



2023

Mallee Bull Project Environmental Management Plan

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Version	Date	Authorisation
0	March 2023	Jim Simpson

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UNITS OF MEASURE

Unit	Measure
°C	Degrees Celsius
cm	Centimetre
ha	Hectare
km	Kilometre
L	Litre
m	Metre
m ³	Cubic metre

PROJECT TERMS

Terminology	Definition
PML	Peel Mining Limited
Project	All PML exploration projects
Project Area	New South Wales
Resources Regulator	Department of Planning and Environment – Resources Regulator

LIST OF ABBREVIATIONS

Abbreviation	Meaning
AHD	Australian Height Datum
CEA	Common Exploration Activity
JV	Joint Venture
NAF	Non-acid Forming
NSW	New South Wales
PAF	Potentially Acid Forming
REF	Review of Environmental Factors

1 Project Overview

1.1 Introduction

Peel Mining holds tenements in the Cobar region containing prospects under current exploration and development.

One tenement is Exploration Licence (EL) 7461 and is located at Gilgunnia approximately 100km south of Cobar, New South Wales (Figure 1) which is known as the Mallee Bull Project.

The next phase of the development of this project includes further exploration work via a box cut and decline.

The Mallee Bull Project comprises a high grade copper deposit, featuring classic 'Cobar-style' Cu-Ag-Au-Zn-Pb mineralisation. Mineralisation commences at ~60m below surface and has been defined to at least 800m below surface and remains open along strike and depth. A maiden Mineral Resource Estimate was released in May 2014 and was subsequently upgraded in July 2017. The 2017 model comprises 6.76 million tonnes at 1.8% copper, 31 g/t silver, 0.4 g/t gold, 0.6% lead and 0.6% zinc containing approximately 119,000 tonnes of copper, 6.6 million ounces silver, 83,000 ounces gold, 38,000t lead and 38,000t zinc.

1.2 Project Scope and Objectives

The objectives of the proposed exploration project are as follows;

- Define the mineral resources associated with the deeper portions of the Mallee Bull Prospect, located in the vicinity of Gilgunnia, NSW.
- Provide drill core samples for metallurgical, geotechnical and associated test work. The proposed exploration program would involve the following activities.
 - Construction of a box cut to a maximum depth of approximately 25m below ground level (mbgl).
 - Construction of an exploration decline to a maximum depth of approximately 400mbgl.
 - Construction of associated surface infrastructure including a:
 - workshop;
 - administration buildings (site office, ablutions facility);
 - core yard and geology block;
 - magazine;
 - potentially acid forming (PAF) waste rock stockpiling area;
 - non-acid-forming (NAF) waste rock stockpiling area;
 - water storage facility;
 - site access road and internal roads; and
 - other ancillary infrastructure (e.g. fuel storage area, water management infrastructure).
- Rehabilitation of the development footprint within the REF Area.

1.3 Purpose

This Mallee Bull Project Environmental Management Plan (EMP) has been developed to:

- Provide a structured high-level approach to the management of potential environmental issues during the works associated with the Mallee Bull Exploration Project;
- Implement appropriate environmental management measures and controls during the project to minimise or avoid environmental impacts; and
- Document the intended environmental outcomes of the Project.

Implementing this EMP and associated sub-plans effectively will assist to meet regulatory and policy requirements for the Mallee Bull Exploration Project.

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The planning process involves identifying and understanding the environmental risks, impacts and legal requirements for Peel Mining associated with the Mallee Bull Exploration Project.

1.4 Legal Requirements and Other Commitments

The approval from the Resource Regulator for the Mallee Bull Exploration Project REF is referenced in Appendix 1.

Table 1 provides a summary of both the commitments made in the REF and conditions recommended by the Resource Regulator and how this is managed in this EMP.

Table 1: Summary of Commitments and Conditions and EMP Cross Reference

REF Commitment/REF Approval Condition	Commitment/REF Approval Condition	CEMP Reference
REF Commitment	Hours of Operation	Section 2.2
REF Commitment	Activity Duration	Section 2.1 and 2.2
REF Commitment	Proposed commencement and completion date	Section 2
REF Commitment	Maximum area of disturbance	Section 2
REF Commitment	Air Quality Management commitments	Section 3.2.1
REF Commitment	Protection of water source and sediment and erosion control	Section 3.2.2
REF Commitment	Noise and vibration management	Section 3.2.3
REF Commitment	Use of chemicals and hydrocarbons	Section 3.2.4
REF Commitment	Waste management	Section 3.2.5
REF Commitment	Ecology, fauna and livestock, weeds, pests and diseases management	Section 3.2.6
REF Commitment	Aboriginal cultural heritage	Section 3.2.8
REF Commitment	Traffic and Transport	Section 3.2.10
REF Commitment	Rehabilitation	Section 3.2.13
REF Commitment	Other approvals requirements	Section 1.4
REF Commitment	Community consultation	Section 7.4
REF Commitment	Complaints management	Section 6.1.3
REF Commitment	Incident management	Section 6.1
REF Commitment	Monitoring	Section 6.2.2
REF Commitment	Continuous improvement	Section 6.2

REF Commitment/REF Approval Condition	Commitment/REF Approval Condition	CEMP Reference
REF Commitment	Reporting	Section 6.2.3

1.5 EMP Structure

The structure of this document is based on *ISO14001 Environmental Management Systems*. The EMP applies to all activities associated with the Mallee Bull Project.

The EMP aims to drive a high standard of environmental management through the following processes;

- Planning;
- Implementation;
- Performance Management; and
- Continuous Improvement.

These processes are represented in Figure 1.

1.6 Legal Requirements

As a minimum, Newcrest is committed to comply with all applicable environmental laws and regulations.

Peel Mining has developed an Environmental Approvals Register ([ENV-REG-0002-Mallee Bull Approvals Register](#)) for the Mallee Bull Exploration Project which details;

- documentation and permits required to be completed/obtained prior to commencement of work associated with the project;
- Licence and Permit conditions required for ongoing activities associated with the Mallee Bull Project.

This [register](#) is reviewed on a monthly basis to check compliance against relevant licence and permit conditions.

The statutory approvals that currently apply to environmental management for the Mallee Bull Project are:

- Mining leases EL 7461 issued under the Mining Act 1992 (NSW);
- Mallee Bull Exploration Project Review of Environmental Factors (RWCorkery's Pty Ltd 2023)
- Groundwater bore licences issued under the Water Act 1912 (NSW); and
- Water Access Licences and Works Approvals issued under the Water Management Act 2000 (NSW).

The following Acts and associated regulations are applicable to the approval and operation of the Cadia site:

- Environment Protection and Biodiversity Conservation Act 1999 (Cth).
- Mining Act 1992 (NSW).
- Environmental Planning and Assessment Act 1979 (NSW).
- PoEO Act(NSW).
- Water Management Act 2000 (NSW).
- Water Act 1912 (NSW).
- Heritage Act 1977 (NSW).
- Biodiversity Conservation Act 2016 (NSW).

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- Fisheries Management Act 1994 (NSW).
- Local Land Services Act 2013 (NSW).
- Biosecurity Act 2015 (NSW).
- Pipelines Act 1967 (NSW).
- Roads Act 1993 (NSW).
- Contaminated Lands Management Act 1997 (NSW).
- Local Government Act 1993 (NSW).
- Crown Land Management Act 2016 (NSW).
- National Parks and Wildlife Act 1974 (NSW).
- Rural Fires Act 1997 (NSW).
- Dams Safety Act 2015 (NSW).
- Dams Safety Regulation 2019 (NSW).

The above listed Acts and regulations are also monitored through the [approvals register](#).

1.7 Other Commitments

1.7.1 Peel Mining Limited Policies

Peel Mining has the following documents which have been considered and integrated into this EMP;

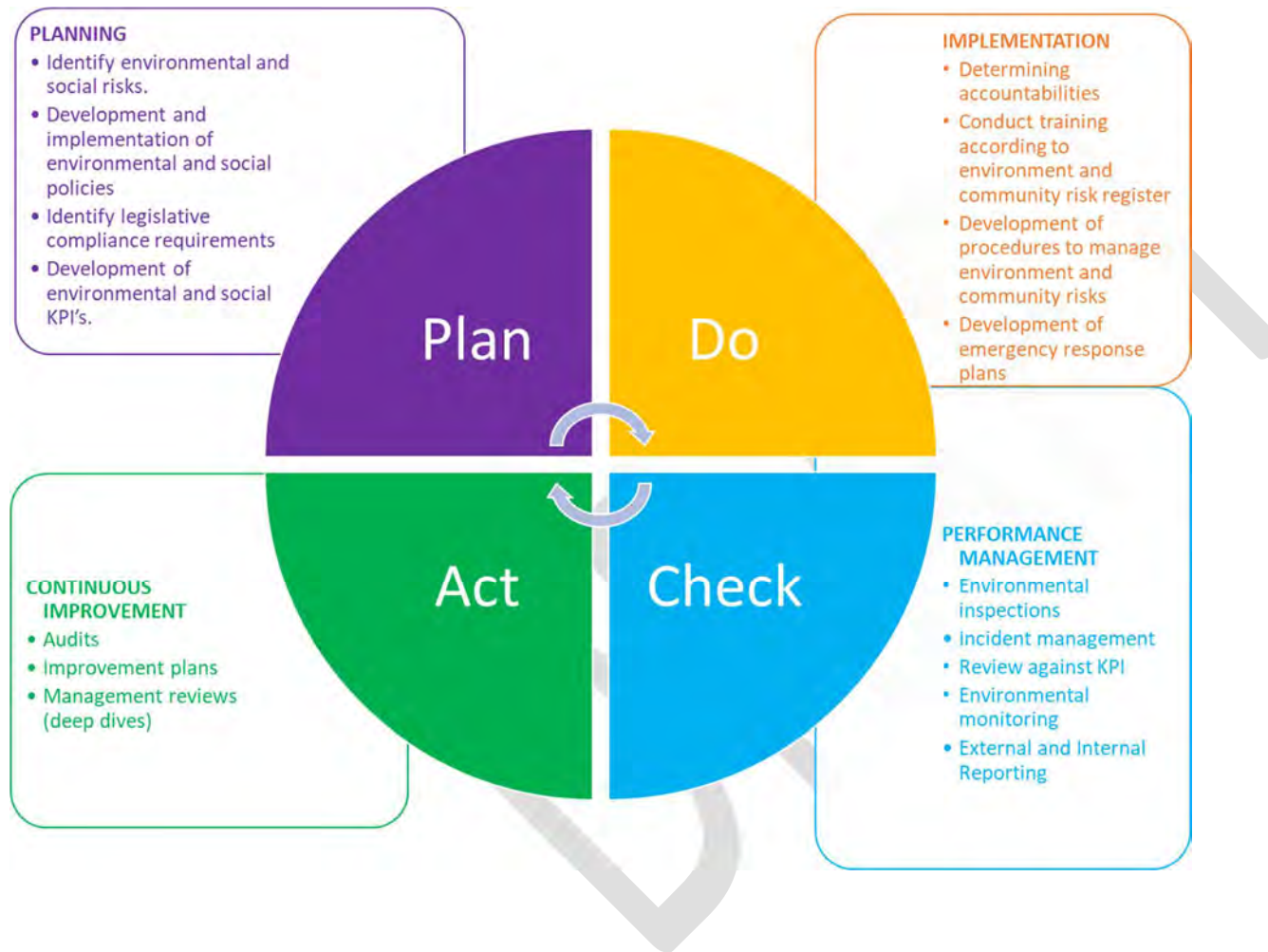
- Company Vision Statement ;
- Environment Policy; and
- Cultural Policy.

These can be viewed along with other company policies in Appendix 2; Peel Mining Limited Policies.

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Figure 1: EMP Overview



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1.8 Risk Assessment

Potential Environment and Social Performance hazards are identified and documented for activities associated with the Mallee Bull Project. This has been documented in the form of a Broad Brush Risk Assessment ([ENV_REG_0003 Mallee Bull BBRA](#)) as per Appendix 3.

The BBRA was completed based on the information provided in the Mallee Bull REF and in accordance with *OHS – Risk Management Procedure*.

The BBRA will be reviewed on an annual basis or if the following occurs;

- modification submitted and approved by the Resource Regulator for the Mallee Bull REF;
- outcomes of incident investigations which alter the procedures and processes defined in this management plan;
- major change to legislation which will result in change in which environmental hazards are appropriately managed.

2 Project Plan

The Mallee Bull Project will be implemented in two phases;

- Construction;
- Operations; and
- Decommissioning and Rehabilitation.

This plan will initially cover activities in the Construction phase, however will be updated as required to be implemented for the operational, decommissioning and rehabilitation phases of the project. The construction and operational phases are respectively represented in Figure 2 and Figure 3 for the Mallee Bull Project.

2.1 Construction

Construction works includes the following;

- Establishment of a box cut and exploration decline (max depth of 400mbgl); and
- Establishment of site infrastructure including access roads for heavy and light vehicles, office buildings, workshops, laydown areas, storage buildings, temporary accommodation, material (rock) stockpiles, water management structures and infrastructure, magazine, core yard, fuel storage.

Construction related activities would be conducted 7 days per week from 7 am – 6 pm.

2.2 Operations

Operational works include the following;

- Development of an exploration decline (max depth of 400mbgl);
- Management of waste rock (separated into NAF and PAF materials);
- Development of support structures required to facilitate the development of a safe exploration decline;
- Ongoing resource definition through drilling activities from the exploration decline;
- Water management within mine working areas underground and on surface;

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- Development of ventilation rise and escapeway;

Operational activities would be conducted 24 hours a day – 7 days per week.

2.3 Decommissioning and Rehabilitation

There are two options for rehabilitation of disturbed areas within the REF Area, namely:

1. If the application process for a full scale operational mine has commenced or is intended to proceed, no disturbed areas required for future mining operations would be rehabilitated; or
2. if a future mining operation is not planned or approved is not granted, full rehabilitation of the disturbed areas would occur.

Rehabilitation activities for Option 2 would comprise the following:

- Backfilling the box cut with waste rock material and blocking the entrance to prevent access.
- Ensuring all final landforms are safe, stable and non-polluting.
- Removing all site infrastructure.
- Backfilling and re-contouring disturbed areas (e.g. water storage facility) to connect with adjacent topography and re-establish natural drainage.

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Figure 2: Construction Scenario

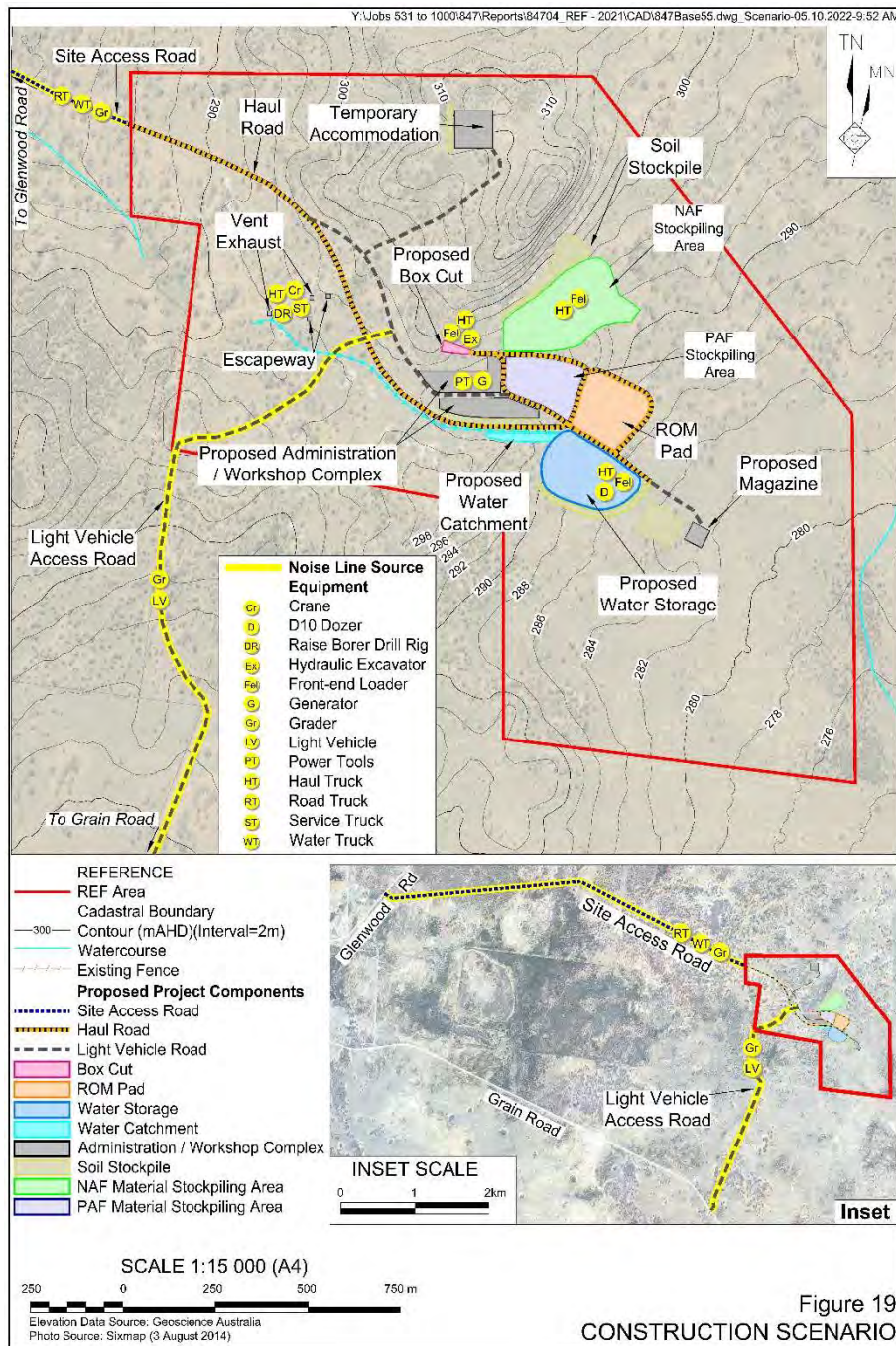
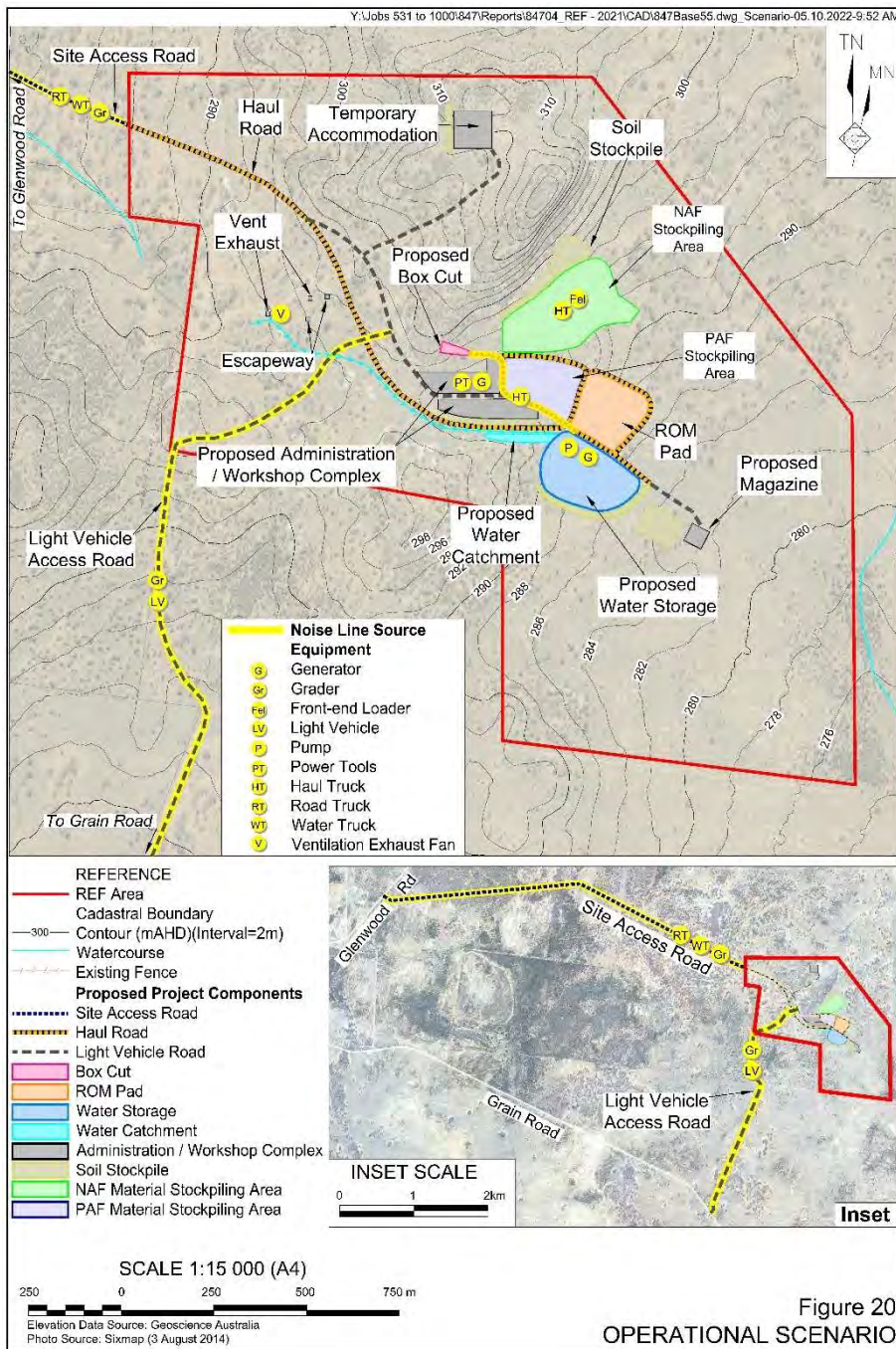


