / Black Oak Western Rosewood Wilga woodland. 	Ongoing
	7.2 Implement the impact avoidance, minimisation, mitigation and offset measures of an approved Biodiversity Offset Strategy and Biodiversity Management Plan (BMP) for the Mine in consultation with the OEH and DPE.	Ongoing
Offset residual impacts on native flora and fauna.	7.3 Implement the Conservation Property Vegetation Plan, as agreed and signed between TGO and Local Land Services – Central West.	In perpetuity
Rehabilitate disturbed areas to create a final landform that maintains or improves biodiversity values of the Project Site.	7.4 Complete rehabilitation in accordance with an approved Rehabilitation Management Plan (RMP) or Mining Operations Plan (MOP).	Ongoing
8. ABORIGINAL HERITAGE		
Maintain Aboriginal heritage values on site.	8.1 Implement the Cultural Heritage Management Plan for the Mine in consultation with OEH and DPE.	Ongoing
Maintain Aboriginal heritage values on site.	8.2 In the event the disturbance footprint changes, ensure that appropriate consultation and field survey is undertaken to confirm no sites or objects of Aboriginal heritage significance are impacted.	If the disturbance footprint changes
	8.3 Ensure work in an area is suspended should any Aboriginal sites be uncovered. The OEH Western Regional Archaeologist (Dubbo Office) and local Aboriginal community will be contacted to discuss how to proceed.	If a previously unidentified object or Aboriginal site is uncovered

Desired Outcome	Action	Timing
9. NON ABORIGINAL HERITAGE		
Site activities are undertaken to minimise impacts on non-Aboriginal heritage items.	9.1 Implement the Cultural Heritage Management Plan for the Mine in consultation with OEH and DPE.	Ongoing
10. VISUAL AMENITY		
Limit the visibility of operational areas from nearby residences and the Newell Highway.	10.1 Maintain vegetated amenity bunds in the following locations. <ul style="list-style-type: none"> • Adjacent to the eastern and western boundary of the Newell Highway. • To the north of the Caloma Open Cut. • To the south of the Wyoming One Open Cut. • to the north of Waste Rock Emplacement 2, 	Ongoing
	10.2 Construct and progressively rehabilitate the Waste Rock Emplacements in accordance with an approved MOP (or Rehabilitation Management Plan).	Continuous for the life of the Project
	10.3 Place and operate lighting on the Mine Site that: <ul style="list-style-type: none"> • are not directed towards, and therefore do not impact on the vision of motorists using, the Newell Highway; • do not point towards surrounding residences; and • minimise the 'loom' created by the lights. 	Continuous for the life of the Project
	10.4 Provide for additional visual screening in response to reasonable and feasible request from surrounding land holders.	As required
	10.5 Maintain the Mine Site in a clean and tidy condition at all times.	Continuous for the life of the Project
	10.6 Implement commitments related to air emissions management.	
11. AIR QUALITY		
Minimise impacts to air quality relating to the Project.	11.1 Undertake all surface disturbance, mining, processing, transportation and other air emissions activities in accordance with an approved Air Quality and Greenhouse Gas Management Plan (AQGHGMP) for the Mine.	Ongoing
Monitor and manage dust emissions.	11.2 Undertake air quality monitoring in accordance with an approved AQGHGMP for the Mine.	As defined within the AQGHGMP
12. BLASTING AND VIBRATION		
Minimise impacts from blasting on surrounding receptors and infrastructure.	12.1 Undertake blasting in accordance with an approved Blast Management Plan (BMP).	Ongoing
	12.2 Ensure that all blasts are designed by a suitably qualified and experienced blasting engineer or shot-firer.	Continuous for the life of the Project
13. TRAFFIC AND TRANSPORTATION		
Achieve safe and efficient transport operations.	13.1 Undertake all transport operations in accordance with an approved Traffic Management Plan (BMP).	Ongoing
	13.2 Enforce a Code of Conduct for all drivers for all heavy vehicles that travel to and from the Mine Site regularly. The Code of Conduct will stipulate safe	During site establishment operations

Desired Outcome	Action	Timing
	driving practices must be maintained at all times.	
	13.3 Investigate immediately any complaints received and substantiated incidents acted on decisively, which could include the banning the offending driver(s) from the Mine Site.	Continuous during the life of the Project
	13.4 Prepare an individual <i>Traffic Control Plan</i> for each over mass and over weight delivery.	As required
14. SOILS AND LAND CAPABILITY		
Maintenance of soil value for rehabilitation and minimisation of soil loss through erosion.	14.1 Strip soil material as nominated within an approved MOP.	Ongoing
Create a final landform that is safe, stable and is amenable to the nominated land use(s).	14.2 Undertake final landform construction and rehabilitation in accordance with an approved RMP or MOP.	Ongoing
15. WASTE		
Manage waste appropriately on the Mine Site.	15.1 Maintain a register of the types and quantities of wastes produced on the Mine Site.	Ongoing
	15.2 Design and maintain storage areas to contain spillages.	Ongoing
	15.3 Segregate and retain recyclable and non-recyclable waste in designated storage areas prior to removal from the Project Site.	Ongoing
	15.4 Keep the Project Site in a clean and tidy condition.	Ongoing
	15.5 Ensure waste is regularly removed from the Project Site by a licensed contractor.	Ongoing
16. SOCIO ECONOMIC SETTING		
Maximise the positive impacts and minimise any actual or perceived adverse impacts on the social fabric or facilities available to the community surrounding the Mine Site.	16.1 Engage the community surrounding the Project in regular dialogue in relation to the proposed and ongoing operation of the Project and maintain an "open door" policy for any member of the community who wishes to discuss any aspect of the Project.	Ongoing
	16.2 Proactively and regularly consult with those residents most likely to be adversely impacted by the Project.	Ongoing
	16.3 Continue to support community organisations, groups and events, as appropriate, and review any request by a community organisation for support or assistance throughout the life of the Project.	Ongoing
	16.4 Advertise and maintain a community complaints telephone line.	Continuous for the life of the Mine
	16.5 Make available excess water from the water supply bores and pipeline to Narromine Shire Council for supply to the residents of Tomingley.	As feasible
	16.6 Ensure that infrastructure and services installed for the Project, including the water supply bores and pipeline, electricity transmission line, appropriate buildings and hardstand areas, remain available for	Post-mining

Desired Outcome	Action	Timing
	alternative uses following completion of the Project, provided that such uses are consistent with the final land uses identified in this document or any subsequent approval.	
17. CONSULTATION		
Maintain ongoing consultation with the local community and Council.	17.1 Maintain a Community Consultative Committee (CCC), including representative members of the community and Narromine Shire Council.	Within 6 months of receipt of project approval
	17.2 Regularly brief the CCC on activities within the Mine Site and seek feedback in relation to Project-related impacts whether real or perceived.	Quarterly
Respond to environmental complaints.	17.3 Maintain an environmental complaints line and register of complaints in accordance with the requirements of the Environment Protection Licence, once issued.	Ongoing
	17.4 Respond promptly to any issue of concern or complaint raised by the community or a government agency.	Ongoing

Appendix 2

Compliance Schedule

No.	Obligation	Indicator of Compliance	Date reviewed
Conditions of Project Approval			
S2C2	The Proponent shall carry out the project generally in accordance with the: (a) EA; (b) Statement of Commitments; and (c) Conditions of this approval.	This Compliance Register	21-12-17
S2C4	The Proponent shall comply with any reasonable requirement/s of the Secretary arising from the Department's assessment of: (a) any strategies, plans, programs, reviews, audit correspondence that are submitted in accordance with this approval; (b) any report, reviews or audits commissioned by the Department regarding compliance with this approval; and (b) the implementation of any actions or measures contained in these documents.	ongoing	21-12-17
S2C5	The Proponent may carry out mining operations on the site until 31 December 2022.	Noted	21/12/17
S2C6	The Proponent shall not: (a) process more than 1.5 million tonnes of ore at the site in a calendar year; (b) transport unprocessed ore from the site; or (c) process any ore other than that extracted from the site.	Annual reviews record production figures	31-12-16
S2C8	The Proponent shall ensure that all new buildings and structures, and any alterations or additions to existing buildings and structures, are constructed in accordance with the relevant requirements of the BCA. Notes: <input type="checkbox"/> Under Part 4A of the EP&A Act, the Proponent is required to obtain construction and occupation certificates for the proposed building works; and <input type="checkbox"/> Part 8 of the EP&A Regulation sets out the requirements for the certification of the project.	Occupancy certificate issued	2 -10-13
S2C9	The Proponent shall ensure that all demolition work is carried out in accordance with Australian Standard AS 2601-2001: The Demolition of Structures, or its latest version.	Asbestos clearance certificate issued for demolition of homestead.	7-10-13
S2C10	Unless the Proponent and the applicable authority agree otherwise, the Proponent shall: (a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by the project; and (b) relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the development.	Annual inspection carried out of the Newell Highway underpass	21-12-17
S2C11	Unless otherwise agreed by RMS, all works associated with the underpass of the Newell Highway, all pipeline and transmission line crossings of classified roads, and all works connecting to classified roads NSW Government 5 Department of Planning and Infrastructure shall be undertaken in accordance with the Works Authorisation Deed agreed between the Proponent and RMS and effective from 12 May 2011.	Completed	27-6-17
S2C12	The Proponent shall ensure that all the plant and equipment used at the site, or to transport materials from the site, is: (a) maintained in a proper and efficient condition; and (b) operated in a proper and efficient manner.	Ongoing	21-12-17
S213	With the approval of the Secretary, the Proponent may: (a) submit any strategy, plan or program required by this approval on a progressive basis; and	N/A	

