

**COMPLIANCE ASSESSMENT REPORT  
WEST MUSGRAVE COPPER AND NICKEL PROJECT  
MINISTERIAL STATEMENT 1188**

PREPARED FOR:

**OZ MINERALS MUSGRAVE OPERATIONS PTY  
LTD**

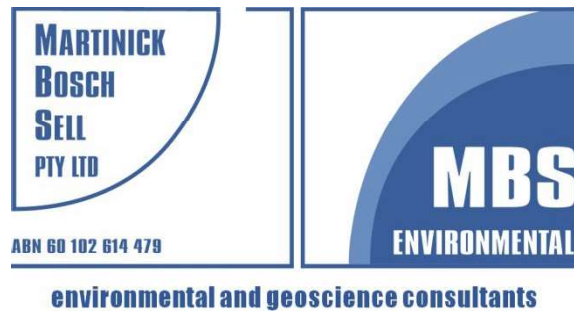


AUGUST 2023

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ENVIRONMENTAL



## WEST MUSGRAVE COPPER AND NICKEL PROJECT COMPLIANCE ASSESSMENT REPORT

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# 1. INTRODUCTION

The West Musgrave Copper and Nickel Project (WMP) is located in the West Musgrave Ranges of Western Australia. The WMP is located approximately 1,300 km northeast of Perth near to the border of South Australia and the Northern Territory. The WMP is within the Ngaanyatjarra Native Title determination, and Class A Reserve No. 17614 (for the Use and Benefit of Aboriginal Inhabitants). The nearest towns include the Indigenous Communities of Mantamaru (Jameson) 26 km north, Papulankutja (Blackstone) 50 km east, and Milyirtjarra (Warburton) 110 km west of the Project (Figure 1).

In summary, the approved WMP involves:

- Mining of two copper and nickel deposits via two open pits using conventional open pit mining methods.
- Placement of up to 1,465 Mt of waste rock into permanent waste rock dumps.
- Onsite processing to treat ore using recognised flotation technology to produce separate copper and nickel concentrate products and a tailings stream.
- Disposal of up to 315 Mt of tailings into a Tailings Storage Facility (TSF) and or Nebo pit void.
- Development of infrastructure to support the Project including processing facilities, borefield, temporary and permanent waste landforms, TSF and a combination of renewable power infrastructure (photovoltaic solar panels, wind turbines and battery storage) supported by backup fossil fuel power generation.
- Up to 60 MW (instantaneous load requirement) of fossil fuel electricity generation and unconstrained use of renewable power generation using photovoltaic solar electricity generation and wind electricity generation.
- Abstraction of up to 7.5 GLpa of groundwater from the Northern Borefield and through mine pit dewatering.

The conceptual site layout is shown in Figure 2.

Construction of the Project commenced on 11 November 2022 with initial works focused on development of onsite accommodation and associated facilities. Operations are planned to commence in 2025.

The WMP was formally assessed under Part IV of the Western Australian *Environmental Protection Act 1986*. On 20 April 2022, OZ Minerals received approval for the Project via issue of Ministerial Statement 1188 (MS1188) to develop the West Musgrave Copper and Nickel Project (the Project).

MS1188 requires submission of an annual compliance report to address the status and compliance of the WMP. Conditions 2-3, 3-3, 4-3 and 6-3 of MS1188 requires assessment of implementation of the following management plans:

- Cultural Heritage Management Plan (CHMP).
- Flora and Vegetation Management Plan (FVMP).
- Groundwater Monitoring and Management Plan (GMMP).
- Terrestrial Fauna Management Plan (TFMP).

This Compliance Assessment Report (CAR) satisfies the requirements of Condition 10-6 and assesses compliance with the implementation requirements of the above listed Management Plans.



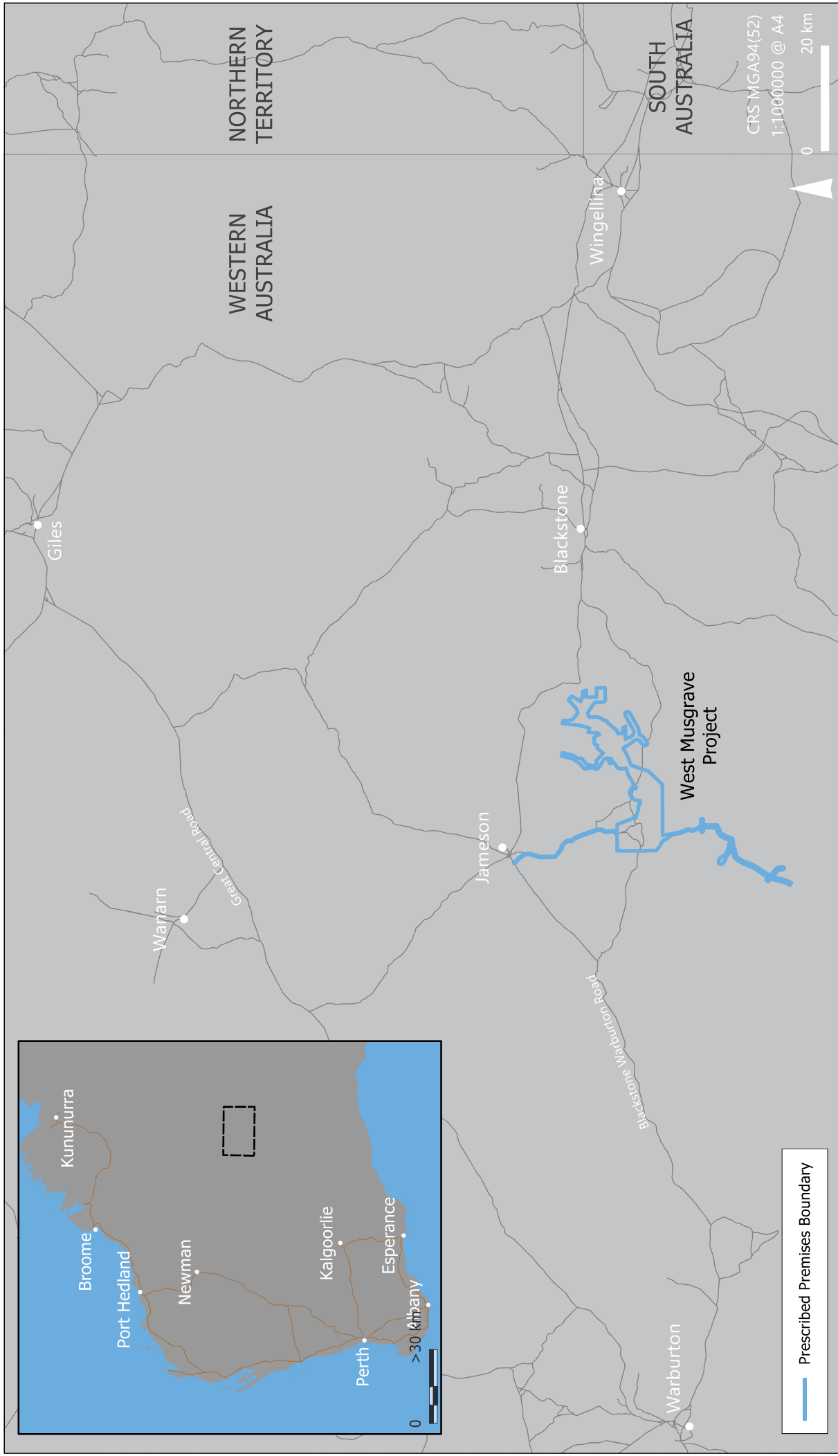


Figure 1: Location of the West Musgrave Project  
WEST MUSGRAVE COPPER AND NICKEL PROJECT



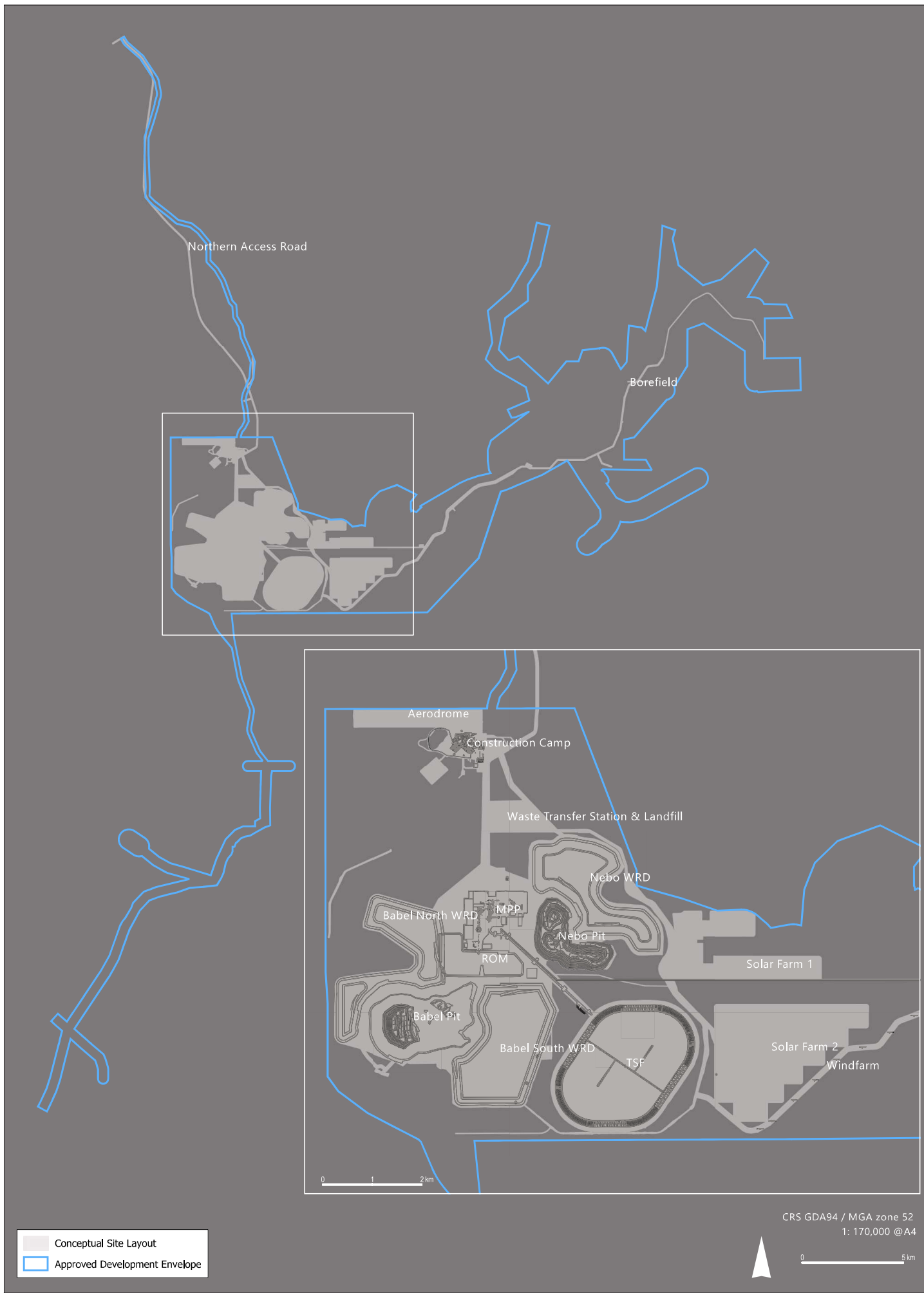


Figure 2: Conceptual Site Layout  
WEST MUSGRAVE COPPER AND NICKEL PROJECT

## 2. AUDIT PURPOSE AND METHODOLOGY

### 2.1 PURPOSE

This report addresses the status and compliance of the West Musgrave Cooper and Nickle Project (WMP) with the conditions outlined in Ministerial Statement 1188 and has been prepared in line with the EPA Services *Post Assessment Guideline for Preparing a Compliance Assessment Report* (August 2012).

Compliance reporting is required under Ministerial Statement 1188. As per requirements of Condition 10-1, a Compliance Assessment Plan (CAP) was submitted to the CEO of DWER on 19 October 2022 and was approved on 18 November 2022. The CAP provided the basis for this assessment.

This report represents the first Compliance Assessment Report (CAR) submitted for the WMP to satisfy Condition 10-6 of Ministerial Statement 1188.

This report covers the reporting period from 20 April 2022 to 20 March 2023.

### 2.2 METHODOLOGY

An internal audit was undertaken by Kristy Sell (Managing Director) and Kat Partridge (Environmental Scientist) of MBS Environmental to assess compliance with MS 1188 and the associated management plans. The objective of the assessment was to obtain evidence to verify the implementation of conditions and commitments required by MS 1188 over the 12-month period from the date of issue of MS 1188 on 20 April 2022 to 20 March 2023.

During the assessment, compliance with individual conditions of MS 1188 were assessed, as well as evidence of implementation of the approved management plans.

Key WMP personnel with responsibility for environmental compliance provided information as requested and saved all relevant documentation to a shared portal. Key personnel interviewed or that provided information included:

- Shoanne Labowitch — Manager Environment and Secondary Approvals (Construction)
- Elina Vuorenmaa — Approvals Lead WM Province.
- Dan Leinfelder — Manger Social Performance and Regulatory Advice.
- Eamon Pascoe — Graduate Environmental Advisor.

A number of WMP documents and records, as evidence of compliance with MS 1188 and the Management Plans, were sighted and discussed with employees. This information is documented in audit tables for MS1188 and each of the Management Plans.

Audit tables are supplied as follows:

- MS 1188 Audit Table (Appendix 1).
- Cultural Heritage Management Plan 2021 (Appendix 2).
- Flora Vegetation Management Plan 2021 (Appendix 3).
- Groundwater Management and Monitoring Plan 2021 (Appendix 4).
- Terrestrial Fauna Management Plan (Appendix 5).

Due to the remoteness of the Project, much of the compliance information has been reviewed remotely. Online databases and real time meeting tools have been used to facilitate discussions with key personnel and provide evidence.

As the WMP is in the early stages of construction, many procedures are newly developed or were in the process of being developed, refined and implemented during the reporting period and during the time of the assessment (i.e. 21 March – 30 June 2023) to assist with environmental management requirements. It is noted that procedures that had commenced development during the assessment period (up to 20 March 2023), but were in the process of implementation during the period in which the report was being prepared (up to 30 June 2023) were also considered given the early stage of the Project and the rapid changes in environmental and cultural heritage management in order to meet the wide range of regulatory and stakeholder requirements.

## **2.3 PREVIOUS COMPLIANCE AUDITS**

This report represents the first audit and CAR to be submitted for the Project.

### 3. IMPLEMENTATION STATUS

During the reporting period of 20 April 2022 to 20 March 2023, the Project commenced construction on 11 November 2022.

As of 20 March 2023, a total of 312.8 ha of clearing has been undertaken within the Development Envelope during the reporting period.

During the reporting period bulk earth works were undertaken, including clearing for infrastructure. Construction has focused on the construction camp and permanent accommodation village and associated wastewater treatment plants (WWTPs).

The permanent onsite accommodation village includes 400 permanent ensuite rooms designed to accommodate 100% of the permanent operational workforce and short-term contractors. The accommodation village contains a kitchen and mess, recreation facilities, laundries, ablutions block, potable water tanks, medical room, administration office and parking areas. The construction camp contains 600–1,000 ensuite rooms which accommodate personnel involved in the construction and early operational phase of the Project.

## 4. AUDIT FINDINGS

The audit assessed compliance over the 12-month reporting period. This report represents the first Compliance Assessment Report (CAR) submitted for the WMP to satisfy Condition 10-6 of Ministerial Statement 1188. OZ Minerals WMP was found to be largely compliant with the requirements of MS 1188 and is implementing the Project in accordance with the approved CHMP, FVMP, GMMP and TFMP. Details of the assessment outcomes are provided in the following sections.

### 4.1 MINISTERIAL STATEMENT 1188

Details of compliance with MS 1188 are provided in the Audit Table in Appendix 1.

Three non-compliances were recorded against Conditions 5-5, 5-8 and 6-4 of Ministerial Statement 1188. These are described below and are summarised in Table 1.

#### Non-Compliance with Condition 5-5

A non-compliance was recorded against Condition 5-5 of Ministerial Statement 1188, which requires submission and implementation of the revised Greenhouse Gas Management Plan two months after the issue of Ministerial Statement 1188.

Ministerial Statement 1188 was issued on 20 April 2022; however Revision 3 of the West Musgrave Copper and Nickel Project Greenhouse Gas Management Plan was submitted on 24 April 2023: four days after the required submission date of 20 April 2023. The submission was acknowledged as received by the EPA on 24 April 2023. It is noted that approval is yet to be issued by the EPA.

#### Non-Compliance with Condition 5-8

A non-compliance was recorded against Condition 5-8 of Ministerial Statement 1188, which requires publication on the OZ website of the annual greenhouse gas emissions report within two weeks of submission to the CEO. The report was submitted to the CEO within the required timeframe. It was not made publicly available in the required timeframe. This has since been rectified and the report is publicly available.

#### Non-Compliance with Condition 6-4:

A non-compliance was recorded against Condition 6-4 of Ministerial Statement 1188, which requires reporting of any deaths of culturally significant or conservation significant fauna to the Ngaanyatjarra Council.

Through consultation with Ngaanyatjarra People, several fauna species of cultural importance were identified, these included totem species representative of story lines or dreamtime stories or those used as food resources. These animals included bardi grubs (witchetty grub) which are generally associated with *Acacia kempeana*, Australian bustard (*Ardeotis australis*), goanna (all the *Varanus* genus), emus (*Dromaius novaehollandiae*) and macropods including the western grey kangaroo (*Macropus fuliginosus*), euro (*Osphranter robustus*) and red kangaroo (*Osphranter rufus*).

During the reporting period one fauna death to a culturally significant fauna species occurred. A goanna was hit by a vehicle on the haul road on 9 December 2022. The incident was reported and investigated internally; however it has not been reported to the Ngaanyatjarra Council as required.

### 4.2 MANAGEMENT PLANS

Conditions 2-3, 3-3, 4-3 and 6-3 of MS 1188 require implementation of the following management plans:

- Cultural Heritage Management Plan. Assessment outcomes are provided in Appendix 2.
- Flora and Vegetation Management Plan. Assessment outcomes are provided in Appendix 3.

- Groundwater Monitoring and Management Plan. Assessment outcomes are provided in Appendix 4.
- Terrestrial Fauna Management Plan. Assessment outcomes are provided in Appendix 5.

Non-compliance with requirements of the management plans are summarised in Table 1. It is noted that the non-compliances are administrative in nature and have not resulted in environmental harm outside of actions approved by MS1188.

**Table 1: Summary of Audit Non-Compliance Findings**

Reference	Condition	Non-compliant Finding
MS 1188 Condition 5-5	Revise the GGMP and implement the latest version two months from the issue of MS 1188 (20 April 2022).	Revision 3 of the West Musgrave Copper and Nickel Project Greenhouse Gas Management Plan was submitted on 24/04/2023 which was four days later than the required date (20/4/2023). The submission was acknowledged by the EPA on 24 April 2023. Approval is yet to be issued by the CEO.
MS 1188 Condition 5-8	The proponent shall make all greenhouse gas management plans and all reports required under this condition 5 publicly available on the proponent's website within the timeframes specified below for the life of the proposal, or in any other manner or time specified by the CEO: (2) the report referred to in condition 5-2 within two (2) weeks of the report being submitted to the CEO;	The report required by Condition 5-2 was provided to the EPA in the required timeframe. It was not made publicly available on the OZ website within the two week period specified by the condition. The report has since been made publicly available.
MS 1188 Condition 6-4	Report to the NGC any conservation significant fauna or culturally significant fauna deaths attributable to the implementation of the proposal.	A goanna was hit by a vehicle on the haul road on 9 December 2022. The incident was reported and investigated internally, however was not reported to the Ngaanyatjarra Council during the CAR period.
Terrestrial Fauna Management Plan Section 2.3.4	Reporting information on death of culturally significant fauna to the Ngaanyatjarra Council.	A goanna was hit by a vehicle on the haul road on 9 December 2022. The incident was reported and investigated internally, however was not reported to the Ngaanyatjarra Council during the CAR period.

## 4.3 EXTERNAL AUDITS

No external audits were completed by regulators or other parties during the current reporting period.

## 5. OBSERVATIONS

The following observations were made during the 2023 audit and provide context to the audit findings and relevance to assist in future environmental activities and audits at the WMP:

- Development and implementation of the environmental management system has been staged and is ongoing. It is noted that this is consistent with the timing of commencement construction in November 2022. The staged development has reflected prioritisation of requirements for construction activities.
- Regular communication meetings between OZ and NGC on environment and heritage matters have been implemented in 2023. This is assisting with understanding of planned activities and timely action to ensure both OZ and NGC requirements can be met.
- Implementation of a feral animal control program using a Company owned and operated by Traditional Owners is advancing. This has required significant input from OZ and the NGC to ensure commitments to use of local suppliers and business involvement by Traditional Owners are realised.
- The Cultural Heritage Management Plan requires revision to ensure it accurately reflects provisions of the Mining Agreement which was entered into by OZ and NGC after development of and approval of the CHMP by the CEO. The process being used for pre-clearance surveys is consistent with the Mining Agreement and is reported as meeting NGC requirements, however it is different to that stated within the CHMP.



## 6. STATEMENT OF COMPLIANCE

A Statement of Compliance is provided using the EPA Post Assessment Form 2 is provided in Appendix 6.

## APPENDICES

## **APPENDIX 1: COMPLIANCE AUDIT TABLE FOR MS 1188**

# AUDIT TABLE

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project



**Note:**

- This audit table is a summary and timetable of conditions and commitments applying to this project. Refer to the Minister's Statement for full detail/precise wording of individual elements.
- Code prefixes: M = Minister's condition.
- Phases that apply in this table = Pre-Construction, Construction, Operations, Decommissioning, Overall
- Abbreviations: CAP = Compliance Assessment Plan; CAR = Compliance Assessment Report; CEO = Chief Executive Officer of EPA; DWER = Department of Water and Environment Regulation; DECA = Department of Biodiversity, Conservation and Attractions; EPA = Environmental Protection Authority; Min for Env = Minister for the Environment; EPA = Environmental Protection Authority.
- Compliance Status: C = Compliant, CLD = Completed, NC = Non-Compliant, NR = Not Required at this stage. Please note the terms NA = Not Audited and VR = Verification Required are only for DWER use. IP = In Process may only be used by the proponent in circumstances outlined in Section 2.8 of the Post Assessment Guideline for Preparing an Audit Table.