Figure 3:Operational Scenario



3 Implementation and Operation

The EMP applies to all activities within the defined project boundary as per Figure 2 and Figure 3 inclusive of the Light and Heavy Vehicle Access Roads onto Grain and Glenwood Roads respectively.

The implementation of the EMP will assist Peel Mining in complying with relevant environmental legislations, permits and licences and drive continual improvement in environmental management. The EMP will be integrated as part of the business processes and reinforced through ongoing communication and training opportunities for staff and contractors.

3.1 Environment and Community Aspects and Impacts

The key objective in developing and implementing a EMP for the Mallee Bull Project is to prepare a plan which addresses all relevant environmental aspect and potential impacts to the environment and community.

Key environmental targets for the Mallee Bull Project are:

- Operating in accordance with environmental approvals;
- Compliance with all relevant legal requirements, permits and licences;
- Implementation of best practice environmental and community management; and
- Engagement with the affected and broader community, to minimise complaints and respond to any complaints within a suitable timeframe.

As per Section 1.8, a [Broad Brush Risk Assessment](#) was developed as the basis for determining the environment and community risks associated with the Mallee Bull Project and the required mitigation measures to appropriately manage these risks.

3.2 Environmental and Community Impact Management and Control Plans

Appropriate controls have been identified for environmental and community risks for the Mallee Bull Project through;

- review of the Mallee Bull REF; and
- completion of a [BBRA](#) .

Some additional controls have been identified other than those stated in the Mallee Bull REF. These additional controls as well as the ones specified in the REF were assessed for effectiveness through the development of the [BBRA](#).

The following sections provide a summary of the appropriate controls identified for the Mallee Bull Project to manage environment and community risks.

3.2.1 Air Quality Management

Table 2 provides a summary of the activities which have the potential to impact on surface water and appropriate environmental management strategies.

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Table 2: Air Quality Management

Potential Air Quality Impact Risks and Management	
Activities which may impact on air quality	Light vehicle and heavy vehicle movement on access roads.
	Site establishment activities (earthworks, foundation preparation for temporary buildings, development of the box cut).
	Ongoing material movements from the decline to ROM, NAF or PAF stockpiles areas.
	Movement at end of the project of material from the PAF stockpile to be stored underground.
	Development and construction of vent shaft.
Potential Air Quality Impacts	Dust deposition to land or water.
	Potential impacts to amenity, through dust deposition at privately owned residences or adjacent privately owned land.
	Potential impacts to human health through the respiration of particulate matter.
Objectives of Management Strategies	Consistently meet all compliance requirements relating to air quality and greenhouse gas emissions, with no exceedances of Air Quality criteria as recommended in the Mallee Bull REF, Table 27 pp 68.
	Resolve any dust and odour related community concerns or complaints within an acceptable timeframe.
	Minimise dust and greenhouse gas emissions as far as practical.
	Ensure any visible air pollution generated by the project is assessed regularly, and that operations are relocated, modified, and/or stopped as far as is reasonable and feasible to minimise air quality impacts on privately-owned land.
Management Measures	Where reasonable levels of dust cannot be maintained due to adverse weather conditions, operations would be modified or cease until reasonable levels of dust are returned.
	The weather forecast would be checked prior to undertaking material handling or processing.

Potential Air Quality Impact Risks and Management	
	On-site vehicles and plant engines would be switched off when not in use.
	Vehicles would be serviced according to manufacturer's specifications and fitted with pollution reduction devices where practicable.
	Visual monitoring of activities would be undertaken to identify dust generation.
	The extent of exposed surfaces and stockpiles would be kept to a minimum and would be dampened with water as far as is practicable if dust emissions are visible or there is potential for dust generation to occur outside of operating hours.
	Drop heights from loading and handling equipment would be reduced, where practicable.
	Haul roads would be regularly inspected to remove potholes or depressions. Hardstand areas would be cleaned regularly.
	Vehicle traffic would be restricted to designated routes, where speed limits would be enforced. Vehicle loads would be covered when travelling off-site.
	Weekly environmental inspections (ENV-FRM-0001) to verify controls are effective and make required adjustments if required.

An Air Quality Impact Assessment was completed as part of the Mallee Bull REF (Appendix 6) by Todoroski Air Sciences (2022). This concluded that “the predicted incremental results show that minimal incremental effects would arise at the assessed sensitive receiver locations as a result of the Project (Todoroski, 2022). The predicted cumulative results indicate that all of the assessed sensitive receivers are predicted to experience levels below the relevant criteria for each of the assessed dust metrics (Todoroski, 2022).”

[ENV-PLN-0003- Mallee Bull Air Quality Management Plan](#) has been developed to summarise the controls to be implemented to reduce project related potential air quality impacts. These controls are also cross referenced in the [BBRA](#).

3.2.2 Water Management

3.2.2.1 Surface Water Management

The overall surface footprint of the Mallee Bull Project is small (approximately 27 ha). The REF reviewed the potential environmental risks relating to surface water and found that the REF area is not subject to flooding. The REF area is within the western harvestable rights area under the Harvestable Rights Policy. As a result, landholders are permitted to retain all runoff on their land. In addition, surface water drainages surrounding the REF Area are typically indeterminate, ephemeral and do not flow to the Darling River. As a result, environmental risks associated with temporarily removing the disturbed area from the catchment of a nearby unnamed watercourse would be negligible.

Table 3 provides a summary of the activities which have the potential to impact on surface water and appropriate environmental management strategies.

Table 3: Surface Water Management

Potential Surface Water Impact Risks and Management	
Activities which may impact on surface water flows or quality	Light vehicle and heavy vehicle movement on access roads
	Site establishment activities (earthworks, foundation preparation for temporary buildings, development of the box cut);
	Ongoing material movements from the decline to ROM, NAF or PAF stockpiles areas
	Movement at end of the project of material from the PAF stockpile to be stored underground; and
	Development and construction of vent shaft
Potential Surface Water Impacts	Soil erosion and sediment release to land or water.
	Water pollution from inappropriate placement and management of materials, equipment and waste.
	Transfer of sediments, nutrients and pollutants to waterways by overland flow.
	Altered water flow regimes.

Potential Surface Water Impact Risks and Management	
	Impact on aquatic flora and fauna as a result of altered water quality or quantity.
	Impact on water quality from use, storage and management of hydrocarbons and chemicals.
	Impact on water quality from use, storage and management of groundwater from dewatering activities associated with development of exploration decline and box cut.
Management Measures	Preventative maintenance on vehicles to prevent spills.
	Training for personnel regarding hydrocarbon management and emergency response for spills.
	Hydrocarbons appropriately stored and managed in bunded areas according to relevant AS.
	Sediment and erosion control plan in place to manage sedimentation from open surfaces including sediment ponds and diversion drains.
	Water management structures designed to comply with Managing Urban Stormwater - Volume 2E.
	Seeding of topsoil stockpiles for stabilisation and ongoing monitoring of vegetation establishment and growth.
	Road design include appropriate management of sedimentation from road use.
	Daily checks of sewage management systems. Alarms for sewage management system to notify of any system errors which may result in water overflow.
	Regular inspections and maintenance of groundwater management infrastructure.
	Water management infrastructure to manage runoff from PAF and ROM stockpile areas.
	PAF rock stored temporarily on the surface before being relocated back underground to backfill the exploration decline within a relatively short period.
	Potentially contaminated water will be stored in purpose build water management structures which are lined (runoff from PAF and ROM pads).

Potential Surface Water Impact Risks and Management	
	Spill kits available for clean up.

3.2.2.2 Groundwater Management

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Table 4 provides a summary of the activities which have the potential to impact on groundwater and appropriate environmental management strategies.

GHD completed an assessment of potential groundwater impacts associated with activities at the Mallee Bull Project for the REF (Mallee Bull Exploration Project REF, RWCorkery 2023 - **Appendix 3**). This assessment predicted a potential drawdown of groundwater levels around the Mallee Bull Project of a maximum of 2.9 km. The closest known stock and domestic bore is located 4.9 km from the Project (and will be included in the site groundwater monitoring program) as such is not considered to be impacted.

Based on the hydraulic properties associated with the fractured rock aquifer underlying the REF Area, GHD (2023) determined that the fractured rock groundwater source falls within the 'Level 1 Minimal Impact Considerations' for 'Less Productive, Porous and Fractured Rock Water Sources' under the NSW Aquifer Interference Policy (AIP).

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Table 4: Groundwater Management

Potential Groundwater Impact Risks and Management	
Activities which may impact on groundwater quality or flows.	Dewatering underground working areas.
	Development of exploration decline and box cut.
	Development of ventilation shafts.
Potential Groundwater Impacts	Groundwater contaminated with muds and hydrocarbons from exploration working areas entering into surrounding groundwater systems through fractures and faults and interconnected groundwater sources.
	Groundwater extraction for use or ingress into exploration working areas reducing the standing water level of surrounding groundwater users.
	Groundwater extraction for use or ingress into exploration working areas reducing the yield of surrounding groundwater bores used for agricultural or domestic purposes.
Management Measures	Assessment of surrounding groundwater users in the Mallee Bull REF area indicated closest bore is 4.9 km from project area. GHD predicting groundwater drawdown influence to extend to maximum of 2.9 km from the project area.
	If there are impacts on surrounding groundwater bore users mitigation will be offered in the form of installation of deep bore and provision to supply an alternative water source.
	No known GDE's are identified within 20 km of the REF area. During the installation of the groundwater monitoring bores water was not intercepted until depths greater than 50 m, which is beyond the reasonable limit of tree rooting depths.
	Groundwater monitoring for quality and depth will continue prior to and post REF activities as per the ENV-PRO-0002 Groundwater Monitoring Procedure.
	Movement of water (including groundwater) will be metered and reported on.
	Engaged with surrounding land holders (3) and have gained permission to access and monitor groundwater levels on privately owned land adjacent to Mallee Bull Project. These have been included in the groundwater monitoring program as per ENV-PRO-0002.

Potential Groundwater Impact Risks and Management	
	Capping of the PAF material and inundation with groundwater, together with sealing of the vent rises would prevent further oxidation and greatly minimising the risk of post closure acid mine drainage (GHD, 2023).
	Application of Water Access Licence for 183ML/year of Lachlan Fold Belt MDB groundwater source

3.2.3 Noise and Vibration Management

Table 5 provides a summary of the activities which have the potential to generate noise and vibration impacts on surrounding landholders. This table also references appropriate environmental management strategies for these potential impacts.

The Box Cut, PAF, NAF and ROM stockpile areas are located in a small valley within the project area which is shielded to the north/north east and south/south/west by small elevations in topography. The closest neighbour is 11 km away with no line of site of the project area.

Table 5: Noise Management

Potential Noise and Vibration Impact Risks and Management	
Activities which may result in noise or vibration impacts on surrounding landowners.	Operation of noise generating equipment (mobile or stationary including but not limited to vehicles, pumps, generators, maintenance equipment, raise bore equipment, vehicle deliveries, temporary accommodation facility operation).
	Light and heavy vehicle movements in and out of the site.
	Blasting activities.
Potential Noise Impacts	Sleep disturbance.
	Nuisance noise during the day or night.
	Vibration impacting on surrounding landholders infrastructure (houses, sheds, fences, pipelines, water storage dams etc).
Management Measures	Majority of activities will be conducted underground.
	Site establishment to occur in day time only hours.
	Small fleet with relatively small material movements.
	Generator sets will be silenced.
	Regular equipment maintenance on vehicles to reduce noise outputs.

Potential Noise and Vibration Impact Risks and Management	
	Environmental weekly inspections to check for equipment with excessive noise (ENV-FRM-0001).
	Scheduled maintenance on equipment to prevent increased in Sound Power Levels.

3.2.4 Chemical and Hydrocarbon Management

Table 6 provides a summary potential environmental risks and associated management strategies for the use of chemicals and hydrocarbons.

Table 6: Chemical and Hydrocarbon Management

Potential Impacts from Chemical and Hydrocarbon Use and Management	
Activities which may result in environmental impacts from the use of chemicals and hydrocarbons.	Transportation, use, storage and disposal of waste products of chemicals.
	Transportation, use, storage and disposal of waste products from hydrocarbons.
Potential Impacts	Surface water quality impact.
	Groundwater quality impact.
	Soil contamination.
	Flora and fauna health impact.
Management Measures	All chemicals will be stored and managed in accordance with Safety Data Sheets (SDS) and Australian Standards.
	Weekly inspections to be completed on chemical and hydrocarbon storage areas to ensure compliance.
	Appropriate spill kits available in accordance with SDS adjacent to chemical storage facility.
	Chemical handling and spill response training to be completed as per site training matrix.
	Quick release function on fuel bowsers.
	Fuel and chemical storage facilities located away from drainage lines.

Potential Impacts from Chemical and Hydrocarbon Use and Management	
	Chemical management system to be developed to approve use of chemicals on site and check storage and management processes are in place in accordance with SDS.

3.2.5 General Waste Management

Table 7 provides a summary potential environmental risks and associated management strategies for waste management.

Table 7: General Waste Management

Potential Impacts Relating to Waste Management and Appropriate Management Measures	
Activities which may result in environmental impacts from waste generation and management.	Maintenance activities on fixed and mobile equipment.
	Operation of the temporary accommodation facility.
	Operation of HV and LV workshop.
	Operation of administration building.
	Operation of warehouse.
Potential Impacts	Surface water pollution.
	Waste entering neighbour properties causing nuisance.
	Soil contamination.
	Flora and fauna health impact.
Management Measures	Infrastructure installed to manage various waste types e.g. paper recycling, scrap steel recycling. Waste infrastructure to have secure lids to prevent wildlife access and materials blowing away.
	Weekly environment inspections to check waste is segregated and contained appropriately and that infrastructure is adequate to manage the waste being generated.
	Induction and ongoing training for personnel regarding appropriate waste management practices.

3.2.6 Ecology Management

Table 9 provides a summary potential impacts on ecology as a result of the activities proposed at the Mallee Bull Project.

AREA (2022a) prepared a Biodiversity Development Assessment Report (BDAR) for the Mallee Bull Project REF (RWCorkery 2023, Appendix 4).

Peel Mining has taken steps to avoid and minimise biodiversity-related impacts by modifying and condensing earlier versions of the impact footprint to:

- avoid rocky habitat;
- avoid impact to habitat connectivity and undisturbed vegetation by placement of mine components in a previously disturbed area; and
- utilise existing site access roads to minimise the need for extra clearing.

Following the submission of the Mallee Bull REF, Peel Mining have further considered options to reduce impacts by re-assessing the location of building infrastructure such as the Heavy Vehicle/Light Vehicle Workshop, Administration building, Warehouse and Temporary Accommodation Facility.

These have all been relocated to an area of the same vegetation type as per the original REF – however reduced impacts through identifying an area with less vegetation and reducing access track disturbance.

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Figure 4 provides the proposed layout for the Mallee Bull REF.

The Mallee Bull REF identified a total of 37 ha of disturbance of the following native vegetation and habitat;

- PCT 103_Open - Poplar Box - Gum Coolabah - White Cypress Pine shrubby woodland mainly in the Cobar Peneplain Bioregion - 30.0ha
- PCT 104_Disturbed - Gum Coolabah woodland on sedimentary substrates mainly in the Cobar Peneplain Bioregion - 4.9ha
- PCT 104_Open - Gum Coolabah woodland on sedimentary substrates mainly in the Cobar Peneplain Bioregion - 1.4ha
- PCT 176_Recovering - Green Mallee - White Cypress Pine very tall mallee woodland on gravel rises mainly in the Cobar Peneplain Bioregion - 0.63ha

Peel Mining has elected to “opt in” to the NSW Biodiversity Offset Scheme for the Project. AREA (2022a) identified that a total of 683 ecosystem credits would be required for the Project (Mallee Bull Exploration REF, RWCorkery (2023) Table 41). Peel Mining would retire these credits prior to undertaking vegetation disturbance associated with Project through:

- establishment of a Stewardship Site; or
- purchase of required credits on the open market; or
- payment into the Biodiversity Conservation Trust.