No.	Obligation	Indicator of Compliance	Date reviewed
	<p>(b) combine any strategy, plan or program required by this approval with any similar strategy, plan or program required for the project.</p> <p>Notes:</p> <ul style="list-style-type: none"> <input type="checkbox"/> While any strategy, plan or program may be submitted on a progressive basis, the Proponent will need to ensure that the activities on site are covered by suitable strategies, plans or programs at all times; and <input type="checkbox"/> If the submission of any strategy, plan or program is to be staged, then the relevant strategy, plan or program must clearly describe the specific stage to which the strategy, plan or program applies, the relationship of this stage to any future stages, and the trigger for updating the strategy, plan or program. 		
S2C14	By 30 November 2016, unless otherwise agreed by the Secretary, the Proponent shall amend the current planning agreement with Council under Division 6 of Part 4 of the EP&A Act to reflect the terms outlined in Appendix 3.	Completed	26-7-16
S3C1	<p>Upon receiving a written request for acquisition from an owner of the land listed below, the Proponent shall acquire the land in accordance with the procedures in conditions 6-7 of schedule 4. Land subject to acquisition upon request:</p> <p>Lot DP 156 755093 157 755093 1622 1178801</p>	No written request received to date.	21-12-17
S3C2	<p>Upon receiving a written request from the owner of the properties identified as R3, R23, R27, R28, R29, R32, R33 or R41, the Proponent shall implement additional noise mitigation measures (such as double-glazing, insulation and/or air conditioning) at the residence in consultation with the landowner. These measures must be reasonable and feasible, and directed towards reducing the noise impacts of the project on the residence.</p> <p>If the Proponent and the owner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to the Secretary for resolution.</p>	No further action required.	13-7-16
S3C3	Until 30 June 2019, unless otherwise agreed by the Secretary, the Proponent shall ensure that the noise generated by the project does not exceed the criteria detailed in Table 2 at any residence on privately-owned land (except for the land identified in Table 1).	Noted	21-12-17
S3C3A	<p>From 30 June 2019, unless otherwise agreed by the Secretary, the Proponent shall ensure that the noise generated by the project does not exceed the criteria detailed in Table 2A at any residence on privately-owned land or on more than 25 per cent of any privately owned land (except for the land identified in Table 1).</p> <p>Noise generated by the development is to be measured in accordance with the relevant requirements of the NSW Industrial Noise Policy (as may be updated from time to time) or an equivalent NSW Government noise policy, as amended by Appendix 7 which sets out the meteorological conditions under which these criteria apply and the requirements for evaluating compliance with these criteria.</p> <p>However, these criteria do not apply if the Proponent has an agreement with the relevant owner(s) of these residences/ land to generate higher noise levels, and the Proponent has advised the Department in writing of the terms of this agreement.</p> <p>Notes:</p> <ul style="list-style-type: none"> • To interpret the locations referred to in Table 2, see the figure in Appendix 4; 	Noted	21-12-17

No.	Obligation	Indicator of Compliance	Date reviewed
	<ul style="list-style-type: none"> Noise generated by the project is to be measured in accordance with the relevant requirements and exemptions (including certain meteorological conditions) of the NSW Industrial Noise Policy. 		
S3C4	<p>The Proponent shall comply with the operating hours</p> <p>Vegetation clearing and topsoil stripping 6am-6pm, 7 days per week</p> <p>Construction Mining, maintenance and processing operations 24 hours, 7 days per week</p> <p>Rehabilitation 7am-10pm, 7 days per week</p>	Noise Management Plan R6 (NMP)	Nov. 16
S3C5 (a)	<p>The Proponent shall:</p> <p>(a) implement best management practice, including all reasonable and feasible noise mitigation measures, to minimise the construction, operational and traffic noise of the project, including measures to:</p> <ul style="list-style-type: none"> Minimise maximum noise levels from the tipping of waste rocks; and Relocate mobile plant from elevated and exposed sections of the site under adverse meteorological conditions at night; 	NMP	Nov. 16
S3C5 (b)	<p>(b) operate a noise management system on site that uses a combination of predictive meteorological forecasting and real-time noise monitoring data to guide the day to day planning of mining operations and the implementation of both proactive and reactive noise mitigation measures to ensure compliance with the relevant conditions of this approval;</p>	NMP	Nov. 16
S3C5 (c)	<p>(c) investigate ways to minimise the noise generated by the project;</p>	ongoing	21-12-17
S3C5 (d)	<p>(d) maintain the effectiveness of noise suppression equipment on plant at all times and ensure that defective plant is not used operationally until fully repaired;</p>	ongoing	21-12-17
S3C5 (e)	<p>(e) minimise the noise impacts of the project during meteorological conditions when the noise limits in this approval do not apply; and</p>	ongoing	21-12-17
S3C5 (f)	<p>(f) report on these investigations and the implementation and effectiveness of these measures in the Annual Review, to the satisfaction of the Secretary.</p>	Annual review	31-12-16
S3C6 (a)	<p>The Proponent shall prepare and implement a Noise Management Plan for the project to the satisfaction of the Secretary. The plan must:</p> <p>(a) be prepared in consultation with the EPA and Council, and submitted to the Secretary for approval by the end of January 2013, unless the Secretary agrees otherwise;</p>	NMP	Nov. 16
S3C6 (b)	<p>(b) describe the measures that would be implemented to ensure compliance with conditions 3-5 of this schedule, including a trigger action response plan based on noise complaints, real time and attended noise monitoring; and</p>	NMP	Nov. 16
S3C6 (c)	<p>(c) include a monitoring program that:</p> <p>(i) uses a combination of real-time and supplementary attended monitoring measures to evaluate the performance of the project;</p> <p>(ii) adequately supports the proactive and reactive noise management system on site;</p> <p>(iii) defines what constitutes a noise incident, and includes a protocol for identifying noise incidents and notifying the Department and relevant stakeholders of any such incident;</p> <p>(iv) evaluates and reports on the effectiveness of the noise management system on site; and</p> <p>(v) includes a program to calibrate and validate the real time noise monitoring results with the attended monitoring results over time (so the real time monitoring program can be used as a better indicator of compliance with the noise criteria in this approval and a trigger for further attended monitoring); and</p>	NMP	Nov. 16
S3C6 (d)	<p>(d) include a noise reduction strategy for progressively reducing mine noise during open cut mining operations, consistent with the noise scenarios</p>	NMP	Nov. 16