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
1188:M1	Limitation and Extent of Proposal	<p>When implementing the proposal, the proponent shall ensure the proposal does not exceed the following extents:</p> <p>Physical Elements</p> <ul style="list-style-type: none"> <li>Mine and associated infrastructure - Development Envelope of 20,852 ha</li> <li>Clearing - No more than 3,830 ha of native vegetation within a development envelope (DE) of 20,852 ha</li> </ul> <p>Operational Elements</p> <ul style="list-style-type: none"> <li>Mining Voids - Nebo pit void to be backfilled above water table post-closure</li> <li>Mining Waste - Placement of up to 1,465 Mt of waste rock into permanent waste rock dumps</li> <li>Ore processing waste (tailings) - Disposal of up to 315 Mt of tailings into a tailings storage facility and/or Nebo pit void</li> <li>Power Supply - Up to 60 mega att (instantaneous load requirement) of fossil fuel electricity generation</li> <li>Water supply - Abstraction of up to 7.5 gigalitres per annum via borefield and dewatering</li> <li>Project Life- 26 Years</li> </ul>	The Proposal will not exceed the extents outlined in Condition 1 of the Ministerial Statement	<p>Annual survey data</p> <p>Annual throughout data (tailings, power generation, water abstraction)</p> <p>Annual clearing data</p>	Overall	Life of Project	C	<p>Clearing as of 31 March 2023 within the DE was 312.8 ha.</p> <p>All clearing within DE as per aerial imagery sighted 26/06/23.</p> <p>Project in construction phase. Operational elements not applicable for this reporting period.</p>

# AUDIT TABLE

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
1188:M2-1	<b>Cultural Heritage</b>	The proponent shall implement the proposal to meet the following environmental outcomes: (1) no direct disturbance of the ethnographic exclusion zones, data of which is held by the EPA and CEO; and (2) subject to reasonable health and safety requirements, no interruption of ongoing access to land utilised for traditional use or custom by the Ngaanyatjarra People.	Implement the Cultural Heritage Management Plan (CHMP)	Aerial photography showing maintenance of exclusion zones Access Plan agreement with Ngaanyatjarra People	Overall	Life of Project	C	Exclusion zones have not been disturbed. GIS data sighted 26/06/23. Access to cultural sites was preserved during the reporting period. Consultation remains ongoing with NGC in relation to access routes to cultural sites which may interact with mining operations. Final alignment of community access to such locations will undergo a safety in design assessment. Further detail will be provided in the next CAR.
1188:M2-2	<b>Cultural Heritage</b>	The proponent shall implement the proposal to meet the following environmental objectives: (1) avoid, where possible, and otherwise minimise indirect impacts to cultural heritage within and surrounding the development envelope; and (2) avoid, where practicable, and otherwise minimise direct disturbance to archaeological cultural heritage sites.	Implementation of the CHMP	Monitoring consistent with CHMP management targets and performance criteria Aerial photography showing absence of direct impact to archaeological cultural heritage sites	Overall	Life of Project	C	CHMP Rev 3 (October 2021) approved 20/04/2022. Refer to Appendix 2 of CAR 2023.
1188:M2-3	<b>Cultural Heritage</b>	The proponent shall implement the West Musgrave Copper and Nickel Project Cultural Heritage Management Plan (Revision 3, October 2021) with the objective of ensuring that the outcomes of condition 2-1(1) and 2-1(2) and the objectives of condition 2-2(1) and 2-2(2) are achieved.	Implementation of the CHMP	CHMP management targets and performance criteria complied with	Overall	Life of Project	C	Appendix 2 of CAR 2023.



# AUDIT TABLE

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
1188:M2-4	<b>Cultural Heritage</b>	The proponent may review and revise the West Musgrave Copper and Nickel Project Cultural Heritage Management Plan (Revision 3, October 2021) or any subsequent revisions in consultation with the NGC and as approved by the CEO.	Revise and review the CHMP in consultation with the NGC	CHMP to contain review history Evidence of correspondence with NGC	Overall	Life of Project	NR	No review required to date.
1188:M2-5	<b>Cultural Heritage</b>	The proponent shall review and revise the West Musgrave Copper and Nickel Project Cultural Heritage Management Plan (Revision 3, October 2021) as and when directed by the CEO by notice in writing, and in consultation with the NGC, as detailed in condition 2-4.	Review of the CHMP when required by the CEO	CHMP to contain review history	Overall	Life of Project	C	No direction for review received.
1188:M2-6	<b>Cultural Heritage</b>	The proponent shall continue to implement the approved Cultural Heritage Management Plan, or any subsequently approved revisions, until the CEO has confirmed by notice in writing that the proponent has demonstrated that the outcomes of condition 2-1 and the objectives of condition 2-2 are being and will continue to be met.	Implement the CHMP until the CEO has confirmed outcomes outlined in MS1188 have been achieved	Compliance Assessment Reports Confirmation in writing from the CEO	Overall	Life of Project	NR	
1188:M2-7	<b>Cultural Heritage</b>	In the event of failure to implement management actions detailed in the approved Cultural Heritage Management Plan, the proponent shall notify the CEO in writing within seven (7) days of the non-compliance being identified and shall immediately implement the contingency actions described in the plan.	Write to the CEO within seven days and implement contingency actions following non-compliance	Written evidence of notification to the CEO Records of contingency actions	Overall	Life of Project	C	See Appendix 2 of CAR.
1188:M3-1	<b>Flora and Vegetation</b>	The proponent shall implement the proposal to meet the following environmental outcomes: (1) direct disturbance to be confined to the development envelope identified in Figure 2, limited to 3,830 ha; (2) the loss of no more than (one) 1 population of the flora species <i>Aenictophyton anomalum</i> within the development envelope;	Implement FVMP	Annual survey data Annual flora take records Aerial photography showing maintenance of exclusion zones	Overall	Life of Project	C	FVMP Rev 1 (September 2021) approved 20/04/2022. See Appendix 3 of the CAR 2023. Clearing as of 31/03/2023 = 312.8 ha. No clearing of <i>Aenictophyton anomalum</i> occurred

**AUDIT TABLE**

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
		<p>(3) no direct disturbance in exclusion areas for <i>Aenictophyton anomalum</i> identified on Figure 3; and</p> <p>(4) the loss of no more than 10% of the known population of <i>Goodenia asteriscus</i> or <i>Amaranthus centralis</i>, or more than 5.2% of any other Priority flora species.</p>						during the reporting period. No clearing of Priority flora occurred during reporting period.
1188:M3-2	Flora and Vegetation	<p>The proponent shall implement the proposal to meet the following environmental objective:</p> <p>(1) avoid, where possible and otherwise minimise impacts to native flora and vegetation, including impacts from clearing, weeds, and fire.</p>	Implementation of the FVMP	Compliance with agreed management targets and monitoring requirements	Overall	Life of Project	C	See Appendix 3 of the CAR 2023.
1188:M3-3	Flora and Vegetation	The proponent shall implement the West Musgrave Copper and Nickel Project Flora and Vegetation Management Plan (Revision 1, September 2021), and subsequent approved revisions, with the objective of ensuring the environmental outcomes of condition 3-1 and the objective of condition 3-2 are achieved.	Implementation of the FVMP	FVMP management targets complied with	Overall	Life of Project	C	See Appendix 3 of the CAR 2023.
1188:M3-4	Flora and Vegetation	The proponent shall implement the latest revision of the Flora and Vegetation Management Plan which the CEO has confirmed by notice in writing, addresses the requirements of conditions 3-1 and 3-2.	Implement the latest FVMP addressing conditions 3-1 and 3-2 following confirmation by CEO	FVMP management targets complied with Written approval of FVMP by CEO	Overall	Life of Project	C	Approval of FVMP granted by EPA on 20/04/2022. See Appendix 3 of the CAR 2023.
1188:M3-5	Flora and Vegetation	<p>The proponent:</p> <p>(1) may review and revise the Flora and Vegetation Management Plan; or</p> <p>(2) shall review and revise the Flora and Vegetation Management Plan as and when directed by the CEO, including (if directed) in consultation with the NGC.</p>	Revise and review the FVMP when directed by the CEO	Written evidence of review requirement FVMP contains review history	Overall	Life of Project	C	No review required during reporting period.



# AUDIT TABLE

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
1188:M3-6	Flora and Vegetation	The proponent shall continue to implement the Flora and Vegetation Management Plan, or any subsequent revisions as confirmed by the CEO in condition 3-4, until the CEO has confirmed by notice in writing that the proponent has demonstrated that the environmental outcomes detailed in condition 3-1 have been met.	Implement the FVMP until the CEO has confirmed outcomes outlined in MS 1188 have been achieved	FVMP management targets complied with Confirmation in writing from the CEO	Overall	Life of Project	C	See Appendix 3 of the CAR 2023.
1188:M4-1	Inland Waters	The proponent shall implement the proposal to meet the following environmental outcomes: (1) ensure drawdown does not exceed (one) 1 metre at Linton Bore; and (2) no drawdown related adverse impacts to culturally important vegetation.	Implement the Groundwater Monitoring and Management Plan (GMMP)	Groundwater level monitoring data Visual assessment of culturally important vegetation	Overall	Life of Project	C	Project in construction phase. Limited groundwater abstraction occurred during reporting period. No abstraction occurred from the Northern Borefield.
1188:M4-2	Inland Waters	The proponent shall revise the West Musgrave Copper and Nickel Project Groundwater Monitoring and Management Plan (Revision 2, September 2021) to ensure it is consistent with achievement of the environmental outcomes in condition 4-1. The plan shall: (1) when implemented, substantiate, and demonstrate that condition 4-1 is being met; (2) specify trigger criteria that will trigger the implementation of management and/or contingency actions to ensure achievement of the environmental outcomes in condition 4-1; (3) specify threshold criteria to demonstrate compliance with condition 4-1; (4) specify monitoring methodology to determine if trigger criteria and threshold criteria have been met; (5) specify management and/or contingency actions to be implemented if the trigger criteria required by condition 4-2(2) and/or the threshold criteria required by condition 4-2(3) have not been met (including changes to operations, reduction in extraction and	Revise the GMMP to ensure consistency with environmental outcomes and inclusion of elements outlined in Condition 4-2	GMMP contains review history Written evidence of approval of revised GMMP by CEO	Overall	Life of Project	C	Written evidence of approval of revised GMMP by CEO dated 29/07/2022.





# AUDIT TABLE

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
1188:M4-3	<b>Inland Waters</b>	consideration of alternative sources (subject to regulatory approval); and (6) provide a format and timing for the reporting of monitoring results against trigger criteria and threshold criteria to demonstrate that condition 4-1 has been met over the reporting period in the Compliance Assessment Report required by condition 10-6. The proponent shall implement the latest revision of the Groundwater Monitoring and Management Plan which the CEO has confirmed by notice in writing, addresses the requirements of conditions 4-1 and 4-2.	Implement the latest GMMP addressing conditions 4-1 and 4-2 following confirmation by CEO	GMMP management outcomes complied with	Overall	Life of Project	C	See Appendix 4 of CAR.
1188:M4-4	<b>Inland Waters</b>	The proponent shall not undertake groundwater extraction activities for construction or operation of the proposal until the CEO has confirmed in writing that the revisions to the Groundwater Monitoring and Management Plan required under condition 4-2 meet the requirements of that condition.	Await confirmation from the CEO in writing of compliance of GMMP with condition 4-2 prior to undertaking groundwater extraction activities	Correspondence from the CEO of approval of revised GMMP Bore flow meter records	Construction and Operation	Prior to commencing groundwater extraction activities	CLD	GMMP approved 29/07/22. Project in construction phase (commenced October 2022). Limited groundwater abstraction occurred during reporting period.
1188:M4-5	<b>Inland Waters</b>	In the event that monitoring or investigations at any time indicate an exceedance of threshold criteria specified in the Groundwater Monitoring and Management Plan which is confirmed under condition 4-3, the proponent shall: (1) report the exceedance in writing to the CEO within seven (7) days of the exceedance being identified; (2) implement the contingency actions required by condition 4-2(5) within seven (7) days of the exceedance being reported as required by condition 4-5(1) and continue implementation of those actions until the CEO has confirmed by notice in writing that it has been demonstrated that the threshold criteria are being met and	Report and implement contingency actions following non-compliance	Written evidence of notification of the CEO Records of contingency actions Investigation Report Written evidence of provision of Investigation report to CEO Written notification from CEO that Threshold Criteria have been met &	Overall	Life of Project	NR	Project in construction phase. Limited groundwater abstraction occurred during reporting period. No exceedances of threshold criteria occurred during the reporting period.



# AUDIT TABLE

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
		<p>implementation of the threshold contingency actions are no longer required;</p> <p>(3) investigate to determine the cause of the threshold criteria being exceeded;</p> <p>(4) investigate to provide information for the CEO to determine potential environmental harm or alteration of the environment that occurred due to threshold criteria being exceeded; and</p> <p>(5) provide a report to the CEO within twenty-one (21) days of the exceedance being reported as required by condition 4-5(1). The report shall include:</p> <p>(a) details of threshold contingency actions implemented;</p> <p>(b) the effectiveness of the threshold contingency actions implemented against the threshold criteria;</p> <p>(c) the findings of the investigations required by conditions 4-5(3) and 4-5(4);</p> <p>(d) measures to prevent the threshold criteria being exceeded in the future;</p> <p>(e) measures to prevent, control or abate the environmental harm which may have occurred; and</p> <p>(f) justification of the threshold remaining, or being adjusted based on better understanding, demonstrating that objectives will continue to be met.</p>		ongoing contingency actions are not required				

# AUDIT TABLE

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
1188:M4-6	<b>Inland Waters</b>	The proponent: (1) may review and revise the Groundwater Monitoring and Management Plan; or (2) shall review and revise the Groundwater Monitoring and Management Plan as and when directed by the CEO, including (if directed) in consultation with the NGC.	Revise and review the GMMP when directed by the CEO	Written evidence of review requirement GMMP contains review history	Overall	Life of Project	NR	No review required during reporting period.
1188:M4-7	<b>Inland Waters</b>	The proponent shall continue to implement the Groundwater Monitoring and Management Plan, or any subsequent revisions as confirmed by the CEO in condition 4-3, until the CEO has confirmed by notice in writing that the proponent has demonstrated that the environmental outcomes detailed in condition 4-1 have been met.	Implement the GMMP until the CEO has confirmed outcomes outlined in MS 1188 have been achieved	GMMP management outcomes complied with Confirmation in writing from the CEO outcomes met	Overall	Until the CEO has confirmed in writing environmental outcomes have been achieved	C	See Appendix 4 of CAR.
1188:M5-1	<b>Greenhouse Gas Management</b>	The proponent shall take measures to ensure that net greenhouse gas (GHG) emissions do not exceed: (1) 915,000 t CO <sub>2</sub> -e for the period between project commencement and 30 June 2028; (2) 780,000 t CO <sub>2</sub> -e for the period between 1 July 2028 and 30 June 2033; (3) 378,000 t CO <sub>2</sub> -e for the period between 1 July 2033 and 30 June 2038; (4) zero (0) t CO <sub>2</sub> -e per annum for every 5 year period from 1 July 2038 onwards.	Implementation of the Greenhouse Gas Management Plan (GGMP)	Annual GHG monitoring data	Overall	Life of Project	C	Report lodged 9/03/2023 for reporting period. Letter sighted 10/03/23.
1188:M5-2	<b>Greenhouse Gas Management</b>	The proponent shall submit a report to the CEO each year by 31 March, commencing on the first 31 March after the date of this Statement specifying for the previous financial year: (1) the quantity of proposal GHG emissions and copper and nickel concentrates produced; and (2) the emissions intensity for the proposal.	Submit an annual report to the CEO specifying for the previous financial year the required information	Email or correspondence showing submission of report to the CEO	Overall	31 March each year following the 20 April 2022 for the life of the Project	C	Report submitted to CEO 9/03/2023. Letter sighted 10/03/23.



# AUDIT TABLE

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
1188:M5-3	<b>Greenhouse Gas Management</b>	<p>The proponent shall submit to the CEO by 31 March 2029, and every fifth 31 March thereafter a report specifying:</p> <p>(a) for each of the preceding five (5) financial years, the matters referred to in conditions 5-2(1) and (2);</p> <p>(b) for the period specified in conditions 5-1(1), (2), (3) or (4) that ended on 30 June of the year before the report is due:</p> <ul style="list-style-type: none"> <li>(i) the quantity of proposal GHG emissions;</li> <li>(ii) the net GHG emissions;</li> <li>(iii) the type, quantity, identification or serial number, and date of retirement or cancellation of any authorised offsets which have been retired or cancelled and which have been used to calculate the net GHG emissions referred to in condition 5-3(1)(b)(ii), including written evidence of such retirement or cancellation; and</li> <li>(iv) any measures that have been implemented to avoid or reduce proposal GHG emissions</li> </ul> <p>(2) an audit and peer review of the report required by condition 5-3(1), carried out by an independent person or independent persons with suitable technical experience dealing with the suitability of the methodology used to determine the matters set out in the report, whether the report is accurate and whether the report is supported by credible evidence. This report is to be made publicly available as required by condition 5-8.</p>	Submit report to the CEO by 31 March 2029 and every fifth 31 March thereafter	<p>Email or correspondence showing submission of reports to CEO</p> <p>Statement of qualifications of independent expert conducting peer review</p> <p>Statement from peer reviewer regarding the accuracy of report</p> <p>Availability of audit and peer review of report on OZ Minerals website</p>	Overall	Every fifth 31 March following and including 31 March 2029	NR	



# AUDIT TABLE

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
1188:M5-4	<b>Greenhouse Gas Management</b>	<p>A summary document comprising of a summary plan and progress statement outlining key information from the greenhouse gas management plan (and reports to that time) must be provided every five (5) years thereafter as per condition 5-3 and also if the greenhouse gas management plan is revised under condition 5-7. The summary, where feasible must include:</p> <ol style="list-style-type: none"> <li>(1) a graphical comparison of scope 1 emission reduction commitments in the greenhouse gas management plan with 'actual' emissions for compliance periods;</li> <li>(2) proposal performance against benchmarking for comparable facilities;</li> <li>(3) emissions intensity;</li> <li>(4) a summary of emission reduction measures undertaken by the proponent; and</li> <li>(5) a clear statement as to whether interim targets have been achieved.</li> </ol>	Produce a summary document comprising of a summary plan and progress statement outlining key information from the GGMP	Email or written notification of submission of Summary Document	Overall	Every five years or when GHGMP revised	NR	
1188:M5-5	<b>Greenhouse Gas Management</b>	<p>Within two (2) months of the date of this Statement, the proponent shall revise the West Musgrave Copper and Nickel Project Greenhouse Gas Management Plan (Revision 2, October 2021) to ensure it is consistent with the requirements of this condition 5, including achievement of the net GHG emissions limits in condition 5-1 (or achievement of emission reductions beyond those required by those emission limits). The proponent shall implement:</p> <ol style="list-style-type: none"> <li>(1) the latest version of the plan that the CEO has confirmed in writing meets the requirements of condition 5-7.</li> </ol>	Revise the GGMP and implement the latest version	Submission to the CEO of the revised GGMP  Written evidence of confirmation from the CEO	Overall	Two months from the issue of MS 1188 i.e. 20 June 2022	<b>NC</b>	<p>Technical non-compliance due to late submission of revised GHGMP.</p> <p>GHGMP Rev 3 (June 2022) submitted 24/06/2022. Submission acknowledged by EPA (email dated 24/06/22 3.24 pm), but no approval issued.</p>



# AUDIT TABLE

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
1188:M5-6	<b>Greenhouse Gas Management</b>	<p>The proponent:</p> <ol style="list-style-type: none"> <li>(1) may revise a greenhouse gas management plan at any time;</li> <li>(2) must revise the greenhouse gas management plan if there is a change to the proposal which means there is a material risk that condition 5-1 will not be achieved;</li> <li>(3) must revise the greenhouse gas management plan at least every five (5) years to align with the five (5) yearly reporting requirements specified in condition 5-3; and</li> <li>(4) must revise a greenhouse gas management plan if directed to by the CEO, within the time specified by the CEO.</li> </ol>	<p>At a minimum, five yearly revisions of the GGMP will occur. Revision of the GGMP in the instance changes to the proposal occur or when directed by the CEO</p>	<p>Evidence of five yearly revision of the GGMP</p> <p>Written notification to review from the CEO</p> <p>Revision history included within GGMP</p>	Overall	Life of Project	NR	No review required during reporting period.
1188:M5-7	<b>Greenhouse Gas Management</b>	<p>The proponent shall ensure any revised greenhouse gas management plan:</p> <ol style="list-style-type: none"> <li>(1) is consistent with the achievement of the emission limits in condition 5-1 (or achievement of emission reductions beyond those required by the emission limits);</li> <li>(2) specifies the estimated proposal GHG emissions, net GHG emissions and total GHG emissions intensity for the remainder of the life of the proposal;</li> <li>(3) includes comparison of each of the estimated emissions and emissions intensity figures referred to in condition 5-7(2) for the remainder of the life of the proposal against other comparable projects;</li> <li>(4) identifies and describes any measures that the proponent will implement to avoid, reduce and/or offset proposal GHG emissions, or reduce the total GHG emissions intensity of the proposal;</li> <li>(5) specifies interim and long-term targets for avoiding, reducing and/or offsetting proposal GHG emissions; and</li> </ol>	<p>Revised GGMPs will be consistent with the requirements outlined by MS 1188 Condition 5-7</p>	<p>Written approval of GHGMP revisions from CEO</p>	Overall	Life of Project	NR	No review required during the reporting period.



# AUDIT TABLE

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
1188:M5-8	<b>Greenhouse Gas Management</b>	<p>(6) provides for a program for the future review of the plan to:</p> <p>(a) assess the effectiveness of measures referred to in condition 5-7(4); and</p> <p>(b) identify and describe options for future measures that the proponent may or could implement to avoid, reduce and/or offset proposal GHG emissions or reduce the emissions intensity of the proposal.</p> <p>(7) is accompanied by a summary plan.</p> <p>The proponent shall make all greenhouse gas management plans and all reports required under this condition 5 (including audits and peer reviews, summary plans and progress statements) publicly available on the proponent's website within the timeframes specified below for the life of the proposal, or in any other manner or time specified by the CEO:</p> <p>(1) the greenhouse gas management plan (and summary plan) referred to in condition 5-5 within two (2) weeks of receiving notice from the CEO in writing confirming the plan meets the requirements of condition 5-7;</p> <p>(2) the report referred to in condition 5-2 within two (2) weeks of the report being submitted to the CEO;</p> <p>(3) the reports, audits and peer reviews, summary plans and progress statements referred to conditions 5-3 and 5-4 within two (2) weeks of the relevant reports, summary statements and progress reports being submitted to the CEO; and</p> <p>(4) any revised greenhouse gas management plan referred to in condition 5-6 within two (2) weeks of receiving confirmation from the CEO as referred to in condition 5-5(1).</p>	Make GGMPs and reports publicly available on the OZ Minerals Website.	GGMPs and reports publicly available within specified timeframes	Overall	Life of Project	<b>NC</b>	<p>GHGMP made publicly available on via the OZL website. Sighted 23/06/23. Plan has been made available even through it has not formally been approved in writing by the CEO.</p> <p>Report required by Condition 5-2 sighted on OZ website 23/06/23. Report was not available within 2 weeks of submission.</p>



# AUDIT TABLE

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
1188:MG-1	<b>Terrestrial Fauna</b>	To prevent impacts to significant fauna species, the proponent shall implement the proposal to meet the following environmental outcome: (1) loss of no more than 6.7 ha of the spinifex sandplain habitat.	Implementation of TFMP	Annual survey data	Overall	Life of Project	C	TFMP Rev 1 (September 2021) approved 20/04/2022. No loss of Spinifex Sandplain habitat during reporting period.
1188:MG-2	<b>Terrestrial Fauna</b>	The proponent shall implement the proposal to meet the following environmental objective: (1) avoid, where possible and otherwise minimise impacts to native fauna, including impacts from clearing, fragmentation, vehicles and machinery, pipeline construction, feral animals, weeds, and fire.	Implementation of TFMP	Annual survey data Pipeline trench clearing records Feral animal observations & control program records Weed survey & control program records Fire records/aerial photographs	Overall	Life of Project	C	See Appendix 5 of CAR. Project in construction phase during reporting period.
1188:MG-3	<b>Terrestrial Fauna</b>	The proponent shall implement the West Musgrave Copper and Nickel Project Terrestrial Fauna Management Plan (Revision 1, September 2021) with the objective of ensuring the environmental outcome of condition 6-1 and the objective of condition 6-2 are achieved.	Implementation of TFMP	TFMP management targets complied with	Overall	Life of Project	C	See Appendix 5 of CAR.
1188:MG-4	<b>Terrestrial Fauna</b>	In the compliance assessment report required under condition 10-6, the proponent shall detail the reporting to the NGC of any conservation significant fauna or culturally significant fauna deaths and feral animal monitoring outcomes attributable to the implementation of the proposal.	Include reporting to the NGC in the annual Compliance Assessment Report	Fauna death records Feral animal monitoring records Written correspondence with NGC	Overall	Life of Project	<b>NC</b>	No conservation significant fauna deaths occurred during the reporting period. Incident report dated indicate death of 1 Goanna during the reporting period (9/12/22). This is culturally significant to TO's. Death was a result of vehicle



# AUDIT TABLE

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
1188:M6-5	Terrestrial Fauna	The proponent shall implement the latest revision of the Terrestrial Fauna Management Plan which the CEO has confirmed by notice in writing, addresses the requirements of conditions 6-1 and 6-2.	Implementation of TFMP	TFMP management targets complied with Confirmation in writing from the CEO	Overall	Life of Project	C	interaction. This has not been reported to NGC. Feral animal control programs being developed with NGC. NGC Camel Company has been contracted to conduct camel and dingo/feral dog control. See Appendix 5 of CAR.
1188:M6-6	Terrestrial Fauna	The proponent: (1) may review and revise the Terrestrial Fauna Management Plan; or (2) shall review and revise the Terrestrial Fauna Management Plan as and when directed by the CEO, including (if directed) in consultation with the NGC.	Revise and review the TFMP when directed by the CEO.	Written evidence of review and revision of the TFMP TFMP to contain review history	Overall	Life of Project	C	No review required during reporting period
1188:M6-7	Terrestrial Fauna	The proponent shall continue to implement the Terrestrial Fauna Management Plan, or any subsequent revisions as confirmed by the CEO in condition 6-5, until the CEO has confirmed by notice in writing that the proponent has demonstrated that the environmental outcome and objective detailed in conditions 6-1 and 6-2 have been met.	Implementation of TFMP	TFMP management targets complied with Confirmation in writing from the CEO outcomes have been met	Overall	Life of Project	C	See Appendix 5 of CAR.
1188:M7-1	Environmental Performance Report	The proponent shall submit an Environmental Performance Report to the Minister every five (5) years.	Prepare and submit an Environmental Performance Report	Written confirmation of submission of report to the Minister	Overall	Every 5 years for the life of the Project	NR	Project commenced on 11 November 2022.