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Table 8 provides a summary of the offset requirements for the Mallee Bull Project as calculated and documented in the BDAR.

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Table 8: Impact Requiring an Offset

Vegetation Zone	PCT	TEC	Area (ha)	Credits
Zone 1 PCT103_Open	PCT 103 – Poplar Box – Gum Coolabah – White Cypress Pine shrubby woodland mainly in the Cobar Penepplain Bioregion.	No	30.0	544
Zone 2 PCT104_Disturbed	PCT 104 – Gum Coolabah woodland on sedimentary substrates mainly in the Cobar Penepplain Bioregion.	No	4.9	106
Zone 3 PCT104_Open	PCT 104 – Gum Coolabah woodland on sedimentary substrates mainly in the Cobar Penepplain Bioregion.	No	1.4	21
Zone 4 PCT176_Recovering	PCT 176 – Green Mallee - White Cypress Pine very tall mallee woodland on gravel rises mainly in the Cobar Penepplain Bioregion.	No	0.6	12
			36.9	683
Source: AREA (2022a) – modified after Table E2.				

Table 9: Ecology Management

Potential Impacts on Ecology and Appropriate Management Measures	
Activities which may result in impacts on ecology.	Site establishment works.
	Waste rock management (including movement of material and ongoing management).
	Vent shaft construction and operation.
	Ongoing operational activity – e.g. vehicle movements, operation of temporary accommodation facility.
Potential Impacts	Impacts outside approved surface disturbance footprint on Flora and Fauna.
	Fauna death.
	Vegetation loss.
	Introduction of pests, weeds and diseases that impact on livelihood of native flora and fauna.

Potential Impacts on Ecology and Appropriate Management Measures	
	Impact on native flora and fauna from water contamination from operational areas (hydrocarbons, sediment laden water, PAF runoff, saline groundwater).
Management Measures	Development and implementation of ENV-FRM-0002 – Environmental Impact Permit and ENV-PRO-0001 – EIP Procedure to manage any site disturbance internal approvals.
	Induct all personnel in ENV-FRM-0002 – Environmental Impact Permit and ENV-PRO-0001 – EIP Procedure.
	Sediment and erosion control, protective fencing, ethical procedures for handling fauna, etc) to be specified in the EIP form. Checks to be conducted as per ENV-PRO-0001 – EIP Procedure and ENV-REG-0004 EIP Register .
	Clearly mark out and ensure that surface disturbance is limited to the proposed limit through ENV-FRM-0002 – Environmental Impact Permit and ENV-PRO-0001 – EIP Procedure.
	Undertake pre-clearance surveys prior to any vegetation clearing as per ENV-FRM-0002 – Environmental Impact Permit and ENV-PRO-0001 – EIP Procedure.
	Avoid, where practicable, clearing native vegetation in Spring.
	Implement staged habitat removal to allow fauna to vacate, if present. Habitat trees would be felled carefully using equipment that allows habitat trees to be lowered to the ground with minimal impact and hollows inspected.
	Assign a spotter/catcher during removal of hollow-bearing trees.
	Salvage and relocate tree hollows from trees cleared and affected as part of the Project.
	Use nest-boxes or prune remaining trees to create hollows to compensate for the loss of large hollows as a result of the Project.
Develop and implement a Biodiversity Management Strategy and a Biosecurity Management Strategy prior to construction.	

Figure 4: Proposed Mallee Bull REF Layout

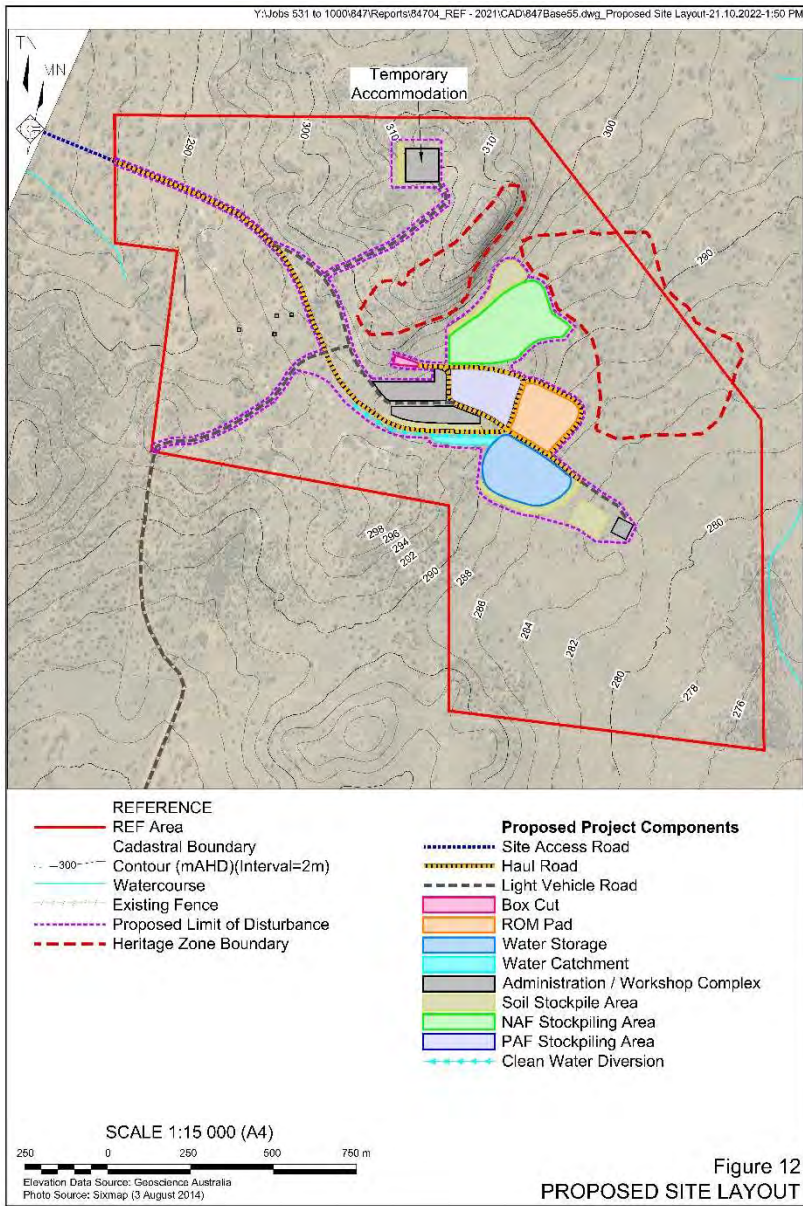


Figure 5: Plant Community Types

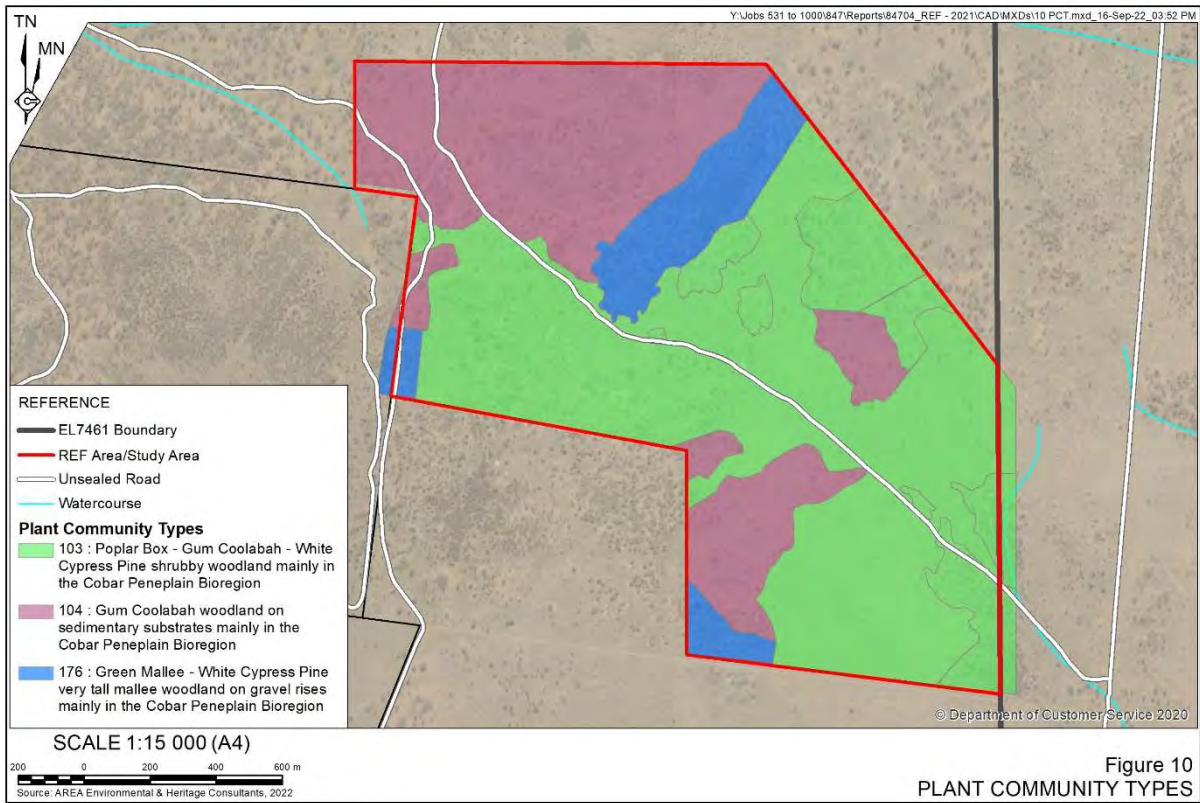


Figure 10
PLANT COMMUNITY TYPES

3.2.7 Bushfire Management

Table 10 provides a summary the appropriate management measures to be implemented to reduce the risk of bushfires as a result of activities conducted at the Mallee Bull Project.

Table 10: Bushfire Management

Potential Risks for Bushfire Management	
Activities which may result in increased risk of bushfire risk for surrounding landowners.	Conducting hot work- e.g. drilling, grinding, slashing, welding in open spaces.
	Smoking.
Potential Impacts	Bushfire offsite impacting on surrounding landowners (infrastructure, livestock, homes).
	Impact on native flora and fauna from damage as a result of bushfire (loss of habitat, loss of vegetation, fauna death or injury).

Potential Risks for Bushfire Management	
Management Measures	Assess weather predictions on a daily basis and modify activities in accordance to BOM fire weather warnings. Changes are to be documented in the pre start meetings.
	Maintain and operate machinery in a manner that would minimise the potential to start a fire. This would include ensuring that spark-free exhausts are fitted and that all fuel, electrical and braking systems are maintained in good order.
	Permit smoking only within designated, cleared areas.
	Ensure appropriate fire extinguishers and other firefighting equipment is fitted on all Company vehicles to manage any fire-related incidents.
	Ensure all employees are aware of fire risk and mitigation, and Company representatives are trained in the proper use of firefighting equipment.
	Modify on-site activities during high fire danger periods.
	Prepare an evacuation plan in the event of a bush fire.

3.2.8 Cultural Heritage Management

An Archaeology survey report was completed as part of the Mallee Bull REF (RW Corkery, 2023) **Appendix 5**. Surveys were conducted by AREA Consultants and 4 representatives from the Ngemba, Ngiyampaa, Wangaaypuwan and Wayilwan Registered Native Title Claimants. The field assessments were undertaken over two weekends in February 2022.

A total of 41 Aboriginal sites have been recorded within the study area and access road. One Aboriginal site (Mallee Bull AS05 as per Figure 6) will be partially impacted by the proposal, 12 sites within 100m of the impact footprint were avoided but require mitigation actions to reduce the likelihood of indirect impact. The remaining 28 Aboriginal sites are more than 100m away from the impact footprint and will be avoided by the proposal.

An AHIP will be applied for the AS05 area (Figure 6).

Table 11 provides a summary of the activities which has the potential to impact on cultural heritage and the appropriate management options for these.

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Table 11: Cultural Heritage Management

Cultural Heritage Management	
Activities which may have an impact on cultural heritage.	Site establishment works.
	Construction of access tracks.
	Ongoing operational activities e.g. water management, environmental monitoring works, operating of heavy equipment.
Potential Impacts	Disturbance or damage to known or unknown cultural heritage sites.
Management Measures	AS05 -AHIP will be completed in consultation with the Registered Aboriginal Parties and OEH for salvage works to be conducted where site infrastructure is planned.
	Induction to reference procedure for response to finding cultural heritage items.
	Aboriginal sites outside the Heritage Zones would be avoided and fenced off. The sites would be re-identified and appropriately marked out in the field with the assistance of a qualified archaeologist and the Aboriginal community.
	Aboriginal sites within 100m of proposed impacts would be fenced off using standard farm fencing with a buffer of 10m from the trunk of the Culturally Modified Trees and 5m from the boundaries of the Open Stone Artefact Sites.
	Relevant supervisors would be informed that cultural heritage sites are protected under the <i>National Parks and Wildlife Act 1974</i> and no harm is to come to them.
	Locations of the cultural heritage sites would be provided to the relevant supervisors responsible for the construction and operation of the Project and be documented on project maps and documents such that it is clear where Aboriginal sites are located, and that they are to remain unharmed by work.
	If any objects of suspected Aboriginal heritage origin are encountered during the Project, work in the area of the find would cease and the unexpected finds protocol (Appendix B of Appendix 5) would be implemented.
	If suspected human remains are located during any stage of the Project, work must stop immediately, and the NSW police must be notified.

Cultural Heritage Management

Create an exclusion zone around the Heritage Zones to avoid indirect or inadvertent impact

Figure 6: Cultural Survey Identified Sites

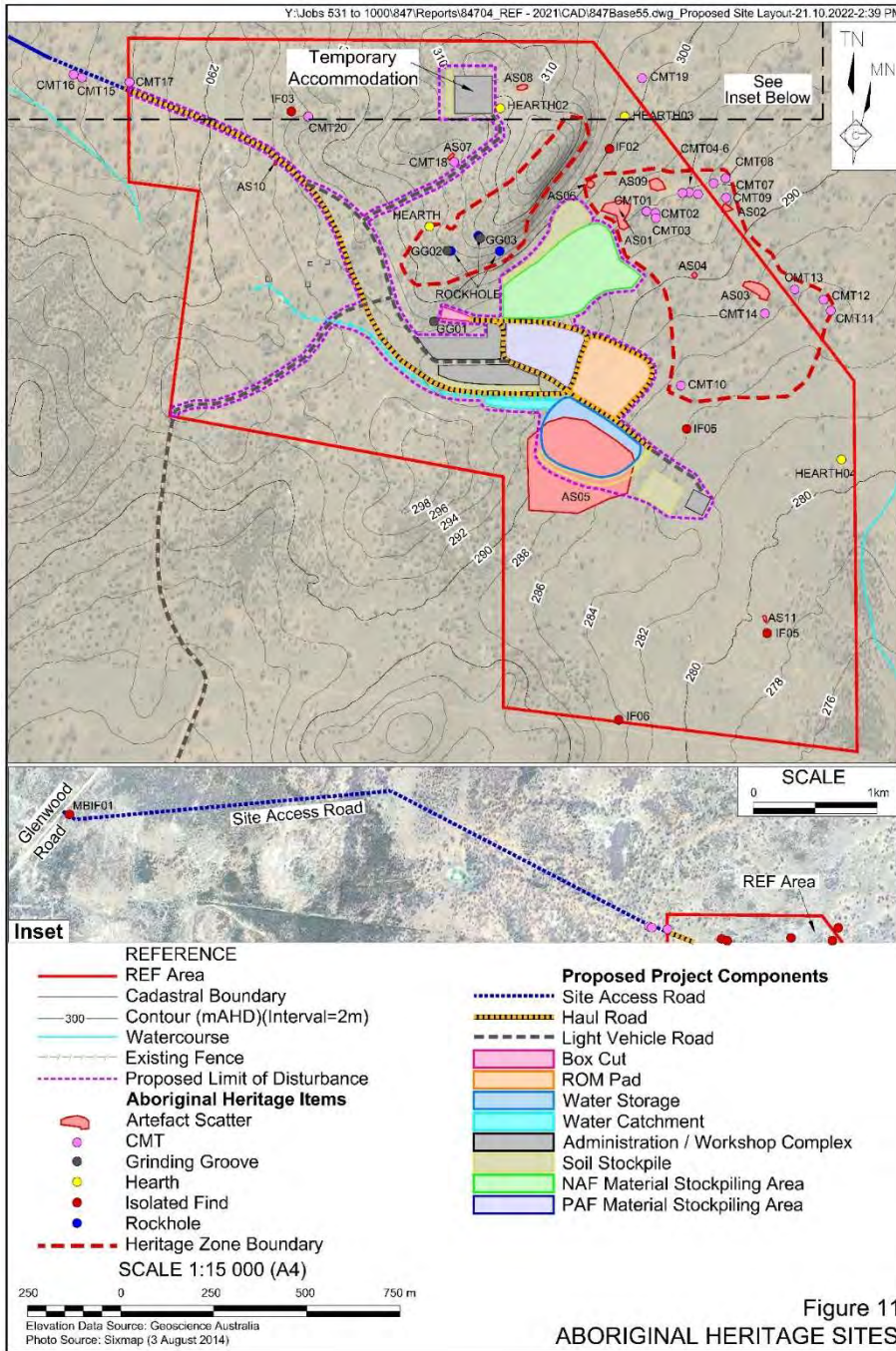


Figure 11

ABORIGINAL HERITAGE SITES

3.2.9 Historic Heritage Management

The following databases were searched on 18 July 2022 to identify heritage-listed items within or in close proximity to the REF Area.

- National Heritage List
- NSW State Heritage Inventory
- Cobar Local Environmental Plan (LEP) 2012

No items of historic, cultural or natural heritage were identified within or in close proximity to the REF Area.

However it is noted that when conducting further field assessments for suitable locations for the administrative, temporary accommodation, workshop and warehouse areas there are several old mine shafts that exist within the Mallee Bull Project area.

These will all be clearly marked in the field and secured to prevent access prior to the commencement of activities. Table 12 provides a summary of potential impacts and appropriate management with respect to historic heritage.

Table 12: Historic Heritage Management

Potential Risks for Bushfire Management	
Activities which result in impact to historic heritage items.	Site Establishment.
	Ongoing operational activities that create surface disturbance.
Potential Impacts	Disturbance or damage to known or unknown historic heritage sites.
Management Measures	Identify and mark out historic heritage areas in the field to prevent access.
	Reference included in ENV-FRM-000-0002 EIP to check for known historic heritage site for any site disturbance work approval processes.
	GIS system has mapped locations for known sites. Additional ground truthing conducted in March 2023 to check site locations.
	Consultation with Office of Environment and Heritage of appropriate management requirements for newly discovered sites.
	Include information in the site induction regarding appropriate management of historic heritage sites and notification of discovery of new sites.