No.	Obligation	Indicator of Compliance	Date reviewed
	described in the document 'Tomingley Gold Mine Environmental Assessment - Project Approval No. 09_01SS Modification 3' dated November 2015.		
S3C7	The Proponent shall ensure that blasting on the site does not cause exceedances of the criteria in Table 4 of the conditions. However, these criteria do not apply if the Proponent has a written agreement with the relevant landowner, and has advised the Department in writing of the terms of this agreement.	Blast Management Plan R6 (BMP)	15-9-16
S3C8	The Proponent shall only carry out blasting on site between 9:00am and 5:00pm Monday to Saturday, inclusive. No blasting is allowed on Sundays, public holidays or at any other time without the written approval of the Secretary.	BMP	15-9-16
S3C9	The Proponent may carry out a maximum of three blasts per day for mining operations on the site, unless an additional blast is required following a blast misfire. This condition does not apply to blasts that generate ground vibration of 0.5 mm/s or less at any residence on privately-owned land, or blasts required to ensure the safety of the site or its workers. Note: for the purpose of this condition, a blast refers to a single blast event, which may involve a number of individual blasts fired in quick succession in a discrete area of the site.	BMP	15-9-16
S3C10	The Proponent shall advise the owners of privately-owned land within 2 kilometres of blasting operations at least 2 months prior to blasting that they are entitled to a structural property inspection to establish the baseline condition of buildings and other structures on the property.	Inspections carried out where requested.	19-3-13
S3C11	If the Proponent receives a written request from any such landowner, then within one month of receiving the request, and where possible prior to blasting, the Proponent shall: (a) commission a suitably qualified, experienced and independent person, whose appointment is acceptable to both parties to: (i) establish the baseline condition of any buildings and other structures on the land, or update the previous property inspection report; and (ii) identify measures that should be implemented to minimise the potential blasting impacts of the project on these buildings and/ or structures; and (b) give the landowner a copy of the new or updated property inspection report. If there is a dispute over the selection of the suitably qualified, experienced and independent person, or the Proponent or the landowner disagrees with the findings of the property inspection report, either party may refer the matter to the Secretary for resolution.	Ongoing, no recent requests.	21-12-17
S3C12	If the owner of any privately-owned land claims that buildings and/ or structures on his/ her land have been damaged as a result of blasting on the site, then within one month of receiving this claim the Proponent shall: (a) commission a suitably qualified, experienced and independent person, whose appointment is acceptable to both parties to investigate the claim; and (b) give the landowner a copy of the property investigation report. If this independent property investigation confirms the landowner's claim, and both parties agree with these findings, then the Proponent shall repair the damage to the satisfaction of the Secretary. If there is a dispute over the selection of the suitably qualified, experienced and independent person, or the Proponent or the landowner disagrees with the findings of the independent property investigation, either party may refer the matter to the Secretary for resolution.	Ongoing, no recent requests.	21-12-17
S3C13	During operation of the project, the Proponent shall: (a) implement best management practice to: (i) protect the safety of people and livestock in the surrounding area; (ii) protect public or private infrastructure/ property in the surrounding area from any damage, including the Newell Highway; and	BMP	15-9-16

No.	Obligation	Indicator of Compliance	Date reviewed
	(iii) minimise the dust and fume emissions from any blasting; (b) minimise the frequency and duration of any road closures, and avoid road closures during peak traffic periods; and (c) operate a suitable system to enable the public to get up-to-date information on the proposed blasting schedule on site, to the satisfaction of the Secretary.		
S3C1 4(a)	The Proponent shall prepare and implement a Blast Management Plan for the project to the satisfaction of the Secretary. This plan must: (a) be prepared in consultation with OEH, RMS and Council, and submitted to the Secretary for approval prior to undertaking any blasting in conjunction with mining operations on-site	BMP	15-9-16
S3C1 4(b)	describe the blast mitigation measures that would be implemented to ensure compliance with conditions 7-13 of this schedule	BMP	15-9-16
S3C1 4(c)	include a blast monitoring program to evaluate the performance of the project.	Ecotech Blast Monitoring system	ongoing
S3C1 5	The Proponent shall ensure that no offensive odours, as defined under the POEO Act, are emitted from the site.	Air quality and Greenhouse gas management Plan R5 (AQGHGMP)	July 2016
S3C1 6	The Proponent shall implement all reasonable and feasible measures to minimise the release of greenhouse gas emissions from the site to the satisfaction of the Secretary.	AQGHGMP	July 2016
S3C1 7	The Proponent shall ensure that all reasonable and feasible avoidance and mitigation measures are employed so that particulate matter emissions generated by the project do not exceed the criteria listed in Tables 5, 6 or 7 of the conditions at any residence on privately-owned land or on more than 25 percent of any privately owned land.	AQGHGMP	July 2016
S3C1 8	The Proponent shall: (a) implement best management practice, including all reasonable and feasible measures to minimise the off-site odour, fume and dust emissions from the project; (b) regularly assess the predictive meteorological forecasting data and real-time air quality monitoring data, and relocate, modify and/or stop operations on site to ensure compliance with the relevant conditions of this approval; (c) minimise the air quality impacts of the project during adverse meteorological conditions and extraordinary events (see Note d to Tables 5-7); (d) minimise any visible air pollution generated by the project; and (e) take all practical measures to minimise dust emissions from the residue storage facility,	AQGHGMP	July 2016
S3C1 9(a)	The Proponent shall prepare and implement an Air Quality and Greenhouse Gas Management Plan for the project to the satisfaction of the Secretary. This plan must: (a) be prepared in consultation with the EPA and Council, and be submitted to the Secretary for approval by the end of January 2013, unless the Secretary agrees otherwise;	AQGHGMP	July 2016
S3C1 9(b)	describe the measures that would be implemented to ensure compliance with conditions 15-18 of	AQGHGMP	July 2016

No.	Obligation	Indicator of Compliance	Date reviewed
	this schedule including a trigger action response plan based on air complaints, air quality and visual monitoring and meteorological forecasting and monitoring;		
S3C1 9(c)	include a program for the implementation of the measures referred to in (b) above;	AQGHGMP	July 2016
S3C1 9(d)	include an air quality monitoring program that (i) uses a combination of real-time and supplementary attended monitoring measures to evaluate the performance of the project; (ii) adequately supports the proactive and reactive air quality management system on site; and (iii) includes a protocol for determining exceedances of the relevant conditions of this approval; and	AQGHGMP	July 2016
S3C1 9(e)	describe the measures that would be implemented to minimise the release of greenhouse gas emissions from the site.	AQGHGMP	July 2016
S3C2 0	For the life of the project, the Proponent shall ensure that there is a suitable meteorological station operating in the vicinity of the site that: (a) complies with the requirements in the Approved Methods for Sampling of Air Pollutants in New South Wales guideline; and (b) is capable of continuous real-time measurement of temperature lapse rate in accordance with the NSW Industrial Noise Policy, unless a suitable alternative is approved by the Secretary following consultation with the EPA.	Calibration Certificate	12-1-17
S3C2 1	The Proponent shall ensure that it has sufficient water for all stages of the project, and if necessary, adjust the scale of mining operations to match its available water supply, to the satisfaction of the Secretary.	Water Management Plan (WMP)	Nov. 2017
S3C2 2	With the exception of potable water sourced to supply domestic consumption needs on the site, the Proponent shall preferentially employ water harvested from the site or generated through mine dewatering in place of potable water sourced from off-site.	WMP	Nov. 2017
S3C2 3	The Proponent shall ensure that all surface water discharges from the site comply with: (a) section 120 of the POEO Act; or (b) the discharge limits (both volume and quality) set for the project in any applicable EPL.	WMP	Nov. 2017
S3C2 4	The concentration of Weak Acid Dissociable (WAD) cyanide in tailings discharged from the discharge point to the residue storage facility shall not exceed 20 mg/L (90th percentile) or 30 mg/ L (maximum).	RSF Operations and Maintenance Manual	Dec. 2017
S3C2 5	The Proponent shall ensure that surface water diversion structures constructed as part of the project do not increase the frequency of flooding on the Newell Highway	WMP	Nov. 2017
S3C2 6	The Proponent shall provide a compensatory water supply to any owner on privately-owned land whose water entitlements are adversely impacted (other than an impact that is negligible) as a result of the project, in consultation with DPI Water, and to the satisfaction of the Secretary. The compensatory water supply measures must provide an alternative long-term supply of water that is equivalent to the loss attributable to the project. Equivalent water supply should be provided (at least on an interim basis) within 24 hours of the loss being identified, unless otherwise agreed with the landowner. If the Proponent and the affected landowner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these	WMP	Nov. 2017