# AUDIT TABLE

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
1188:M7-2	<b>Environmental Performance Report</b>	The first Environmental Performance Report shall be submitted within three months after five (5) years from substantial commencement, or such other time as may be approved by the CEO.	Prepare and submit an Environmental Performance Report	Written evidence of submission of the Environmental Performance Report	Overall	Within 3 months after 5 years from substantial commencement and every 5 years following	NR	
1188:M7-3	<b>Environmental Performance Report</b>	Each Environmental Performance Report shall report on proposal impacts on the following environmental values: (1) state of social surroundings including cultural heritage, landscape, access for traditional use and custom, and amenity; (2) state of flora and vegetation; (3) state of groundwater; (4) state of terrestrial fauna; and (5) state of the holistic environment.	Prepare Environmental Performance Report to include required information	Submitted Environmental Performance Report	Overall	Life of Project	NR	
1188:M7-4	<b>Environmental Performance Report</b>	The Environmental Performance Report must include: (1) a comparison of the environmental values identified in condition 7-3 at the end of the 5 year period; against the state of each environmental value at the beginning of the 5 year period; (2) a comparison of the environmental values identified in condition 7-3 at the end of the five (5) year period; against the state of the environmental values identified in first Environmental Performance Report submitted in accordance with condition 7-2; and (3) proposed adaptive management and continuous improvement strategies.	Prepare Environmental Performance Report to include required information	Submitted Environmental Performance Report	Overall	Life of Project	NR	

# AUDIT TABLE

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
1188:M7-5	<b>Environmental Performance Report</b>	The Environmental Performance Report may be in whole, or part prepared in conjunction with other proponents where there are cumulative impacts from their proposals.	Prepare Environmental Performance Report	Acknowledgement included in Environmental Performance Report of cooperation with other proponents	Overall	Life of Project	NR	
1188:M8-1	<b>Contact Details</b>	The proponent shall notify the CEO of any change of its name, physical address, or postal address for the serving of notices or other correspondence within twenty-eight (28) days of such change. Where the proponent is a corporation or an association of persons, whether incorporated or not, the postal address is that of the principal place of business or of the principal office in the State.	Notify the CEO of changes to contact details	Correspondence to the CEO	Overall	Life of Project	NR	No change of name during the reporting period
1188:M9-1	<b>Time Limit for Proposal Implementation</b>	The proponent shall not commence implementation of the proposal after five (5) years from the date of this Statement, and any commencement, prior to this date, must be substantial.	Commence proposal prior to 20 April 2027	Photo and as built plans showing on ground activities	Overall	On or before 20 April 2027	C	Construction Commenced 29 October 2022. Email from T Lynch sighted on 26/6/23 documenting project start. Substantial commencement deemed to have occurred.
1188:M9-2	<b>Time Limit for Proposal Implementation</b>	Any commencement of implementation of the proposal, on or before five (5) years from the date of this Statement, must be demonstrated as substantial by providing the CEO with written evidence, on or before the expiration of five (5) years from the date of this Statement.	Provide CEO with written evidence of substantial commencement	Written correspondence to the CEO	Overall	On or before 20 April 2027	C	Written notification of commencement has not been provided during the reporting period. Draft letter of notification sighted 7/07/23 with plan to submit week of 10/7/23.

# AUDIT TABLE

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
1188:M10-1	<b>Compliance Reporting</b>	The proponent shall prepare and maintain a Compliance Assessment Plan which is submitted to the CEO at least six (6) months prior to the first Compliance Assessment Report required by condition 10-6, or prior to implementation of the proposal, whichever is sooner.	Prepare Compliance Assessment Plan	Email or other written notification of submission of CAP Approval of CAP by CEO	Overall	At least 6 months prior to the first Compliance Assessment Report or prior to implementation of the proposal	CLD	CAP submitted to DWER 19/10/2022.
1188:M10-2	<b>Compliance Reporting</b>	The Compliance Assessment Plan shall indicate: (1) the frequency of compliance reporting; (2) the approach and timing of compliance assessments; (3) the retention of compliance assessments; (4) the method of reporting of potential non-compliances and corrective actions taken; (5) the table of contents of Compliance Assessment Reports; and (6) public availability of Compliance Assessment Reports.	CAP to contain required information	Compliance Assessment Plan	Overall	Life of Project	CLD	CAP approval received 18/11/2022.
1188:M10-3	<b>Compliance Reporting</b>	After receiving notice in writing from the CEO that the Compliance Assessment Plan satisfies the requirements of condition 10-2, the proponent shall assess compliance with conditions in accordance with the Compliance Assessment Plan required by condition 10-1.	Annual compliance audit	Correspondence from CEO that CAP approved Annual Compliance Assessment Reports	Overall	Life of Project	CLD	CAP approval received 18/11/2022. This report is the first CAR submitted for the Project.
1188:M10-4	<b>Compliance Reporting</b>	The proponent shall retain reports of all compliance assessments described in the Compliance Assessment Plan required by condition 10-1 and shall make those reports available when requested by the CEO.	Document filing system to retain required records	Annual Compliance Assessment Reports available on request	Overall	Life of Project	NR	This is the first CAR submitted for the Project.

# AUDIT TABLE

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
1188:M10-5	<b>Compliance Reporting</b>	The proponent shall advise the CEO of any potential non-compliance within seven (7) days of that non-compliance being known.	Notification of non compliance	Written notification of non compliance to CEO dated within 7 days of identification	Overall	Within 7 days of detection of non-compliance	C	One technical non-compliance relating to late submission of GHGMP. EPA advised in writing as part of the submission on 24/06/22. Non compliances identified during preparation of the CAR will be submitted separately to DWER.
1188:M10-6	<b>Compliance Reporting</b>	The proponent shall submit to the CEO the first Compliance Assessment Report fifteen (15) months from the date of issue of this Statement addressing the twelve (12) month period from the date of issue of this Statement and then annually from the date of submission of the first Compliance Assessment Report, or as otherwise agreed in writing by the CEO. The Compliance Assessment Report shall: (1) be endorsed by the proponent's Chief Executive Officer or a person delegated to sign on the Chief Executive Officer's behalf; (2) include a statement as to whether the proponent has complied with the conditions; (3) identify all potential non-compliances and describe corrective and preventative actions taken; (4) be made publicly available in accordance with the approved Compliance Assessment Plan; and (5) indicate any proposed changes to the Compliance Assessment Plan required by condition 10-1.	CAR prepared to contain required information and submitted	Written notification of submission of CAR CAR contents comply with information requirements	Overall	First report by 20 July 2023	C	This is the first CAR submitted for the Project.

# AUDIT TABLE

Proposal Implementation Monitoring Branch

PROJECT: West Musgrave Copper and Nickel Project

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
1188:M11-1	<b>Public Availability of Data</b>	Subject to condition 11-2, within a reasonable time period approved by the CEO of the issue of this Statement and for the remainder of the life of the proposal, the proponent shall make publicly available, in a manner approved by the CEO, all validated environmental data (including sampling design, sampling methodologies, empirical data and derived information products (e.g. maps)), management plans and reports relevant to the assessment of this proposal and implementation of this Statement.	Make all validated environmental data, management plans and reports publicly available within a reasonable time period	Validated environmental data, management plans and reports available publicly through the OZ Minerals website	Overall	A reasonable time period approved by the CEO, for the remainder of the life of the proposal	C	OZ website has links to approved Management Plans and CAP. Sighted 30/06/23.
1188:M11-2	<b>Public Availability of Data</b>	If any data referred to in condition 11-1 contains particulars of: (1) a secret formula or process; or (2) confidential commercially sensitive information, the proponent may submit a request for approval from the CEO to not make these data publicly available. In making such a request the proponent shall provide the CEO with an explanation and reasons why the data should not be made publicly available.	Letter to CEO requesting not to make sensitive data publicly available	Written letter to the CEO Written approval from CEO to exclude data from public availability	Overall	Reasonable time period from the issue of this statement	C	Maps and data relating to locations of cultural heritage sites have been requested by NGC to be kept confidential. OZ has communicated this request to DWER.

## **APPENDIX 2: AUDIT FINDINGS FOR CHMP IMPLEMENTATION**



## Cultural Heritage Management Plan (October 2021) Audit Table

CHMP Reference	Element	Requirements	Compliance Status	Evidence
1.2	<b>Context and Rationale</b> <b>Golden Rules</b>	Do not start ground disturbing or non-ground disturbing work without an approved Land Disturbance Permit (LDP) (for ground disturbing activities) or Permit to Work (PTW) (for non-ground disturbing activities) as issued by the Ngaanyatjarra Council.  Never leaving designated work areas, accommodation areas or transport areas, unless in the case of an emergency If you are unsure about whether you're operating or traversing through an approved work area, or if you think you've found cultural heritage material or skeletal remains, stop all works within a 50 m radius and tell your supervisor  In the case of a breach of the 'Golden Rules', or what is thought may be a breach, tell your supervisor immediately, OZ Minerals and the Ngaanyatjarra Council must be notified as soon as practicable to determine next steps.	C  C  C	Permit to Work 1 issued 28 October 2022, Permit to work 2.1 approved 28/02/2023- sighted 06/06/23, P Construction - Land Access and Disturbance Procedure - Issued for use 20 March 2023 - sighted 15/06/23. LADP map showing quarterly land disturbance and exclusion zones - sighted 06/06/2023. LADP power point - sighted 15/06/23.  Golden Rules Induction - sighted 15/06/23. Requirement that all employees, and contractors' complete induction.  Five breaches of the Golden Rules were recorded during the reporting period and reported in Myosh, MYOSH entries sighted 27/06/23. All were regarded by OZ as being significant incidents. Detailed investigation reports were carried out on each incident and reports contain dates and information regarding correspondence with NGC.  Process of notification to NGC of a breach is verbal followed up by written notification as soon as possible. Additional information is provided as investigation proceeds and outcomes developed.  Evidence sighted of notification for one incident made by OZ to NGC on 20/12/22.
1.7.1.4	<b>Indirect Impacts</b>  <b>Table 5: Mitigation Measures for the Indirect Impacts to Cultural Heritage</b>	Vehicles not permitted to leave access tracks or cleared areas without an approved Permit to Work (PTW) from the Ngaanyatjarra Council.  Machinery movements will be confined to defined roads and tracks.  Vehicles required to travel at safe operating speeds on unsealed roads and are restricted from accessing rehabilitated surfaces except for rehabilitation management purposes  OZ Minerals will seal the offset-T intersection where the northern access road crosses over the Warburton to Blackstone road to the culline road. The sealing will include nominally 500 m to 750 m of the northern access road and outline road, and the area of the Warburton to Blackstone Road between these two intersection points  Dust  An alternative to sealing sections of the Northern Access Road will be a road realignment further from an existing heritage exclusion zone (subject to approval from the Ngaanyatjarra Council and attaining of relevant regulatory approvals)  Land clearing would be kept to the minimum necessary for development of the project, reducing exposed areas subject to wind erosion	C  C  NR  NR  C	Permit to work and driver code of conduct - sighted 15/06/23.  Addressed in Induction. LADP process used to address areas of allowed work. Machinery movement during construction is not confined to roads and tracks as land clearing is required to implement the project. These movements are within approved permits to work issued by NGC.  Permit to work and driver code of conduct - sighted 15/06/23.  No rehabilitated areas as project in construction phase  Road construction not commenced during the reporting period. Discussions between OZ and NGC are ongoing. No access roads to cultural heritage sites have been sealed during the reporting period. PDF roads detailed timeline - sighted 06/06/23. PDF Decisions and consultation relating to roads - sighted 06/06/23. Communication register - sighted 06/06/23. Ngaanyatjarra Council and OZ communications detailed report - sighted 19/06/23.  Construction commenced October 2022. Area of disturbance as of 31 March 2023 was 312.8 ha. Areas not required for short term construction have not been cleared during the reporting period. Land Access and Disturbance Procedure - issued for use 20 March 2023 - sighted 29/06/23. LADP map showing quarterly land disturbance and exclusion zones - sighted 06/06/2023.



CHMP Reference	Element	Requirements	Compliance Status	Evidence
		<p>Undertaking of annual (or as otherwise reasonably requested by the Ngaanyatjarra Council) photo-point monitoring for all cultural heritage sites (including archaeology sites) within the main development area and to within 3 km of the main development area and as otherwise reasonably requested by the Ngaanyatjarra Council, to undertake comparative analysis of dust accumulation against control sites, Ngaanyatjarra Senior Knowledge Holders and Traditional Owners will be invited to attend this monitoring through the Ngaanyatjarra Council and will be engaged to attend this monitoring on commercially acceptable terms</p> <p>Undertake quarterly quantitative monitoring of dust deposition gauges, within the main development area and to within 3 km of the main development area and as otherwise reasonably requested by the Ngaanyatjarra Council, to support analysis of dust accumulation at cultural heritage sites over time and in comparison, against control sites, Ngaanyatjarra Senior Knowledge Holders and Traditional Owners through the Ngaanyatjarra Council will be invited to jointly design dust monitoring programs and attend dust monitoring programs, and will be engaged on commercially acceptable terms.</p> <p>An exceedance of dust will be determined where the Ngaanyatjarra People or Ngaanyatjarra Council have raised concerns based on photo point monitoring, or formalised grievance and static dust monitoring indicates a significant increase of dust at the specified site, compared with control sites.</p> <p>Where practicable, land clearing would be undertaken progressively with the amount of active disturbance minimised</p> <p>Progressive rehabilitation would be undertaken on disturbed areas as they become available</p> <p>Topsoll and vegetation (including woody debris) would be re-spread over rehabilitated areas to act as a seed source and to protect the soil from erosion</p> <p>Dust managed by watering unsealed roads with a water cart or with fixed sprays as required</p> <p>During high winds (wind speeds greater than 40 km/hr averaged over 10 minutes), topsoll and overburden stripping and other high dust generating activities would be restricted.</p> <p>Spill ore and materials outside of the ore processing areas would be regularly cleaned up and removed to a designated waste landform or fed into the processing plant.</p> <p>Bulk products would be transported in covered containers</p> <p>Vehicle hygiene measures would be adopted for the concentrate storage shed (including covered shed and maintain a system to avoid land contamination during transport of concentrate which will include sprayers, wheel wash stations or similar alternative).</p> <p>Ensure that the cleared area is as small as reasonably required thereby reducing the amount of exposed dust producing surfaces.</p> <p>Machinery would be maintained in accordance with original equipment manufacturers (OEMs) requirements to minimise nuisance noise</p> <p>Where necessary equipment would be enclosed to reduce nuisance noise</p> <p>Airstrip would be oriented to ensure cultural heritage sites are not within the approach and take-off angles unless otherwise agreed with Ngaanyatjarra Council.</p> <p>Equipment design would be specified to be within Australian Standard noise limits</p>	C	<p>Unable to comply with photo point monitoring component due to cultural heritage sensitivities associated with the locations. Access has not been granted by NGC.</p> <p>Dust deposition gauges have been installed during the reporting period at locations approved by NGC. Location map - sighted 15/06/23. Monitoring is in early stages. NGC representatives participated in first collection of deposition bottles.</p>
			C	No concerns raised with OZ during reporting period regarding dust deposition at cultural heritage sites.
			C	Construction commenced October 2022. Area of disturbance as of 31 March 2023 was 312.8 ha. Areas not required for short term construction have not been cleared during the reporting period.
			NA	Project in construction phase
			NA	Project in construction phase
			C	Dust suppression activities are implemented by contracted water cart. Evidence of water cart operation (photos) sighted 26/06/23. Daily record sheets submitted by contractors record use of water truck (hours). Dust management procedure (Table 4.1) - sighted 15/06/23. No crushing activities undertaken during the reporting period. Excessive dust reported using OZ incident report system. Incidents investigated and actions taken to prevent reoccurrence. Evidence sighted 27/6/23.
			C	Dust management procedure (Table 4.1) - sighted 15/06/23.
			NR	Project in construction phase
			NR	Project in construction phase
			NR	Project in construction phase
			C	LADP map showing quarterly land disturbance and exclusion zones - sighted 06/06/2023.
			NR	Project in construction phase. Only applicable to equipment used during construction. No noise complaints received.
			C	Design of airstrip has taken location of cultural heritage sites into consideration.
			C	Basis of Design document for Mineral Processing Plant dated 8/08/22, updated 23/11/22 (versions A & B) sighted 27/6/23. Section 6.4 addresses noise requirements and references MM-0000-ENG-DES-0003 design criteria for mechanical equipment.

CHMP Reference	Element	Requirements	Compliance Status	Evidence
	Visual Amenity	<p>Permanent landforms such as WRDs and TSFs would be similar in height to surrounding natural landforms (e.g. &lt;60 m)</p> <p>Progressive rehabilitation would be undertaken on disturbed areas as they become available</p> <p>Wind turbines and masts would be removed at closure, or as agreed with the Ngaanyatjarra Council</p> <p>Lights would be strategically placed and designed to shine towards plant operations and minimise light spill to the environment</p> <p>Design of lighting arrangements with consideration to AS4282-1997. Control of the obtrusive effects of outdoor lighting.</p>	NR	Project in construction phase
	Lighting	<p>Before arriving at the final lighting design, consideration would be given to alternative lighting systems with respect to their capability of fulfilling both the functional and environmental design objectives</p> <p>When there is some flexibility about where an illuminated area/activity can be sighted, it would be located and oriented where it would have the least effect on cultural heritage sites, taking into account any screening which may be provided by the surrounding topography or other physical features such as trees or sand dunes</p> <p>The selected light fixtures would have a light output distribution appropriate for the application and would not emit excessive light outside the property boundaries</p> <p>Louvers, baffles or shields or the like will be added to floodlights to control spill light where this did not significantly influence the performance of the lighting system</p>	NR	Project in construction phase
	Groundwater	<p>Floodlight locations are often determined by the nature of the activity for which the lighting is provided. Small departures from the recommended positions will be considered if this results in a greater degree of control of the spill light</p> <p>There will be no impact to water holes (water quality and water levels) at the Pilpirin cultural heritage site, or any other cultural heritage sites as a result of project-related activity</p>	NR	Project in construction phase
	Ngaanyatjarra Social and Cultural Surroundings	<p>OZ Minerals will report to the Ngaanyatjarra Council any environmental management exceedance, event or trend of concern that may indicate any environmental management issue, upon OZ Minerals becoming aware of the exceedance, event or trend, and will send to the Ngaanyatjarra Council any report and correspondence relating to that exceedance, event or trend at the same time it is sent to other third parties (e.g. government regulators).</p> <p>OZ Minerals will notify the Ngaanyatjarra Council of any regulated changes to WMP Environmental Management Plans and collaborate with the Ngaanyatjarra Council in the drafting of those changes</p>	C	<p>Basis of Design document for Mineral Processing Plant dated 8/08/22, updated 23/11/22 (versions A &amp; B) sighted 27/6/23. References WM-0000-ELE-SPE-0011 Lighting Design and Installation</p> <p>Project in construction phase</p>
		<p>OZ Minerals will convene and resource a Cultural Heritage Management Decision Making Committee (CHMDC) (Section 3.3.3) and other meetings of Ngaanyatjarra Senior Knowledge Holders and Traditional Owners as they may be required from time to time (as notified by the Ngaanyatjarra Council or OZ Minerals)</p>	NR	<p>Project in construction phase. Very limited amounts of groundwater abstraction have occurred during reporting period (0.3% of licence allocation).</p> <p>No exceedance, event or trend of concern occurred during the reporting period.</p> <p>No regulated changes to WMP Environmental Management Plans</p>
		<p>OZ Minerals will invite Ngaanyatjarra People, through the Ngaanyatjarra Council, to undertake environmental monitoring across all phases of the WMP. If this invitation is accepted, OZ Minerals will pay for this monitoring on agreed fair and reasonable commercial terms.</p>	C	<p>This is known as the Heritage Committee as per the Mining Agreement requirements.</p> <p>In addition to this, the Oversight Committee, consisting of 30 senior knowledge holders, meetings twice a year to discuss heritage impacts and other topics.</p> <p>Project is in construction phase. All environmental monitoring activities during reporting period were conducted by OZ personnel. Ranger program has not been developed as yet. OZ communicated intention was to involve Rangers/IO's during next reporting period.</p> <p>Ngaanyatjarra people have participated as monitors in environmental activities including dust monitoring, water bore monitoring, weed surveys and great desert skink surveys. When commenced, the Ranger Program will continue and expand this scope of activities.</p>
		<p>A program of cultural geography will be commissioned with the Ngaanyatjarra Council and Traditional Owners to characterise the cultural landscape beyond ethnographic sites of importance. This work may include the identification of graves, location of contemporary family connections, further research into the locations of dreaming trails and a deeper appreciation for cultural associations and practices performed in the West Musgrave area. This work will be done to inform chance find protocols, micro siting of infrastructure and provide a body of knowledge that will be used to inform cultural amenity impact offset strategies.</p> <p>Attaining the Ngaanyatjarra People's consent to mine will follow the requirements of the WMP. Negotiation Process Agreement and follows that the Mining Agreement (once in effect) will set out the terms and conditions, including compensation, on which YNP and the Land Council consent to the development and operation of the Nebo-Babel Mine on the existing mining tenements and on any other mining tenements that may be granted in the Exploration Area and the Miscellaneous Licence Area.</p>	C	<p>Mining Agreement provides for funding for the cultural geography project. The Scope of Works is still under development by the NGC. The timeframe for implementation will be determined by the NGC.</p>
			C	<p>Mining Agreement has been entered into by OZ and NGC.</p>