3.2.10 Traffic and Transport Management

The Mallee Bull REF was updated in December 2022 to include a Traffic Impact Assessment as per the recommendation by Transport for NSW (TfNSW).

The assessment made recommendations based on the flow of traffic in and out of the site using the two proposed access points off Glenwood Road (Heavy Vehicle Access) and Grain Road (Light Vehicle Access). The management operations are summarised in Table 13.

Overall vehicle movements are very small with the majority of oversize roads occurring at the commencement of development and for demobilisation at the end of the project. A total of 28 trips are expected over a period of 5 days for the commencement of construction of oversize vehicles. At the start of operations there is expected to be 24 trips over 5 days of oversize vehicles. A maximum light vehicle trips at roster change would be 60 (weekly roster change).

The review of the road crash history of the roads expected to be used for haulage associated with the Project (Section 3.4 of the Traffic Impact Assessment – Appendix 8, Mallee Bull REF , RW Corkery 2023) did not identify any causation factors associated with the existing road network that may be exacerbated by increased traffic demands with the Project.

Table 13: Traffic and Transport Management

Traffic and Transport Management	
Activities which may impact on road use and transport safety.	Deliveries to site.
	LV access to and from site.
Potential Impacts	Vehicle accidents.
	Increased costs for Cobarr Shire Council regarding road maintenance.
	Reduced travel times or delays for local road users due to delivery of wide load items.
Management Measures	Obtain required permits for over-weight or over-size vehicles on the public road network.
	Ensure Dangerous goods are transported in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail.
	Ensure that all loads are covered prior to leaving the REF Area.
	widen the Site Access Road at its approach to Glenwood Road to reflect the swept paths of the heavy vehicles expected to use it.
	flatten the existing dip at the edge of Glenwood Road at the Site Access Road to provide adequate ground clearance for

Traffic and Transport Management	
	vehicles, and to ensure the angle of articulation of articulated vehicles remains satisfactory.
	Construct the Site Access Road to a desirable standard of two 3.5m travel lanes with 1.0m wide shoulders, and the Light Vehicle Access Road to a desirable standard of two 3.0m wide travel lanes with 0.5m wide shoulders.
	provide signage on Glenwood Road and Grain Road to alert drivers to the presence of the Site Access Road and Light Vehicle Access Road.
	<p>Development and implementation of a Traffic Management Plan which references;</p> <ul style="list-style-type: none"> • Compliance with access routes to site; • Compliance with road rules and relevant legislation governing transport; • Maintenance of safe following distances in various visibility conditions; • Driver behaviour expectations and school bus hour operating restrictions • Notification to local road users regarding wide load deliveries and potential delays to travel times.

3.2.11 Land Access

Peel Mining Limited own the land that the Mallee Bull Project is proposed. However there are several surrounding landholders surrounding the project.

Figure 7 provides an overview of land ownership around the REF area. Of note the Light Vehicle Access Road traverses through both a Travelling Stock Route (Crown Land) and Phil Bell's Wirchilleba property (property ID 6 in Figure 7). As such following determination of the Mallee Bull REF access agreements would need to be in place with these two land owners.

Table 14 provides a summary of Peel Mining Limited management for ensuring appropriate land access for company, private and crown land.

Figure 7: Land Ownership

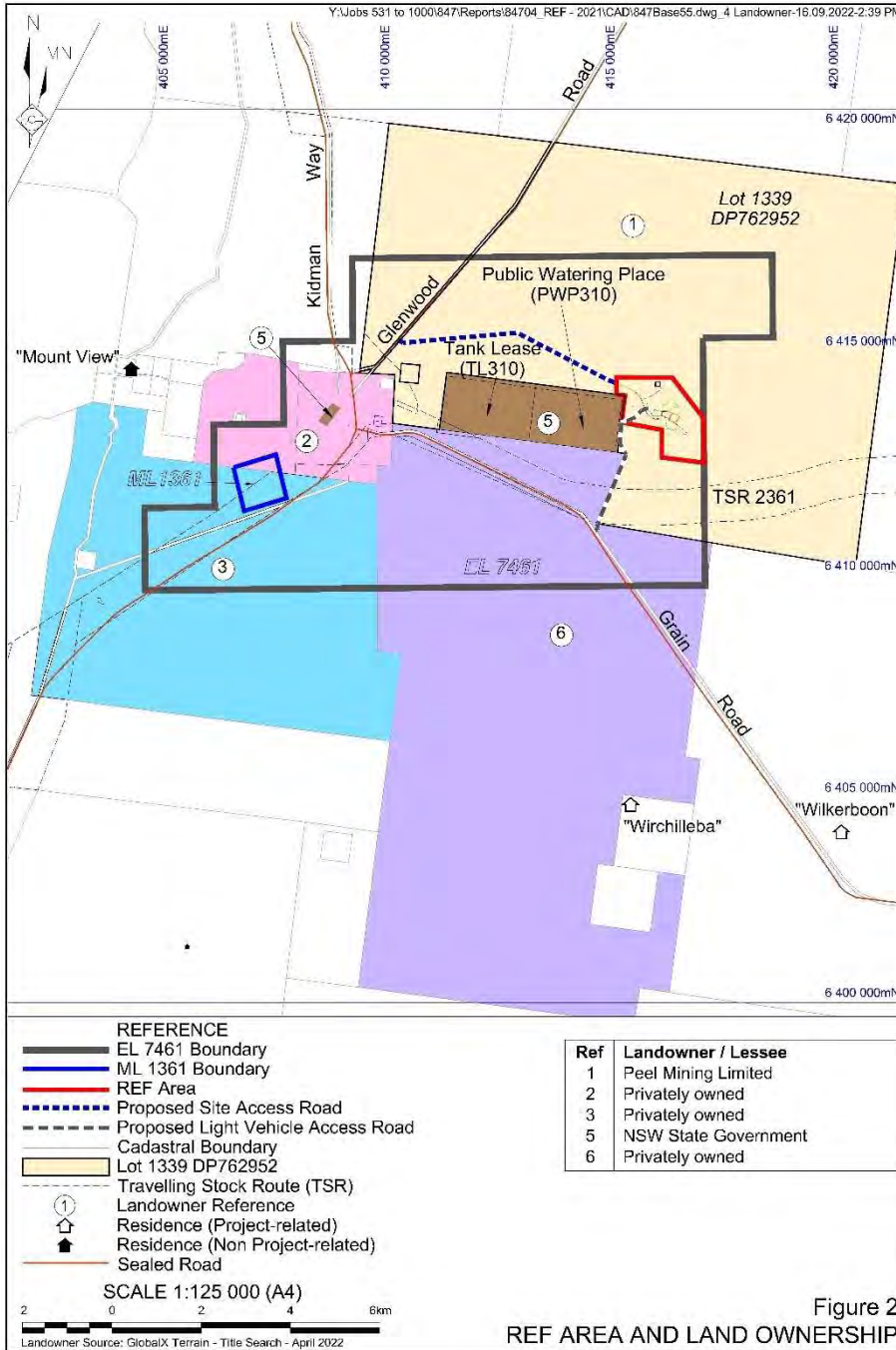


Table 14: Land Access Management

Land Access Management	
Activities which may impact on surrounding landholder with respect to land access.	Deliveries to site.
	LV access to and from site.
Potential Impacts	Access to private or crown land without permission.
Management Measures	Traffic Management Plan – defining required approved access to site.
	Signage to indicate site access permissions for private and crown land including contact numbers and personnel.
	Site indication provides information regarding site access requirements.
	Company website to include page on progress at Mallee Bull and include contact numbers for community complaints and feedback.

3.2.12 Fugitive Lighting

Fugitive lighting is not expected to be a risk at Mallee Bull due to the remote location of the project. The closest neighbour is 11 km away (Mount View) as per Figure 7. Whilst the topography at the Mallee Bull REF Area is relatively flat there are some elevated sections of land to the north east and west which would reduce any potential impacts on surrounding landholder with respect to Fugitive Lighting.

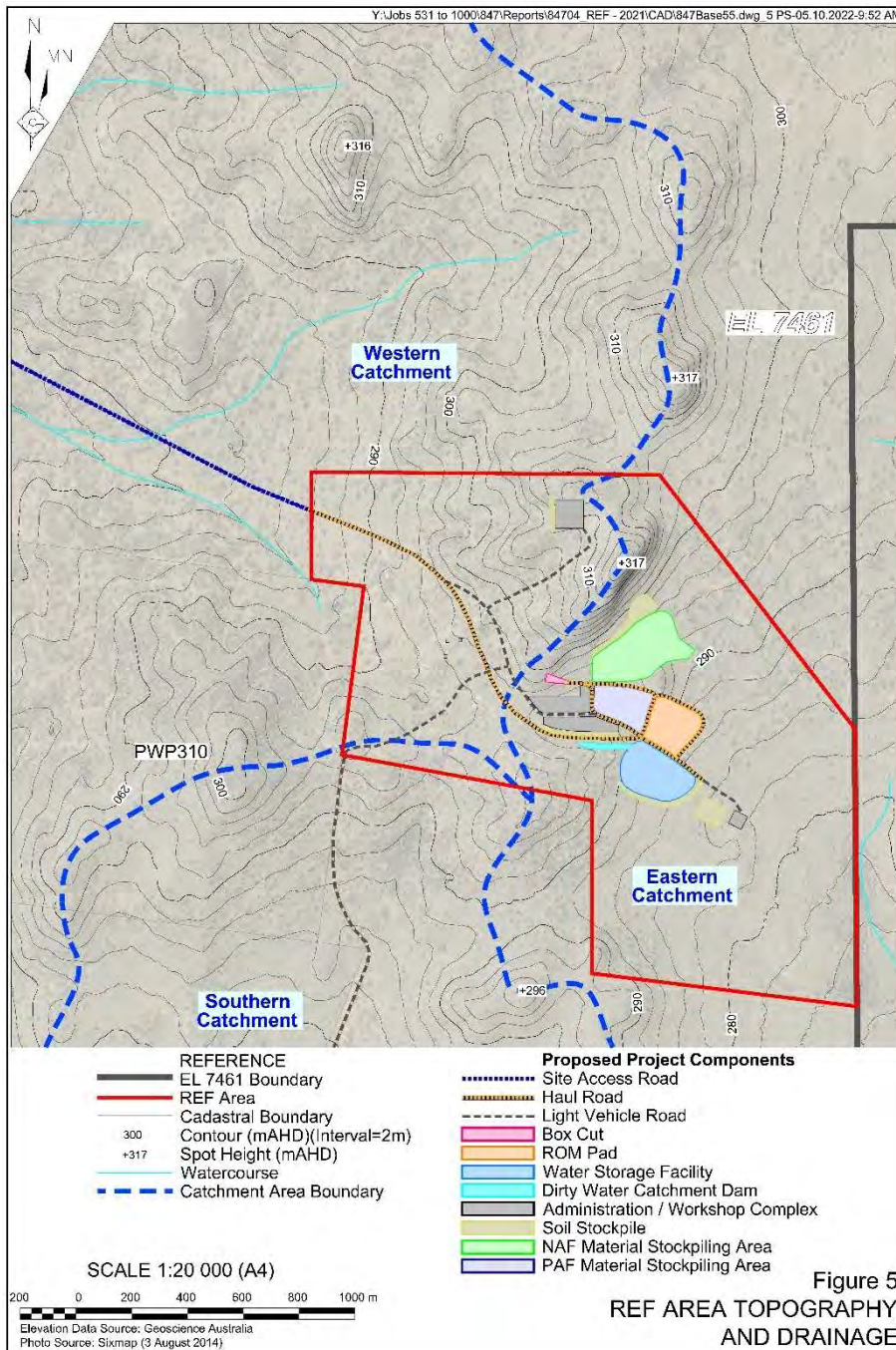
Table 15: Fugitive Lighting Management

Fugitive Lighting Management	
Activities which may have fugitive lighting impacts on surrounding landholders.	Operational activities at night requiring lighting.
Potential Impacts	Sleep disturbance for surrounding landholders.
	Impact on landscape aesthetics.
Management Measures	When using lighting plants or establishing other permanent lighting infrastructure ensure to direct them away from closest neighbours (this is managed through ENV-FRM-0001 EIP).
	Natural topography provides a barrier to fugitive lighting for surrounding landowners.

Fugitive Lighting Management	
	Induction to reference requirements for considerations for placement of lighting plants and permanent light infrastructure.
	Company website to include page on progress at Mallee Bull and include contact numbers for community complaints and feedback.
	Check options for low lumen lighting at night to reduce light spill or glow.

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Figure 8: REF Area Drainage and Topography



3.2.13 Rehabilitation

Details of final landforms proposed for the end of the Mallee Bull Project will be defined in the forward works program following determination of the REF. This will include details regarding;

- Final landform shapes;
- Design information on the landforms (gradient, slope, drainage, landform contours);
- Growth medium specifications (e.g. depth of topsoil material);
- Rehabilitation objectives, targets and criteria;

- Vegetation selection for final landforms.

Table 16 provides an overview of Rehabilitation Management at the Mallee Bull Project.

Table 16: Rehabilitation Management

Rehabilitation Management	
Activities which may impact on rehabilitation.	Surface disturbance works.
Potential Impacts	Loss of topsoil resource for future rehabilitation.
	Loss of habitat features for rehabilitation.
	Soil quality impacts from waste rock, water and chemical management.
	Unstable final landforms.
Management Measures	ENV-FRM-0001- EIP to reference requirements for topsoil salvage and stockpiling.
	ENV-FRM-0002 Environmental Inspection check topsoil management.
	ENV-FRM-0001- EIP to reference requirements for vegetation habitat salvage for all site disturbance works.
	ENV-FRM-0002 Environmental Inspection habitat resources for final rehabilitation works.
	Waste rock relocated underground following completion of project.
	Forwards work program to be developed and submitted to the Resource Regulator in accordance with the requirements of conditions of EL7461.

4 Roles and Responsibilities

The Peel Mining Limited Managing Director has overall responsibility for the environmental performance of the Mallee Bull Project.

The Site Managers have direct environment and community responsibility for their areas of control including the management / control of environment and community risks that arise from their Department's activities. The Peel Mining Limited Manager Environment, Social and Sustainability has direct responsibility for ensuring the site meets its environmental obligations and develops, implements and monitors systems to check that the internal ENV-PLN-0001 Environmental Management Plan is applicable to current operations.

The Environment team is to provide advice on environmental management to assist with maintaining compliance with environmental obligations of the Project and reducing impacts on the community surrounding the Mallee Bull Project. The Environment Team also conducts environmental monitoring in accordance with the requirements of the various management plans and monitoring programs.

Contractors working on the Mallee Bull Project must, as a minimum, comply with ENV-PLN-0001 Environmental Management Plan requirements.

All employees and contractors are expected to:

- Demonstrate by their day-to-day actions a visible commitment to the Health, Safety, Environment and Community performance requirements including legislative requirements, external commitments, Peel Mining Limited policies and procedures;
- Accept responsibility for their compliance obligations and the management of the potential impacts of their work, including the implementation of controls to manage environment and community risk;
- Be aware of expected behaviours and have a clear understanding of the consequences of inappropriate conduct; and
- Be aware that they have the right and responsibility to stop work or refuse to work in situations that may cause harm (to their safety, the safety of others, to the environment, to the community), and to immediately bring these situations to the attention of those at imminent risk, and to management.

The Managing Director or delegate has the obligation and authority to shut down any activities associated with the Mallee Bull Project in response to a set of circumstances that causes or threatens to cause material harm to the environment.

Table 17 provides an overview of the roles and responsibilities with respect to this management plan.

Table 17: Roles and Responsibilities

Role	Responsibility
All Personnel	<ul style="list-style-type: none"> • Everyone is responsible for identifying hazards associated with implementation of this Management Plan and initiating management of change to correct those deficiencies. • Be familiar with and comply with this Management Plan.
Manager Director	<ul style="list-style-type: none"> • Review this Management Plan (for effectiveness and its performance against its objective/s). Ensure that the system and this Management Plan are consistent with company policies, procedures and standards. • Provision of budget to implement the requirements of this management plan.
Manager Environment, Social and Sustainability	<ul style="list-style-type: none"> • Undertake Community consultation as necessary. • Review this Management Plan for effectiveness and its performance against its objectives. • Implement EIP process. • Ensure weekly environmental inspections are completed and follow up actions closed out and are effective. • Complete required reporting requirements.

Role	Responsibility
	<ul style="list-style-type: none"> Investigate and resolve environmental and community incidents. Complete required incident notification processes to relevant regulators. Provide information for site induction regarding environmental and community management practices. Development and implementation of sub plans for this document. Ensure environmental monitoring programs are implemented and reported on in accordance with site procedures. Maintain and co-ordinate reporting and record keeping. Check compliance of operations against this plan and relevant licenses, approvals and permits.
Database Team	<ul style="list-style-type: none"> Assist with the management and reporting of environmental monitoring data. Management of GIS data to assist with environmental management processes e.g. EIP process.
Site Manager	<ul style="list-style-type: none"> Manage activities on site in accordance with this management plan. Implement bushfire prevention and control measure. Undertake pest and weed control. Ensure relevant personnel and contractors within their responsibility are aware of and comply with this Management Plan. Monitor the implementation and use of this management plan and implement corrective action for any deviations found. Ensure any incidents which trigger reporting legislation are reported immediately. Ensure EIP process is implemented as per ENV-PRO-0001 EIP Procedure.

5 Training and Communication

5.1 Site Environmental Induction

Prior to commencing work on the Mallee Bull Porject, all Peel Mining Limited employees, contractors and sub-contractors must attend the site-specific inductions to inform them of:

- Peel Mining Environmental Policy;
- Environmental and community risks and appropriate management onsite;
- Historic Heritage and Aboriginal Cultural Heritage;
- Employee environmental and community responsibilities;
- Site contacts to seek further information if there are questions regarding environmental and community management.

All personnel acknowledge their environmental and community responsibilities by completing the induction.

5.2 Environmental Training and Awareness

In addition to the site-specific induction, further environmental training may be required for specific roles.

Environmental information and awareness will be communicated through toolbox sessions, pre-shift meetings, site notices and posters.

5.3 Training Records

Environmental training records shall be retained and maintained as appropriate.

6 Checking and Corrective Actions

6.1 Incidents and Emergencies

6.1.1 Incident Notification

All environmental incidents will be managed according [OHS.02.02.01 Incident Reporting](#).

All environmental incidents must be reported to the Manager Environment, Social and Sustainability as soon as practical, with a maximum reporting time limit of 12 hours. The Manager Environment, Social and Sustainability will coordinate the necessary requirements for reporting to the relevant regulatory body. Under no circumstance will a person other than Manager Environment, Social and Sustainability contact a regulator.

6.1.2 Incident Investigation and Corrective & Preventative Action

Peel Mining Limited has standards and procedures to investigate incidents and identify corrective actions to prevent reoccurrence and ensure future compliance.