No.	Obligation	Indicator of Compliance	Date reviewed
	measures, then either party may refer the matter to the Secretary for resolution. If the Proponent is unable to provide an alternative long-term supply of water, then the Proponent shall provide alternative compensation to the satisfaction of the Secretary.		
S3C2 7	The Proponent shall comply with the performance measures in Table 8 to the Satisfaction of the Secretary.	WMP	Nov. 2017
S3C3 1(a)	The Proponent shall obtain at least 6 months of additional baseline groundwater monitoring within 12 months of the project approval. This monitoring shall: (a) be sourced from bores WYMB02, WYMB03, WYMB04, WYMB06 (as shown in Figure 4.19 of the EA), and a new bore in the Gundong Creek alluvium to be established in consultation with DPI Water; and	WMP	Nov. 2017
S3C3 1(b)	include a minimum of monthly measurements of standing water level and water quality parameters consistent with those monitored in the EA	WMP	Nov. 2017
S3C3 2	The Proponent shall prepare and implement a Water Management Plan for the project to the satisfaction of the Secretary. This plan must be prepared in consultation with the EPA and DPI Water, by a suitably qualified and experienced person(s) whose appointment has been approved by the Secretary, and submitted to the Secretary for approval by the end of January 2013, unless the Secretary agrees otherwise.	WMP	Nov. 2017
S3C3 2(a)	In addition to the standard requirements for management plans (see Condition 3 of Schedule 5), this plan must include: (a) a Site Water Balance that: (i) includes details of: <input type="checkbox"/> sources and security of water supply; <input type="checkbox"/> water use on site; <input type="checkbox"/> water management on site; <input type="checkbox"/> off-site water discharges, including volume, timing and release point infrastructure requirements; <input type="checkbox"/> reporting procedures, including comparisons of the site water balance for each calendar year; ii) describe what measures would be implemented to minimise potable water use on site;	WMP	Nov. 2017
S3C3 2(b)	a Surface Water Management Plan that includes: (i) detailed baseline data on surface water flows and quality in creeks and other waterbodies that could be affected by the project (including Gundong Creek); (ii) a detailed description of the water management system on site, including: <input type="checkbox"/> clean water diversion systems, including the clean water and dirty water separation levee; <input type="checkbox"/> erosion and sediment controls, including sediment dam capacity; and <input type="checkbox"/> water storages; and (iii) detailed plans, including design objectives and performance criteria, for: <input type="checkbox"/> design and management of the final voids; <input type="checkbox"/> design and management of water storages including the residue storage facility and process water dams; and <input type="checkbox"/> control of any potential water pollution from the rehabilitated areas of the site; (iv) a program to monitor: <input type="checkbox"/> the effectiveness of the water management system; <input type="checkbox"/> potential leakage or spillage from on-site pipelines <input type="checkbox"/> surface water flows and quality, stream health and channel stability in Gundong Creek (in so far as it could potentially be affected by the project); (v) a plan to respond to any exceedance of the performance criteria, and mitigate and/or offset any adverse surface water impacts of the project; and (vi) reporting procedures for the results of the monitoring program; and	WMP	Nov. 2017

No.	Obligation	Indicator of Compliance	Date reviewed
S3C3 2(c)	<p>a Groundwater Management Plan, that includes:</p> <p>(i) detailed baseline data on groundwater levels, yield and quality in the region, and privately owned groundwater bores, that could be affected by the project;</p> <p>(ii) groundwater assessment criteria, including trigger levels for investigating any potentially adverse groundwater impacts;</p> <p>(iii) a program to monitor:</p> <ul style="list-style-type: none"> <input type="checkbox"/> groundwater inflows to the open cut and underground mining operations; <input type="checkbox"/> the impacts of the project on: <ul style="list-style-type: none"> - alluvial aquifers; and - any groundwater bores on privately-owned land that could be affected by the project; <input type="checkbox"/> the seepage/leachate from the residue storage facility, water storages, backfilled voids and the final void; and <input type="checkbox"/> the quality of groundwater to be re-used on the site; <p>(iv) a program for the on-going verification and refinement of the groundwater model, including the review and incorporation of additional baseline data obtained in accordance with condition 31, within 12 months of the project approval; and</p> <p>(v) a plan to respond to any exceedances of the groundwater assessment criteria; and</p> <p>(vi) should geochemical testing reveal a higher risk of acid rock or saline drainage, the Proponent shall prepare an acid mine drainage strategy in consultation with DPI Water and to the satisfaction of the Secretary.</p>	WMP	Nov. 2017
S3C3 3	The Proponent shall implement the offset strategy outlined in Table 8, and shown in Appendix 5 of the conditions of approval, to the satisfaction of the Secretary.	Property Vegetation Plan (PVP)	16-4-15
S3C3 4	By 31 January 2015, the Proponent shall make suitable arrangements to provide appropriate long-term security for the Offset Area in the strategy to the satisfaction of the Secretary.	Biodiversity Bond	20-6-14
S3C3 5	Prior to and during vegetation clearing, the Proponent shall engage a suitably qualified and/or experienced ecologist to confirm the presence of nesting/roosting species in areas to be affected by clearing activities.	Biodiversity Management Plan R6 (BioMP)	Jan. 2017
S3C3 6	Should any Grey-crowned Babblers be identified on the site, the Proponent shall develop measures to either relocate the birds or protect them and their roosting habitat from disturbance during vegetation clearing and construction works.	BioMP	Jan. 2017
S3C3 7(a)	The Proponent shall prepare a Biodiversity Management Plan for the project to the satisfaction of the Secretary. This plan must:	BioMP	Jan. 2017
S3C3 7(b)	(b) describe how the implementation of the biodiversity offset strategy would be integrated with the overall rehabilitation of the site;	Mining Operations Plan – Amendment 3 (MOP)	Oct. 2017
S3C3 7©	(c) describe the short, medium, and long term measures that would be implemented to:	BioMP	Jan. 2017
S3C3 7(d)	(d) include detailed performance and completion criteria for evaluating the performance of the biodiversity offset strategy, and triggering remedial action (if necessary);	MOP	Oct. 2017
S3C3 7(e)	(e) include a detailed description of the measures that would be implemented over the next 3 years, including the procedures to be implemented for:	BioMP	Jan. 2017
	(i) enhancing the quality of existing vegetation and fauna habitat;		

No.	Obligation	Indicator of Compliance	Date reviewed
	(ii) restoring native vegetation and fauna habitat on the biodiversity areas and rehabilitation area through focusing on assisted natural regeneration, targeted vegetation establishment and the introduction of naturally scarce fauna habitat features (where necessary); (iii) maximising the salvage of resources within the approved disturbance area – including vegetative, soil and cultural heritage resources – for beneficial reuse in the enhancement of the biodiversity areas or rehabilitation area; (iv) collecting and propagating seed; (v) minimising the impacts on fauna on site, including pre-clearance surveys and minimising the potential exposure to tailings; (vi) controlling weeds and feral pests; (vii) controlling erosion; (viii) managing grazing and agriculture on site; (ix) controlling access; and (x) bushfire management;		
S3C3 7(f)	include a seasonally-based program to monitor and report on the effectiveness of these measures, and progress against the detailed performance and completion criteria;	MOP	Oct. 2017
S3C3 7(g)	identify the potential risks to the successful implementation of the biodiversity offset strategy, and include a description of the contingency measures that would be implemented to mitigate against these risks	BMP	Jan. 2017
S3C3 7(h)	include details of who would be responsible for monitoring, reviewing, and implementing the plan.	BMP	Jan. 2017
S3C3 8	Within three months of the approval of the Biodiversity Management Plan, the Proponent shall lodge a conservation bond with the Department to ensure that the biodiversity offset is implemented in accordance with the performance and completion criteria of the Biodiversity Management Plan. The sum of the bond shall cover the full cost of implementing the Biodiversity Offset Strategy and be verified by a suitably qualified rehabilitation specialist or quantity surveyor. If the biodiversity offset is implemented to the satisfaction of the Secretary, the Secretary will release the conservation bond. If the offset strategy is not implemented to the satisfaction of the Secretary, the Secretary will call in all or part of the conservation bond, and arrange for the satisfactory implementation of the biodiversity offset. If the offset strategy is not completed generally in accordance with the completion criteria in the Biodiversity Management Plan, the Secretary will call in all or part of the conservation bond, and arrange for the satisfactory completion of the relevant works. With the agreement of the Secretary, this bond may be combined with the rehabilitation security deposit administered by DRE.	Biodiversity Bond	20-6-14
S3C3 9(a)	The Proponent shall prepare and implement a Heritage Management Plan for the project to the satisfaction of the Secretary. This plan must: (a) be prepared by a suitably qualified and experienced person(s) whose appointment has been endorsed by the Secretary;	Heritage Management Plan R4 (HMP)	24-3-17
S3C3 9(b)	be prepared in consultation with OEH and the Aboriginal stakeholders (in relation to the management of Aboriginal heritage values);	HMP	24-3-17
S3C3 9(c)	be submitted to the Secretary for approval by the end of January 2013, unless the Secretary agrees otherwise;	HMP	24-3-17
S3C3 9(d)	include the following for the management of Aboriginal heritage: (i) a description of the measures that would be implemented for: <input type="checkbox"/> protecting, monitoring and/ or managing heritage items on site; <input type="checkbox"/> implementing proposed archaeological investigations and/ or salvage measures for heritage items on site; <input type="checkbox"/> managing the discovery of any human remains or previously unidentified Aboriginal objects on site; <input type="checkbox"/> maintaining and managing reasonable access for Aboriginal stakeholders to heritage items on site;	HMP	24-3-17