CHMP Reference	Element	Requirements	Compliance Status	Evidence
3.1	<b>Methods for Pre-Clearance Surveys</b>	<p>OZ Minerals will, with the involvement of the CHMDC, maintain and meet its obligations pertaining to the protection and management of cultural heritage and the environment through a register of obligations.</p> <p>OZ Minerals will comply with the Ngaanyatjarra Council's CHMP, Revision O, dated 18 October 2021.</p> <p>OZ Minerals will continue to meet with and resource the Ngaanyatjarra Council and the Ngaanyatjarra People (as directed in the Mining Agreement (once in effect)) to regularly discuss the WMP, the impacts that have and may arise from the WMP and the actions required to mitigate and manage those impacts.</p>	C	<p>Obligations Register (Rev 15) detailing commitments - sighted 27/06/23.</p> <p>Mining Agreement has since been entered into. The Agreement requires an update of the October 2021 NGC CHMP which is still in progress.</p> <p>The Mining Agreement provides funding for six NGC full time equivalent roles to support the Ngaanyatjarra Council to engage with the WMP and implement the Mining Agreement. Regular meetings including joint governance (Liaison, Heritage and Oversight Committees) and topics specific (environmental approvals, heritage, contracting, road safety etc.) are held between OZ and NGC to mitigate actions and manage impacts.</p> <p>The majority of the requirements of the NGC CHMP have been incorporated into the EPA approved CHMP. Compliance with the EPA approved CHMP is documented in this assessment.</p>
		<p>To mitigate against the risk of perceived impacts to cultural association and aesthetics, OZ Minerals will design and implement monitoring programs, jointly with Ngaanyatjarra People and the Ngaanyatjarra Council, to establish baseline environmental data so that if an impact concern is raised by Ngaanyatjarra People or the Ngaanyatjarra Council, that evidence can be provided as to why that impact event was not caused by the WMP. For example, if Ngaanyatjarra People perceive that water levels and/or water quality at a particular heritage site outside of the Development Envelope has been impacted by the WMP, evidence can be provided, as jointly obtained with Ngaanyatjarra People, as to why such an impact would likely not have arisen from the WMP.</p> <p>A grievance system will be developed jointly with the Ngaanyatjarra Council to assist with documenting, investigating and responding to complaints made by community groups and stakeholders, and all stakeholder issues and concerns will be proactively addressed. The grievance system will be reviewed as part of the CHMDC standing agenda and records of material grievances included in the annual WMP Compliance Assessment Report.</p>	C	<p>Monitoring for groundwater, flora, vegetation and fauna is described in the approved GMMIP, FVMP and TFMP respectively. NGC provided input to each of the plans prior to approval by the EPA.</p> <p>All environmental monitoring activities during the reporting period were conducted by OZ personnel. Ranger program has not been developed as yet. OZ communicated intention was to involve Rangers/TO's during next reporting period.</p> <p>The Mining Agreement specifies a Stakeholder Engagement Plan is required to be prepared and this is to include a description of the grievance mechanism in relation to cultural heritage.</p> <p>Grievance Procedure (WM-0000-PRO-0001) has been drafted. Sighted 4/08/23.</p> <p>Incidents recorded and addressed in MYOSH.</p> <p>Heritage Committee meetings are identified as an additional forum for raising issues.</p> <p>No complaints received during the reporting period related to cultural heritage.</p>
		<p>A revision to this CHMP will be made following the completion of the Mining Agreement to include any changes or updates to the process for pre-clearance surveys.</p> <p>To protect areas of significance, OZ Minerals must request clearance from the Ngaanyatjarra Land Council before proceeding with any works (which have not already been screened and cleared for a particular activity). The form of the request to the Ngaanyatjarra Land Council would come in the form of a formal heritage request, and must include:</p> <ul style="list-style-type: none"> <li>• Maps, plans and photographs where appropriate</li> <li>• Proposed means of access and locations of access for people and equipment</li> <li>• The location where work will be conducted and an estimated timeframe, scope and techniques to undertake the activity</li> <li>• The items of equipment to be used</li> <li>• Details of the location, and structures that may be erected</li> <li>• The identity of any contractors that may be used and maximum numbers of people to be involved, including their roles.</li> </ul> <p>Following the receipt of notice, the Ngaanyatjarra Land Council and OZ Minerals will undertake (at an agreed expense covered by OZ Minerals) the organisation and implementation of a screening/clearance program by the Scouting Team of the required areas.</p> <p>The tasks of the scouting team may include:</p> <ul style="list-style-type: none"> <li>• Determine whether proposed activities are likely to damage, disturb or encroach upon or interfere with areas of significance</li> <li>• Provide OZ Minerals advanced warning to enable relocation of work areas to avoid sites of significance</li> <li>• To make every reasonable endeavour to proceed with the work at a rate that will avoid standby.</li> </ul>	C	<p>Mining Agreement has been completed. Revision of the CHMP has been discussed with NGC and is in progress. Revision timing delayed to allow it to also address requirements of newly introduced ACH Act and regulations. Revised CHMP to be submitted to EPA for approval in next reporting period.</p> <p>Communication with OZ indicates this process was based on the contents of the Exploration Deed between OZ and NGC at the time of preparation and approval of the CHMP. Since this time, OZ and NGC have entered into a Mining Agreement which supersedes the Exploration Agreement. The process described in the CHMP has changed with the Mining Agreement documenting a Permit to Work.</p> <p>Permit to Work procedure has been implemented. OZ submit request for work activities to NGC. Permit to Work (PTW) is issued if in agreement and may contain conditions for conduct of work. OZ use a separate Land Access and Disturbance Procedure for internal purposes to authorise and track on ground works within an approved PTW area.</p> <p>Fortnightly meeting has been established between NGC and OZ to discuss environment and heritage related items. Meeting minutes dated 3/05/23 sighted on 27/6/23. Item 2 listed upcoming surveys (priority flora, weeds, Great Desert Skink habitat). Item 3 discussed current and proposed Land Access and Disturbance Permits (LAPDs).</p>

CHMP Reference	Element	Requirements	Compliance Status	Evidence
		<p>The scouting team shall consist of the following:</p> <ul style="list-style-type: none"> <li>Two anthropologists employed or engaged by the Ngaanyatjarra Land Council and agreed to by OZ Minerals</li> <li>A liaison officer engaged by the Ngaanyatjarra Land Council</li> <li>Four male and four female Traditional Owners (total of eight); or as otherwise agreed between the parties</li> <li>The supervising anthropologist shall be responsible for the coordination of the scouting team.</li> </ul> <p>OZ Minerals shall appoint a representative to work in association with the scouting team, whose duties include:</p> <ul style="list-style-type: none"> <li>Accompanying the scouting team to the proposed work areas</li> <li>Identifying the relevant work area locations</li> <li>Providing suitable maps of proposed work areas</li> <li>Relocating infrastructure as needed to avoid significant areas</li> <li>Communicate with the Ngaanyatjarra Land Council's supervising anthropologist.</li> </ul> <p>The Ngaanyatjarra Land Council's appointed supervising anthropologist's duties include:</p> <ul style="list-style-type: none"> <li>Identifying appropriate Traditional Owners to accompany the scouting team.</li> <li>Coordinate the work of the scouting team</li> <li>Mark-up all sets of maps so that work areas cleared, or not cleared are designated</li> <li>Act as a point of contact to the OZ Minerals representative.</li> </ul> <p>OZ Minerals must direct any variations to plans to the Ngaanyatjarra Land Council appointed supervising anthropologist</p> <p>Upon completion of screening and clearance of work areas, or any part thereof by the scouting team and notification by the Ngaanyatjarra Land Council, OZ Minerals are entitled to commence operations without being required to obtain any further clearance, unless further modifications to the cleared area are required (in which case a variation to the heritage clearance request must be issued to the Ngaanyatjarra Land Council)</p> <p>Where a work area, or part thereof has been screened or cleared subject to compliance with conditions specified by the Ngaanyatjarra Land Council, OZ Minerals may only conduct activities in accordance with these conditions</p> <p>Within seven days of the completion of the scouting tour the Ngaanyatjarra Land Council will notify OZ Minerals in writing by providing maps, indicating the scouting team's decision concerning acceptability or otherwise of the proposed locations of activities. This notification should be countersigned by an OZ Minerals representative. The notification will specify the proposed locations which have been screened and cleared for use by OZ Minerals and any conditions of use.</p> <p>OZ Minerals shall not carry out activities on any part of the Lands unless:</p> <ul style="list-style-type: none"> <li>Within a defined work area screened and cleared by the scouting team</li> <li>Until notification has been received relating to the screening and clearance, and</li> <li>In accordance with the conditions (if any) included in the notification</li> </ul> <p>OZ Minerals shall be absolutely entitled to rely on the clearances notified by the Ngaanyatjarra Land Council.</p> <p>Neither the Ngaanyatjarra Land Council nor any member of the scouting team are required to disclose to OZ Minerals the actual locations of areas of significance or any associated cultural information relating to an area of significance</p>		<p>All LADPs are issued to Ngaanyatjarra Council for information. LADPs within the Preparatory Permit to Work 2.1 are either issued fourteen (14) days prior to the proposed date of commencement of works for low impact works and issued fourteen (14) days prior for approval for high impact activities. Following review, representatives can supervise on ground disturbance and activity to ensure protection of sensitive areas is acceptable - email sighted 27/06/23.</p> <p>Cultural Heritage Management Procedure Rev 0 has been developed in consultation with the NGC. Section 5.6 discusses variations and communications requirements - sighted 27/06/23.</p> <p>It is noted that the CHMP requires revision to ensure the pre-clearance survey method agreed between OZ and NGC is accurately described.</p>
3.2.1	Register or Sites	<p>In collaboration with relevant cultural heritage custodians, a register of identified tangible cultural heritage features and intangible cultural heritage features and values within the project area will be developed and maintained.</p>	C	<p>Exclusion zones register - sighted 16/06/23. Pegged heritage areas map - sighted 16/06/23. Heritage marker locations pegged PDF - sighted 19/06/23.</p>
3.2.2	Land Disturbance Permit and Permit to Work Process	<p>The Land Disturbance Permit (LDP) and Permit to Work (PTW) process will be implemented.</p>	C	<p>NGC issues Permit to Work authorisation for specific areas based on applications made by OZ. OZ internal process then requires approval of a LADP prior to any physical on-ground works occurring. Process is consistent with Mining Agreement requirements.</p> <p>Construction - Land Access and Disturbance Procedure - Issued for use 20 March 2023 - sighted 15/06/23.</p>



CHMP Reference	Element	Requirements	Compliance Status	Evidence
3.2.3	<b>Ngaanyatjarra Monitors</b>	<p>Up to two monitors will be invited to be present when ground is disturbed for the first time, and to help physically demarcate approved work areas prior to the commencement of works.</p> <p>In addition, Ngaanyatjarra monitors will be stationed at land disturbance activities where there is high risk of cultural heritage material, as deemed necessary by OZ Minerals and the Ngaanyatjarra Council, to ensure that clearing and other activities are done in accordance with agreed heritage report requirements, to manage chance finds and to manage other heritage related risks.</p> <p>The Ngaanyatjarra Council has acknowledged that this monitoring may be impractical to implement due to the availability of Ngaanyatjarra People to perform these duties and other constraints. As such, while there is strong intent to implement this monitoring program, the involvement of Ngaanyatjarra monitors is not a strict compliance requirement, however, inviting Monitors to attend is expected.</p>	C	<p>Invitation to participate made verbally over the phone to NGC Liaison Officers, or in person in the community. Daily monitoring information is recorded on a sign in sheet which are completed when monitors accept an invitation to participate. Daily sign in sheets for two days in June and July 2023 sighted 12/07/23 noting one recorded invitation that was not accepted and one that was.</p> <p>Cultural heritage monitoring procedure recently developed.</p> <p>NGC have participated regularly when clearing required during the reporting period. Photographs of first pegging dated 29/09/22 sighted showing OZ and NGC representatives.</p> <p>Areas of high-risk of disturbance of cultural heritage have been excluded from the Development Envelope or project footprint through careful attention to project design. Presence checked through LAPD process.</p>
3.2.4	<b>Chance Find Protocol</b>	<p>Through the course of land disturbance activities, sites that have not been previously identified in organised cultural heritage surveys may be encountered or become exposed through the process of excavation. These may include artefacts, skeletal remains or other manifestations of the Tjukurpa. To minimise potential conflict with such sites, a chance find protocol will be developed and implemented with relevant Ngaanyatjarra stakeholders. The chance find protocol is likely to include the following provisions:</p> <ul style="list-style-type: none"> <li>Define the types of sites that may be encountered through the process of clearing and ensure that this is included in the site induction and cultural awareness program.</li> <li>The process to follow if a potential new cultural heritage site is identified in the course of work. Nominally, this process may include: <ul style="list-style-type: none"> <li>All work in the immediate vicinity of the remains will cease until further notice, and the OZ Minerals representative will be notified as soon as reasonably possible who will issue a Stop Work Order.</li> <li>The OZ Minerals representative will notify the Ngaanyatjarra Council as soon as reasonably possible.</li> <li>Efforts to protect the remains will be made. Note that the site should not be interfered with or disturbed further, and buffer zones or temporary barriers will be established.</li> <li>Work may continue at a reasonable distance from the site as determined by the Ngaanyatjarra Council and OZ Minerals.</li> <li>All workforce at the site will be advised that it is an offence to damage sites or interfere with human remains.</li> <li>Where necessary local Police/Coroner's office will be notified (i.e. in the event that the identified chance find consists of human remains).</li> <li>A process for resolution will then be agreed between the Ngaanyatjarra Council and OZ Minerals, including written permission to recommence with operations.</li> </ul> </li> <li>Ngaanyatjarra cultural heritage monitors will be invited to be present when ground is disturbed for the first time and when otherwise agreed between OZ Minerals and the Ngaanyatjarra Council.</li> <li>Should a cultural heritage site be identified by chance, reviews of infrastructure design and location would be undertaken in consultation with the Traditional Owners with the objective of avoiding or otherwise minimising direct impacts where possible.</li> </ul> <p>OZ Minerals, in consultation with relevant Ngaanyatjarra stakeholders, will coordinate the development of a cultural induction program and a cultural awareness program.</p>	C	<p>Chance find tool box and attendance record sheet - sighted 16.06.23</p> <p>Chance find and awareness training program powerpoint presentation - sighted 16.06.23</p> <p>Right/Step Georeferencing Procedure - sighted 19.06.23</p> <p>OZ minerals and NGC meeting minutes include invite to ranger team / TOs to participate in activities – sighted 27.06.23</p> <p>Email regarding meeting with NGC highlighting request NGC to facilitate Heritage Monitors to be present for an Archaeological Survey over Northern Borefield and Solar Farm area - sighted 27.06.23.</p> <p>Ngaanyatjarra Council and OZ minerals communications detailed report - sighted 19.06.23.</p> <p>Cultural Heritage Management Procedure Rev 0 has been developed in consultation with the NGC - sighted 27.06.23</p> <p>All LADPs are issued to Ngaanyatjarra Council for information. LADPs within the Preparatory Permit to Work 2.1 are either issued fourteen (14) days prior to the proposed date of commencement of works for low impact works and issued fourteen (14) days prior for approval for high impact activities. Following review, representatives can supervise on ground disturbance and activity to ensure protection of sensitive areas is acceptable - email sighted 27/06/23.</p> <p>Module on the online induction process. NGC still developing their own. OZ one being used in the meantime.</p> <p>Cultural heritage induction module sighted 26.06.23.</p> <p>Chance find and awareness training program powerpoint presentation - sighted 16/06/23.</p>
3.2.5	<b>Training and Competency</b>	<p>A Cultural Induction Program will be delivered to all workforce attending the WMP. The content of the cultural awareness training will be coordinated by OZ Minerals in consultation with the appropriate knowledge holders, and may include:</p> <ul style="list-style-type: none"> <li>The significance of cultural heritage to Ngaanyatjarra stakeholders</li> <li>Relevant cultural heritage legislation</li> <li>Obligations under this CHMP and Mining Agreement, specifically their responsibilities regarding the protection of identified cultural heritage sites and chance finds</li> <li>Types of cultural heritage objects and how to identify them</li> <li>Procedures for reporting new cultural heritage sites and objects.</li> </ul>	C	<p>Cultural Induction Program sighted 26/06/23. This has been developed by OZ in absence of completed induction program developed by NGC. All employees, contractors and visitors are required to complete prior to allowance to work on site.</p> <p>Register of participation in inductions sighted 26/06/23. 808 people have completed the induction.</p>

CHMP Reference	Element	Requirements	Compliance Status	Evidence
		<p>A Cultural Awareness Training program will be delivered to all members of the workforce associated with the WMP. The content of the cultural awareness training will be developed in consultation with the appropriate knowledge holders, nominally the Cultural Awareness Program may include:</p> <ul style="list-style-type: none"> <li>• Cultural awareness</li> <li>• The significance of cultural heritage to Ngaanyatjarra stakeholders</li> <li>• Relevant cultural heritage legislation</li> <li>• Obligations under this CHMP and Mining Agreement, specifically their responsibilities regarding the protection of identified cultural heritage sites and chance finds</li> <li>• Types of cultural heritage objects and how to identify them</li> <li>• Procedures for reporting new cultural heritage sites and objects</li> <li>• A broader understanding of Aboriginal history and the impacts of colonisation, historical legislation and key events that have impacted on Aboriginal societies.</li> </ul> <p>OZ Minerals recognise the importance of Ngaanyatjarra People's role in communicating how they want their cultural heritage and culture managed as such Ngaanyatjarra People will be invited to participate in the delivery of cultural awareness training (subject to fair and reasonable commercial terms).</p>	C	<p>Cultural awareness training program developed by NGC. Implementation involves conduct of 1-day Bush Trips guided by community members of NGC for the OZ workforce. Participants spend 1 day on country for cultural familiarisation and awareness.</p> <p>Three Bush Trips have been conducted to date with 30 people having attended to date. Senior leadership has been prioritised for attendance and those that have completed the training include the Project Executive, Project Director, Deputy Project Director, General Manager, Commercial Director, Construction Director, Asset President, Head of Finance, and a range of senior managers and managers.</p> <p>Four further Bush Trips are stated as being planned for this year, and attendance of leaders and supervisors will be prioritised.</p>
3.2.6	<b>Demarcation of Sites</b>	<p>Work Areas: Physical demarcation (where necessary) of work sites will take the form of installing visible markers at regular intervals, so that the boundary of approved work areas can be easily ascertained, and to ensure that no encroachment into identified cultural heritage exclusion zones occurs.</p>	C	<p>Heritage sites physically identified in the field with pink and black pegs. TO's involved in pegging some of these sites. Images of TO involvement during pegging - sighted 27.06.23.</p> <p>Cultural heritage exclusion zone register - sighted 06/06/23.</p> <p>Pegged heritage Areas GIS - sighted 06/06/23.</p> <p>Heritage marker locations pegged PDF - sighted 19/06/23.</p>
3.2.7	<b>Incidents, Issues, Complaints and Grievance</b>	<p>Identified Cultural Heritage Sites: In-field demarcation of cultural heritage sites and places of high cultural value will only be demarcated in accordance with the wishes of Traditional Owners (and as documented in Ngaanyatjarra issued cultural heritage survey reports), or upon advice from relevant Traditional Owners or knowledge holders.</p> <p>In the event of a non-compliance with the requirements of this CHMP resulting from monitoring activities or legitimate complaint from a Ngaanyatjarra community member the following incident investigation process will be implemented:</p> <ul style="list-style-type: none"> <li>• The OZ Minerals representative will notify the Ngaanyatjarra Council (nominally the General Manager for Land and Culture) as soon as reasonably possible with details of the incident or complaint (within 12 hours)</li> <li>• Depending on the seriousness of the incident or claim, OZ Minerals and the Ngaanyatjarra Council may jointly investigate the incident (a decision to be confirmed by Ngaanyatjarra Council; nominally the General Manager for Land and Culture)</li> <li>• Where required, OZ Minerals and the Ngaanyatjarra Council will jointly investigate the incident within 48 hours and a report will be issued within 60 hours of receiving the initial incident notification.</li> <li>• The progress of the investigation will be communicated on a daily basis to other people as nominated by the Ngaanyatjarra Council and OZ Minerals</li> <li>• Immediately after issuing the investigation report, corrective actions will commence to improve processes to mitigate the risk of another incident</li> <li>• If negligence or purposeful misconduct is identified through the incident investigation disciplinary action may be taken</li> <li>• In addition, an issues, complaints and grievance system shall be developed to assist with documenting, investigating and responding to complaints made by community groups and stakeholders, and all stakeholder issues and concerns will be proactively addressed.</li> </ul>	C	<p>Pink and black pegs used to mark sites in the field. TO's involved in pegging some of these sites. Images of TO involvement during pegging - sighted 27.06.23.</p> <p>Pegged heritage Areas GIS - sighted 06/06/23.</p> <p>Heritage marker locations pegged PDF - sighted 19/06/23.</p> <p>Breaches of the Golden Rules as outlined in the CHMP did occur (see audit item 1.2).</p> <p>No other non-compliances with the CHMP occurred and no complaints were stated to have been received during the reporting period (S Labowitch Pers Comm).</p>
3.2.9	<b>Compliance Register</b>	<p>OZ Minerals will maintain a compliance register detailing all legislative commitments that OZ Minerals has made in relation to cultural heritage management, this will include any requirements stipulated in a Ministerial Statement relating to this CHMP, any regulatory conditions associated with subsequent mining approvals, the future Mining Agreement (and associated annexes, including the Ngaanyatjarra Council CHMP) and any recommendations made in cultural heritage surveys that are signed and countersigned by relevant parties.</p>	C	<p>Obligations Register (Rev 15) detailing commitments - sighted 27/06/23.</p>

CHMP Reference	Element	Requirements	Compliance Status	Evidence
3.2.10	<b>Information Management</b>	Geospatial data and other information pertaining to the location of exclusion zones and areas cleared for work will be maintained and document controlled in a document control system (Aconex or equivalent). All data generated as part of this CHMP will also be document controlled in a document control system (Aconex or equivalent). It is noted that data pertaining to cultural heritage is of a confidential nature, and as such will only be made available to nominated persons within OZ Minerals who have signed confidentiality statements.	C	RightStep Georeferencing Procedure - sighted 19/06/23. This software establishes a real time geospatial system whereby alerts are issued if intrusion is made to exclusion zones. Alerts comprise automatic notification to a designated OZ Minerals person who is responsible for launching an investigation into the incident.
3.2.12	<b>Support for Cultural Maintenance Activities</b>	Compensation and offset provisions to manage impacts to cultural amenity and cultural associations will be further developed as part of the Mining Agreement between the Traditional Owners, the Ngaanyatjarra Council and OZ Minerals	C	The Mining Agreement provides a comprehensive package of compensation and engagement opportunities to offset impacts to cultural amenity and cultural association. These include funding for: <ul style="list-style-type: none"> <li>• An Indigenous Ranger Program based in Jameson.</li> <li>• A cultural geography project to explore and document cultural associations with the impacted area.</li> <li>• A demography project to monitor social and cultural impacts of the Project.</li> <li>• A range of NGC positions to support successful implementation of the Mining Agreement and management and mitigation of Project Impacts.</li> <li>• Community projects including the construction of a Jameson based community facility, and re-location of community amenities.</li> <li>• Support for employment/training and business development.</li> <li>• Annual social investment funding to be jointly allocated by the NGC, Ngaanyatjarra People and the Company.</li> </ul>
3.3.1	<b>General - Communication</b>	OZ Minerals will provide ongoing, regular and timely communication to the Ngaanyatjarra People about the WMP.	C	Ngaanyatjarra Council and OZ Minerals communications detailed report - sighted 19/06/23. Communication Register - sighted 06/06/23. OZ Minerals and NGC committee meeting minutes include CHMP activities – sighted 27/06/23.
3.3.2	<b>Consultation Register</b>	A consultation register will be maintained to record specific consultation activities relating to cultural heritage protection, incidents or otherwise. This consultation register will include details of consultation activities undertaken, details of people consulted, details of consultation outcomes and any actions that arose as a result of that consultation event. The consultation register will likely form part of the 'incidents, issues, complaints and grievances' system and be reviewed at CHMDC meetings.	C	OZ uses the Borealis system to maintain records of consultation. A separate stakeholder engagement register is also maintained. Incidents and other engagement activities discussed at Heritage Committee meetings.