Incident and investigation records, including the assigning and tracking of actions is maintained in a centralised incident management system Coreplan as well as the CPB Contractors Pty Ltd Synergy Application as appropriate.

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Figure 9 outlines the process for managing and reporting environmental incidents.

6.1.3 Complaint Management

Any complaints received relating to the Mallee Bull Project will be reported and recorded as per [OHS.02.02.01 Incident Reporting](#).

Records of community complaints are entered into Coreplan. Any findings (or lack thereof) shall be reported to the person/s who raised the initial complaint. The Peel Mining Limited website will contain contact information for the community to make a complaint or comment regarding the operations.

6.2 Inspections, Monitoring and Auditing

6.2.1 Inspections

Environmental inspections will be undertaken to develop and evaluate the effectiveness of environmental controls. They will:

- Ensure risk control measures are in place and appropriate;
- Proactively identify environmental hazards;
- Provide feedback on correct environmental management;
- Identify non-compliance with legal or other requirements; and
- Identify opportunities for continuous improvement.

Weekly site environmental inspections will be conducted as per [ENV-FRM-0001- Environmental Weekly Inspections](#).

Inspections will be documented and recorded in Coreplan. Application with actions assigned where non-compliance or opportunities for improvement are observed. Actions and action completion from the weekly inspections will be raised at weekly management team meetings as appropriate.

6.2.2 Monitoring

Environmental performance will be monitored for each environmental element throughout the Project. Monitoring will address performance in relation to the environmental outcomes and the performance criteria, and implementation of the mitigation measures needed to achieve the environmental outcomes.

6.2.3 Reporting

Peel Mining Limited is required to submit compliance reports relating to licences, approvals, legislative conditions and internal targets. Reports are to be scheduled appropriately to ensure submission dates are met.

6.2.4 Auditing

External audits will be undertaken as directed and scheduled by the relevant regulator or independent auditors to verify compliance.

All audit findings and corrective actions shall be recorded and reported through the management team.

6.2.5 Management Review

This Plan will be reviewed annually. The Manager Environment, Social and Sustainability will review the EMP to determine its continuing suitability, adequacy and effectiveness, and to identify opportunities for improvement.

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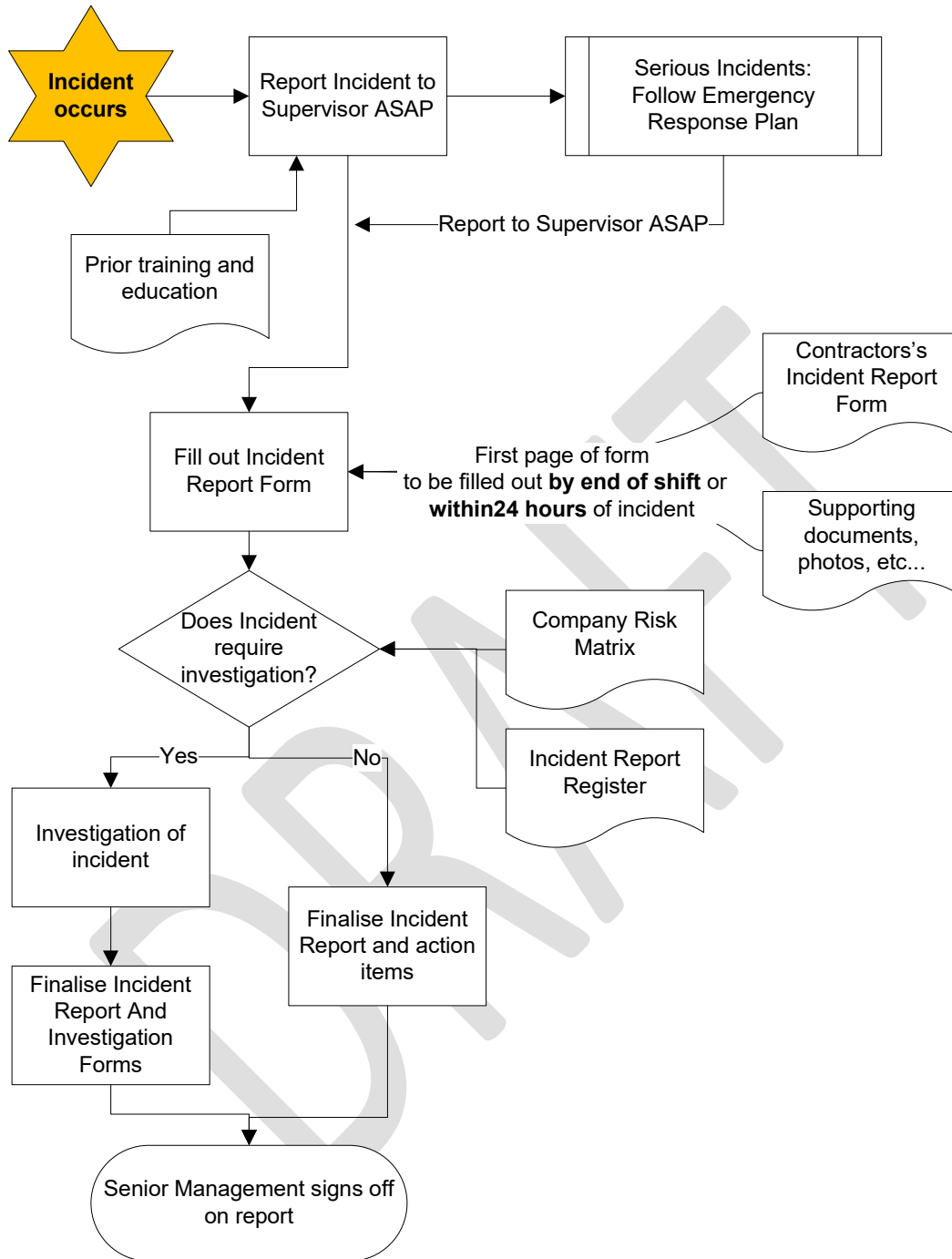
6.2.6 Action Management and Non-conformance

Any non-conformance or opportunity for improvement arising from an environmental incident, inspection, audit, hazard or opportunistically shall be recorded as an action in Coreplan and shall remain as such until it has been addressed to the satisfaction of the Manager Environment, Social and Sustainability. In general, identification of contingency or adaptive management measures would include:

- take all reasonable and feasible steps to ensure that the exceedance ceases and does not reoccur;
- consider all reasonable and feasible options for remediation (where relevant) and submit a report to regulators describing those options and any preferred remediation measures or other courses of action; and
- implement remediation measures as directed by the regulators.

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Figure 9: Incident Reporting Flowchart



7 Documentation and Communication

7.1 Document Control

A document control register is maintained by the Environment Team for Environmental and Community Management controlled documents – [ENV-REG-0001 Document Register](#). This document is password protected and managed by the Environment Team. Version history and revision dates are managed through this register.

7.2 Records Management

Environmental records will be maintained and filed, either in the Peel Mining (South Cobar Project) server. These documents will be kept for a minimum of five years including all monitoring results or other information required and made available for inspection upon request by the administering authority.

Records management will ensure all records are identified, stored, protected, retrieved, retained and disposed of appropriately.

7.3 Review

Revisions to this Plan may be required during the project to reflect changing circumstances or identified deficiencies. Revisions may result from:

- Annual review;
- Management Review;
- Audit (either internal or by external parties);
- Complaints or non-conformance reports; or
- Changes to the Company's standard system.

Revisions shall be reviewed and approved prior to issue. Updates to the EMP are numbered consecutively and issued to holders of controlled copies.

7.4 Communication

All external communication with stakeholders including the public and government agencies must be completed by the Manager Environment, Social and Sustainability or delegate.

Regular updates on project progression will be provided with adjacent landholders. Site visits will be offered on an annual basis pending satisfaction of visitor safety and site induction requirements.

Quarterly updates will be provided to Cobar Shire Council or on request.

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Mallee Bull Exploration Project Environment and Community BBRA

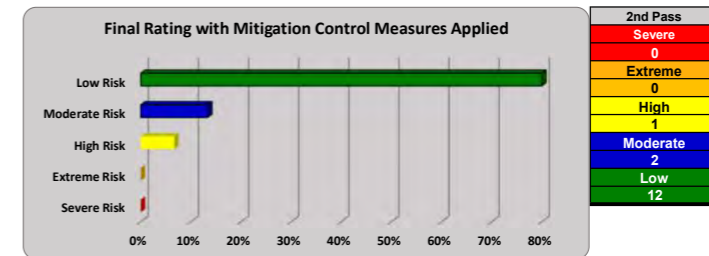
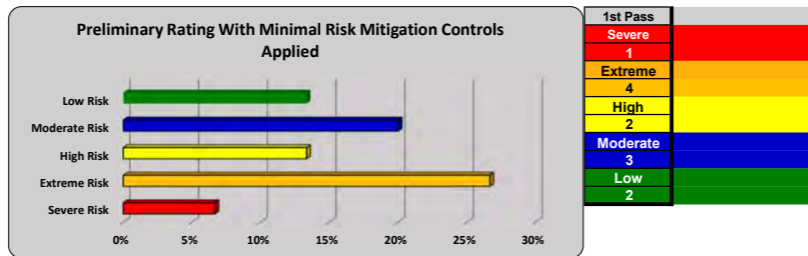
Environment and Community Risk Register - Mallee Bull Exploration Project							Controlled Scenario					
ITEM No.	RISK Item	DETAILS OF RISK	COMMENTS	L'Hood	Conseq	Preliminary Risk Rating	RISK MITIGATION STRATEGY (Series of Control Measures Established to Reduce Risk)	L'Hood	Conseq	Final Risk Rating	PEX Mngmnt Plan Document Reference	PEX Mngmt Rating
1	Air quality impacts outside REF footprint.	Potential risk of increasing particulate matter in the atmosphere surrounding the REF footprint from exploration activities including but not limited to: Site establishment (building foundation preparation, road access establishment) Equipment delivery HV and LV movements Movement and storage of waste rock on the surface Transfer of waste rock to underground working at completion of exploration program Emissions from air ventilation facilities.	Total amount of material movement is small throughout the life of the exploration project at Mallee Bull - 360,000 over a 4 year period. Small surface footprint of disturbance - approximately 27 ha. No transport of ore off site for bulk sampling.	C	2	8	Air Quality assessment conducted by TAS in the Mallee Bull REF this including particulate dispersion modelling. The closest no n project related residence is 11 km from the REF see ("Mount View"). TAS concluded that the predicted incremental results show that minimal incremental effect are likely to occur at the sensitive receiver locations. Operational controls to be implemented include: Air Quality Management Plan Adjusting site activities in accordance with prevailing weather conditions as required. Visual monitoring of activities. Daily checks of weather forecasts and adjustments to activities to reduce potential air quality impacts as required. On site vehicles to be switched off when not in use. Surface disturbance to be maintained at a minimum. Road watering as required. Regular inspections and maintenance completed on haul roads. Weekly environmental inspections to verify compliance with the requirements of the Air Quality Management Plan.	C	1	4	Mallee Bull Environmental Management Plan	
2	Surface water impacts outside the REF footprint.	Potential risk for impacts on water quality or flows outside the REF footprint based on activities associated with Peel Mining Limited. Activities which may impact on water quality include: Operational of diesel or fuel equipment resulting in hydrocarbon spill; Hydrocarbon spillage from storage areas; Incident from transportation, storage or use of explosives leading to water contamination. Site establishment works resulting in increased sediment loads in runoff. Runoff of topsoil stockpile areas increasing sediment loads in runoff. Ongoing use of unsealed roads resulting in increased sediment loads in runoff. Reduction in runoff from REF area impacting on surface water supplies for surrounding land users. Impacts on surrounding water quality as a result of failure of sewage management systems. Failure of infrastructure pumping underground or other groundwater impacting on surface water quality outside the REF footprint. Management of runoff from PAF and ROM Pad.	Surface disturbance footprint is small - 27 ha. Water management infrastructure to be developed and implemented prior to operations (i.e. sediment dams and diversion drains developed before any widespread surface disturbance works for site preparation).	A	2	16	Preventative maintenance on vehicles to prevent spills. Training for personnel regarding hydrocarbon management and emergency response for spills. Spill kits available for clean up. Hydrocarbons appropriately stored and managed in bunded areas according to relevant AS. Sediment and erosion control plan in place to manage sedimentation from open surfaces including sediment ponds and diversion drains. Water management structures designed to comply with Managing Urban Stormwater - Volume 2E. Seeding of topsoil stockpiles for stabilisation and ongoing monitoring of vegetation establishment and growth. Road design include appropriate management of sedimentation from road use. Small footprint of disturbance is unlikely to have a significant impact on surface water flows for surrounding landowners. Daily checks of sewage management systems. Alarms for sewage management system to notify of any system errors which may result in water overflow. Regular inspections and maintenance of groundwater management infrastructure. Water management infrastructure to manage runoff from PAF and ROM stockpile areas. PAF rock stored temporarily on the surface before being relocated back underground to backfill the exploration decline within a relatively short period. Potentially contaminated water will be stored in purpose build water management structures which are lined (runoff from PAF and ROM pads).	D	2	5	Mallee Bull Environmental Management PlanTBA	
3	Impacts on surrounding groundwater users (quantity and quality)	Potential risk for impacts on groundwater supply or quality on surrounding land users from Peel Mining activities e.g. groundwater egress into exploration working areas; groundwater contaminated with muds and hydrocarbons from exploration working areas entering into surrounding groundwater systems through fractures and faults and interconnected groundwater sources. Groundwater extraction for use or ingress into exploration working areas reducing the standing water level of surrounding groundwater users. Groundwater extraction for use or ingress into exploration working areas reducing the yield of surrounding groundwater bores used for agricultural or domestic purposes.	Groundwater assessment conducted for the REF by GHD. Inflows to the exploration works have been predicted to be 183 ML/year at the lowest depth of the decline.	C	2	8	GHD studies to date have indicated that the Mallee Bull project fractured rock aquifer source falls within the "Level 1, Minimal Impact Considerations" for "Less Productive, Porous and Fractured Rock Water Sources" under the NSW Aquifer Interference Policy (AIP). The predicted radius of groundwater drawdown influence is expected to be 0.9 - 2.9 km. The closest registered stock and domestic groundwater bore is approximately 4.9 km from the REF area. If there are impacts on surrounding groundwater bore users mitigation will be offered in the form of installation of deep bore and provision to supply an alternative water source. No known GDE's are identified within 20 km of the REF area. During the installation of the groundwater monitoring bores water was not intercepted until depths greater than 50 m, which is beyond the reasonable limit of free rooting depths. Groundwater monitoring for quality and depth will continue prior to and post REF activities. Movement of water (including groundwater) will be metered and reported on. Engage with surrounding land holders (particular owner of GW017889) to obtain more information on usage and discuss options to use this bore	D	2	5	Groundwater Monitoring Procedure Mallee Bull Environmental Management Plan	
4	Soil and Land capability impacts.	Potential risk on soil health and land capability outside REF area.	Small footprint of disturbance - 27 ha. Land classified in the REF as Capability Class 5.	D	1	2	Topsoil will be stripped from areas where surface distance is approved within the REF. Stockpiling will occur in manner which will maintain this resources properties. Topsoil stockpiles will be monitored to check for stability and weed management requirements. Record soil stockpiles, including soil types and volumes, on site maps to identify them so that they are protected from disturbance and documented when required for rehabilitation activities.	E	1	1	Mallee Bull Environmental Management Plan	
5	Noise and Vibration	Noise and vibration impacts on neighbouring landholders as a result of Peel Mining related activities including operation of machinery, generator sets, material movements, vehicle access in and out of site; site deliveries of equipment and supplies, blasting for development of decline, site establishment works.	A noise and vibration impact assessment was conducted as part of the Mallee Bull REF. Closest neighbour is approximately 11 km from the REF area ("Mount View").	C	1	4	Majority of activities will be conducted underground. Site establishment to occur in day time only hours. Small fleet with relatively small material movements. Generator sets will be silenced. Regular equipment maintenance on vehicles to reduce noise outputs.	E	1	1	Mallee Bull Environmental Management Plan	
6	Hazardous Substances and Chemicals	Pollution of surrounding land from inadequate management of hazardous materials including general waste.	All chemicals will be stored and managed in accordance with SDS and AS. Weekly inspections to be completed on chemical storage areas to ensure compliance. Appropriate spill kits available in accordance to SDS adjacent to chemical storage facility.	C	3	13	Weekly inspections to be completed on chemical storage areas to ensure compliance. Appropriate spill kits available in accordance to SDS adjacent to chemical storage facility. Site register for hazardous chemicals to be maintained including approval process. Spill response training completed in accordance with the site training matrix. Chemical management system to be developed to approve use of chemicals on site and check storage and management processes are in place in accordance with SDS.	D	3	9	Mallee Bull Environmental Management Plan	
7	Waste Management	Incorrect management of site generated wastes resulting in pollution of neighbouring properties.	Weekly inspections of waste management infrastructure will be conducted to prevent pollution of neighbouring properties from general or other waste.	C	3	13	All wastes will be stored with secured lids to prevent wind blown material entering neighbouring properties. Induction will reference requirements to check vehicles before driving to ensure there is no rubbish in the back of vehicles which could blow away. Wastes collected by suitably qualified contractor and managed in accordance with Local Government (Cobar Shire Council) requirements. Weekly inspections to collect waste management infrastructure is adequate and is being maintained appropriately. Resources available to encourage recycling. Induction to provide information on appropriate waste management processes.	D	2	5	Mallee Bull Environmental Management Plan	
8	Flora and Fauna	Impacts on Flora and Fauna greater than approved in the Mallee Bull REF.	REF identified areas of impact and biodiversity offsets retired to account for this.	A	3	20	Site induction reference approved areas of disturbance. Development and implementation of Environmental Impact Permits System and Register. Undertaken pre clearance surveys. Avoid clearing in Spring. Clearing procedure as part of the EIP procedure.	D	2	5	Mallee Bull Environmental Management Plan	
9	Bushfire Management	Peel Mining Activities causing bushfire impacting on surrounding landholders.	Activities are minimised during adverse weather conditions which are more conducive to high bushfire risk.	B	3	17	Drilling programs are required to cease during high and extreme fire danger ratings (BOM definitions). Fire danger ratings are checked each morning at pre start. A person is at Wilkerboon at all times for emergency response requirements of field staff as well as bushfire response/notification. Hot works (grinding) not permitted in high and extreme fire danger rating days. All LV's are diesel motors. Fire unit available for response at Wilkerboon. Basic fire response training with equipment at Wilkerboon includes as part of the Peel Mining TNA. Maintenance conducted on vehicles to reduce risk of ignition of vegetation by exhausts on mobile equipment. Permit smoking only within designated, cleared areas. Ensure appropriate fire extinguishers and other firefighting equipment is fitted on all Company vehicles to manage any fire-related incidents. Ensure all employees are aware of fire risk and mitigation, and Company representatives are trained in the proper use of firefighting equipment. Prepare an evacuation plan in the event of a bush fire.	D	3	9	Mallee Bull Environmental Management Plan Peel Mining Training Matrix	