No.	Obligation	Indicator of Compliance	Date reviewed
	<ul style="list-style-type: none"> <input type="checkbox"/> on-going consultation with the Aboriginal stakeholders in the conservation and management of Aboriginal cultural heritage on site; and <input type="checkbox"/> ensuring workers on-site receive suitable heritage inductions prior to carrying out works on the site, and that suitable records are kept of these inductions; (ii) a strategy for the storage of any heritage items salvaged on site, both during the project and in the long term; 		
S3C3 9(e)	<p>(e) include the following for the management of non-Aboriginal heritage:</p> <ul style="list-style-type: none"> (i) a description of the measures that would be implemented for: <ul style="list-style-type: none"> <input type="checkbox"/> protecting, monitoring and/ or managing heritage items on site; <input type="checkbox"/> managing the discovery of any previously unidentified non-Aboriginal objects on site; and <input type="checkbox"/> ensuring workers on-site receive suitable heritage inductions prior to carrying out works on the site, and that suitable records are kept of these inductions; and (ii) a strategy for the storage of any heritage items salvaged on site, both during the project and in the long term. 	HMP	24-3-17
S3C4 0	Transportation of all dangerous goods to or from the site shall be undertaken in strict accordance with Australian Code for the Transport of Dangerous Goods by Road and Rail.	Traffic Management Plan R4 (TMP)	5-12-16
S3C4 1	Prior to the commencement of mining operations, the proponent shall upgrade Tomingley West Road between the intersection with Narromine-Tomingley Road and the intersection with the mine access road, to the satisfaction of Council.	Email to Council confirming Completion	9-6-14
S3C4 2	Prior to the commencement of mining operations, the Proponent shall construct the site access road intersection with Tomingley West Road in accordance with the requirements of Council.	Email to Council confirming completion	9-6-14
S3C4 3	The Proponent shall ensure that heavy vehicle movements associated with mining operations do not exceed 8 per day (4 in and 4 out), when measured as a daily average over any calendar month.	Delivery register	26-5-15
S3C4 4(a)	<p>The Proponent shall prepare and implement a Traffic Management Plan to the satisfaction of the Director-General. The plan shall:</p> <p>(a) focus on traffic management along Tomingley West Road and through the village of Tomingley to minimise the potential for conflicts between project-related traffic and other road users;</p>	TMP	5-12-16
S3C4 4(b)	describe the measures to be implemented to ensure the effective operation of the intersections between the project site and the Newell Highway, including the site access road and Tomingley West Road intersection and the Tomingley-Narromine Road and Newell Highway intersection;	TMP	5-12-16
S3C4 4(c)	be developed in consultation with Council and RMS, and must be submitted for the approval of the Secretary prior to the commencement of construction.	TMP	5-12-16
S3C4 5(a)	The Proponent shall: implement all reasonable and feasible measures to minimise the visual and off-site lighting impacts of the project;	ongoing	21-12-17
S3C4 5(b)	establish and maintain an effective vegetation screen and vegetated amenity bund consistent with the documents in condition 2 of schedule 2;	ongoing	21-12-17
S3C4 5(c)	ensure no outdoor lights shine above the horizontal	ongoing	21-12-17
S3C4 5(d)	ensure that all external lighting associated with project complies with Australian Standard AS4282 (INT) 1995 – Control of Obtrusive Effects of Outdoor Lighting, to the satisfaction of the Secretary.	ongoing	21-12-17
S3C4 6	Upon receiving a written request from the owner of any residence on privately-owned land which has, or would have, significant direct views of the project operations, the Proponent shall implement visual mitigation measures (such as landscaping treatments or vegetation screens) on the land in consultation with the landowner. These measures must be reasonable and feasible, and directed toward minimising the visibility of the project operations from the affected residence.	No requests received to date.	21-12-17

No.	Obligation	Indicator of Compliance	Date reviewed
	If within three months of receiving this request from the landowner, the Proponent and the landowner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to the Secretary for resolution.		
S3C4 7	The Proponent shall prepare a Final Hazards Analysis (FHA) for the project to the satisfaction of the Secretary, in accordance with the Department's Hazardous Industry Planning Advisory Paper No. 6 – Guidelines for Hazard Analysis. Note: if the project design is no different from that assessed in the Preliminary Hazard Analysis (PHA), then the Director-General will accept the PHA as the FHA.	Final Hazard Analysis (incl. LOX)	1-12-14
S3C4 8(a)	The Proponent shall prepare and implement a Hazardous Materials Management Plan for the project to the satisfaction of the Secretary. The plan must: (a) be prepared in consultation with relevant government agencies including Council, RMS, EPA, NOW, WorkCover NSW and DRE;	Hazardous Materials Management Plan R4 (HMMP)	April 2017
S3C4 8(b)	be consistent with the International Cyanide Management Code for the Manufacture, Transport and Use of Cyanide in the Production of Gold;	HMMP	April 2017
S3C4 8(c)	be submitted to the Secretary for approval prior to commencing mining operations;	HMMP	11-4-2017
S3C4 8(d)	describe the measures that would be implemented to: (i) ensure sodium cyanide and other toxic chemicals are stored and handled on the site in accordance with AS/NZ 4452 – The Storage and Handling of Toxic Substances; and (ii) ensure the transportation of hazardous materials to or from the site is undertaken in accordance with the Department's Hazardous Industry Planning Advisory Paper No. 11 – Route Selection and the Australian Code for the Transport of Dangerous Goods by Road and Rail – current version; and	HMMP	11-4-2017
S3C4 8(e)	detail the emergency procedures for the Project consistent with the Department's Hazardous Industry Planning Advisory Paper No. 1 – Emergency Planning.	HMMP	11-4-2017
S3C4 9	The Proponent shall: (a) minimise the waste generated by the project; (b) ensure that the waste generated by the project is appropriately stored, handled and disposed of; and (c) manage on-site sewage treatment disposal in accordance with the requirements of Council, to the satisfaction of the Secretary	ongoing	21-12-17
S3C5 0	Within three years of the date of this approval, the Proponent shall investigate the feasibility of filling the Wyoming Three open cut pit void as part of the rehabilitation of the site, in consultation with DRE.	commenced	21-12-17
S3C5 1	The Proponent shall rehabilitate the site to the satisfaction of the DRE. This rehabilitation must be generally consistent with the proposed rehabilitation strategy described in the EA (as reproduced in Appendix 6), and comply with the objectives in Table 10.	MOP	Oct. 2017
S3C5 2	The Proponent shall carry out rehabilitation of the site progressively, that is, as soon as reasonably practicable after disturbance. All reasonable and feasible measures must be taken to minimise the total area exposed for dust generation at any time. Interim rehabilitation strategies shall be employed when areas prone to dust generation cannot yet be permanently rehabilitated. Note: It is accepted that some parts of the site that are progressively rehabilitated may be subject to further disturbance at some later stage of the project	Ongoing	21-12-17
S3C5 3(a)	The Proponent shall prepare and implement a Rehabilitation Management Plan for the project to the satisfaction of the Secretary, DRE. This plan must: (a) be prepared in consultation with the Department, OEH, EPA, DPI Water and Council;	MOP	Oct. 2017
S3C5 3(b)	be submitted to the Secretary, DRE for approval by the end of March 2013, unless the Secretary agrees otherwise;	Latest version of MOP	Oct. 2017
S3C5 3(c)	be prepared in accordance with any relevant DRE guideline	MOP	Oct. 2017