CHMP Reference	Element	Requirements	Compliance Status	Evidence
3.3.3	<b>CHMP Consultation</b>	<p>Central to consultation relating to this CHMP is the establishment of the CHMD or equivalent of relevant stakeholders. One role of the CHMDC will be to ensure the regular flow of information pertaining to the implementation of the CHMP (and other matters). The CHMDC will meet monthly unless otherwise agreed. In the event of a serious breach of the provisions of this CHMP, an emergency meeting of the CHMDC will be called. Consultation with CHMDC and other Ngaanyatjarra stakeholders to this CHMP will occur both at key milestones and at a schedule agreed by the CHMDC throughout the life of the project. These milestones include:</p> <ul style="list-style-type: none"> <li>Change of project phases (exploration and studies, construction, operations and closure)</li> <li>At an ongoing schedule to be agreed by the CHMDC (and as defined in the Mining Agreement)</li> <li>Ongoing through the incidents, issues, complaints and grievances process.</li> </ul> <p>Reporting of consultation outcomes will include:</p> <ul style="list-style-type: none"> <li>A record of meeting minutes of meetings relating to this CHMP.</li> <li>Annual reporting to the Board of the Ngaanyatjarra Council by the CHMDC regarding the status of this CHMP</li> <li>The incidents, issues, complaints and grievance register</li> <li>All consultation records will be recorded in a document management system (e.g. Landfolio Land Management System, or equivalent).</li> </ul>	C	<p>The committee is called the Heritage Committee and functions as a subcommittee of the Liaison Committee as provided for in the Mining Agreement. The Committee includes three representatives of the Company and the Ngaanyatjarra people and four designated NGC representatives. The Committee is required to meet once per quarter during the Construction Phase and once every 6 months during the Production Phase. Meeting minutes are published within 10 business days of the meeting being held. Heritage Committee meetings were held on 6/12/22 and 16/03/23. Further meetings are scheduled for 15/08/23 and 14/11/23.</p> <p>Written meeting minutes for 16/3/23 and evidence of provision of agenda, meeting minutes and copy of the OZ presentation to NGC on 21/03/23 was sighted on 12/07/23.</p> <p>No Emergency meetings have been required to be held.</p> <p>OZ gave a presentation to the NGC Board on 15/02/23 that covered a range of matters including cultural heritage. A written report has not been submitted.</p>
4.2	<b>CHMP - Review</b>	<p>A nominal standing agenda for CHMDC Meetings relating to the management of cultural heritage (including this plan) includes:</p> <ul style="list-style-type: none"> <li>Apologies, confirmation of attendees, confirmation of minutes</li> <li>Health and safety</li> <li>Action review</li> <li>Review of LDPs issued, status etc.</li> <li>Chance finds, discovery of potential skeletal remains, Tjukurrpa event</li> <li>Incidents, breaches, concerns raised (including emerging environmental concerns, including the potential for compliance breaches)</li> <li>Review of Ngaanyatjarra Access Plan</li> <li>Compliance register review</li> <li>Confirmation of actions arising, allocation of tasks and due dates</li> <li>Other business</li> <li>Next meeting.</li> </ul> <p>The membership of the CHMDC may include:</p> <ul style="list-style-type: none"> <li>Senior Ngaanyatjarra cultural knowledge holders/traditional owners for the WMP area</li> <li>OZ Minerals most senior on-site manager</li> <li>OZ Minerals most senior on-site community relations advisor/manager</li> <li>Ngaanyatjarra Council General Manager Land and Culture (Ngaanyatjarra Council) and/or Ngaanyatjarra Council Principal Anthropologist (Ngaanyatjarra Council)</li> </ul> <p>This CHMP will be reviewed annually (unless otherwise agreed by the CHMDC) following the signing of the Mining Agreement and prior to moving between project phases e.g. construction, operations and closure.</p> <p>This CHMP may also be reviewed should any of the following occur:</p> <ul style="list-style-type: none"> <li>Change of project phase e.g., construction to operation, and operations to closure</li> <li>If a significant incident occurs related to the protection of cultural heritage</li> <li>If the CHMDC request that a review is undertaken due to a relevant concern (subject to the outcomes of an incident/complaint investigation)</li> <li>Following completion of the Ngaanyatjarra Council's Cultural Geography Project</li> <li>If relevant State or Commonwealth legislation or policy requirements are updated or amended in relation to Aboriginal Heritage</li> <li>If the project scale and/or configuration changes in such a way that it materially changes the existing risk profile of the project and/or introduces additional potential impacts not previously considered/assessed.</li> </ul> <p>Any changes to this CHMP will involve consultation with the Ngaanyatjarra Council and may require approval from the EPA.</p>	C	<p>Heritage Committee has been developed. This includes three representatives of the Company and the Ngaanyatjarra people and four designated NGC representatives.</p> <p>Communication register - sighted 06/06/23.</p> <p>OZ minerals and NGC committee meeting minutes includes relevant CHMP activities – sighted 27/06/23.</p> <p>Cultural Heritage Management Procedure Rev 0 has been developed in consultation with the NGC. Section 5.7.5 states meeting are to be held quarterly - sighted 27/06/23.</p> <p>Approved CHMP Rev 3, dated October 2021.</p> <p>Mining Agreement has been completed noting this requires the NGC to prepare an updated CHMP.</p> <p>Revision of this CHMP has been discussed with NGC and is in progress. Revision timing delayed to allow it to also address requirements of newly introduced ACH Act and regulations. Revised CHMP to be submitted to EPA for approval in next reporting period.</p>
4.3	<b>Independent Peer Review</b>	<p>Where requested by the CHMDC, this CHMP will be independently audited or peer reviewed to validate the effectiveness of this CHMP, and to make suggestions for improvement within the scope of the EP Act</p>	C	<p>No request for review from CHMDC was received during the reporting period.</p>



## CHMP Objective Based EMP Audit Table

EPA Factors: Social Surroundings Key Environmental Values: Cultural heritage sites, and to the degree possible the broader landscape in which these sites reside Key Impacts and Risks:	Management Action	Management Target(s)	Monitoring	Reporting	Evidence
<ul style="list-style-type: none"> <li>Direct and unauthorised impacts to cultural heritage sites (e.g. Tjukurpa sites)</li> <li>Constrain or otherwise changes the nature of land access to cultural heritage sites or areas of the landscape used for customary uses by Traditional Owners</li> <li>Indirect impacts to cultural heritage sites through:               <ul style="list-style-type: none"> <li>The deposition of unacceptable levels of dust.</li> <li>Reduced amenity associated with noise.</li> </ul> </li> </ul>	<p><b>Management Objective:</b> Avoid and minimise direct impacts to potential cultural heritage sites</p> <ul style="list-style-type: none"> <li>Comply with Ngaanyatjarra Council issued cultural heritage survey reports, the Ngaanyatjarra Council CHMP (Version O, 18 October 2021) and this CHMP.</li> <li>All currently identified cultural heritage exclusions zones have been excluded from the Development Envelope and as such direct impacts to these sites will be avoided unless otherwise agreed with the Ngaanyatjarra Council.</li> <li>Unless otherwise agreed with the Ngaanyatjarra Council, heritage sites will be avoided and will be demarcated by Ngaanyatjarra People, by way of invitation to the Ngaanyatjarra Council, or as requested by the Ngaanyatjarra Council. Demarcation will be done using highly visible materials and where necessary physical barriers to avoid disturbance.</li> <li>Prior to the commencement of any clearing works, the Aboriginal Sites and Objects Register will be reviewed by OZ Minerals as part of the LDP process and applied, and a PTW will be sought and issued by the Ngaanyatjarra Council.</li> <li>OZ Minerals will appoint a Cultural Heritage Management expert for the duration of the project (prior to the commencement of construction until 3 months after the commencement of operations).</li> <li>As project definition increases, further site-specific cultural heritage surveys will be commissioned through the Ngaanyatjarra Council, to manage any uncertainties, and to ensure cultural associations are maintained and appropriate protection is afforded to cultural heritage sites.</li> <li>The development footprint and land clearance areas will be oriented to avoid archaeological sites where practicable.</li> <li>Convene and resource, on a monthly basis, or unless otherwise agreed with the Ngaanyatjarra Council, the Cultural Heritage Management Decision Making Committee (CHMDC) (Section 3.3.3).</li> <li>Where cultural heritage survey gaps exist, commission Ngaanyatjarra Senior Knowledge Holders and Traditional Owners, through the Ngaanyatjarra Council, to undertake heritage surveys prior to undertaking works (project works will be oriented around cultural heritage wherever possible).</li> <li>Implement the Ngaanyatjarra Council's Permit to Work (PTW) procedure. Record compliance within the WMP document control system (Aconex or equivalent).</li> </ul>	<p>Annual review of survey data and imagery</p> <ul style="list-style-type: none"> <li>All activities undertaken for the project must have an approved PTW or LDP defining allowable work areas before activities commence. Each PTW and LDP will clearly identify the work area and conditions under which the activities can be executed. These conditions will ensure compliance with any directions given in the Mining Agreement (once in effect), Ngaanyatjarra Council issued cultural heritage survey reports and the Ngaanyatjarra Council CHMP.</li> <li>Compile and maintain records of invitation to the Ngaanyatjarra Council, and of Ngaanyatjarra People involvement in the monitoring activities as specified in this CHMP.</li> <li>Annual review of internal land disturbance register and spatial data against exclusion zones and the requirements of Ngaanyatjarra Council issued cultural heritage survey reports.</li> <li>No less than 20% of all issued LDPs are to be audited for those years where LDPs are issued.</li> <li>Quarterly reconciliation of cleared areas and Development Envelope against Ngaanyatjarra Council issued cultural heritage survey reports and PTW during construction, and annually thereafter.</li> <li>Reports to provide details of any 'change finds' and the subsequent actions taken. Reports to be signed off by WMP General Manager, Ngaanyatjarra People, through the Ngaanyatjarra Council, will be invited to participate in the reconciliation actions on fair and reasonable commercial terms.</li> </ul>	<ul style="list-style-type: none"> <li>Internal Land Disturbance Register</li> <li>During construction a quarterly report (or similar, to be agreed with the Ngaanyatjarra Council) will be provided to the Ngaanyatjarra Council and CHMDC that includes maps showing cleared areas, PTW under application, PTW under activity, heritage cleared areas (or to be where a clearance request is pending), exclusion zones and cultural heritage sites, the Development Envelope and a list of live and pending tenements.</li> <li>Quarterly heritage clearance reconciliation reports to be provided to the Cultural Heritage Management Decision Making Committee (CHMDC) (Section 3.3.3) at their monthly meetings, and to the Ngaanyatjarra Council.</li> <li>Mining Rehabilitation Fund (MRF) annual reporting.</li> <li>Register of invitation to the Ngaanyatjarra Council, and of Ngaanyatjarra People detailing numbers of invitations to participate and numbers of people involved with specified monitoring and management activities.</li> <li>Where breaches of these management actions are identified, an incident report will be developed and communicated with the CHMDC and Ngaanyatjarra Council with agreed remedial actions (Section 3.2.7). All incidents, issues and non-compliances will be maintained in a register that will be reviewed by the CHMDC as per the CHMDC standing agenda in Section 3.3.3.</li> <li>A summary of audit numbers will be provided in the WMP Compliance Assessment Report, and a description of any nonconformances to these management actions.</li> <li>Annual WMP Compliance Assessment Report (including a summary of the operation of the CHMDC and any material matters raised as they may be relevant to this CHMP) submitted to the EPA.</li> <li>OZ Minerals will provide the Annual WMP Compliance Assessment Report and all related environmental management and monitoring</li> </ul>	<p><b>C</b></p> <p>Total clearing at end of March 2023 is 312.8 ha. Aerial photography viewed and all disturbance is within the approved Development Envelope.</p> <p>NGC issues Permit to Work authorisation for specific areas based on applications made by OZ. OZ internal process then requires approval of a LAPD prior to any physical on-ground works occurring. Process is consistent with Mining Agreement requirements.</p> <p>Cultural Heritage Management Procedure Rev. 0 has been developed in consultation with the NGC - sighted 27/06/23. Exclusion zones register - sighted 16/06/23. Pegged heritage areas map - sighted 16/06/23. Heritage marker locations pegged PDF - sighted 19/06/23. Land Access and Disturbance Procedure - issued for use 20 March 2023 - sighted 15/06/23. Heritage sites physically identified in the field with pink and black pegs. TOs involved in pegging some of these sites. Images of TO involvement during pegging - sighted 27/06/23.</p> <p>OZ Draft contract document provisions specifically requiring contractors work to comply with environmental and cultural specifications, plans and approvals. Draft contract to be used by Project Managers for specific Scopes of Work.</p> <p>OZ provides NGC with quarterly land disturbance reports. Email sited with clearing reports (maps) as of 31/01/23 and 30/04/23. Maps include required content. Engagement with NGC including invitations for participation in monitoring and management activities is maintained in Borealis system and also in Stakeholder Engagement Register.</p> <p>Incidents entered into MYOSH system and investigation outcomes tracked. Incidents reviewed at Heritage Committee Meeting as an Agenda item.</p> <p>Cultural Heritage expert retained in January 2023 to supplement work previously done by a number of OZ</p>	

<ul style="list-style-type: none"> <li>Project personnel do not undertake activities outside designated work areas (ground disturbing or non-ground disturbing).</li> <li>Jointly with the Ngaanyatjarra Council, OZ Minerals will work towards developing and commissioning a geofencing system which ensures that work activities are undertaken within defined PTW areas and away from cultural heritage exclusion zones, unless otherwise agreed with the Ngaanyatjarra Council. Geofencing equipment will be checked as part of daily pre-start inspections and will be fully maintained. The efficacy of the geofencing system will be regularly assessed in consultation with the CHMDC.</li> <li>Up to two Ngaanyatjarra People will be invited to be present to monitor work activities when ground is disturbed for the first time, and to help physically demarcate approved work areas prior to the commencement of works. In addition, Ngaanyatjarra monitors will be stationed at land disturbance activities where there is high risk of cultural heritage material, as deemed necessary by OZ Minerals and the Ngaanyatjarra Council, to ensure that clearing and other activities are done in accordance with agreed heritage report requirements, to manage chance finds and to manage other heritage related risks. Monitoring will also be undertaken by Ngaanyatjarra People at other times when reasonably requested by the Ngaanyatjarra Council.</li> <li>Design, implement and review (at least annually), with the Ngaanyatjarra Council, a cultural heritage spatial data management system. Cultural heritage exclusion zones, and/or areas considered at high-risk of containing cultural heritage sites, and related obligations, to be maintained in this spatial data management system for use in infrastructure design, layout planning, construction and operation.</li> <li>Should removal or destruction of archaeological and/or other cultural heritage sites be required it will be done in accordance with the wishes of the relevant Traditional Owners, the approval of the Ngaanyatjarra Council and in accordance with the WA Aboriginal Heritage Act (or as updated).</li> <li>Implement a 'chance find' procedure (will form a condition of LDPs) developed and agreed with the Ngaanyatjarra Council, and managed within the WMP document control system prior to construction commencement and through all project phases thereafter (Aconex or equivalent). The purpose of the chance find procedure is to outline the process that must be followed by OZ Minerals in the event of discovery of cultural heritage material (including skeletal remains) during or immediately prior to land disturbance activities.</li> </ul>	<p>Ngaanyatjarra People, through the Ngaanyatjarra Council, are invited to monitor all WMP work activities when ground is disturbed for the first time (unless otherwise agreed between OZ Minerals and the Ngaanyatjarra Council).</p> <p>Ngaanyatjarra People will be invited to participate in heritage and environmental monitoring on fair and reasonable commercial terms.</p> <p>Where specified in this Plan, OZ Minerals will facilitate Ngaanyatjarra People invitations to undertake monitoring.</p>	<ul style="list-style-type: none"> <li>Joint environmental monitoring (OZ Minerals and Traditional Owners, through the Ngaanyatjarra Council) of the WMP on agreed commercial terms, noting that joint monitoring may sometimes not be possible due to lack of availability of Ngaanyatjarra People.</li> <li>Quarterly physical inspections, and or by other means, of the Development Envelope boundary, cultural heritage exclusion zones and cultural heritage site boundaries by Traditional Owners and the Ngaanyatjarra Council, arranged through the Ngaanyatjarra Council and resourced by OZ Minerals, unless otherwise agreed between the Ngaanyatjarra Council and OZ Minerals.</li> <li>Review of any changes to, or non-compliances with, the WMP Heritage Commitments, Compliance and Obligations Table to be undertaken at each CHMDC meeting. This table will be jointly established by the Ngaanyatjarra Council and OZ Minerals.</li> <li>OZ Minerals and the Ngaanyatjarra Council will audit WMP compliance with the Ngaanyatjarra Council issued PTW conditions during and at the completion of the authorised works.</li> <li>The CHMDC will discuss and monitor the effectiveness of the Management Actions (Table 7) and Mitigations (Table 5) and discuss and record lessons learned to support improved cultural heritage management practice across the life of the WMP. This will be a standing agenda item of the CHMDC.</li> </ul>	<p>reports and associated raw data to the Ngaanyatjarra Council at the same time the report is sent to EPA. OZ Minerals will also provide any data and reports to the Ngaanyatjarra Council as reasonably requested by the Ngaanyatjarra Council.</p> <ul style="list-style-type: none"> <li>Ngaanyatjarra Council may also provide a report to the EPA pertaining to the operation of the Ngaanyatjarra Council's CHMP (however, it is noted that this is outside of the EPA's regulatory compliance requirements).</li> <li>Review and document the status of implementation of the indirect impact mitigation measures until such time as all the committed mitigation measures have been implemented or are otherwise considered no longer relevant by the Ngaanyatjarra Council.</li> </ul>	<p>personnel. Regular meetings held between this position and NGC GM Culture and Heritage.</p> <p>CHMDC committee is now named the Heritage Committee. Meeting schedule has been provided and meetings are held at least quarterly.</p> <p>Meeting between senior OZ personnel (A. Cole, J Massey) held with NGC Board on 15 February 2023. This is the first CAR produced. It addresses compliance with approved CHMP. A copy will be provided to NGC at same day it is submitted to EPA/DWVER.</p>	<p><b>C</b></p> <p>Chance Find and awareness training program powerpoint presentation - sighted 16/06/23. Toolbox and attendance record sheet - sighted 16/06/23.</p> <p>Chance Find Procedure is in development. Procedure is being co-developed with NGC.</p> <p>Quarterly ground disturbance reconciliation PDF maps. Is presented to NGC in the quarterly heritage oversight meetings. Q1 held in April-23. Emails and PDFs sighted 27/06/23.</p>
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<b>Management Objective:</b> Maintain access to cultural heritage sites, or areas of the landscape used for customary uses by Traditional Owners				
<b>Management Action</b>	<b>Management Target</b>	<b>Monitoring</b>	<b>Reporting</b>	<b>Evidence</b>
<ul style="list-style-type: none"> <li>In consultation with Traditional Owners develop and/or maintain access that enable safe and ongoing access to identified cultural heritage sites and areas of the landscape used for customary practices by Traditional Owners</li> <li>In collaboration with Traditional Owners and the Ngaanyatjarra Council enable safe, timely and ongoing access through OZ Minerals tenements for Ngaanyatjarra People. This will include the establishment of new access tracks, facilitating access for Ngaanyatjarra People through the Development Envelope and ensuring that Ngaanyatjarra People can expeditiously (within 60 minutes) open (or have opened for them) locked gates and areas that require access passes, if safe to do so</li> <li>Ngaanyatjarra Access Plan will be jointly drafted and implemented with the Traditional Owners and Ngaanyatjarra Council • OZ Minerals will, on request from the Ngaanyatjarra Council, facilitate access to the Development Envelope and project area for Ngaanyatjarra Council staff and Ngaanyatjarra People subject to reasonable health and safety requirements</li> <li>During closure planning, access considerations will be undertaken jointly with Traditional Owners, through the Ngaanyatjarra Council.</li> <li>Alternate tracks will be developed jointly with Traditional Owners and the Ngaanyatjarra Council to ensure that access to sites, and movement through the landscape remains as uninhibited as possible, noting that some Traditional Owners have nominated specific locations for alternative access tracks.</li> </ul>	<p>Agreed access plan with the Ngaanyatjarra People, through the Ngaanyatjarra Council, and compliance with that Plan.</p> <p>Ngaanyatjarra Access Plan to be agreed prior to the commencement of construction activities.</p>	<p>As-built track observation.</p> <p>The CHMDC will monitor the implementation of the Ngaanyatjarra Access Plan as a standing agenda item.</p>	<ul style="list-style-type: none"> <li>WMP Compliance Assessment Report</li> <li>Where breaches of management actions relating to access are identified, an incident report will be developed and communicated with the CHMDC and Ngaanyatjarra Council with agreed remedial actions (Section 3.2.7). All incidents, issues and non-compliances relating to access will be maintained in a register that will be reviewed by the CHMDC as per the CHMDC standing agenda in Section 3.3.3.</li> </ul>	<p>Compliance Status</p> <p>C</p> <p>Mining Agreement includes provision that the Company must not restrict access by Ngaanyatjarra Council to the Agreement Area except where reasonably required to ensure safety.</p> <p>A Shared Access and Road Safety Management Plan was developed and agreed between OZ and NGC in November 2022.</p> <p>In areas where previous community access tracks are not safe for use during the construction phase, alternative access routes have been agreed and graded, and commitment to restore access during the Operations phase has been made.</p> <p>Access to cultural sites was preserved during the reporting period.</p>
<b>Management Objective:</b> Avoid and minimise indirect impacts to potential cultural heritage sites				
<b>Management Action</b>	<b>Management Target</b>	<b>Monitoring</b>	<b>Reporting</b>	<b>Evidence</b>
<p>Implement the mitigation measures for indirect impacts to cultural heritage sites detailed in Table 5</p>	<p>Implementation of the indirect impact mitigation and management measures described in Table 5.</p>	<p>Review and document the status of implementation of the indirect impact mitigation measures until such time as all the committed mitigation measures have been implemented or are otherwise considered no longer relevant by the Ngaanyatjarra Council.</p>	<p>A summary of the outcomes of the review is to be provided in the WMP Compliance Assessment Report</p>	<p>Compliance Status</p> <p>C</p> <p>Compliant - refers to all mitigation measures outlined in above section</p>