Mallee Bull Exploration Project Environment and Community BBRA

Environment and Community Risk Register - Mallee Bull Exploration Project							Controlled Scenario					
ITEM No.	RISK Item	DETAILS OF RISK	COMMENTS	L'Hood	Conseq	Preliminary Risk Rating	RISK MITIGATION STRATEGY (Series of Control Measures Established to Reduce Risk)	L'Hood	Conseq	Final Risk Rating	PEX Mngmnt Plan Document Reference	PEX Mngmt Rating
10	Cultural Heritage	Peel Mining activities causing disturbance or damage to known or unknown cultural heritage sites.	Cultural heritage assessment conducted in study area for Mallee Bull REF. The report included recommendations for management of items that were found during the survey as well as proposed actions required in the event that further items were discovered during site establishment or operations.	A	3	20	Cultural heritage areas identified in the Mallee Bull REF are to be fenced off and clearly marked. The site induction is to reference these sites and clearly state how they are to be managed. AS05-AHIP required to enable salvage works to be conducted where site infrastructure is planned. Induction to reference procedure for response to finding cultural heritage items. Create an exclusion zone around the Heritage Zones to avoid indirect or inadvertent impact. Aboriginal sites outside the Heritage Zones would be avoided and fenced off. The sites would be re-identified with the assistance of a qualified archaeologist and the Aboriginal community. Aboriginal sites within 100m of proposed impacts would be fenced off using standard farm fencing with a buffer of 10m from the trunk of the Culturally Modified Trees and 5m from the boundaries of the Open Stone Artefact Sites. Locations of the cultural heritage sites would be provided to the relevant supervisors responsible for the construction and operation of the Project and be documented on project maps and documents such that it is clear where Aboriginal sites are located, and that they are to remain unharmed by work. Relevant supervisors would be informed that cultural heritage sites are protected under the National Parks and Wildlife Act 1974 and no harm is to come to them. If any objects of suspected Aboriginal heritage origin are encountered during the Project, work in the area of the find would cease and the unexpected finds protocol (Appendix B of Appendix 5) would be implemented. If suspected human remains are located during any stage of the Project, work must stop immediately, and the NSW police must be notified.	D	2	5	Mallee Bull Environmental Management Plan Site Induction	
11	Historic Heritage	Peel Mining activities causing disturbance or damage to known or unknown historic heritage sites.	REF indicated no register historic heritage site, however Peel Mining has records of known sites - e.g. shafts.	C	2	8	Identify and fence off heritage items in the field. Include signage to prevent entry. Include information in the induction regarding historic heritage sites being no access. Reference included in ENV-FRM-000-0002 EIP to check for known historic heritage site for any site disturbance work approval processes. GIS system has mapped locations for known sites. Additional ground truthing conducted in March 2023 to check site locations. Consultation with Office of Environment and Heritage of appropriate management requirements for newly discovered sites.	D	2	5	Mallee Bull Environmental Management Plan Site Induction	
12	Traffic Management	Peel mining activities impacting on roads increasing road maintenance requirements. Traffic accidents from personnel from Mallee Bull Project or transport deliveries related to the project.	Traffic Impact Assessment completed as part of the Mallee Bull REF.	A	4	23	Ensure Dangerous goods are transported in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail. Ensure that all loads are covered prior to leaving the REF Area. Widen the Site Access Road at its approach to Glenwood Road to reflect the swept paths of the heavy vehicles expected to use it. Flatten the existing dip at the edge of Glenwood Road at the Site Access Road to provide adequate ground clearance for vehicles, and to ensure the angle of articulation of articulated vehicles remains satisfactory. Construct the Site Access Road to a desirable standard of two 3.5m travel lanes with 1.0m wide shoulders, and the Light Vehicle Access Road to a desirable standard of two 3.0m wide travel lanes with 0.5m wide shoulders. Provide signage on Glenwood Road and Grain Road to alert drivers to the presence of the Site Access Road and Light Vehicle Access Road. Development and implementation of a Traffic Management Plan which references: •Compliance with access routes to site; •Compliance with road rules and relevant legislation governing transport; •Maintenance of safe following distances in various visibility conditions; •Driver behaviour expectations and school bus hour operating restrictions •Notification to local road users regarding wide load deliveries and potential delays to travel times.	D	4	14	Mallee Bull Environmental Management Plan Site Induction Malle Bull Traffic Management Plan	
13	Land Access	Unauthorised land access to neighbouring properties.		A	2	16	TMP to reference requirements for signage for site access. Signage at HV and LV access points to clearly indicate site access requirements. Induction to reference site access. Onboarding information to be issued prior to personnel coming to site regarding travel routes and appropriate site access. Company website to include page on progress at Mallee Bull and include contact numbers for community complaints and feedback.	D	2	5	Mallee Bull Environmental Management Plan Site Induction Malle Bull Traffic Management Plan	
14	Fugitive Lighting	Lightings from Mallee Bull site impacting on neighbouring landholders.	Closest neighbour is 11 km away at "Mount View" Natural topography provides a barrier.	D	2	5	Ensure lighting plants are directed to work areas and not towards where there are neighbouring landholders (managed through ENV-FRM-0001 EIP). Check options for low lumen lighting at night to reduce light spill or glow. Natural topography provides a barrier to fugitive lighting for surrounding landowners. Induction to reference requirements for placement of lighting plants and permanent light infrastructure. Company website to include page on progress at Mallee Bull and include contact numbers for community complaints and feedback.	D	2	5	Mallee Bull Environmental Management Plan Site Induction Malle Bull Traffic Management Plan	
15	Rehabilitation	Final rehabilitation resulting in unstable landforms resulting in land and water contamination.		A	3	20	ENV-FRM-0001- EIP to reference requirements for topsoil salvage and stockpiling. ENV-FRM-0002 Environmental Inspection check topsoil management. ENV-FRM-0001- EIP to reference requirements for vegetation habitat salvage for all site disturbance works. ENV-FRM-0002 Environmental Inspection habitat resources for final rehabilitation works. Waste rock relocated underground following completion of project. Forwards work program to be developed and submitted to the Resource Regulator in accordance with the requirements of conditions of EL7461.	D	2	5	Mallee Bull Environmental Management Plan	

ADD Additional Rows for each section from these greyed areas.

Maximum Score	0
Total Score	0
Final Safety Ranking:	



1 PURPOSE:

The purpose of this procedure is to outline the process, responsibilities and accountability for completing, processing, approving and closing out an Environmental Impact Permit (EIP).

The purpose of the EIP Process is to ensure that all work conducted on the site is in accordance with the;

- Site Environmental Management Plan; and
- Conditions of Approval for the Mallee Bull Exploration Review of Environmental Factors.

An Environmental Impact Permit (EIP) is required to be **approved prior** to any work involving;

- Disturbance of (previously undisturbed) land or land that has been rehabilitated;
- The clearing or removal of vegetation (including pasture, remnant native vegetation, re-growth vegetation, sown/planted vegetation);
- Work undertaken outside approved operational hours (Construction 7 am – 6 pm);
- New works or processes that increase the site water demand by more than 0.2ML/day or 5ML in total;
- Works that generate a new waste product;
- Establishment of new tracks or roads;
- Any work in sensitive areas including; within 20m of a creek or waterway, heritage areas (Figure 1 and Figure 2);
- Any entry into completed rehabilitation areas e.g topsoil stockpiles (Figure 3) or old drill pads;
- Works that change or modify site drainage;
- Any ground disturbance works that occur outside the sediment dam containment network (Figure 2)
- Blasting outside box cut boundaries;
- Activity that will alter current water or gaseous emission rates;
- Storage of hazardous chemicals or hydrocarbons (outside of formal workshops and formal storage areas);
- The establishment of temporary or permanent lighting;
- Establishment of temporary or permanent buildings or other structures;
- Work near or adjacent to old mining shafts;
- Establishment of noise generating infrastructure e.g. generators, crushers, pumps.

SCOPE:

This procedures is applicable to all activities relating to the Mallee Bull Project.

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Figure 1: Heritage Areas

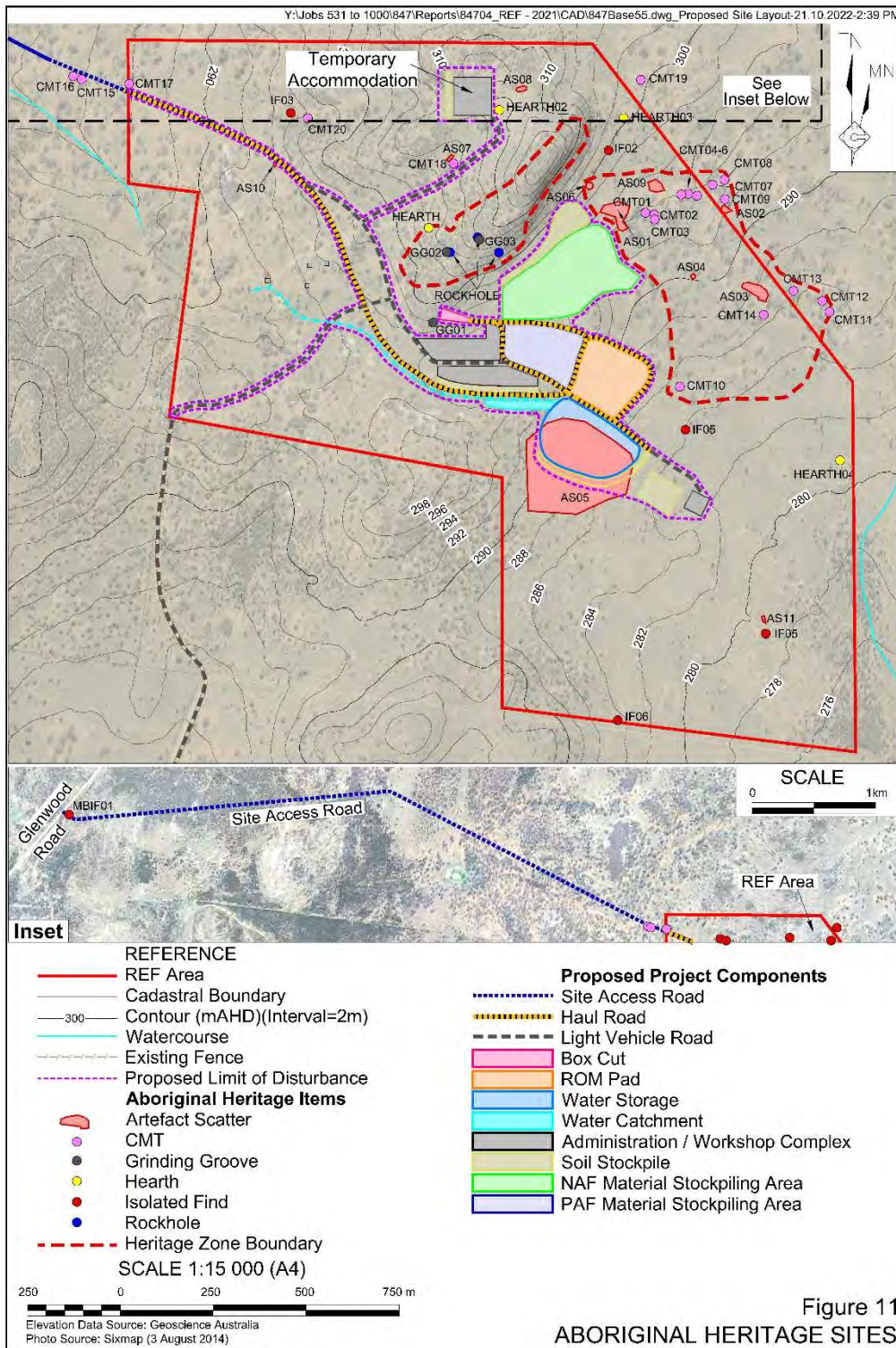


Figure 11
ABORIGINAL HERITAGE SITES

Figure 2: Topography and Drainage

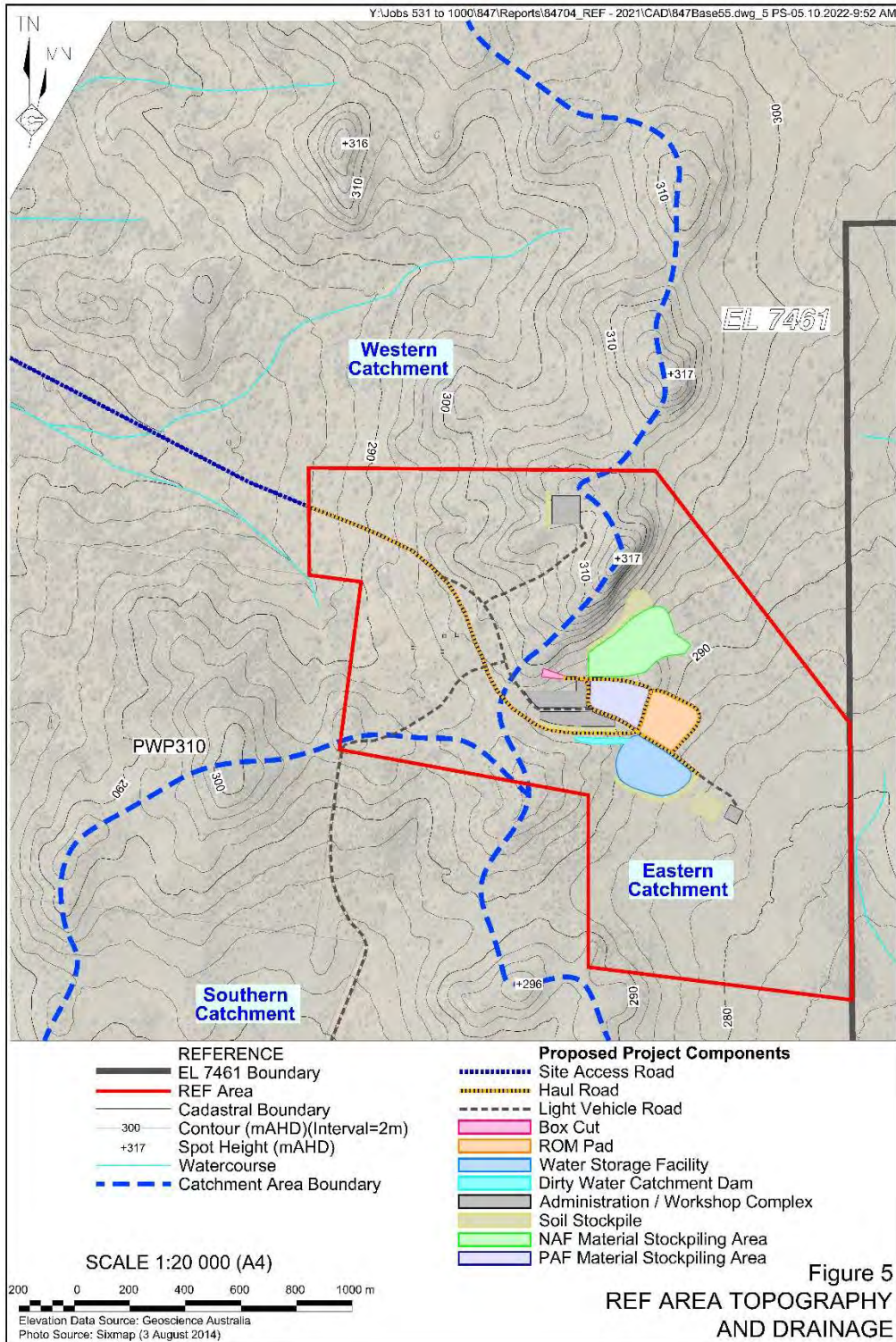
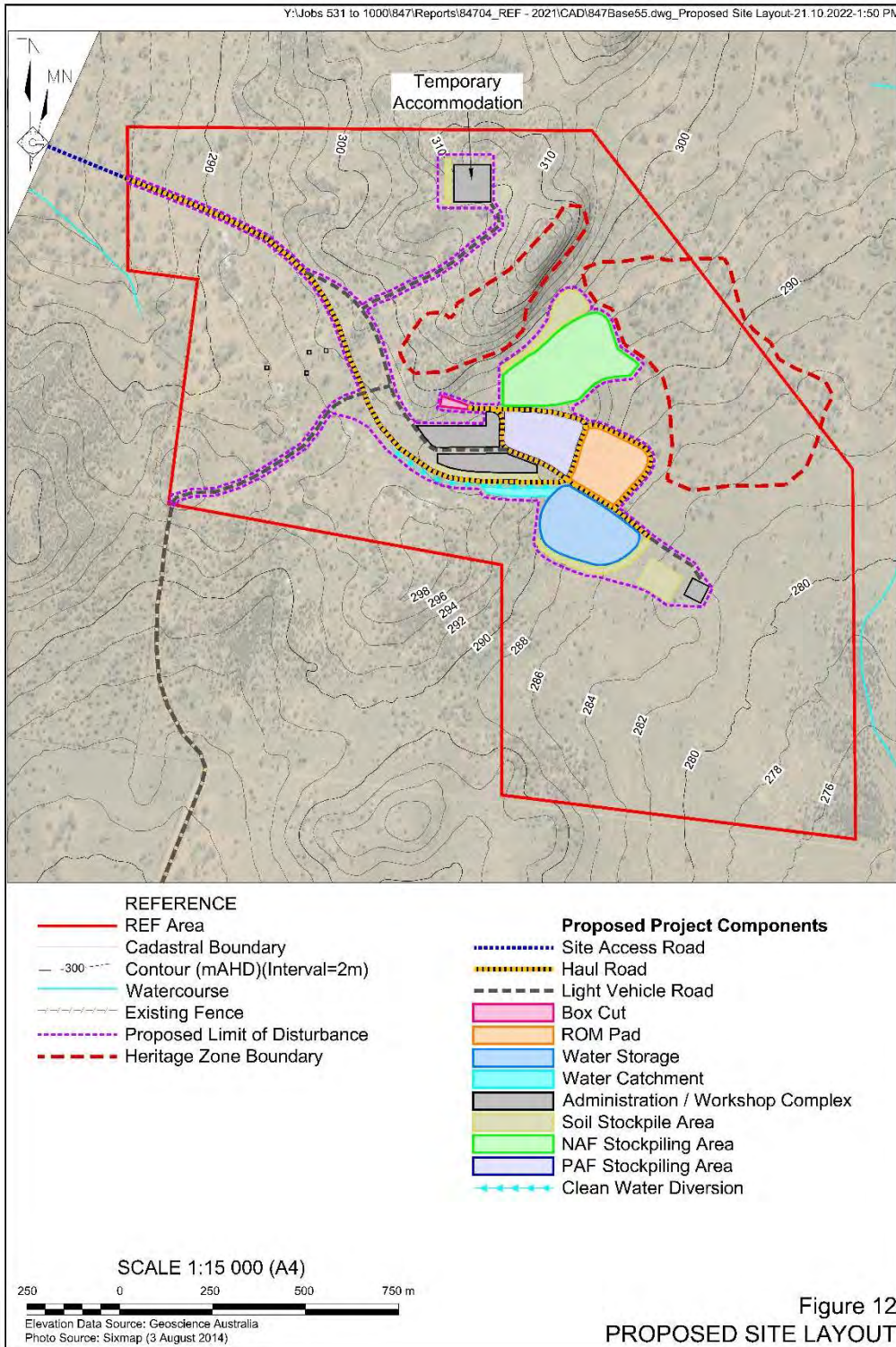


Figure 5
REF AREA TOPOGRAPHY
AND DRAINAGE

Figure 3: Proposed Mallee Bull Project Layout



2 PROCEDURE

The EIP procedure is summarised in

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Figure 4.