No.	Obligation	Indicator of Compliance	Date reviewed
S3C5 3(d)	outline the procedures to be implemented to achieve the rehabilitation objectives in condition 51;	MOP	Oct. 2017
S3C5 3(e)	describe how the rehabilitation of the site would be integrated with the implementation of the biodiversity offset strategy;	MOP	Oct. 2017
S3C5 3(f)	include detailed performance and completion criteria for evaluating the performance of the rehabilitation of the site, and triggering remedial action (if necessary);	MOP	Oct. 2017
S3C5 3(g)	describe the measures that would be implemented to ensure compliance with the relevant conditions of this approval, and address all aspects of rehabilitation including mine closure, final landform, and final land use;	MOP	Oct. 2017
S3C5 3(h)	include interim rehabilitation where necessary to minimise the area exposed for dust generation;	MOP	Oct. 2017
S3C5 3(i)	include a program to monitor, independently audit and report on the effectiveness of the measures, and progress against the detailed performance and completion criteria; and	MOP	Oct. 2017
S3C5 3(j)	build, to the maximum extent practicable, on the other management plans required under this approval.	MOP	Oct. 2017
S3C5 3(k)	(k) include a risk assessment of any potential threats to rehabilitation of disturbed areas to a condition that can support the intended final land use, including a strategy to address risks identified; and	MOP	Oct. 2017
S3C5 3(l)	(l) include consideration of options for backfilling the Caloma Two void	MOP	Oct. 2017
S4C1 (a)	Within 1 month of the date of approval, the Proponent shall notify in writing (a) the owner of land listed in Table 1 of schedule 3 that they have the right to require the Proponent to acquire their land at any stage during the project; and	MOP	Oct. 2017
S4C1 (b)	the owners of receivers R3 and R29 that they have the right to request the Proponent to ask for additional noise mitigation measures to be installed at their residence at any stage during the project.		
S4C2 (c)	Within two weeks of obtaining monitoring results showing: (c) an exceedance of any relevant noise criteria in Schedule 3, the Proponent shall notify affected landowners and/ or tenants in writing of the exceedance, and provide regular monitoring results to each of these affected parties until the project is again complying with the relevant criteria; and	Ongoing, should it be necessary	21-12-17
S4C2 (d)	(d) an exceedance of any relevant air quality criteria in Schedule 3, the Proponent shall send the affected landowners and/or tenants a copy of the NSW Health fact sheet entitled "Mine Dust and You"	Ongoing, should it be necessary	21-12-17
S4C3	If an owner of privately-owned land considers the project to be exceeding the relevant criteria in Schedule 3, then he/she may ask the Secretary in writing for an independent review of the impacts of the project on his/her land. If the Secretary is satisfied that an independent review is warranted, then within two months of the Secretary's decision the Proponent shall: (a) commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Secretary, to: (i) consult with the landowner to determine his/ her concerns; (ii) conduct monitoring to determine whether the project is complying with the relevant criteria in Schedule 3; and (iii) if the project is not complying with these criteria then identify measures that could be implemented to ensure compliance with the relevant criteria. (b) give the Secretary and landowner a copy of the independent review.	Ongoing, should it be necessary	21-12-17
S4C4	If the independent review determines that the project is complying with the relevant criteria in Schedule 3, then the Proponent may discontinue the independent review with the approval of the Secretary.	Ongoing, should it be necessary	21-12-17

No.	Obligation	Indicator of Compliance	Date reviewed
S4C5	<p>If the independent review determines that the project is not complying with the relevant criteria in Schedule 3, then the Proponent shall:</p> <p>(a) implement all reasonable and feasible mitigation measures, in consultation with the landowner and appointed independent person, and conduct further monitoring until the project complies with the relevant criteria; or</p> <p>(b) secure a written agreement with the landowner to allow exceedances of the relevant criteria, to the satisfaction of the Secretary.</p>	Ongoing, should it be necessary	21-12-17
S4C6	<p>Within 3 months of receiving a written request from a landowner with acquisition rights, the Proponent shall make a binding written offer to the landowner based on:</p> <p>(a) the current market value of the landowner's interest in the land at the date of this written request, as if the land was unaffected by the project, having regard to the:</p> <ul style="list-style-type: none"> <input type="checkbox"/> existing and permissible use of the land, in accordance with the applicable planning instruments at the date of the written request; and <input type="checkbox"/> presence of improvements on the land and/or any approved building or structure which has been physically commenced at the date of the landowner's written request, and is due to be completed subsequent to that date; <p>(b) the reasonable costs associated with:</p> <ul style="list-style-type: none"> <input type="checkbox"/> relocating within the Narromine local government area, or to any other local government area determined by the Secretary; and <input type="checkbox"/> obtaining legal advice and expert advice for determining the acquisition price of the land, and the terms upon which it is to be acquired; and <p>(c) reasonable compensation for any disturbance caused by the land acquisition process.</p> <p>However, if at the end of this period, the Proponent and landowner cannot agree on the acquisition price of the land and/or the terms upon which the land is to be acquired, then either party may refer the matter to the Secretary for resolution.</p> <p>Upon receiving such a request, the Secretary will request the President of the NSW Division of the Australian Property Institute to appoint a qualified independent valuer to:</p> <ul style="list-style-type: none"> <input type="checkbox"/> consider submissions from both parties; <input type="checkbox"/> determine a fair and reasonable acquisition price for the land and/or the terms upon which the land is to be acquired, having regard to the matters referred to in paragraphs (a)-(c) above; <input type="checkbox"/> prepare a detailed report setting out the reasons for any determination; and <input type="checkbox"/> provide a copy of the report to both parties. <p>Within 14 days of receiving the independent valuer's report, the Proponent shall make a binding written offer to the landowner to purchase the land at a price not less than the independent valuer's determination.</p> <p>However, if either party disputes the independent valuer's determination, then within 14 days of receiving the independent valuer's report, they may refer the matter to the Secretary for review. Any request for a review must be accompanied by a detailed report setting out the reasons why the party disputes the independent valuer's determination. Following consultation with the independent valuer and both parties, the Secretary will determine a fair and reasonable acquisition price for the land, having regard to the matters referred to in paragraphs (a)-(c) above, the independent valuer's report, the detailed report of the party that disputes the independent valuer's determination and any other relevant submissions.</p> <p>Within 14 days of this determination, the Proponent shall make a binding written offer to the landowner to purchase the land at a price not less than the Secretary's determination.</p> <p>If the landowner refuses to accept the Proponent's binding written offer under this condition within 6</p>	Ongoing, should it be necessary	21-12-17

No.	Obligation	Indicator of Compliance	Date reviewed
	months of the offer being made, then the Proponent's obligations to acquire the land shall cease, unless the Secretary determines otherwise.		
S4C7	The Proponent shall pay all reasonable costs associated with the land acquisition process described in condition 6 above, including the costs associated with obtaining Council approval for any plan of subdivision (where permissible), and registration of this plan at the Office of the Registrar-General	Ongoing, should it be necessary	21-12-17
S5C1 (a)	The Proponent shall prepare and implement an Environmental Management Strategy for the project to the satisfaction of the Secretary. This strategy must: (a) be submitted for approval to the Secretary prior to construction;	EMS	21-12-17
S5C1 (b)	provide the strategic framework for the environmental management of the project;	EMS	21-12-17
S5C1 (c)	identify the statutory approvals that apply to the project;	EMS	21-12-17
S5C1 (d)	describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the project;	EMS	21-12-17
S5C1 (e)	describe the procedures that would be implemented to: (i) keep the local community and relevant agencies informed about the operation and environmental performance of the project; (ii) receive, handle, respond to, and record complaints; (iii) resolve any disputes that may arise during the course of the project; (iv) respond to any non-compliance; (v) respond to emergencies; and	EMS	21-12-17
S5C1 (f)	include: (i) copies of any strategies, plans and programs approved under the conditions of this approval; and (ii) a clear plan depicting all the monitoring required to be carried out under the conditions of this approval.	EMS	21-12-17
S5C2 (a)	The Proponent shall assess and manage project-related risks to ensure that there are no exceedances of the criteria and/or performance measures in schedule 3. Any exceedance of these criteria and/or performance measures constitutes a breach of this approval and may be subject to penalty or offence provisions under the EP&A Act or EP&A Regulation. Where any exceedance of these criteria and/or performance measures has occurred, the Proponent shall, at the earliest opportunity: (a) take all reasonable and feasible measures to ensure that the exceedance ceases and does not recur;	Ongoing, should it be necessary.	21-12-17
S5C2 (b)	consider all reasonable and feasible options for remediation (where relevant) and submit a report to the Department describing those options and any preferred remediation measures or other course of action;	Ongoing, should it be necessary.	21-12-17
S5C2 (c)	implement remediation measures as directed by the Secretary, to the satisfaction of the Secretary	Ongoing, should it be necessary.	21-12-17
S5C3 (a)	The Proponent shall ensure that the management plans required under this approval are prepared in accordance with any relevant guidelines, and include: (a) detailed baseline data;	Ongoing.	21-12-17
S5C3 (b)	b) a description of: (i) the relevant statutory requirements (including any relevant approval, licence or lease conditions); (ii) any relevant limits or performance measures/criteria; (iii) the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the project or any management measures;	Ongoing.	21-12-17
S5C3 (c)	a description of the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria	Ongoing.	21-12-17
S5C3 (d)	a program to monitor and report on the: (i) impacts and environmental performance of the project; (ii) effectiveness of any management measures (see c above);	Ongoing.	21-12-17