Management Objective: Increase project team cultural awareness and of the requirements for cultural heritage protection at the West Musgrave Project				
Management Action	Management Target	Monitoring	Reporting	Evidence
<ul style="list-style-type: none"> <li>Develop a site induction package to all persons working on or visiting the WMP, that addresses key requirements of this CHMP, that has been developed with and agreed by the Ngaanyatjarra Council and has been recorded within the WMP document control system (Aconex or equivalent).</li> <li>Implement a site induction package that addresses key requirements of this CHMP.</li> <li>Develop a cultural awareness package that addresses key requirements of this CHMP, and other elements that contribute to cultural competency of WMP workforce that has been developed with and agreed by the Ngaanyatjarra Council and has been recorded within the WMP document control system (Aconex or equivalent).</li> <li>Implement a cultural awareness training program for all permanent workforce and regular visitors to the WMP (Note: permanent is defined for the purpose of this management plan as a person (employee or contractor) that attends site more than three times or plans to reside onsite for a period of greater than three months).</li> <li>OZ Minerals will invite Ngaanyatjarra People, through the Ngaanyatjarra Council, to deliver the cultural awareness package, and the cultural heritage aspects of the site induction package. When that invitation is accepted, OZ Minerals will pay reasonable costs for Ngaanyatjarra People or Ngaanyatjarra Council representatives to deliver these packages.</li> <li>OZ Minerals, with the Ngaanyatjarra Council, will jointly develop and implement a cultural heritage communication and information plan (unless otherwise agreed). This plan will (but not be limited to) establish points of contact and communication in the Ngaanyatjarra Council and OZ Minerals, what sort of information will be communicated and shared between OZ Minerals, the Ngaanyatjarra Council and Ngaanyatjarra People, methods and styles of communication, roles and responsibilities.</li> </ul>	<p>All project personnel remain within designated cleared areas as defined in Ngaanyatjarra Council issued cultural heritage survey reports</p> <p>Ngaanyatjarra People to be invited to participate in the delivery of the heritage management aspects of site inductions, cultural awareness training and deliver those aspects of the induction and the cultural awareness training (subject to fair and reasonable commercial terms). Cultural awareness program to commence prior to the commencement of operations All permanent workforce and regular visitors to the WMP receive cultural awareness training and cultural induction</p> <p>Build cultural awareness within project personnel</p> <p>No breaches of the CHMP</p>	<ul style="list-style-type: none"> <li>Induction records confirm that all personnel are inducted prior to the commencement of site-based work, for all persons attending the WMP.</li> <li>Training records confirm that all permanent workforce, which includes employees, contractors, and sub-contractors associated with the WMP have undertaken the cultural awareness training program within six (6) months of commencement of employment at WMP.</li> </ul> <p>Note: permanent is defined for the purpose of this management plan as a person that attends site more than three times or plans to reside onsite for a period of greater than three months.</p>	<ul style="list-style-type: none"> <li>A summary of the number of people who have undertaken site inductions and the cultural awareness training will be provided in the WMP Compliance Assessment Report</li> <li>A summary of the number of people who are eligible to undertake site inductions and the cultural awareness training, relative to the number of people who have undertaken the inductions and training will be provided to Ngaanyatjarra Council on a quarterly basis or as reasonably requested.</li> </ul>	<p>Cultural Induction Program sighted 26/06/23. This has been developed by OZ in absence of completed induction program developed by NGC. All employees, contractors and visitors are required to complete prior to allowance to work on site.</p> <p>Register of participation in inductions sighted 26/06/23. 808 people have completed the induction. All people who attend the site have undertaken the induction.</p> <p>Cultural awareness training program developed by NGC. Implementation involves conduct of 1-day Bush Trips guided by community members of NGC for the OZ workforce. Three Bush Trips have been conducted to date with 30 OZ people and 60 Ngaanyatjarra people having attended to date. Senior leadership has been prioritised for attendance and those that have completed the training include the Project Executive, Project Director, Deputy Project Director, General Manager, Commercial Director, Construction Director, Asset President, Head of Finance, and a range of senior managers and managers. A register of participants is maintained. Four further Bush Trips are stated as being planned for this year, and attendance of leaders and supervisors will be prioritised. The number of people completing the training depends on NGC availability to conduct the training.</p> <p>Cultural heritage induction module sighted 26/06/23.</p> <p>Chance find and awareness training program powerpoint presentation - sighted 16/06/23.</p> <p>Mining Agreement provides for compensation of NGC personnel to develop and deliver training materials. NGC paid as per the Mining Agreement, provisions</p> <p>OZ have developed a Stakeholder Engagement Plan (MM-0000-CRL-PLN-004), Sighted 4/08/23. This matches the intent of the cultural heritage communication and information plan.</p>



<b>Management Objective:</b> Provide a mechanism to allow for community feedback relating to any issues, complaints and grievances					
<b>Management Action</b>	<b>Management Target</b>	<b>Monitoring</b>	<b>Reporting</b>	<b>Compliance Status</b>	<b>Evidence</b>
An issues, complaints and grievance system shall be developed to assist with documenting, investigating and responding to complaints made by community groups and stakeholders, and all stakeholder issues and concerns will be proactively addressed	To acknowledge receipt of any feedback within two days of receiving the feedback.  To provide a response within two weeks to the community group or stakeholder providing the feedback.	The CHMDC will review the issues, complaints and grievance system as a standing agenda item.	A summary of the outcomes of the review is to be provided in the WMP Compliance Assessment Report.	C	The Mining Agreement specifies a SEP is required to be prepared and this is to include a description of the grievance mechanism in relation to cultural heritage.  Grievance Procedure (WM-0000-PROC-0001) has been drafted. Sighted 4/08/23.  Incidents recorded and addressed in MYOSH.  Heritage Committee meetings are identified as an additional forum for raising issues.  No complaints received during the reporting period related to cultural heritage.

## **APPENDIX 3: AUDIT FINDINGS FOR FVMP IMPLEMENTATION**

Flora and Vegetation Management Plan (2023) Audit Table

FVMP Reference	Element	Requirements	Compliance Status	Evidence
1.4.3	<b>Management Approach</b> <b>Table 7: Minimisation Measures for Direct Impacts to Priority Flora</b>	A considerable effort has been made to reorient and reduce the size of Development Envelope to avoid impacts to environmental values. This has included a reduction of the Development Envelope from 25,200 ha to 21,679 ha (13.3 percent reduction), and of the disturbance footprint from 3,961 ha to 3,830 ha resulting in the exclusion of some significant species Project footprint will be designed to avoid priority and significant flora populations where possible	C	Clearing is less than the approved amount and is all within the approved Development Envelope.
			C	Records of Priority flora locations have been entered into project GIS system. PDF map sighted 20/06/23. Construction - Land Access and Disturbance Procedure - original dated 21/09/23, current version issued for use 20 March 2023. This requires consideration of presence of priority flora as part of authorisation process. Priority flora is recorded in GIS system and no Priority flora species have been cleared to date.
		Clear demarcation would be erected around Priority 1 species where possible, including <i>Aerictophyton anomalum</i>	C	LADP map showing quarterly land disturbance and exclusion zones - sighted 06/06/2023. LADP map of central mine area showing priority flora exclusion areas - sighted 06/06/23. Priority flora is recorded in GIS system and no Priority flora species have been cleared to date. LADPs issued for works on or near <i>Aerictophyton anomalum</i> populations have clear conditions to avoid, noting these works have been largely non-ground disturbing to date. Pegging program to demarcate P1 flora species scheduled to be implemented Q3 2023 and included as a condition of any LADP that involves ground disturbing works in proximity to <i>Aerictophyton anomalum</i> populations.
		Land clearing would be kept to the minimum necessary for development of the proposed project, and avoid, where possible, Priority 1 species exclusion areas	C	Construction - Land Access and Disturbance Procedure - Issued for use 20 March 2023 - sighted 29/05/23. LADP map showing quarterly land disturbance and exclusion zones - sighted 06/06/2023. Land clearing as of 31 March 2023 is 312.8 ha. No clearing has occurred within flora exclusion areas (Aerial photography and GIS records) - sighted 15/06/2023.
		Develop and implement a site-specific internal land access and disturbance procedure and associated permit to prevent clearing outside approved boundaries	C	Construction - Land Access and Disturbance Procedure - Issued for use 20/03/2023 - sighted 29/05/23. Permit tracking register viewed 22/06/2023.
		Known locations of Priority and significant flora species are included in the site's GIS database to ensure locations are avoided where possible during future activities	C	Records of Priority flora locations have been entered into project GIS system. LADP map showing quarterly land disturbance and exclusion zones - sighted 06/06/2023.
		Where practicable, land clearing would be undertaken progressively with the amount of active disturbance minimised	C	LADP map showing quarterly land disturbance and exclusion zones - sighted 06/06/2023. Land clearing as of 31 March 2023 is 312.8 ha.
		Existing disturbed areas would be used wherever possible to minimise total ground disturbance	C	Disturbed areas limited to those disturbed during exploration and implementation studies. Exploration camp and other infrastructure being used where practicable. Existing roads and tracks being used where practicable. Existing bore pads to be used where practicable
		The site induction program would provide information on priority species, exclusion zones and ground disturbance authorisation procedures	C	Site induction contains relevant information on priority species - sighted 26/06/2023.
		Progressive rehabilitation would be undertaken on disturbed areas as they become available	NR	Site in construction phase during reporting period.
		Topsoil and vegetation (including woody debris) would be re-spread over rehabilitated areas to act as a seed source and to protect the soil from erosion	NA	Project in construction phase. No rehabilitation required during reporting period.
		Local provenance seed and propagated material would be used, if required, to rehabilitate disturbed areas	NR	Site in construction phase during reporting period.

FVMP Reference	Element	Requirements	Compliance Status	Evidence
1.4.3	<p><b>Management Approach</b></p> <p><b>Table 8: Minimisation Measures for Indirect Impacts to Priority Flora</b></p>	<p>Firefighting equipment would be located on site and emergency personnel would be trained in fire response</p>	C	<p>ERT for construction phase has been formed. Team including facilities and equipment is in a development stage consistent with the construction phase of the Project.</p> <p>ERT training schedule includes fire and rescue - sighted 06/06/23. Training has commenced and undertaken weekly.</p> <p>Bushfire Readiness Report March 2022 includes information on fire equipment and fire awareness training requirements - sighted 26/06/23.</p> <p>Fire extinguisher register showing details of onsite Fire extinguishers including vehicles - sighted 27/06/23.</p>
		<p>Vehicles to keep to access tracks or cleared areas wherever practicable</p>	C	<p>Permit to enter and driver code of conduct - sighted 15/06/23.</p> <p>Conditions of LADP reflect this requirement with compliance reported monthly.</p>
		<p>A Hot Work Permit system would be developed and implemented</p>	C	<p>Hot Works Permit system developed. Register - sighted 29/05/23.</p>
		<p>All machinery and vehicles undertaking clearing activities would be fitted with firefighting equipment</p>	C	<p>Mobile plant mechanical check form; includes fire extinguisher fitted - sighted 06/06/23.</p> <p>Images of emergency vehicles fitted with fire equipment - sighted 27/06/23.</p> <p>Dedicated Fire truck is onsite - image sighted 26/06/23.</p> <p>Fire extinguisher register showing details of onsite fire extinguishers including vehicles - sighted 27/06/23.</p> <p>Bushfire Readiness Report dated March 2022 includes information on fire equipment and machinery requirements - sighted 26/06/23.</p>
		<p>Fire management practices would be made in consultation with the Department of Fire and Emergency Services (DFES) and the Ngaanyatjarra Council (NGC) including installation and maintaining firebreaks if required, so that potential environmental damage from extreme and out of control wildfires is minimised, and infrastructure and the community are protected throughout the life of the project</p>	C	<p>Bushfire Risk Assessment and Management Report - sighted 06/06/23.</p> <p>Bushfire Attack Level Report (consulted with DFES) - sighted 06/06/23.</p> <p>Bushfire Readiness Report March 2022 includes information on fire equipment and machinery requirements - sighted 26/06/23.</p> <p>Emails with DFES regarding hot work activities, exemptions and hazard burning - sighted 26/06/23.</p> <p>Local Emergency Management Arrangements Report, NGC five-year review. Contains fire management - sighted 27/06/23.</p> <p>One fire break installed to date. NGC Cultural Heritage Permit to Work on WMP Camp Firebreak - sighted 26/06/23.</p>
		<p>The project site induction would include information on prevention and management of fires</p>	C	<p>Site induction contains relevant information - sighted 20/06/23.</p>
		<p>A vehicle hygiene procedure would be implemented for vehicles and equipment coming on to, or returning to, the site for earthmoving</p>	C	<p>Weed hygiene inspection forms - sighted 30/05/23.</p> <p>Biosecurity Register sighted 29/5/23. 234 inspections completed during reporting period.</p>



FVMP Reference	Element	Requirements	Compliance Status	Evidence
		Weed control would be implemented on areas to be disturbed for infrastructure	<b>C</b>	Baseline weed survey conducted prior to construction commencement (October 2022), was out of specified period. Early survey found weeds were largely located on pre-disturbed areas (roads, access tracks, accommodation village) Two weed species were encountered during the field assessment. These included 266 locations with an estimated 4,661 records of <i>Cenchrus ciliaris</i> (Buffel Grass), and one location represented by 1 plant of <i>Tribulus terrestris</i> (Calltrop). "Unfortunately, the eradication of these weed species is highly unlikely given the extensive distribution both within and outside of the WMP project area. The current distribution of these weeds is primarily associated with disturbed ground along access tracks and roads, however <i>Cenchrus ciliaris</i> has been recorded broadly across the project primarily in areas that have had disturbance. These populations have been transported by the wind, camels, rabbits and humans (both from mining exploration and local vehicle movements)." Given the paucity of weeds detected in previously undisturbed areas, no weed control measures were undertaken within undisturbed areas to date prior to site development works in these locations.
		A weed control management plan would be developed to manage known weed infestations and prevent their spread	<b>C</b>	Western Botanicals completed another the baseline weed survey between 22 – 30 May 2023, the final report remains outstanding at the time of compiling this CAR. Details will be provided in the next reporting period.  A weed control program will be rolled out commencing Q3 2023 into 2024 to align with the flowering period and optimal chemical treatment window. Manual removal of Paddy Melon was undertaken during the reporting period, however chemical treatment will be conducted Feb/March 2024 to align with the flowering period. Construction Weed Management Procedure - sighted 30/05/23.
2.3.1	<b>Reporting</b> Ngaanyatjarra Council and Ngaanyatjarra People	All reporting discussed in section 2.3 of the FVMP will be made specifically available to the Ngaanyatjarra People through the Ngaanyatjarra Council, including where necessary periodic face-to-face meetings to discuss the results and outcomes of monitoring.	<b>C</b>	Targeted Weed Survey Memo dated 8 December 2022 - sighted 20/06/23. Due to timing of construction commencement (October 2022), initial baseline weed survey was out of specified period. Western Botanical completed the baseline weed survey between 22 – 30 May 2023, the final report remains outstanding at the time of compiling this CAR. Details will be provided in the next reporting period.  FVMP Rev 1 (September 2021) approved 20/04/2022. NGC provided input into the document prior to approval by EPA.  Ngaanyatjarra Council and OZs communications detailed report - sighted 19/06/23.  Communication Register - sighted 06/06/23.  OZ and NGC Environmental Meeting minutes including priority flora and clearing. Minutes include dates for Ranger team / TO's to participate in surveys – sighted 27/06/23.  Emails dated 2/05/2023 regarding hazard burning with NGC – sighted 27/06/23.
2.3.2	<b>Compliance Reporting</b>	OZ Minerals will prepare Annual Environmental Reports (AERs) to be submitted to regulatory authorities.	<b>NR</b>	First report due August 2023.
		A Compliance Assessment Report (CAR) will be submitted to the Compliance Branch at Government of Western Australia's Department of Water and Environmental Regulation (DWER) at an agreed date.	<b>C</b>	This document forms part of the first CAR due to be submitted by 20/07/2023.
3.1	<b>Management Review</b>	The FVMP will nominally be reviewed at least every three years from the date of endorsement to ensure that it reflects the current situation with regards to WMP flora management and monitoring.  The FVMP may also be reviewed should any of the following occur: <ul style="list-style-type: none"> <li>A change in conservation rating of any flora species known to occur in the project area (e.g. the addition of new species and/or an increase or decrease in the conservation rating of any species)</li> <li>The addition or change of infrastructure within WMP that has the potential to significantly change the predicted direct or indirect impacts on Priority flora species, and that was not approved within the scope of the project</li> <li>Any change in operational practices on site that has the potential to significantly change the predicted direct or indirect impacts on Priority flora species, and that was not approved within the scope of the project.</li> </ul>	<b>C</b>	No review required to date.  Review planned for H2 of 2023 to incorporate new knowledge from additional targeted flora surveys undertaken in 2022 and 2023.
			<b>NR</b>	No review required to date.

## FVMP Objective Based EMP Audit Table

Management Objective: Minimise requirements for land clearing and associated loss of priority flora species					
Key Impacts and Risks: Project-related clearance of priority flora species, resulting in a change in their conservation status					
Management Action	Management Target	Monitoring	Reporting	Compliance Status	Evidence
<ul style="list-style-type: none"> <li>Land disturbance kept to the minimum necessary for development of the project</li> <li>Develop and implement a site-specific internal clearing/disturbance procedure and associated land access and disturbance permit (LADP)</li> <li>Where practicable, land clearing undertaken progressively with the amount of active disturbance minimised</li> <li>Existing disturbed areas used wherever possible to minimise total land disturbance</li> </ul>	<ul style="list-style-type: none"> <li>Total project-related land disturbance is to be within the approved Development Envelope and not to exceed the approved area</li> <li>Disturbance of Priority flora species populations avoided wherever practicable, and otherwise minimised</li> </ul>	<ul style="list-style-type: none"> <li>Annual review of land disturbance-related survey data, and comparison with project-related land disturbance on the respective year's aerial imagery, relative to the approved area of project-related land disturbance</li> <li>Annual review of internal project-related land access and disturbance register relative to actual project-related land disturbance and LADPs</li> </ul>	<ul style="list-style-type: none"> <li>Internal project-related Land Access and Disturbance Register and LADPs</li> <li>Mining Rehabilitation Fund (MRF) annual reporting</li> <li>Annual WMP Compliance Assessment Report</li> <li>Details (locations and species) of additional priority flora species populations to be forwarded to the DBCA within 6 months of discovery</li> </ul>	C	<p>Construction - Land Access and Disturbance Procedure - Issued for use 20 March 2023 - sighted 29/05/23. This requires consideration of presence of priority flora as part of authorisation process.</p> <p>Aerial imagery of clearing - sighted 20/06/23.</p> <p>Total clearing as of 20 March 2023 is 312.8 ha.</p> <p>Review of aerial photography and project GIS records demonstrates all clearing is within the approved Development Envelope.</p> <p>Priority flora locations are recorded in the Project GIS system. No Priority flora species have been cleared to date.</p>
Management Objective: Minimise project-related indirect impacts to priority flora species					
Key Impacts and Risks: Loss of, or degradation of, vegetation condition due to project-related indirect impacts from altered fire regimes					
Management Action	Management Target	Monitoring	Reporting	Compliance Status	Evidence
<ul style="list-style-type: none"> <li>Develop and maintain a Fire Mitigation Plan and incorporate into the Asset Emergency Management Plan</li> <li>Install and maintain fire extinguishers and firefighting equipment in the project area and on site to relevant Australian Standards</li> <li>Install and maintain firefighting equipment in machinery and vehicles undertaking land disturbance activities</li> <li>Project emergency response personnel trained in fire and bushfire response</li> <li>Vehicles kept to access tracks or cleared areas</li> <li>Develop and implement a Hot Work Permit system</li> <li>Fire management practices developed in consultation with WA Department of Fire and Emergency Services (DFES), and the Ngaanyajarra Council, including installation and maintenance of firebreaks if required</li> <li>Site induction to include information on prevention, management and response to fires</li> </ul>	<ul style="list-style-type: none"> <li>No unplanned fires attributable to project-related activities</li> <li>To minimise the potential environmental damage from project-related extreme or out-of-control wildfires</li> </ul>	<ul style="list-style-type: none"> <li>Quarterly emergency response equipment inspections relative to relevant Australian Standards</li> <li>Annual fire response training exercise including wildlife response</li> <li>Annual review of fire break development for evidence of adequate installation and maintenance</li> </ul>	<ul style="list-style-type: none"> <li>Internal incident reports</li> <li>Internal project-related Land Access and Disturbance Register and LADPs</li> <li>Hot Work Permit register</li> <li>Induction and training records</li> <li>Annual WMP Compliance Assessment Report</li> </ul>	C	<p>Two minor and contained unplanned fires attributable to project activities have occurred. Incidents have been recorded and reported. MYOSHI incident reporting screen shots - sighted 27/06/23. Fires contained and did not result in adverse environmental impacts.</p> <p>Hot Works Permit system established. Register sighted 29/05/23.</p> <p>ERT for construction phase has been formed. Team including facilities and equipment is in a development stage consistent with the construction phase of the Project.</p> <p>Bushfire Readiness Report March 2022 includes information on fire equipment, machinery requirements, training and compliance - sighted 26/06/23.</p> <p>Emergency Response Plan - sighted 20/06/23.</p> <p>ERT training schedule includes fire and rescue - sighted 06/06/23. Training has commenced and undertaken weekly.</p> <p>Firebreak has been established around the perimeter of the accommodation camp. Aerial image sighted 15/06/23.</p> <p>Mobile plant mechanical check form, includes fire extinguisher fitted - sighted 06/06/23.</p> <p>Bushfire Risk Assessment and Management Report - sighted 06/06/23.</p> <p>Information on prevention and response to fires contained in Induction material. PDF sighted 20/06/23.</p> <p>Emails with DFES regarding hot work activities, exemptions and hazard burning - sighted 26/06/23.</p> <p>Bushfire Attack Level report and emails consulting with DFES - sighted 06/06/23.</p> <p>Local Emergency Management Arrangements Report, NCG five-year review. Contains fire management - sighted 27/06/23.</p> <p>Fire extinguisher register showing details of onsite fire extinguishers including vehicles - sighted 27/06/23. Images of emergency vehicles fitted with fire equipment - sighted 27/06/23.</p>

<b>Management Objective:</b> Minimise project-related indirect impacts to priority flora species					
<b>Key Impacts and Risks:</b> Loss of, or degradation of, vegetation condition due to project-related indirect impacts from increased abundance and or diversity of weeds					
<b>Management Action</b>	<b>Management Target</b>	<b>Monitoring</b>	<b>Reporting</b>	<b>Compliance Status</b>	<b>Evidence</b>
<ul style="list-style-type: none"> <li>Vehicle hygiene procedure implemented for vehicles and equipment coming on to, or returning to, the site for earthmoving</li> <li>Weed control implemented on all project-related areas of disturbance</li> <li>Develop and implement a Weed Control Management Plan to manage known weed infestations and control spread</li> </ul>	<ul style="list-style-type: none"> <li>No vehicles or equipment brought to site without being cleaned of soil and vegetative matter</li> <li>No new Declared pest species listed under Section 22 of the <i>Biosecurity and Agriculture Management Act, 2007</i> (WA), <i>Weeds of National Significance</i> (see <a href="https://weeds.org.au/">https://weeds.org.au/</a>) and weeds listed on DBCA's 'Goldfields Impact and Invasiveness Ratings List', become established within project-related disturbed areas</li> <li>No increases to weed species' diversity or abundance due to project-related activities</li> </ul>	<ul style="list-style-type: none"> <li>Quarterly review of vehicle and equipment hygiene inspection records</li> <li>Annual review of site-wide weed inspection records in disturbance areas</li> </ul>	<ul style="list-style-type: none"> <li>Incident reports</li> <li>Weed register</li> <li>Workplace inspection reports</li> <li>Annual WMP Compliance Assessment Report which will include: <ul style="list-style-type: none"> <li>Details of any new weeds identified</li> <li>Details on the success of control actions</li> </ul> </li> </ul>	<b>C</b>	<p>Construction Weed Management Procedure - Sighted 30/05/23.</p> <p>Weed hygiene inspection forms - sighted 30/05/23.</p> <p>Biosecurity Inspection Register - sighted 29/05/23. 234 inspections completed during reporting period.</p> <p>Targeted Weed Survey Memo dated 8 December 2022 - sighted 20/06/23. Baseline survey outside of target period due to timing of construction commencement (October 2022). Western Botanical completed the baseline weed survey between 22 - 30 May 2023, the final report remains outstanding at the time of compiling this CAR. Details will be provided in the next reporting period.</p>