Table 1 provides some general guidance on risk controls for certain activities requiring an EIP. The person assessing the EIP should take these into consideration when reviewing the EIP application and determining appropriate controls to manage environmental compliance based on the application details.

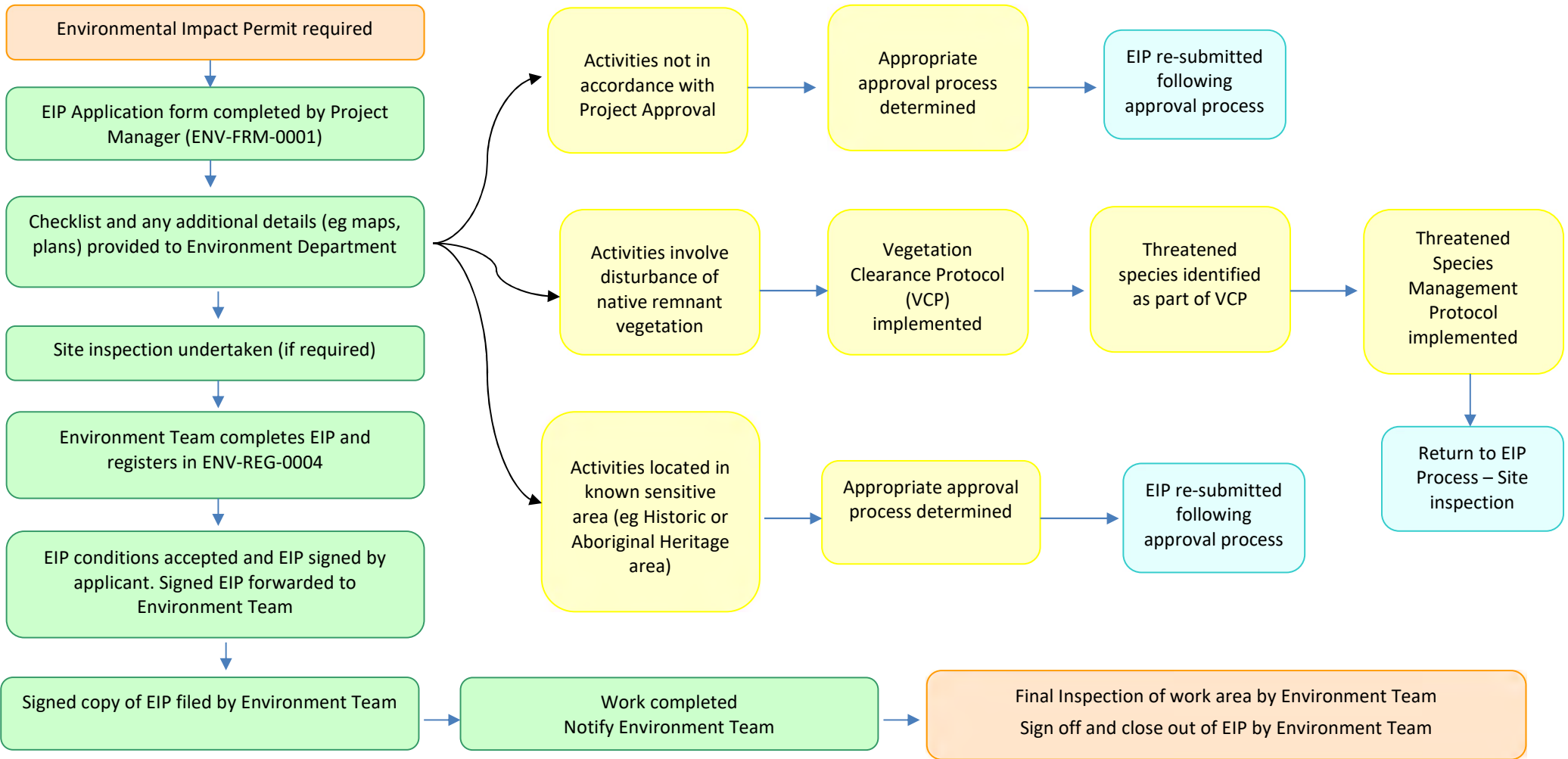
Table 1: Proposed Controls for EIP

Aspect	General Requirements
All Areas – All Activities	<p>All machinery to be operated and maintained in a proper and efficient manner.</p> <p>Activities occurring in or near the Project area must be carried out in a manner that will minimise the generation, or emission from the premises, of wind-blown or traffic generated dust.</p> <p>The premises must be maintained in a condition which minimises or prevents the emission of dust.</p> <p>Drainage control and catchment boundaries must strictly be maintained as per ENV-PRO-0001-Environmental Management Plan.</p> <p>All hydrocarbons/chemicals to be stored in accordance with the ENV-PRO-0001-Environmental Management Plan.</p> <p>No water is to be extracted from creeks, rivers, dams or bores (with the exception of the formal approved water supply network) .</p> <p>Water collected in drip-trays and or bunding of hydrocarbon / chemical storages is to be disposed in appropriate area.</p> <p>Diesel contaminated water to be disposed of in accordance with recommendations of Peel Mining Environment Department (to be determined on a case by case basis).</p> <p>All vehicles and/or machinery entering and leaving the site to be clean (eg. free of dirt, mud and vegetation).</p> <p>Fauna cannot be purposely or wilfully injured.</p> <p>All fauna injuries or deaths must be reported.</p>
	<p>All dust control equipment must be operable at all times with the exceptions of shutdowns required for maintenance.</p>
	<p>Any work near mine shafts is required to consider the potential presence of the Little Pied Bat. Management strategies are to be implemented to prevent harm to this species.</p>
Water – Uncontained catchment	<p>Maintain drainage according to ENV-PLN-0001 Environmental Management Plan.</p> <p>No water to be pumped out or released from the contained catchment.</p>
	<p>Earthworks are to be carried out such that clean water is diverted around the work area.</p> <p>Sediment control is to be installed in accordance with LANCOM blue book when earthworks are conducted on undisturbed land outside the contained catchments.</p> <p>No earthworks will be conducted in a watercourse where flow is present, outside of the contained catchments.</p>

<p>Land & Biodiversity – undisturbed or rehabilitated areas</p>	<p>Temporary access tracks are to be minimized.</p> <p>Where earthworks are carried out on undisturbed or rehabilitated land, topsoil is to be salvaged and establish separate topsoil and subsoil stockpiles, with maximum side slopes not exceeding 1:4 (V:H) and heights not exceeding 2m for topsoil and 4m for subsoil.</p> <p>When earthworks have been completed that involved the stockpiling of soil/topsoil, sub-soil is to be replaced first, followed by topsoil and seeding. Temporary access tracks are to be ripped (across the contour) and seeded once they are no longer required.</p> <p>Where there is a requirement to seed disturbed ground an appropriate seed mix will be supplied recommended by the Peel Mining Environment Department and an application rate will be specified at time of approval. Permitted work area will be marked with flagging tape during the EIP, work is only permitted in this identified area.</p> <p>Any mature vegetation must be inspected by an environment team representative or delegate, followed by the application of the vegetation clearance protocol and if required, the Threatened Species Protocol prior to felling (note this protocol is referenced in this document).</p> <p>Cleared native vegetation with habitat value must be placed in rehabilitation areas as directed by the Environment team.</p> <p>Only trees that are marked by the Peel Mining Environment Department can be felled.</p> <p>Where habitat trees are identified in an EIP, Peel Mining Environmental staff or delegate are to be present during felling of tree.</p> <p>Habitat trees to be removed in a staged process that allows animals to vacate.</p> <p>Seek opportunity to place nest boxes in remaining habitat trees.</p> <p>Avoid where practicable clearing in Spring.</p>
<p>Community</p>	<p>Minimise traffic noise when travelling to and from the project site.</p> <p>Minimise traffic on public roads .</p> <p>Minimise heavy vehicle movements to and from site between 6pm and 7am Peel Mining Environment Department to be notified prior to any new work commencing outside the mining lease area (to notify other land users).</p>
<p>Resource Use</p>	<p>No waste can be removed from site unless by the CVO licensed waste contractor.</p> <p>No waste materials are permitted to be removed from site for private use, No waste to be brought onto site.</p> <p>Waste to be segregated and disposed using the appropriate bins or area of the waste storage facility.</p> <p>When water is used for dust suppression, minimise quantity used.</p> <p>When fill is required, only benign non-acid forming (blue) waste to be used.</p>

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Figure 4: EIP Procedure Flowchart



2.1 Applying for an EIP

It is the responsibility of the person who is managing the project work to apply for an EIP.

There must be allowance of sufficient time for the application, assessment and approval process to be completed prior to the commencement of works, nominally 10 business days should be allowed for the completion of a basic EIP.

If significant mature native vegetation is to be removed, additional time must be allowed for inspections, application of the Vegetation Clearance Protocol and the Threatened Species Protocol (if triggered); 8 weeks is suggested for the completion of this process.

Procedure:

1. The applicant applies for an EIP by completing the EIP Application form, ENV-FRM-0001 Environmental Impact Permit.
2. The application form is submitted (via email) to a member of the Environment Team. The application must include relevant maps or plans, clearly outlining the work area / proposed works must also be submitted at this time.
3. The Manager, Environment Social and Sustainability is responsible for the timely assessment and processing of the EIP.

2.2 Assessing the EIP

The Manager, Environment Social and Sustainability is responsible for the timely assessment and processing of the EIP.

Each EIP requires a thorough assessment to ensure that the proposed works are in accordance with Peel Mining’s various approvals and commitments.

Procedure:

1. The Responsible Officer Assesses the EIP (for compliance with the Peel Mining consents) as per Table 1.
2. The Responsible Officer Assesses the EIP based on any potential environment or community risks that may arise from undertaking the work (such as noise, dust emissions, erosion, fugitive lighting, impact on private property, land, water or groundwater contamination, resource use etc).
3. The Responsible Officer reviews general environmental controls as contained in Table 1.
4. If the EIP is able to be approved (ie consistent with all legal licences and permits), the Responsible Officer must apply conditions to the EIP to robustly manage and control all Environment and community risks that may arise from the project.

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Table 2 provides some items that can be checked when assessing the EIP.

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Table 2: Items to Check in the EIP

Initiating Trigger	What to check	Where to find	Further advice
Disturbance of (previously undisturbed) land or land that has been rehabilitated.	The site's disturbance footprint must be consistent with that proposed in the Mallee Bull Exploration REF. We, as a site, are not permitted to undertake any clearing or disturbance outside of the approved footprint.	Refer to Figure 3.	If there is any doubt as to whether the disturbance is within the approved footprint, consult the Manager, Environment Social and Sustainability.
The clearing or removal of vegetation (including pasture, remnant native vegetation, re-growth vegetation, sown/planted vegetation)	Any EIP's requesting approval to disturb outside the approved footprint must be rejected.		
Work completed outside the approved operational hours for construction works.	Works must be conducted in accordance with the Operating hours as stated in the Mallee Bull Exploration REF.	Refer to Table 17 in the Mallee Bull Exploration REF.	Consult the Manager, Environment Social and Sustainability.
New works or processes that increase the site water demand by more than 0.5ML/day or 5ML in total.	Increased water use may impact on site supply reliability, this needs to be considered as part of the site water balance.	Consult the Manager, Environment Social and Sustainability.	Consult the Manager, Environment Social and Sustainability.
Works that generate a new waste product	A new waste product may impact on site waste disposal costs and affect the total Waste Management Contract.	Check against site chemical register.	Consult the Manager, Environment Social and Sustainability.
Establishment of new tracks or roads	The site's disturbance footprint must be consistent with that proposed in the Mallee Bull Exploration REF. We, as a site, are not permitted to undertake any clearing or disturbance outside of the approved footprint.	Refer to Figure 3.	If there is any doubt as to whether the disturbance is within the approved footprint, consult the Manager, Environment Social and Sustainability.

Initiating Trigger	What to check	Where to find	Further advice
	Any EIP's requesting approval to disturb outside the approved footprint must be rejected.		
Any work in sensitive areas including; within 20m of a creek or waterway, Historical heritage areas (Figure 2) or Aboriginal Heritage areas (Figure 2)	Work in sensitive areas has the potential to impact on waterways (pollution / damage) or the direct damage of heritage relics and significant areas. Any approved works in these areas would generally be assessed and approved within the project description.	Refer to Figure 1 and Figure 2	Consult the Manager, Environment Social and Sustainability.
Any entry into completed rehabilitation areas.	Check rehabilitated areas with geologists (re old drill sites).	Figure 3.	Consult the Manager, Environment Social and Sustainability.
Works that change or modify site drainage.	Formal sediment dams on site are designed to contain a specified rainfall event for their specific catchment. Any changes in drainage patterns or modification of catchments has the potential to lead to the sediment dam being undersised and non-compliant. Drainage patterns for the contained area (Figure 3) must be maintained strictly in accordance with the approved Water Management Plan.	Check ENV-PLN-0001 – EMP.	Consult with the Senior Environment Advisor and if required the Environment Superintendent.
Any ground disturbance works that occur outside the sediment dam containment network (Figure 3)	Check Figure 3 and Mallee Bull Exploration REF.	Check ENV-PLN-0001 – EMP.	Consult the Manager, Environment Social and Sustainability.
Blasting outside pit boundaries	The Mallee Bull REF refers to blasting activities in Section 3.2.9.	The Mallee Bull REF refers to blasting activities in Section 3.2.9.	Consult the Manager, Environment Social and Sustainability.
Will the activity include an alteration to water or gaseous emissions operations?	Potential emissions should be assessed on a case by case basis. Imposed controls should be to monitor, avoid, contain, reduce or treat potential emissions.	Check ENV-PLN-0001 – EMP..	Consult the Manager, Environment Social and Sustainability.

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CONTROLLED DOCUMENT – ALTERATIONS MUST NOT BE MADE BY UNAUTHORISED PERSONNEL			

Initiating Trigger	What to check	Where to find	Further advice
Storage of hazardous chemicals or hydrocarbons (outside of formal workshops and formal storage areas).	Refer to ENV-PLN-0001 - EMP	Refer to ENV-PLN-0001 - EMP	Consult the Manager, Environment Social and Sustainability.
Works within close proximity to old mine shafts.	Check to ensure that there will be no physical impact to the old mine shaft which will result in an impact on the Little Pied Bat.	Seek GIS from database geologist regarding locations of known historical mining shafts.	If filling of the shaft is required for safety purposes – consideration is to be given to conducting bat surveys to ensure no species are present prior to commencing any works.

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2.3 Processing an EIP

Following the assessment of the EIP Application, the consideration of Environment and community risks and the development of controls, the EIP is processed via the development of an approved EIP and issued to the applicant and saved in the following folder (Q:\South Cobar Project (SCP)\SCP_Approvals\Review of Environmental Factors_REF\Mallee Bull\Post Approval Requirements\EIP) as well as recorded in the ENV-REG-0004.

2.4 Issuing/Closing out the EIP

A final copy of the signed EIP will be provided to the applicant for their records. This is to be available in the field for personnel to familiarise themselves with the conditions required to complete the work.

Once the applicant has completed the work they will advise the Environment Team for a final inspection to be completed. This will be documented in ENV-REG-0004 and if the works have been completed in accordance with the EIP the EIP can then be documented as being closed.

or specific roles/personnel that have key responsibilities for this procedure i.e., drilling supervisors, schedule coordinators. For example, a third-party contractor may run all the training programs relating to this procedure.

3 RESPONSIBILITIES

Project Manager – accountable for ensuring all works requiring an EIP have approval in accordance with this procedure.

Manager Environment, Social and Sustainability – accountable for reviewing EIP application and approving/rejecting as appropriate. Ensure to consider the environmental conditions of the project when approving and communicating clearly conditions of all EIP approvals. Conduct checks of completed works to ensure compliance and document evidence of the checks.

Database Geologist: Maintain site GIS records and check currency. Manage GIS data for all approved EIP's.

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Environmental Impact Application Form

Context

An Environmental Impact Permit (EIP) will be required prior to any work involving;

- Disturbance of (previously undisturbed) land or land that has been rehabilitated.
- The clearing or removal of vegetation (including pasture, remnant native vegetation, re-growth vegetation, sown/planted vegetation)
- Work completed outside of approved operating hours Monday to Sunday 7 am – 6 pm for Construction Works.
- New works or processes that increase the site water demand by more than 0.25ML/day or 5ML in total.
- Works that generate a new waste product.
- Establishment of new tracks or roads.
- Any work in sensitive areas including; within 20m of a creek or waterway, Historical heritage areas (Figure 2 in ENV-PRO-0001) or Aboriginal Heritage areas (Figure 2 in Figure 2 in ENV-PRO-0001)
- Any entry into completed rehabilitation areas.
- Works that change or modify site drainage.
- Any ground disturbance works that occur outside the sediment dam containment network (Figure 1 in ENV-PRO-0001)
- Blasting outside box cut or decline areas.
- Activity that will alter current water or gaseous emission rates
- Storage of hazardous chemicals or hydrocarbons (outside of formal workshops and formal storage areas).
- The establishment of temporary or permanent lighting in the vicinity of the South Waste Rock Dump or Tailings Storage Facilities.
- Establishment of temporary or permanent buildings.
- Work near or adjacent to old mining shafts;
- Establishment of noise generating infrastructure – e.g. generators, crushers, pumps).

Purpose

The information provided on this form allows the Environment Department to assess the potential environment and community risks and detail the minimum environmental requirements of each particular project on a case by case basis. An approved EIP will be issued to the applicants Manager before the commencement of work. It is the responsibility of the Manager to obtain the EIP prior to works and to follow the conditions outlined in the EIP.

The EIP process is described further in ENV-PRO-0001- EIP Procedure.

Project name/ description			
Company			
Project Manager		Phone	
Date		Email	
Estimated start		Estimated finish	
Location of Project (describe)			

Project Justification:	
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Project Description:	
---------------------------------	--

Number of trees to be removed:	
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Number of plans, maps attached:	
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Environment and Community Risk Assessment.