No.	Obligation	Indicator of Compliance	Date reviewed
S5C3 (e)	a contingency plan to manage any unpredicted impacts and their consequences and to ensure that ongoing impacts reduce to levels below relevant impact assessment criteria as quickly as possible;	Ongoing.	21-12-17
S5C3 (f)	a protocol for managing and reporting any: (i) incidents; (ii) complaints; (iii) non-compliances with statutory requirements; and (iv) exceedances of the impact assessment criteria and/or performance criteria; and	EMS	21-12-17
S5C3 (g)	a protocol for periodic review of the plan.	EMS	21-12-17
S5C4 (a)	By the end of March each year following the commencement of construction, the Proponent shall review the environmental performance of the project to the satisfaction of the Secretary. This review must: (a) describe the development (including any rehabilitation) that was carried out in the past calendar year, and the development that is proposed to be carried out over the current calendar year;	Annual review	Dec. 2016
S5C4 (b)	include a comprehensive review of the monitoring results and complaints records of the project over the past calendar year, which includes a comparison of these results against the: (i) the relevant statutory requirements, limits or performance measures/criteria; (ii) requirements of any plan or program required under this approval; (iii) the monitoring results of previous years; and (iv) the relevant predictions in the EA;	Annual review	Dec. 2016
S5C4 (c)	identify any non-compliance over the past year, and describe what actions were (or are being) taken to ensure compliance;	Annual review	Dec. 2016
S5C4 (d)	identify any trends in the monitoring data over the life of the project;	Annual review	Dec. 2016
S5C4 (e)	identify any discrepancies between the predicted and actual impacts of the project, and analyse the potential cause of any significant discrepancies; and	Annual review	Dec. 2016
S5C4 (f)	describe what measures will be implemented over the next year to improve the environmental performance of the project	Annual review	Dec. 2016
S5C5	Within three months of: (a) the submission of an annual review under condition 4 above; (b) the submission of an incident report under condition 7 below; (c) the submission of an audit under condition 8 below; or (d) any modification to the conditions of this approval (unless the conditions require otherwise), the Proponent shall review, and if necessary revise, the strategies, plans, and programs required under this approval to the satisfaction of the Secretary. With the agreement of the Secretary, the Applicant may prepare any revised strategy, plan or program without undertaking consultation with all parties under the applicable conditions of this consent. Note: This is to ensure the strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the project.	Annual review	Dec. 2016
S5C6	The Proponent shall establish and operate a Community Consultative Committee (CCC) for the project in general accordance with the Guidelines for Establishing and Operating Community Consultative Committees for Mining Projects (Department of Planning, 2007, or its latest version), and to the satisfaction of the Secretary. This CCC must be operating within three months of the commencement of construction. Notes: <input type="checkbox"/> The CCC is an advisory committee. The Department and other relevant agencies are responsible for ensuring that the Proponent complies with this approval; and <input type="checkbox"/> In accordance with the guideline, the Committee should be comprised of an independent chair and appropriate	Ongoing, quarterly.	Nov. 2017

No.	Obligation	Indicator of Compliance	Date reviewed
	representation from the Proponent, Council, recognised environmental groups and the local community.		
S5C7	The Proponent shall notify the Secretary and any other relevant agencies of any incident associated with the project as soon as practicable after the Proponent becomes aware of the incident. Within seven days of the date of the incident, the Proponent shall provide the Secretary and any relevant agencies with a detailed report on the incident.	Ongoing, should it be necessary.	21-12-17
S5C8 (a)	One year after mining operations commence, and every three years thereafter, unless the Director- General directs otherwise, the Proponent shall commission and pay the full cost of an Independent Environmental Audit of the project. The audit must: (a) be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary;	GHD Audit Report	June 2015
S5C8 (b)	include consultation with the relevant agencies;	GHD Audit Report	June 2015
S5C8 (c)	assess the environmental performance of the project and assess whether it is complying with the requirements in this approval and any relevant EPL or Mining Lease (including any assessment, plan or program required under these approvals);	GHD Audit Report	June 2015
S5C8 (d)	review the adequacy of strategies, plans or programs required under the abovementioned approvals; and	GHD Audit Report	June 2015
S5C8 (e)	recommend appropriate measures or actions to improve the environmental performance of the project, and/ or any assessment, plan or program required under the abovementioned approvals. Note: This audit team must be led by a suitably qualified auditor and include experts in any fields specified by the Secretary.	GHD Audit Report	June 2015
S5C9	Within six weeks of the completion of this audit, or as otherwise agreed by the Secretary, the Proponent shall submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report.	Referral Letter to DPE	15-6-17
S5C10(a)	Prior to the commencement of construction on the site, or within 1 month of the submission of the relevant documents, the Proponent shall: (a) make copies of the following publicly available on its website: (i) the documents referred to in condition 2 of Schedule 2; (ii) all relevant statutory approvals for the project; (iii) all approved strategies, plans and programs required under the conditions of this approval; (iv) a comprehensive summary of the monitoring results of the project, reported in accordance with the specifications in any approved plans or programs required under the conditions of this or any other approval; (v) a complaints register, which is to be updated on a monthly basis; (vi) minutes of CCC meetings; (vii) the annual reviews required under this approval; (viii) any independent environmental audit of the project, and the Proponent's response to the recommendations in any audit; (ix) any other matter required by the Secretary; and	Ongoing	28-12-17
S5C10(b)	keep this information up-to-date, to the satisfaction of the Secretary.	Ongoing	28-12-17
STATEMENT OF COMMITMENTS			
1.1	Comply with Commitments recorded in Table 5.1 (this table).	Ongoing	28-12-17
1.2	Comply with all conditional requirements included in the: <ul style="list-style-type: none"> • PA 09_0155; • EPL 20169; • ML 1684; and • Groundwater licences. 	Ongoing	28-12-17
1.3	Implement the following management plans; <ul style="list-style-type: none"> • Mining Operations Plan (Rehabilitation Management Plan) • Cultural Heritage Management Plan • Water Management Plan 	Ongoing	28-12-17

No.	Obligation	Indicator of Compliance	Date reviewed
	<ul style="list-style-type: none"> • Noise Management Plan • Blast Management Plan • Air Quality and Greenhouse Gas Management Plan • Biodiversity Management Plan • Traffic Management Plan • Hazardous Materials Management Plan • Pollution Incident Response Management Plan 		
1.4	Prepare monthly environmental management reports and upload to the Mine website.	Ongoing	28-12-17
1.5	Incorporate relevant environmental data I information in Annual Environmental Management Reports	Annual Review	Dec. 2016
2.1	Mark, and where appropriate, survey the boundaries of the areas of proposed disturbance on the Mine Site.	Completed	Oct. 2013
2.2	Mark, and where appropriate fence, boundaries relevant to the biodiversity offset strategy. Within 6 months of approval of the biodiversity offset strategy.	Lease conditions amended.	22-6-16
3.1	Undertake all activities, where practicable, in accordance with the operating hours approved by PA 09_0155.	NMP	Nov. 2016
4.1	Construct and maintain an acoustic and amenity bund at the northern end of the Mine Site in accordance with PA 09 0155 MOD 2.	Completed	Sept. 2015
4.2	Implement noise mitigation and management measures in accordance with an approved Noise Management Plan (NMP)	Ongoing	28-12-17
4.3	Undertake noise monitoring in accordance with an approved NMP.	Ongoing	28-12-17
4.4	Implement procedures for response to real-time monitoring results.	NMP	Nov. 2016
4.5	Complete annual noise compliance monitoring	Ongoing	Nov. 2017
4.6	Ensure that a 24-hour complaints telephone line is maintained and that the surrounding community is made aware of the number. If noise-related complaints are received.	Ongoing	28-12-17
4.7	Ensure that prompt action is taken to identify the nature of any complaint received and verify the relevant noise levels using the real-time noise monitoring equipment.	NMP	Nov. 2016
5.1	Construct and maintain surface water management infrastructure of the Mine in accordance with an approved Water Management Plan (WMP).	Ongoing	28-12-17
5.2	Implement impact mitigation measures in accordance with an approved WMP.	Ongoing	28-12-17
5.3	Undertake surface water monitoring in accordance an approved WMP	Ongoing	28-12-17
5.4	Ensure that all fuel and reagent storage, delivery and handling areas are appropriately sealed and bunded and that overflow pipes are installed in a manner that would minimise the potential for pollution in the event of overfilling.	Completed	Dec. 2013
5.5	Securely store all hydrocarbon and chemical products.	Ongoing	28-12-17
5.6	Ensure all hydrocarbon and chemical storage tanks are either self-bunded tanks or bunded with an impermeable surface and a capacity to contain a minimum 110% of the largest storage tank capacity.	Ongoing	28-12-17
5.7	Refuel all equipment within designated areas of the Mine Site, where practicable.	Ongoing	28-12-17
5.8	Undertake all maintenance works involving hydrocarbons, where practicable, within designated areas of the Mine Site such as the maintenance workshop.	Ongoing	28-12-17
5.9	Direct all water from wash-down areas and workshops to oil/water separators and containment systems.	Ongoing	28-12-17
5.10	Construct the RSF in accordance with design specifications and have OA/OC assessment completed.	Ongoing – by GHD	28-12-17