Weed Monitoring Audit Table

Phase	Location	Frequency	Survey Method	Compliance Status	Evidence
Prior to Construction	Main Development Area and along infrastructure corridors (Northern Access Road and Northern Borefield). Main focus of baseline will include drainage lines, areas where water accumulates, roadsides	One-off (March to June)	<p>Targeted Weed Survey Monitoring will include:</p> <ul style="list-style-type: none"> <li>Date and time of monitoring</li> <li>Weed species observed at specific locations within the Development Envelope (a visual guide will be available for identification of previously recorded Declared and introduced species), GPS location of any species not previously identified and not present within the visual guide</li> <li>Estimate number of plants at each location</li> <li>Reproductive status of weed if possible (e.g. flowering, non-flowering, seed set, seeding, condition)</li> </ul> <p>Results of baseline targeted weed survey will be used to determine appropriate quadrats for ongoing monitoring activities</p>	C	<p>Construction Weed Management Procedure - sighted 30/05/23</p> <p>Targeted Weed Survey Memo dated 8 December 2022, shows the weed species and their known locations - sighted 20/06/23. Baseline survey outside of target period due to timing of construction commencement (October 2022), Western Botanical completed the baseline weed survey between 22 – 30 May 2023, the final report remains outstanding at the time of compiling this CAR. Details will be provided in the next reporting period.</p>
Construction and Operation	<p>Sites to be selected as an output of No.1, nominally, these locations may include:</p> <ul style="list-style-type: none"> <li>Reference site between Mantamaru and Papulantukija communities</li> <li>Along Northern Access Road</li> <li>WMP camp and spray field area</li> <li>Adjacent WMP processing plant</li> <li>WMP WRDs</li> <li>Northern Borefield alignment</li> </ul>	Annually (March to June, preferably within 6 to 8 weeks of rainfall)	<p>Targeted annual surveys of high-risk areas as identified as an output of No.1. The survey will include assessment of at least six permanent 50 m x 50 m quadrats (marked with metal stakes and flagging tape) which will be established at each of the locations as identified in the Targeted Weed Survey detailed above (No. 1). The following details will be collected at each location:</p> <ul style="list-style-type: none"> <li>Date and time of monitoring</li> <li>Weed species observed at specific locations within the Development Envelope (a visual guide will be available for identification of previously recorded Declared and introduced species), GPS location of any species not previously identified and not present within the visual guide</li> <li>Estimate number of plants at each location</li> <li>Reproductive status of weed if possible (e.g. flowering, non-flowering, seed set, seeding, condition)</li> <li>Observations relevant to the presence of the new species (i.e. proximity to roads, water sources)</li> <li>Any control actions taken (i.e. manual removal, spraying etc.)</li> </ul>	C	<p>Construction Weed Management Procedure - sighted 30/05/23.</p> <p>Targeted Weed Survey Memo dated 8 December 2022, shows locations of identified weed species and target areas - sighted 20/06/23.</p> <p>Western Botanical completed the baseline weed survey between 22 – 30 May 2023, the final report remains outstanding at the time of compiling this CAR. Details will be provided in the next reporting period.</p>
Construction and Operation	Main Development Area and along infrastructure corridors (Northern Access Road and Northern Borefield). Main focus of baseline will include drainage lines, areas where water accumulates, roadsides	Every five years (March to June, preferably within 6 to 8 weeks of rainfall)	<p>Targeted Weed Surveys as detailed in No.1.</p>	C	<p>Project is in early construction phase. Construction Weed Management Procedure - sighted 30/05/23.</p> <p>Baseline survey outside of target period due to timing of construction commencement (October 2022), Western Botanical Completed the baseline weed survey between 22 – 30 May 2023, the final report remains outstanding at the time of compiling this CAR. Details will be provided in the next reporting period.</p>

## **APPENDIX 4: AUDIT FINDINGS FOR GMMP IMPLEMENTATION**

**Groundwater Monitoring and Management Plan (2023) Audit Table**

FVMP Reference	Element	Requirements	Compliance Status	Evidence
2.6.1	<b>Reporting to Ngaanyatjarra Council and Ngaanyatjarra People</b>	All reporting discussed in this section will be made specifically available to the Ngaanyatjarra People through the Ngaanyatjarra Council, including where necessary periodic face-to-face meetings to discuss the results and outcomes of monitoring. The Ngaanyatjarra Council will be made aware of any trigger or threshold exceedances within 48 hours of OZ Minerals becoming aware of them.	<b>NR</b>	No reporting required to regulatory authorities during the reporting period. Groundwater abstraction for the Project has been limited during early construction phase (0.3% of 7.5 GL/yr allocation). No exceedances of trigger or threshold values has occurred.
2.6.3	<b>Annual and Triannual Aquifer Review</b>	OZ Minerals will prepare annual and triennial (every three years) groundwater monitoring and management reports for submission to DWER (Swan-Avon Region). The annual and triennial groundwater monitoring and management reports will comply with Operational Policy No. 5.12 – Hydrogeological reporting associated with a groundwater well licence (DoW, 2009). The reports will include an assessment of compliance with the GMMP and may include recommendations for changes to the water management system to maintain compliance with the GMMP.	<b>C</b>	Report prepared by EMM submitted to DWER for 2022 calendar year. Report and DWER letter acknowledging receipt of report dated 4/04/2023 was sighted 26/06/23.
2.6.4	<b>Reporting of Potential Non-Compliance</b>	In the event that monitoring, tests, surveys or investigations indicate an exceedance of a threshold criteria, OZ Minerals will report in accordance with the requirements of the relevant Ministerial Statement Condition(s).	<b>NR</b>	
3.1	<b>Management Plan Review</b>	This GMMP will nominally be reviewed at least every three years from the date of endorsement to ensure that it reflects the then-current situation with regards to groundwater monitoring and management. This GMMP may also be reviewed should any of the following occur: <ul style="list-style-type: none"> <li>As and when directed by the CEO, including (if directed) in consultation with the Ngaanyatjarra Council, as per Condition 4-6(2) of the Ministerial Statement 1188 (20 April 2022).</li> <li>The addition or change of infrastructure within the project that has the potential to significantly change the predicted direct or indirect impacts related to groundwater, that was not approved as a part of the project and would require regulatory approval (e.g. the construction of an additional TSF or WRD, the addition of new dewatering or borefield infrastructure).</li> <li>Any change in operational practices on site that has the potential to significantly change the predicted direct or indirect impacts related to groundwater, and that was not approved as a part of the project and would require regulatory approval (e.g. an increase in abstraction rate, a change in the construction or operational methodologies associated with the TSF or WRD).</li> <li>A change in understanding, status, nature or scale of potential GDEs and/or beneficial users related to this GMMP (e.g. the addition of new third-party groundwater users, identification of additional plant species dependent on groundwater and/or a further understanding of the EWRs and EWRs (WRC, 2000) related to existing identified GDEs).</li> </ul> Any changes to this GMMP may require approval from EPA and may involve consultation with relevant stakeholders.	<b>NR</b>	No review required at this time.



Terrestrial Groundwater Dependant Ecosystem Uncertainty Studies EMP Audit Table - Table 8

Uncertainty	Management Actions	Monitoring	Timings	Compliance Status	Evidence
<p><b>Objective:</b> To maintain the hydrological regimes and quality of groundwater...so that environmental values are protected</p> <p><b>Key Environmental Values:</b> Ecosystem health of potential groundwater dependent terrestrial vegetation and beneficial use of groundwater</p> <p><b>Key Impacts and Risks:</b></p> <ul style="list-style-type: none"> <li>Change to groundwater quality and quantity adversely impacts beneficial use and ecosystem health. The changes may arise due to:                             <ul style="list-style-type: none"> <li>Groundwater drawdown associated with groundwater supply development and mine dewatering</li> <li>Evaporative losses of groundwater from final pit voids, and interaction between pit void(s) and groundwater</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Monitor rates of drawdown from bores located near to abstraction sites (inside of borefield) and mine area groundwater contours against end of operations hydrographs to confirm that predicted water table drawdown is not significantly different than predicted. Note: where rates of drawdown across the monitoring network are significantly different to those modelled across hydrographs a revision of the hydrogeology model will be triggered to confirm any potential deviation in groundwater contours against existing predictions (as presented herein).</li> <li>Map and report previously unmapped potential terrestrial GDE associations within the 2 m water table drawdown contours, the 0.5 m water table drawdown contours in proximity to natural resource priority areas in the vicinity of Cavanagh Range/Linton Bore and in any other priority areas as agreed between the Ngaanyatjarra Council and OZ Minerals. (this may require reliance on the use of high-resolution imagery).</li> <li>The Ngaanyatjarra Ranger Team will be invited to participate in any on ground flora and vegetation survey activities (subject to fair and reasonable commercial terms)</li> </ul>	<ul style="list-style-type: none"> <li>Water levels at mine monitoring bores MMB-05 to MMB-08 using transducer, dipping or similar.</li> <li>Water levels at borefield monitoring bores BMB-06a to BMB-09a and BMB-06b to BMB-09b using transducer, dipping or similar.</li> <li>Vegetation mapping using high-resolution aerial imagery, and where necessary, and where access allows, ground truthing using the establishment of vegetation survey quadrats.</li> </ul>	<ul style="list-style-type: none"> <li>Monthly monitoring of water levels for the first two years of operation or until stabilisation has been reached and the drawdown contours are behaving consistently with hydrographs.</li> <li>Review against hydrographs to occur quarterly.</li> <li>Confirmation of whether hydrogeology model updates are needed will occur following the collection of 12 months of data.</li> <li>Prior to the commencement of mine dewatering and borefield abstraction.</li> </ul>	<p>NR</p>	<p>Project in early construction stage. Mine dewatering infrastructure and Northern Borefield yet to be established.</p>
<p><b>Uncertainty 1:</b> The hydrogeological numerical model has been informed by data collected from 20 groundwater test bores, a program of geological drilling and geophysical methods. Uncertainty is inherent in most hydrogeological models and will be further refined as part of ongoing geophysical test work, model refinements, and through the adaptive management of the borefield during the project operations, in particular assessing borefield predictions against hydrographs to confirm that the borefield is behaving as predicted.</p> <p><b>Uncertainty 2:</b> While flora and vegetation surveys have been undertaken in much of the area encompassing the predicted 2 m drawdown contour, some areas remain unsurveyed largely due to cultural heritage access restrictions. As a result, there may be some additional areas of potential terrestrial GDEs that remain unsurveyed within the predicted drawdown contours.</p>	<ul style="list-style-type: none"> <li>Undertake field-based terrestrial GDE assessments to identify the degree of groundwater dependence (if any) of key plant species within vegetation associations and mosaics identified as possible terrestrial GDEs to determine environmental water requirements.</li> <li>Field-based terrestrial GDE assessments of a stand of Desert Oaks (<i>Allocasuarina decussirreana</i>) known as Exclusion Zone 2, 7.6 km from the main development area (outside all known drawdown contours).</li> <li>Invite the Ngaanyatjarra Council (and their associated specialists) to be involved in the scoping of terrestrial GDE assessments.</li> <li>The Ngaanyatjarra Ranger Team will be invited to participate in any field-based terrestrial GDE survey activities (subject to fair and reasonable commercial terms)</li> </ul>	<p>Conduct the following analysis on a minimum of 10 potential terrestrial GDE trees (or as otherwise agreed with EPA or an appropriately qualified ecohydrology specialist) within each identified potential terrestrial GDE:</p> <ul style="list-style-type: none"> <li>Leaf water potential (LWP) measurements</li> <li>Stand/stem basal area calculation</li> <li>Measure isotopic composition of groundwater, soil water and plant (xylem) water</li> </ul>	<ul style="list-style-type: none"> <li>Prior to the commencement of mine dewatering and borefield abstraction.</li> </ul>	<p>C</p>	<p>Project in early construction stage. Mine dewatering infrastructure and Northern Borefield yet to be established.</p> <p>GDE remote sensing assessment undertaken by AQ2. Report dated 23 December 2021 has been sighted. Assessment found there was no strong evidence to support classification of most of the vegetation types identified previously as GDE's. One site was recommended for further investigation using on-ground methods.</p> <p>No ground truthing undertaken as part of aerial imagery assessment.</p>
<p><b>Uncertainty 3:</b> The terrestrial GDE assessment has relied on literature, remote-sensing imagery, and professional judgement to identify vegetation associations/mosaics that may represent terrestrial GDEs that could be impacted by the project. Field studies (e.g. measurements of leaf water potentials, etc) could supplement this data to further reduce uncertainty.</p>	<ul style="list-style-type: none"> <li>Undertake field-based terrestrial GDE assessments to identify the degree of groundwater dependence (if any) of key plant species within vegetation associations and mosaics identified as possible terrestrial GDEs to determine environmental water requirements.</li> <li>Field-based terrestrial GDE assessments of a stand of Desert Oaks (<i>Allocasuarina decussirreana</i>) known as Exclusion Zone 2, 7.6 km from the main development area (outside all known drawdown contours).</li> <li>Invite the Ngaanyatjarra Council (and their associated specialists) to be involved in the scoping of terrestrial GDE assessments.</li> <li>The Ngaanyatjarra Ranger Team will be invited to participate in any field-based terrestrial GDE survey activities (subject to fair and reasonable commercial terms)</li> </ul>	<p>Conduct the following analysis on a minimum of 10 potential terrestrial GDE trees (or as otherwise agreed with EPA or an appropriately qualified ecohydrology specialist) within each identified potential terrestrial GDE:</p> <ul style="list-style-type: none"> <li>Leaf water potential (LWP) measurements</li> <li>Stand/stem basal area calculation</li> <li>Measure isotopic composition of groundwater, soil water and plant (xylem) water</li> </ul>	<ul style="list-style-type: none"> <li>Prior to the commencement of mine dewatering and borefield abstraction.</li> </ul>	<p>C</p>	<p>GDE investigation undertaken by AQ2. Memo sighted dated 28/10/2022. Study included measurement of leaf water potential of 60 trees from 7 locations. Sap wood thickness was measured in 22 trees. Leaf area and Huber values measured for 28 trees. Examination of calcrete and silcrete layers and drilling core was included in the field work component. Results of the assessment indicated that vegetation in the Project area is unlikely to be accessing groundwater (negative leaf potential water measurements, evidence of historical drought stress and adaptive mechanisms for this, and evidence of root impeding layers including massive silcrete in subsols).</p> <p>Ecohydrological conceptual modelling assessment undertaken by AQ2. Draft report dated June 2023 was sighted on 26/06/23. This involved development of an associated numerical water balance model to enable further evaluation of vegetation ecological water requirements. Assessment concluded that it is highly likely vegetation in the Project area does not have a connection with groundwater, owing to the presence of massive silcrete above the water table that is impenetrable to plant roots. Impeded percolation through the vadose zone results in minimal groundwater recharge, as supported by bore hydrograph data. The vegetation of the Project area is subject to a boom and bust ecological dynamic involving regular periods of drought stress. Visual indicators suggest canopy dieback, and occasional tree deaths are common</p>

Uncertainty	Management Actions	Monitoring	Timings	Compliance Status	Evidence
<p><b>Objective:</b> To maintain the hydrological regimes and quality of groundwater...so that environmental values are protected</p> <p><b>Key Environmental Values:</b> Ecosystem health of potential groundwater dependent terrestrial vegetation and beneficial use of groundwater</p> <p><b>Key Impacts and Risks:</b></p> <ul style="list-style-type: none"> <li>• Change to groundwater quality and quantity adversely impacts beneficial use and ecosystem health. The changes may arise due to: <ul style="list-style-type: none"> <li>○ Groundwater drawdown associated with groundwater supply development and mine dewatering</li> <li>○ Evaporative losses of groundwater from final pit voids, and interaction between pit void(s) and groundwater</li> </ul> </li> </ul>					
<p><b>Uncertainty 4:</b> Further studies, coupled with ongoing monitoring, is required to better understand the tolerance of terrestrial GDEs to water table drawdown, and thereby inform the EWP required to sustain ecosystem function. This work would support the setting of site-specific criteria for EWPs.</p> <p>Note: ongoing assessment of EWP would only be required should the baseline assessment (detailed in Uncertainty 3) confirm that identified potential terrestrial GDE associations, are groundwater dependent.</p>	<ul style="list-style-type: none"> <li>• Assess environmental water requirements of potential terrestrial GDEs and quantify suitable EWPs for all identified terrestrial GDEs identified within the impacted area (i.e. within the 2 m drawdown contour).</li> <li>• Based on these studies refine water table drawdown and groundwater quality EWP that are considered protective of ecosystem health and update trigger criteria, threshold criteria and management within this GMMP as required. The Ngaanyatjarra Council will be invited to comment on the establishment of site-specific criteria for GDE EWPs</li> <li>• The Ngaanyatjarra Ranger Team will be invited to participate in any field-based terrestrial GDE survey activities (subject to fair and reasonable commercial terms)</li> </ul>	<p>Undertake ongoing seasonal monitoring, for a period adequate to reduce uncertainty, comprising:</p> <ul style="list-style-type: none"> <li>• LWP</li> <li>• Water table depth (continuous data collection using a transducer or similar)</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing seasonal monitoring to be undertaken quarterly following the commencement of mine dewatering and borefield abstraction.</li> </ul>	NR	<p>during prolonged drought phases. Recruitment is likely to be associated with infrequent, wetter climate sequences. Leaf water potential measurements show that most of the major tree and shrub species (Acacia spp, mallee Eucalyptus spp., Melaleuca spp) have an anisohydric water use strategy involving high tolerance of drought conditions. The most likely water source supporting the scattered <i>Corymbia opaca</i> trees in the landscape is water that accumulates via infiltration in localised depressions and/or is captured in vugs near the calcrete/silcrete interface. It appears that this species occupies an edaphic niche, being deeper soil pockets on the calcrete plains that receive localised runoff.</p> <p>Further work is planned for the next CAR reporting period to verify GDE status of <i>C. opaca</i>, the outcome of which will likely trigger a review of both the FVMP and GMMP.</p> <p>Section 2.3.3 of June 2023 AQ2 report documents engagement with Traditional Owners on 6/09/22. The Work program was discussed, and no objections raised.</p> <p>Studies from 2021-2023 indicate GDE's are not present within the landscape.</p>



Outcomes Based EMP for Groundwater - Table 12

Uncertainty	Criteria	Monitor	Frequency	Reporting	Compliance Status	Evidence
<p><b>Key Environmental Values:</b> Ecosystem health of potential groundwater dependent terrestrial vegetation and beneficial use of groundwater</p> <p><b>Key Impacts and Risks:</b></p> <ul style="list-style-type: none"> <li>Change to groundwater quality and quantity adversely impacts beneficial use and ecosystem health. The changes may arise due to: <ul style="list-style-type: none"> <li>Groundwater drawdown associated with groundwater supply development and mine dewatering</li> <li>Evaporative losses of groundwater from final pit voids, and interaction between pit void(s) and groundwater</li> <li>Seepage from mine waste landforms (TSF and WRDs)</li> <li>Release of water or hazardous materials from potential contaminant sources (including WRDs, TSF, hazardous goods storage areas and equipment)</li> </ul> </li> </ul>	<p><b>Trigger Criteria:</b></p> <ul style="list-style-type: none"> <li>68% of the predicted drawdown at 2 m water table drawdown contour, and/or a reference site near Jameson over two consecutive monitoring events</li> <li>Monitoring bores within drawdown contours (inside of borefield and mine area groundwater contours) against end of operations hydrographs to confirm that predicted water table drawdown is not significantly different than predicted. Note: where rates of drawdown across the monitoring network are significantly different to those modelled in hydrographs a review or revision of the hydrogeology model will be triggered to confirm any potential deviation in groundwater contours against existing predictions (as presented herein).</li> </ul> <p><b>Threshold Criteria:</b></p> <ul style="list-style-type: none"> <li>Equal to the predicted drawdown at 2 m water table drawdown contour and/or a reference site near Jameson at any single monitoring event, and subsequent investigations determine that the impacts are likely a result of the implementation of the proposal</li> </ul>	<ul style="list-style-type: none"> <li><b>Indicator:</b> Groundwater levels</li> <li><b>Method:</b> Field collection or automation of groundwater level using a transducer or manual dipping. EC and pH would also be collected.</li> <li><b>Location (Figure 6):</b> <ul style="list-style-type: none"> <li>Monitoring bores at the 2 m water table drawdown contour:</li> <li>Mine: MMB-01 to MMB-04</li> <li>Northern Borefield: BMB-01 to BMB-04 and BMB-06a)</li> <li>Near Jameson: CMB-01</li> <li>Control sites: CMB-01 to CMB-04</li> <li>Monitoring Bores within the drawdown contours used to confirm accuracy of drawdown predictions:</li> <li>Mine: MMB-05 to MMB-08</li> <li>Borefield: BMB-06a to BMB-09a and BMB-06b to BMB-09b</li> </ul> </li> <li>The Ngaanyatjarra Ranger Team will be invited to participate in any field-based water monitoring activities (subject to fair and reasonable commercial terms)</li> </ul>	<p>Monthly data collection.</p> <p>A review of this frequency will occur on an annual basis</p> <p>Quarterly review of drawdown against hydrographs</p> <p>Determination of whether hydrogeology model update is required will occur at the end of 12 months of data collection.</p>	<ul style="list-style-type: none"> <li>Annual compliance assessment report (if the Plan is conditioned under the EP Act) (DWER – Compliance Branch)</li> <li>Annual Aquifer Assessment Report (DWER – Swan-Avon Region)</li> <li>Triennial (every three years) Aquifer Review (DWER – Swan Avon Region)</li> </ul>	C	<p>Northern Borefield has not been constructed and mine dewatering has not commenced during reporting period.</p> <p>Groundwater monitoring has been implemented:</p> <ul style="list-style-type: none"> <li>GW field sheets - sighted 19/06/23</li> <li>GW auto troll data - sighted 19/06/23</li> <li>GW COCs - sighted 19/06/23</li> </ul> <p>Groundwater monitoring limited to areas where OZ has secured access from NGC via the Permit to Work process. During the reporting period none of the existing GMMMP monitoring wells were located within an approved Permit to Work.</p> <p>Monitoring of groundwater confined to existing production and observation wells detailed within the Groundwater Operating Strategy. All monitoring activities were conducted by OZ personnel. Ranger program has not been developed as yet. OZ communicated intention was to involve Rangers/TO's during next reporting period.</p>
<p><b>Outcome 1:</b> Groundwater management infrastructure operates as per design to minimise adverse impacts to environmental values</p>	<p><b>Trigger Criteria:</b></p> <ul style="list-style-type: none"> <li>68% of the predicted 1 m drawdown at a monitoring bore adjacent to Linton Bore over two consecutive monitoring events (in comparison to a reference bore).</li> <li>And/or rate of drawdown at Linton Bore is greater than 0.1 m/year (over and above natural variation) over a 12-month period.</li> </ul> <p><b>Threshold Criteria:</b></p> <ul style="list-style-type: none"> <li>Equal to the predicted 1 m water table drawdown at a monitoring bore adjacent to Linton Bore at any single monitoring event (in comparison to a reference bore); and subsequent investigations determine that the impacts are likely a result of the implementation of the proposal</li> <li>And/or rate of drawdown at a site adjacent to Linton Bore is greater than 0.2 m/year (over and above natural variation) over a 12-month period.</li> </ul>	<ul style="list-style-type: none"> <li><b>Indicator:</b> Groundwater levels and hydrograph</li> <li><b>Method:</b> Field collection or automation of groundwater level using a transducer or manual dipping. EC and pH would also be collected.</li> <li><b>Location (Figure 6):</b> <ul style="list-style-type: none"> <li>Monitoring bores near Linton Bore (BMB-00)</li> <li>Control sites: CMB-01 to CMB-04</li> </ul> </li> <li>The Ngaanyatjarra Ranger Team will be invited to participate in any field-based water monitoring activities (subject to fair and reasonable commercial terms)</li> </ul>	<p>Monthly data collection</p> <p>A review of this frequency will occur on an annual basis</p> <p>Quarterly review of drawdown against hydrographs</p>	<p>Monitoring not able to be undertaken as land access for installation of monitoring bores to monitor impacts on Linton Bore due to cultural sensitivity concerns as per comms with NGC.</p> <p>Abstraction for the Project has been limited during early construction phase (0.3% of 7.5 GL/yr allocation). Northern Borefield has not been developed and mine dewatering has not commenced to date. Discussions with NGC ongoing as to future compliance with this requirement.</p>	NR	<p>Monitoring not able to be undertaken as land access for installation of monitoring bores to monitor impacts on Linton Bore due to cultural sensitivity concerns as per comms with NGC.</p> <p>Abstraction for the Project has been limited during early construction phase (0.3% of 7.5 GL/yr allocation). Northern Borefield has not been developed and mine dewatering has not commenced to date. Discussions with NGC ongoing as to future compliance with this requirement.</p>
<p><b>Outcome 2:</b> Groundwater management infrastructure will be managed to ensure groundwater table drawdown is no greater than 1 m south of Linton Bore (towards the Cavanaugh Range)</p>	<p><b>Trigger Criteria:</b></p> <ul style="list-style-type: none"> <li>68% of the predicted 1 m drawdown at a monitoring bore adjacent to Linton Bore over two consecutive monitoring events (in comparison to a reference bore).</li> <li>And/or rate of drawdown at Linton Bore is greater than 0.1 m/year (over and above natural variation) over a 12-month period.</li> </ul> <p><b>Threshold Criteria:</b></p> <ul style="list-style-type: none"> <li>Equal to the predicted 1 m water table drawdown at a monitoring bore adjacent to Linton Bore at any single monitoring event (in comparison to a reference bore); and subsequent investigations determine that the impacts are likely a result of the implementation of the proposal</li> <li>And/or rate of drawdown at a site adjacent to Linton Bore is greater than 0.2 m/year (over and above natural variation) over a 12-month period.</li> </ul>	<ul style="list-style-type: none"> <li><b>Indicator:</b> Groundwater levels and hydrograph</li> <li><b>Method:</b> Field collection or automation of groundwater level using a transducer or manual dipping. EC and pH would also be collected.</li> <li><b>Location (Figure 6):</b> <ul style="list-style-type: none"> <li>Monitoring bores near Linton Bore (BMB-00)</li> <li>Control sites: CMB-01 to CMB-04</li> </ul> </li> <li>The Ngaanyatjarra Ranger Team will be invited to participate in any field-based water monitoring activities (subject to fair and reasonable commercial terms)</li> </ul>	<p>Monthly data collection</p> <p>A review of this frequency will occur on an annual basis</p> <p>Quarterly review of drawdown against hydrographs</p>	<p>Monitoring not able to be undertaken as land access for installation of monitoring bores to monitor impacts on Linton Bore due to cultural sensitivity concerns as per comms with NGC.</p> <p>Abstraction for the Project has been limited during early construction phase (0.3% of 7.5 GL/yr allocation). Northern Borefield has not been developed and mine dewatering has not commenced to date. Discussions with NGC ongoing as to future compliance with this requirement.</p>	NR	<p>Monitoring not able to be undertaken as land access for installation of monitoring bores to monitor impacts on Linton Bore due to cultural sensitivity concerns as per comms with NGC.</p> <p>Abstraction for the Project has been limited during early construction phase (0.3% of 7.5 GL/yr allocation). Northern Borefield has not been developed and mine dewatering has not commenced to date. Discussions with NGC ongoing as to future compliance with this requirement.</p>