Please tick whether the following risks apply to your project. If required please include further comments regarding risk controls or the consequence or likelihood of the risk.

Risk	Applicable	Comment
	Yes	
Noise emissions		
Dust emissions		
Removal of trees or shrubs		
Removal of grasses		
Land or soil disturbance		
Working within 20m of a creek or drainage channel		
Working in or near a heritage area		
Storage of chemicals		
Storage of Hydrocarbons		
Remote servicing of equipment (outside designated workshops)		
Altering surface drainage patterns (where water will flow)		
Drilling (all types)		
Entering rehabilitated areas		

Risk	Applicable Yes	Comment
Surface blasting		
Water use >5ML or 0.25ML/day		
Generating a new waste product		
Establishing new tracks or roads		
Establishing new building		
Working at night, in remote areas		
Use of remote lighting / lighting plants		
Release of gas or odour		
Entering farming areas		
Soil / land contamination		
Water / groundwater contamination		
New equipment coming to site		
Work near or adjacent to historic mine shafts		
Other community Risks (please specify)		
Other Environment Risks (please specify)		

For more information contact: jane.yelland@peelmining.com.au
0434 07 267



COMPANY VISION STATEMENT

IDENTITY

The Company is a minerals explorer focused on locating and developing large-scale and high-grade base and precious metal deposits in the Cobar Basin in Western New South Wales.

OUR VISION

To be valued by our employees, our shareholders, and the community as a leading Australian base and precious metals' exploration and mining company.

To deliver wealth to our Shareholders through safe, efficient and successful exploration, project development and mining operations, with a primary focus on delivering on our goals.

Rob Tyson
Managing Director

COMMIT TO OUR CORE VALUES:

Sustainability:

Undertaking our activities to create a better future for all stakeholders, minimise and offset environmental impacts.

Safety:

Undertaking all activities in a safe and responsible manner

Respect: Accepting others for who they are and considering their opinions and rights. We value everyone equally and treat people with dignity and professionalism.

Teamwork:

We collaborate and work together as a team to get the best outcomes.

Integrity and Accountability:

Acting honestly and reliably in all actions and dealings, we are responsible for our actions and our words.

Excellence and Perseverance:

Striving to be the best that we can be and persisting when faced with Challenges.

Approval Date: 18 November 2020

Issue Number: 2

Scheduled Review Date: Nov 2022

Approval Manager: Steve Leggett



HEALTH AND SAFETY POLICY

Peel Mining recognises that the health, safety and wellbeing of its employees, contractors, consultants and visitors is essential for its success and supports a culture that drives and sustains a commitment to zero harm.

Peel Mining will develop, implement and maintain a system of Health and Safety management processes to keep our employees, contractors and visitors safe. Every individual in the organisation shares a responsibility for safety.

In seeking to achieve this we:

- Recognise our corporate and personal Duty of Care to provide a safe workplace and will develop, implement and maintain processes that foster safe work practices;
- Will treat others with dignity and respect during discussions on health and safety to recognise and control hazards;
- We will meet or exceed applicable health and safety legislation and attendant regulations and where legislated, or reasonably practicable, applicable Australian standards and codes of practice through appropriate training and processes;
- Will report and investigate incidents/accidents to ensure development of corrective actions and continuous improvement;
- Will systematically review safety management and risk management practices.

Rob Tyson
Managing Director

Approval Date: 10 August 2018

Policy Manager: Digirock Pty Ltd

Issue Number: 1

Scheduled Review Date: 10 August 2023

Approval Manager: Steve Leggett



ENVIRONMENT POLICY

Peel Mining is committed to excellence in the management of the environment.

Through effective management practises, Peel Mining aims to minimise any adverse impacts its activities may have on the environment.

Peel Mining recognises that strong environmental performance is essential to our business success, and our positive contribution to the community.

In seeking to achieve this we will:

- Follow the regulatory requirements;
- Implement and maintain an effective exploration environmental management system;
- Use appropriate management and technical processes to minimise any impacts on the environment in which we work;
- Report all environmental incidents as per company and statutory requirements;
- Monitor environmental performance and, wherever technically and financially practicable, continually seek to improve such performance; and
- Liaise with the community on major environmental aspects of any future project that has the potential to affect the environment.

Rob Tyson
Managing Director

Approval Date: 10 August 2018

Policy Manager: Digirock Pty Ltd

Issue Number: 1

Scheduled Review Date: 10 August 2023

Approval Manager: Steve Leggett



CULTURAL POLICY

Peel Mining is committed to respecting both indigenous and non-indigenous cultural values.

Peel Mining believes that maintaining cultural understanding and mutual respect is key to maintaining healthy relationships both within and external to the company.

Peel Mining will maintain a system for cultural heritage management in order to preserve cultural values.

In seeking to achieve this we will:

- Be guided by our company values to act with integrity at all times regarding our duty to provide a safe and fair work place;
- Treat others with dignity and respect during discussions on cultural heritage or cultural values;
- Recognise that people come from a diverse range of backgrounds and all have an equal right to participate in our company culture and to enrich our working environment;
- Seek to deliver the highest standards of protecting cultural heritage and values

Rob Tyson
Managing Director

Approval Date: 10 August 2018

Policy Manager: Digirock Pty Ltd

Issue Number: 1

Scheduled Review Date: 10 August 2023

Approval Manager: Steve Leggett



SMOKING POLICY

Peel Mining is committed to the health of its employees.

Peel Mining believes that smoking and/or vaping is harmful to a person's health and will maintain a system to help minimise the impact of smoking/vaping on its premises.

In seeking to achieve this we will:

- be guided by all relevant legislation, including anti-discrimination and relevant occupational health and safety laws;
- We will treat others fairly and with respect during discussions on smoking;
- We will ban smoking and vaping in all company vehicles, covered areas, and where required by legislation.
- Designated smoking areas will be provided for staff to utilise.

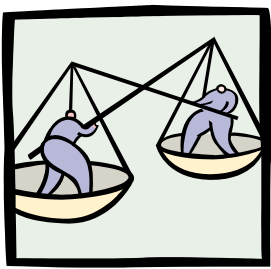
Rob Tyson
Managing Director

Approval Date: 09 Oct 2018

Issue Number: 2

Scheduled Review Date: 09 Oct 2023

Approval Manager: Steve Leggett



EQUAL OPPORTUNITY POLICY

Peel Mining is committed to providing equal opportunity in its workplace.

Peel Mining aims to create a positive and rewarding working environment that fosters non-discrimination.

Peel Mining recognizes that fairness and equal opportunity is essential to facilitate staff attraction, retention and diversity of thinking in the workplace.

In seeking to achieve this we will:

- Follow the regulatory requirements, in particular those relating to equal opportunity and anti-discrimination;
- Liaise with staff and experts as necessary to build and maintain a healthy company culture, free from discrimination;
- Use appropriate management and technical processes to maintain an equal opportunity work environment;
- Monitor work place performance to ensure we maintain our high standards.

Rob Tyson
Managing Director

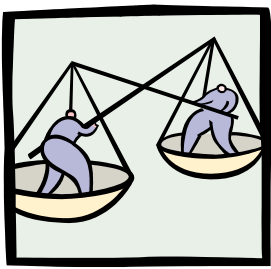
Approval Date: 10 August 2018

Policy Manager: Digirock Pty Ltd

Issue Number: 1

Scheduled Review Date: 10 August 2023

Approval Manager: Steve Leggett



HARASSMENT and BULLYING POLICY

Peel Mining is committed to ensuring that its employees and subcontractors are fairly treated, regardless of sexual orientation. Peel realises that some actions, materials & behaviour may cause distress to others.

As an employee of Peel, you have an obligation to understand that this behaviour is unacceptable.

- Display of Pornographic Material, i.e. photos, pictures etc.
- Text messages containing pornographic content
- Unfair & derogatory treatment of others in relation to sexual orientation
- Offensive language of a sexual nature
- Uninvited or unwanted sexually offensive advances

In seeking to achieve this we will:

- Follow the regulatory requirements, in particular those relating to sexual harassment.
- Liaise with staff and experts as necessary to build and maintain a healthy company culture, free from discrimination.
- Use appropriate management and technical processes to maintain a work environment free from sexual discrimination and misconduct.
- Monitor work place performance to ensure we maintain our high standards.
- Encourage staff to report any inappropriate behaviour

Rob Tyson
Managing Director

Approval Date: 09 November 2021

Peel Mining Ltd

Issue Number: 1

Scheduled Review Date: October2025

Approval Manager: Steve Leggett



REMOTE WORK TRAVEL POLICY

OBJECTIVE

The purpose of this policy is to provide clarity over the Company travel support for site-based employees. This document does not form part of the employment contracts and may be changed from time to time in line with current best practice and statutory requirements. Any changes to this policy will be advised to staff in advance unless the change is required by law. This policy is designed to make the most efficient use of its resources in travel booking and travel hours and ensure a consistent and fair treatment to all travellers and administrative staff involved in the travel process.

SCOPE

This policy applies to all site-based employees or staff travelling to site, be that full time, permanent, contract (contractors) or casual.

Working in remote locations requires travel support from the company. It is the company's responsibility to arrange the flight or charter flight where required for an employee to attend work in a remote location.

PROCEDURES

TRAVEL

Due to the remote nature of work locations required when working site-based roles, employees will require travel support from the company to get to their place of work. The Company will book, manage and pay for the costs of travel of its Employee's to and from site. Incidental travel expenditure will only be reimbursable under the below listed guidelines. Management and employees are at all times required to be prudent and responsible when using the Company's funds.

Travel to site is forms one of two categories, Fly-In Fly-Out or Drive-in Drive-Out.

A travel day is considered a work day and all employees are expected to perform their ordinary duties on a travel day, where time permits.

FLY IN FLY OUT (FIFO)

Commercial and Charter Flights

As a first preference, employees should take charter or commercial flights to and from site to minimise travel in light vehicles. All charter flights, commercial flights, and accommodation will be booked by the Company, unless otherwise agreed. You will be provided with a travel itinerary in relation to any commercial flights. The company will provide you with information regarding charter flights and accommodation.

Travelling to/from site

You will be advised by the Company when your rostered site swing will commence and finish prior to traveling to site. This may be altered at the request of the Company and with the employee's agreement. In situations where the circumstances do not allow for travel on a particular day, this may need to be



altered, however the Company will keep employee's informed with developments and will arrange for alternative travel arrangements for the Employee to travel to or leave from site. This will be as close to the agreed upon roster as reasonably possible.

If an employee needs to take a commercial flight as part of their travel to site, please be at the airport at least an hour before departure to allow for check in and security checks. Your rostered site swing commences when you arrive at the airport. In some instances where a Charter flight direct to/from site is not available you may be asked to drive to site from to a local regional airport. This constitutes part of your travel and the Company will arrange for a vehicle (either Company owned or hire) to enable this.

DRIVE IN DRIVE OUT (DIDO)

An employee travelling to and from site should, as a first preference, use commercial or charter airline travel in line with the Company's Fly In Fly Out policy. When an employee is unable to use air travel to get to and from site for their rostered site swing, they may be permitted, with authorisation from management, to drive to site using the employee's personal vehicle. This must be first approved by management. Reimbursement to the employee is as per the below travel expenditure guidelines.

Where an employee uses their personal vehicle, they MUST hold a valid licence, the vehicle MUST be registered, roadworthy and covered by third party property damage insurance at a minimum before it may be used to travel to and from site.

Once at site the employee must use Company vehicles for all work purposes.

TRAVEL EXPENDITURE

Incidental travel expenditure is reimbursable under the below guidelines. Reimbursement requires production of appropriate receipts along with a completed and signed Personal Expense Reimbursement Form.

Taxi/ Ride Sharing Fares

Taxi fares or ride sharing fares to and from the airport are not reimbursable by the Company. It is the responsibility of the employee to arrive and leave the airport at their own cost. If a Taxi or ride share is required between airports, or to accommodation as part of an overnight stay or to hire vehicle company premises, the Company will reimburse this expense.

Overnight stays

Where an employee is required to stay overnight away from their own home as part of travel to or from site, the Company will book suitable accommodation for the time which they are required to stay prior to completing their travel onto or home from site.

Meal expenses

Meal expenses will only be reimbursed where an employee must stay overnight as part of travel to or from site. Employees are reminded that only reasonable expenditure will be reimbursed.

Vehicle Hire Rate – DIDO Only

When an employee use's their personal vehicle for travel to and from site (Drive in Drive Out), the employee will be paid an allowance (\$150 per day). The allowance is to cover all vehicle hire costs (e.g. insurance, oil, repairs, tyres, maintenance). Use of personal vehicles should be recorded on the employee's timesheet and will be paid via the fortnightly payroll system. Petrol and tolls will be reimbursed via expense claim form on production of supporting invoices.



Petrol/Diesel – DIDO only

Petrol or Diesel can be reimbursed via expense claim form with supporting invoices. Please note that if your vehicle is a diesel engine you may fill up from the site bowser.

Other than the above mentioned, no other travel related expenditure is reimbursable without written confirmation from management.

TIMESHEETS

The Company will pay for FIFO employee's time for travel from the airport to site and from site to the airport. This applies to all employees. Those employees whose travel from and to the closest airport is more than 10 hours, please note that time will be capped at 10 hours (i.e. Western Australian employees), where an Overnights stay is not required.

The above policy also applies to DIDO employees who are driving to and from site. Those employees and contractors who travel more than 10 hours to and from site, travel will be capped at 10 hours.

It is the employee's responsibility to fill out their timesheet correctly in accordance with the terms of their employment and the policies of the Company.

RESPONSIBILITIES

- It is the responsibility of the Company to book and pay for employee travel arrangements.
- It is the responsibility of the Company to inform the employee of their travel arrangements and any reasonable additional information required.
- It is the responsibility of the employee to ensure they meet their travel arrangements.
- It is the responsibility of the employee to ensure they keep records of any claimable travel expenses.
- It is the responsibility of the employee to record their timesheets appropriately.
- The management team shall be responsible for authorising all timesheets and travel related expenditure.

Implementation date: 4 January 2022

This policy has been reviewed and approved by,

Rob Tyson
Managing Director

&

Ryan Woodhouse
Company Secretary

ENV-FRM-0001 Environment Inspection Form

Inspection Date

Aspect	Compliance requirement	Compliant (Y/N)	Corrective action required	Hazard No.
Chemicals / hydrocarbons	Are chemicals/hydrocarbons approved for use on site and labelled correctly (ie in the manufacturers container with corresponding label)?			
	Are chemicals / hydrocarbons stored in a bunded area?			
	Will spurting be captured?			
	Is the bund a suitable size (see guideline at end of sheet)?			
	Is the bund sound - free from cracks?			
	Are bunds covered (to prevent rainwater filling the bund)?			
	Are bunds being maintained (removal of spilt product / rain water / silt / sediment)?			
	Are fill/decant areas contained within the / a bund?			
	Is there any staining indicating leaks or spills?			
	Are SDS's located near the storage area?			
	Is the SDS storage area easily identifiable ?			
	Do SDS's match the chemicals being stored?			
	Are SDS's less than 5 years old?			
Spill Kits/Response	Are spill kits available and readily accessible?			
	Do spill kits contain correct materials as per spill kit list?			
	Does the spill kit need restocking?			
	Is there rubbish in the spill kit bin?			
Waste Management	Are there any recyclable materials in the general waste bin (eg. Steel, copper, timber, paper, cardboard, 'So fresh' water bottles)?			
	Are the right bins in the right location. (suitable to the types of waste being generated, easily assessable by personnel)?			
	Do the bins require emptying?			
	Is there adequate infrastructure for the amounts of various wastes being generated?			
	Is signage (including education posters/materials, bin labelling and signage, contact details) adequate, up to date and in good condition and clearly visible?			
Air Quality	Is dust suppression equipment operational?			
	Is there evidence of dust liftoff from roads or stockpiles?			
	Is there evidence of dust emissions from vent rises?			
	Has the daily pre start included an assessment of the weather conditions and activities modified if required to reduce risk of dust lift off.			

ENV-FRM-0001 Environment Inspection Form

Inspection Date

Aspect	Compliance requirement	Compliant (Y/N)	Corrective action required	Hazard No.
	Is there evidence of pot holes or depressions in the access roads that may be conducive to dust lift off?			
	Is dust suppression equipment effective?			
Lighting	Is there light glow or spill at night likely to result in community complaints?			
	Do any lights face out towards the community to the south, south east or south west?			

ENV-FRM-0001 Environment Inspection Form

Inspection Date

Aspect	Compliance requirement	Compliant (Y/N)	Corrective action required	Hazard No.
Stored materials	Are items required for future use?			
	Are they stored correctly to avoid degradation? (eg, out of the weather, away from ultraviolet light etc)			
	Is the item catalogued ? Do the right people know what it is, where it is?			
	Does the item contain a liquid (oil or chemical) - is there a risk of a leak?			
	Is there area neat, tidy and well set out?			
	Is there rubbish, un-needed items, degrading items that should be disposed of.			
	Is a formalised inspection regime (PM in SAP) in place to ensure the area / equipment is maintained.			
Water Management	Is water draining in a clear direction to a containment pond?			
	Are drains blocked and require cleaning out.			
	Is there adequate freeboard in the water storage facilities?			
	Is runoff from NAF, PAF and ROM directed to sediment ponds?			
	Is there evidence of overflows from the sewage management system?			
	Is there evidence of leakages from the groundwater pumping system (pipes, pumps etc)?			
	Is there evidence of deterioration in the sediment pond lining?			
	Is there evidence of erosion from topsoil stockpiles?			
	Is runoff from topsoil stockpiles directed to sediment ponds?			
	Are drainage structures associated with road access working effectively and draining to sediment control structures?			
Does water pool in the area ?				
Noise	Does noise in the area seem to be excessive / indicate a fault such as a worn bearing, damaged exhaust etc ?			
Vegetation	Are weeds / unwanted vegetation growing in the area and causing a visibility, access or ignition hazard ?			
Heritage	Is the fencing secure to restrict access into heritage zones?			

ENV-FRM-0001 Environment Inspection Form

Inspection Date

Aspect	Compliance requirement	Compliant (Y/N)	Corrective action required	Hazard No.
Bushfire Management	Are daily checks being conducted on BOM Fire Rating and appropriate actions taken to scale back activities that increase bushfire risk? Is there adequate emergency response equipment available and in service to respond to a bushfire on site?			
Traffic Management				

Inspection Conducted by Area Inspected Date of Inspection	Instructions All Hazcards / corrective actions must be entered into CHES Provide a copy of the completed inspection sheet to your Manager. All areas should be inspected on a quarterly basis.
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Site bunding requirements	Bulk Storage (large tanks / permanent facilities)	The bund must be capable of holding >110% of the total storage volume
	Packaged Storage (small portable tanks / drums, temporary storage)	The bund must be capable of holding: 25% of the total volume being stored or >110% of the largest container - (whichever is the greatest) Packages must be placed so that the bund can capture spurting, fallen drum etc