No.	Obligation	Indicator of Compliance	Date reviewed
5.11	Line the RSF and Raw Water Dam with compacted clay to achieve a permeability of 1×10^{-9} sm/s or less.	Macquarie Geotech Report	July 2015
5.12	Provide for design specific freeboard within the RSF and Raw Water Dam to prevent overtopping.	Ongoing – 500mm freeboard	28-12-17
6.1	Remove water accumulating in the open cuts, transfer to Dewatering Dams and use preferentially for dust suppression activities.	Ongoing	28-12-17
6.2	Implement impact mitigation measures in accordance with an approved Water Management Plan (WMP).	Ongoing	28-12-17
6.3	Undertake the groundwater monitoring in accordance an approved WMP.	Ongoing	28-12-17
6.4	Implement additional assessment, land owner notification and contingency or compensatory measures in accordance with an approved Site Water Management Plan.	Ongoing, if required.	28-12-17
7.1	Locate the Mine Site activities and infrastructure so as to avoid the majority of remnant native vegetation. Restrict disturbance of remnant native vegetation to (approximately): <ul style="list-style-type: none"> • 2.7ha (of 36.9ha) of Inland Grey Box - Poplar Box - White Cypress Pine tall woodland on red loams; • 0.9ha (of 30.9ha) of Fuzzy Box - inland Grey Box on alluvial brown loam soils; and • 18.8ha (of 70.3ha) of Belah / Black Oak Western Rosewood Wilga woodland. 	Works located in areas approved in PA	Jan 2013
7.2	Implement the impact avoidance, minimisation, mitigation and offset measures of an approved Biodiversity Offset Strategy and Biodiversity Management Plan (BMP) for the Mine in consultation with the OEH and DPE.	Ongoing	28-12-17
7.3	Implement the Conservation Property Vegetation Plan, as agreed and signed between TGO and Local Land Services – Central West.	Lease conditions amended.	22-6-16
7.4	Complete rehabilitation in accordance with an approved Rehabilitation Management Plan (RMP) or Mining Operations Plan (MOP).	Ongoing	28-12-17
8.1	Implement the Cultural Heritage Management Plan for the Mine in consultation with OEH and DPE.	Ongoing, revised plan approved by DPE	20-3-17
8.2	In the event the disturbance footprint changes, ensure that appropriate consultation and field survey is undertaken to confirm no sites or objects of Aboriginal heritage significance are impacted.	Noted and ongoing.	28-12-17
8.3	Ensure work in an area is suspended should any Aboriginal sites be uncovered. The OEH Western Regional Archaeologist (Dubbo Office) and local Aboriginal community will be contacted to discuss how to proceed.	CHMP	Sept. 2016
9.1	Implement the Cultural Heritage Management Plan for the Mine in consultation with OEH and DPE.	Referred to and Approved	20-3-17
10.1	Maintain vegetated amenity bunds in the following locations. Adjacent to the eastern and western boundary of the Newell Highway. <ul style="list-style-type: none"> • To the north of the Caloma Open Cut. • To the south of the Wyoming One Open Cut. • to the north of Waste Rock Emplacement 2. 	Ongoing	28-12-17
10.2	Construct and progressively rehabilitate the Waste Rock Emplacements in accordance with an approved MOP (or Rehabilitation Management Plan).	Ongoing	28-12-17

No.	Obligation	Indicator of Compliance	Date reviewed
10.3	Place and operate lighting on the Mine Site that: <ul style="list-style-type: none"> are not directed towards, and therefore do not impact on the vision of motorists using, the Newell Highway; do not point towards surrounding residences; and minimise the 'loom' created by the lights. 	Ongoing	28-12-17
10.4	Provide for additional visual screening in response to reasonable and feasible request from surrounding land holders.	No request received to date.	28-12-17
10.5	Maintain the Mine Site in a clean and tidy condition at all times.	Ongoing	28-12-17
10.6	Implement commitments related to air emissions management.	Ongoing	28-12-17
11.1	Undertake all surface disturbance, mining, processing, transportation and other air emissions activities in accordance with an approved Air Quality and Greenhouse Gas Management Plan (AQGHGMP) for the Mine.	Ongoing, plan version R5	July 2016
11.2	Undertake air quality monitoring in accordance with an approved AQGHGMP for the Mine.	Ongoing	28-12-17
12.1	Undertake blasting in accordance with an approved Blast Management Plan (BMP).	Ongoing, Plan version R6	28-12-17
12.2	Ensure that all blasts are designed by a suitably qualified and experienced blasting engineer or shotfirer.	Ongoing	28-12-17
13.1	Undertake all transport operations in accordance with an approved Traffic Management Plan (TMP).	Ongoing, Plan Version R4	Sept. 2016
13.2	Enforce a Code of Conduct for all drivers for all heavy vehicles that travel to and from the Mine Site regularly. The Code of Conduct will stipulate safe driving practices must be maintained at all times.	No Practical to enforce.	28-12-17
13.3	investigate immediately any complaints received and substantiated incidents acted on decisively, which could include the banning the offending driver(s) from the Mine Site.	Ongoing, as with any community complaint.	28-12-17
13.4	Prepare an individual Traffic Control Plan for each over mass and overweight delivery.	RMS requirement.	28-12-17
14.1	Strip soil material as nominated within an approved MOP	Ongoing	28-12-17
14.2	Undertake final landform construction and rehabilitation in accordance with an approved RMP or MOP.	MOP	Oct. 2017
15.1	Maintain a register of the types and quantities of wastes produced on the Mine Site.	Ongoing, recorded by contractor.	28-12-17
15.2	Design and maintain storage areas to contain spillages.	Ongoing	28-12-17
15.3	Segregate and retain recyclable and non-recyclable waste in designated storage areas prior to removal from the Project Site.	Ongoing, serviced by contractor	28-12-17
15.4	Keep the Project Site in a clean and tidy condition	Ongoing, audited quarterly	28-12-17
15.5	Ensure waste is regularly removed from the Project Site by a licensed contractor.	Ongoing	28-12-17
16.1	Engage the community surrounding the Project in regular dialogue in relation to the proposed and ongoing operation of the Project and maintain an "open door" policy for any member of the community who wishes to discuss any aspect of the Project.	Ongoing	28-12-17
16.2	Proactively and regularly consult with those residents most likely to be adversely impacted by the Project.	Ongoing	28-12-17

No.	Obligation	Indicator of Compliance	Date reviewed
16.3	Continue to support community organisations, groups and events, as appropriate, and review any request by a community organisation for support or assistance throughout the life of the Project.	Ongoing Voluntary Planning Agreement	28-12-17
16.4	Advertise and maintain a community complaints telephone line.	Ongoing	Mar 2017
16.5	Make available excess water from the water supply bores and pipeline to Narromine Shire Council for supply to the residents of Tomingley.	completed	Nov. 2017
16.6	Ensure that infrastructure and services installed for the Project, including the water supply bores and pipeline, electricity transmission line, appropriate buildings and hardstand areas, remain available for alternative uses following completion of the Project, provided that such uses are consistent with the final land uses identified in this document or any subsequent approval.	Noted.	28-12-17
17.1	Maintain a Community Consultative Committee (CCC), including representative members of the community and Narromine Shire Council.	Ongoing	Nov. 2017
17.2	Regularly brief the CCC on activities within the Mine Site and seek feedback in relation to Project-related impacts whether real or perceived.	Ongoing	Nov. 2017
17.3	Maintain an environmental complaints line and register of complaints in accordance with the requirements of the Environment Protection Licence, once issued.	Ongoing	28-12-17
17.4	Respond promptly to any issue of concern or complaint raised by the community or a government agency.	Ongoing	28-12-17