Uncertainty	Criteria	Monitor	Frequency	Reporting	Compliance Status	Evidence
<p><b>Outcome 3:</b> No adverse impacts to groundwater quality outside of assessed impact areas as a result of implementing the proposal</p>	<ul style="list-style-type: none"> <li><b>Trigger Criteria:</b> An exceedance of groundwater quality guideline values (see Table 9) in comparison to reference sites over two consecutive monitoring events</li> <li><b>Threshold Criteria:</b> An exceedance of site-specific background threshold criteria in any single monitoring event in comparison to reference sites; and subsequent investigations determine that the impacts are likely a result of the implementation of the proposal</li> </ul>	<ul style="list-style-type: none"> <li>Indicator: Hydrochemistry concentrations</li> <li>Method: Field sample collection and laboratory analysis</li> <li>Location (Figure 6):                             <ul style="list-style-type: none"> <li>Selected reference sites as 'threshold locations' downstream of key project infrastructure (TSF, WRD and processing plant)</li> <li>Selected reference sites as 'control locations' upstream from key project infrastructure</li> </ul> </li> <li>The Ngaanyatjarra Ranger Team will be invited to participate in any field-based water monitoring activities (subject to fair and reasonable commercial terms)</li> </ul>	<p>Quarterly</p>		<p>C</p>	<p>Abstraction for the Project has been limited during early construction phase (0.3% of 7.5 GL/yr allocation). Northern Borefield has not been developed and mine dewatering has not commenced. Groundwater monitoring has been implemented.</p> <ul style="list-style-type: none"> <li>GW field sheets - sighted 19/06/23</li> <li>GW auto troll data - sighted 19/06/23</li> <li>GW COCs - sighted 19/06/23</li> </ul> <p>Groundwater monitoring limited to areas where OZ has been allowed secured access from by NCC via the Permit to Work process. During the reporting period none of the existing GMMP monitoring wells were located within an approved Permit to Work.</p> <p>Monitoring of groundwater confined to existing production and observation wells detailed within the Groundwater Operating Strategy. All monitoring activities were conducted by OZ personnel. Ranger program has not been developed as yet. OZ communicated intention was to involve Rangers/TO's during next reporting period.</p> <p>Review of data for sampling of bores GDE-04, MMB-01, MMB-02, MMB-03 and BMB-05 for 8-9 April 2023 show results are lower than relevant trigger values. Access to monitor these wells was gained with approval of Permit to Work 2, 1.</p>
<p><b>Outcome 4:</b> No adverse impact to confirmed terrestrial GDEs outside of the 2 m water table drawdown contour</p> <p><b>Note:</b> This outcome would only be relevant should the baseline potential terrestrial GDE program confirm the presence of GDEs, and if confirmed, this outcome would only occur should the trigger criteria for Outcome 1 be triggered</p>	<ul style="list-style-type: none"> <li><b>Trigger Criteria:</b> A statistically significant difference in primary parameter (Appendix B) trends at sites of confirmed terrestrial GDEs between the 2 m and 0.5 m water table drawdown contours compared to baseline monitoring values over two consecutive monitoring events</li> <li><b>Threshold Criteria:</b> A statistically significant difference in primary parameter (Appendix B) trends at sites of confirmed terrestrial GDEs between the 2 m and 0.5 m water table drawdown contours compared to reference sites over four consecutive monitoring events; and subsequent investigation determine that the impacts are likely a result of the implementation of the proposal</li> </ul>	<ul style="list-style-type: none"> <li>Indicator: Vegetation health and condition (Appendix B)</li> <li>Method: Visual assessment of vegetation health (photos and visual assessment), collection of leaf water potential data, and/or more regional methods such as NDVI or LIDAR to evaluate tree heights.</li> <li>Location (Figure 6):                             <ul style="list-style-type: none"> <li>At locations of confirmed terrestrial GDEs between the 2 m and 0.5 m water table contours (TBA based on uncertainty surveys detailed in Table 8)</li> <li>Control sites away from key project infrastructure, and their potential impacts (if available)</li> </ul> </li> <li>The Ngaanyatjarra Ranger Team will be invited to participate in any field-based water monitoring activities (subject to fair and reasonable commercial terms)</li> </ul>	<p>In the event that groundwater trigger criteria detailed in Outcome 1 or Outcome 2 are triggered, visual assessments and collection of leaf water potential would occur quarterly</p>	<ul style="list-style-type: none"> <li>Annual compliance assessment report (if the Plan is conditioned under the EP Act) (DWER – Compliance Branch)</li> <li>Exceedance reporting (on trigger and threshold criteria) (DWER – Compliance Branch)</li> <li>Reporting on contingencies</li> </ul>	<p>NR</p>	<p>No GDE are present based on results of AQZ studies</p>



Uncertainty	Criteria	Monitor	Frequency	Reporting	Compliance Status	Evidence
<p><b>Outcome 5:</b> No adverse impact to vegetation within the Desert Oak Heritage Exclusion Zone</p>	<ul style="list-style-type: none"> <li><b>Trigger Criteria:</b> A statistically significant difference in vegetation health and condition at designated monitoring sites within exclusion zone 2 (Appendix B) compared to baseline monitoring values over two consecutive monitoring events</li> <li><b>Threshold Criteria:</b> A statistically significant difference in vegetation health and condition at designated monitoring sites within the exclusion zone 2 (Appendix B) compared to baseline monitoring values over four consecutive monitoring events and subsequent investigation determine that the impacts are likely a result of the implementation of the proposal</li> </ul>	<ul style="list-style-type: none"> <li><b>Indicator:</b> Vegetation health and condition</li> <li><b>Method:</b> Visual assessment of vegetation health (photos and visual assessment).</li> <li><b>Location</b> (Exclusion Zone 2)</li> <li>The Ngaanyatjarra Ranger Team will be invited to participate in any field-based vegetation health monitoring activities (subject to fair and reasonable commercial terms)</li> </ul>	Annual	<ul style="list-style-type: none"> <li>Annual compliance assessment report (if the Plan is conditioned under the EP Act) (DWER – Compliance Branch)</li> <li>Exceedance reporting (on trigger and threshold criteria) (DWER – Compliance Branch)</li> </ul>	NR	<p>Abstraction for the Project has been limited during early construction phase. Northern Borefield has not been developed and mine dewatering has not been required to date.</p> <p>Access to the Desert Oak Exclusion Zone has been restricted by NGC which has prevented commencement of baseline monitoring.</p> <p>Discussions with NGC are stated to be ongoing to identify alternative remote vegetation condition monitoring techniques that may be acceptable.</p>

## **APPENDIX 5: AUDIT FINDINGS FOR TFMP IMPLEMENTATION**

Terrestrial Fauna Management Plan (2023) Audit Table

FVMP Reference	Element	Requirements	Compliance Status	Evidence
1.4.3	<p><b>Management Approach</b></p> <p><b>Table 12: Minimisation Measures for Direct Impacts to Significant Fauna</b></p>	<p>A considerable effort has been made to reorient and reduce the size of Development Envelope to avoid impacts to environmental values. This has included a reduction of the Development Envelope from 25,200 ha to 21,679 ha (13.3% reduction), and of the disturbance footprint from 3,961 ha to 3,830 ha resulting in the exclusion of some areas known to support significant fauna (such as the formally proposed Western Access Road and parts of the Southern Monitoring Area where deep sand spinifex occur)</p> <p>Adjustment of the Development Envelope to exclude habitat known to support significant species (excluded 82 % of Spinifex, Sandplain habitat)</p> <p>Avoidance through informed design by minimising clearing to the smallest area possible and placing waste in-pit where practicable</p> <p>Avoidance or minimisation through informed design by avoiding clearing of habitat for conservation-significant species and, where practicable, micro-sighting infrastructure during construction to avoid significant habitats</p> <p>Siting of turbines outside of habitats known to support significant fauna species</p> <p>Consideration of the swept height of wind turbine blades above the vegetation canopy for wind farm design and development</p> <p>Exclusion of the use of barbed wire fencing to minimise impacts to bats and avian fauna</p> <p>Development and implementation of a site-specific internal land and clearing/disturbance procedure and associated permit to prevent clearing outside approved boundaries, and to minimise disturbance to only that required</p> <p>The site induction program would provide information on protection of significant fauna habitats and land access and disturbance authorisation procedures</p> <p>A pre-clearance survey would be undertaken in Spinifex Sandplain to ensure that proposed clearing is aligned away from signs of Great Desert Skink</p> <p>Implementation of a Feral Animal Monitoring and Control Program</p> <p>Various aspects of the conceptual and detailed design of the wind farm and individual turbines would take into account the following design features to reduce the risk of avian fauna and bat mortalities:</p> <ul style="list-style-type: none"> <li>Design of turbine towers with solid structure turbines, as opposed to lattice style structures to prevent birds, particularly raptors, using the turbines as perching and/or nesting locations, increasing the likelihood of rotor collision</li> <li>Size of turbines would be as large as practicable to allow the turbines to be more visible to avian fauna species and have lower blade rotational speeds than smaller turbines</li> <li>Turbines would be designed to create less edges where possible</li> <li>Provision of visibility enhancement devices</li> </ul> <p>Progressive rehabilitation would be undertaken on disturbed areas as they become available</p> <p>Monitoring of analogue and rehabilitated areas would be undertaken to ensure short, medium and long-term rehabilitation objectives are achieved</p>	<p><b>C</b></p> <p><b>C</b></p> <p><b>C</b></p> <p><b>C</b></p> <p><b>NR</b></p> <p><b>NR</b></p> <p><b>C</b></p> <p><b>C</b></p> <p><b>C</b></p> <p><b>C</b></p> <p><b>C</b></p> <p><b>NR</b></p> <p><b>NR</b></p> <p><b>C</b></p> <p><b>C</b></p> <p><b>C</b></p> <p><b>C</b></p> <p><b>NR</b></p> <p><b>NR</b></p> <p><b>NR</b></p> <p><b>NR</b></p>	<p>Clearing is less than the approved amount and is all within the approved Development Envelope.</p> <p>Approved Development Envelope has not been adjusted. No Spinifex Sandplain habitat cleared during the reporting period.</p> <p>Land clearing as of 31 March 2023 is 312.8 ha.</p> <p>No mine waste produced during reporting period as project is in construction phase.</p> <p>Pre-clearance survey by Lathwida Environmental. Letter dated 16/03/2023 - sighted 29/05/23.</p> <p>Monitoring for GDS burrows, register of burrow locations - sighted 29/05/23.</p> <p>LADP map showing quarterly land disturbance and exclusion zones - sighted 06/06/2023.</p> <p>No turbines constructed to date.</p> <p>No turbines constructed to date.</p> <p>Construction - Land Access and Disturbance Procedure - issued for use 20/03/2023 - sighted 29/05/23.</p> <p>LADP map showing quarterly land disturbance and exclusion zones - sighted 06/06/2023.</p> <p>LADP register of permits - sighted 22/06/23.</p> <p>Induction, sighted 16/06/23. Contains information to address fauna habitat and land access/disturbance procedures.</p> <p>Pre-clearance survey undertaken by Lathwida Environmental. Letter dated 16/03/2023 - sighted 29/05/23.</p> <p>No Spinifex Sandplain habitat cleared during the reporting period.</p> <p>Feral Fauna Management Plan - issued for use 4/04/2023 - sighted 29/05/23.</p> <p>Feral animal and camel induction slide PDFs - sighted 20/06/23.</p> <p>Rodent control actions have been undertaken. Bat placement map sighted 20/06/23.</p> <p>Camel and feral dog/dingo control is planned. OZ engaging with NGC to undertake control works. Purchase order and emails to engage NGC Camel Company sighted 27/06/23.</p> <p>NCG Land and Culture Plan for feral animal reduction fencing enails - sighted 27/06/23.</p> <p>Turbine design has not been selected at time of this audit.</p> <p>Project in construction phase.</p> <p>Project in construction phase.</p>

FVMP Reference	Element	Requirements	Compliance Status	Evidence
1.4.3	<p>Ongoing development of monitoring methodology and rehabilitation techniques would occur during the life of the project. Further assessments over time would plot the development of rehabilitated areas against analogue sites and progression towards completion targets</p> <p>Preparation and regular update of a Mine Closure Plan consistent with DMIRS and EPA Guidelines for Preparing Mine Closure Plans (DMIRS, 2020)</p> <p>Fire breaks would be maintained around fixed plant areas</p> <p>Fire management infrastructure would be maintained on site and in vehicles, along with competent persons for the management of bushfires</p> <p>A Hot Works procedure would be put in place to ensure adequate controls are put in place for activities that have the potential to result in bushfire</p> <p>Fire management protocols and land management would be consulted with the Ngaanyatjarra Council to ensure that aligned fire management outcomes are achieved</p>	<p>Project in construction phase.</p> <p>Mine Closure Plan (MCP) Reg ID 103201 approved 11/08/2022.</p> <p>Firebreak has been established around the perimeter of accommodation camp. Aerial image sighted. NGC Cultural Heritage Permit to Work on WMP Camp Firebreak - sighted 26/06/23.</p> <p>Bushfire Readiness Report March 2022 includes information on firebreak requirements - sighted 26/06/23.</p> <p>Fixed plant under construction at time of audit.</p> <p>Mobile plant mechanical check form, includes fire extinguisher fitted - sighted 06/06/23.</p> <p>ERT training schedule includes fire and rescue - sighted 06/06/23. ERT training has commenced and undertaken weekly.</p> <p>Bushfire Readiness Report dated March 2022 includes information on fire equipment and fire awareness training requirements - sighted 26/06/23.</p> <p>Dedicated Fire truck is onsite - image sighted 26/06/23.</p> <p>Images of emergency vehicles fitted with fire equipment - sighted 27/06/23.</p> <p>Fire extinguisher register showing details of onsite fire extinguishers including vehicles - sighted 27/06/23.</p> <p>Hot Works Permit and register -sighted 29/05/23.</p> <p>Land Management Plan - sighted 16/06/23.</p> <p>Local Emergency Management Arrangements Report, NGC five-year review. Contains fire management - sighted 27/06/23.</p> <p>NGC Cultural Heritage Permit to Work on WMP Camp Firebreak - sighted 26/06/23.</p> <p>OZ and NGC Environment meeting minutes including fire management and clearing – sighted 27/06/23.</p> <p>Ngaanyatjarra Council and OZ minerals communications detailed report - sighted 19/06/23.</p> <p>Communication register - sighted 06/06/23.</p> <p>OZ and NGC Environment meeting minutes including fauna, Great Desert Skink and clearing. Minutes include dates for ranger team / TO's to participate in surveys – sighted 27/06/23.</p> <p>First report due August 2023.</p> <p>This document forms part of the first CAR due to be submitted by 20 July 2023.</p> <p>Incidents recorded kept and addressed in MYOSH. Excerpt of records sighted 30/05/23.</p> <p>No death of significant fauna during reporting period attributable to project activities.</p>		
2.3.1	<p>All reporting discussed in Section 2.3 of the TFMP will be made specifically available to the Ngaanyatjarra People through the Ngaanyatjarra Council, including where necessary periodic face-to-face meetings to discuss the results and outcomes of monitoring.</p>	<p>OZ Minerals will prepare Annual Environmental Reports (AERs) to be submitted to regulatory authorities.</p> <p>A Compliance Assessment Report (CAR) will be submitted to the Compliance Branch at Government of Western Australia's Department of Water and Environmental Regulation (DWER) at an agreed date.</p> <p>In recognition of the conservation status of the four species of significant fauna described in this TFMP, OZ Minerals will report deaths directly attributable to the project. Relevant regulatory authorities (EPA, DBCA and Department of Mines, Industry Regulation and Safety (DMIRS)) will be notified within seven days of the death being recorded.</p>	<p>NR</p> <p>C</p> <p>C</p>	<p>Reporting</p> <p>Ngaanyatjarra Council and Ngaanyatjarra People</p>
2.3.2	<p>OZ Minerals will prepare Annual Environmental Reports (AERs) to be submitted to regulatory authorities.</p> <p>A Compliance Assessment Report (CAR) will be submitted to the Compliance Branch at Government of Western Australia's Department of Water and Environmental Regulation (DWER) at an agreed date.</p> <p>In recognition of the conservation status of the four species of significant fauna described in this TFMP, OZ Minerals will report deaths directly attributable to the project. Relevant regulatory authorities (EPA, DBCA and Department of Mines, Industry Regulation and Safety (DMIRS)) will be notified within seven days of the death being recorded.</p>	<p>OZ Minerals will prepare Annual Environmental Reports (AERs) to be submitted to regulatory authorities.</p> <p>A Compliance Assessment Report (CAR) will be submitted to the Compliance Branch at Government of Western Australia's Department of Water and Environmental Regulation (DWER) at an agreed date.</p> <p>In recognition of the conservation status of the four species of significant fauna described in this TFMP, OZ Minerals will report deaths directly attributable to the project. Relevant regulatory authorities (EPA, DBCA and Department of Mines, Industry Regulation and Safety (DMIRS)) will be notified within seven days of the death being recorded.</p>	<p>NR</p> <p>C</p> <p>C</p>	<p>Annual Reporting</p>
2.3.3	<p>OZ Minerals will prepare Annual Environmental Reports (AERs) to be submitted to regulatory authorities.</p> <p>A Compliance Assessment Report (CAR) will be submitted to the Compliance Branch at Government of Western Australia's Department of Water and Environmental Regulation (DWER) at an agreed date.</p> <p>In recognition of the conservation status of the four species of significant fauna described in this TFMP, OZ Minerals will report deaths directly attributable to the project. Relevant regulatory authorities (EPA, DBCA and Department of Mines, Industry Regulation and Safety (DMIRS)) will be notified within seven days of the death being recorded.</p>	<p>OZ Minerals will prepare Annual Environmental Reports (AERs) to be submitted to regulatory authorities.</p> <p>A Compliance Assessment Report (CAR) will be submitted to the Compliance Branch at Government of Western Australia's Department of Water and Environmental Regulation (DWER) at an agreed date.</p> <p>In recognition of the conservation status of the four species of significant fauna described in this TFMP, OZ Minerals will report deaths directly attributable to the project. Relevant regulatory authorities (EPA, DBCA and Department of Mines, Industry Regulation and Safety (DMIRS)) will be notified within seven days of the death being recorded.</p>	<p>NR</p> <p>C</p> <p>C</p>	<p>Incident Reporting</p>



FVMP Reference	Element	Requirements	Compliance Status	Evidence
2.3.4	<b>Reporting to the Ngaanyatjarra Council</b>	<p>OZ Minerals will report key data from this TFMP to the Ngaanyatjarra Council, including:</p> <ul style="list-style-type: none"> <li>Fauna deaths attributable to the WMP, including mortalities of species considered significant to the Ngaanyatjarra people.</li> <li>Feral animal monitoring outcomes.</li> </ul> <p>These would be reported and/or presented in accordance with consultation and/or reporting schedules nominated within the Mining Agreement.</p>	<b>NC</b>	<p>Incidents recorded and addressed in MYOSH. Excerpt of records. Have been sent to NGC - sighted 30/05/23.</p> <p>Feral animal monitoring program implemented and issued for use 4/04/2023 - sighted 29/05/23.</p> <p>Fauna sighting records register - sighted 3/05/23.</p> <p>Camel and feral dog/dingo control program has been arranged with NGC as a result of issues identified by OZ since construction commenced. Purchase order and emails to engage NGC Camel Company sighted 27/06/23.</p> <p>No conservation significant fauna deaths occurred during the reporting period.</p> <p>Incident reports indicate death of one (1) Coanna during the reporting period. This species is culturally significant to TO's. Death was a result of vehicle interaction. This had not been reported to NGC during the reporting period.</p>
3.1	<b>Management Review</b>	<p>Review processes for the TFMP will be based on formalised dates after project commencement and triggers such as:</p> <ul style="list-style-type: none"> <li>Monitoring results: If site-specific monitoring program results indicate that management targets are not being achieved.</li> <li>Changes in knowledge: If new information about a species' use of the Development Envelope or region is received which would better inform management approaches.</li> <li>Significant changes to project design. The relevance and effectiveness of existing management measures would be considered and amended as appropriate.</li> </ul> <p>This Management Plan will also be reviewed and revised following any significant changes to the project from that described within the EPA Section 38 Referral (OZ Minerals, 2021).</p> <p>OZ Minerals will also review this plan within one year following implementation of the project, including a review of the management actions, monitoring methods and reporting requirements.</p> <p>Following any significant changes, the updated plan will be submitted to DWER for approval.</p>	<b>C</b>	<p>No review required to date.</p> <p>Review planned for Q2 of 2023 to incorporate new knowledge of Great Desert Skink populations and habitat preferences resulting from additional surveys undertaken in Q1/2 2023, including regional surveys and incorporating data from the Indigenous Desert Alliance (IDA) GDS monitoring program.</p>
			<b>C</b>	<p>No review required to date.</p>

## TFMP Objective Based EMP Audit Table

TFMP Objective Based EMP Audit Table				
Management Action	Management Target	Monitoring	Reporting	Evidence
<p><b>Management Objective:</b> Minimise loss of significant fauna habitat and fragmentation as a result of project-related land clearing</p> <p><b>Key Impacts and Risks:</b></p> <ul style="list-style-type: none"> <li>Decrease in poorly represented fauna habitat as a result of land clearing for the pipeline and service corridor alignment</li> <li>Significant decrease in richness and abundance of fauna, including significant fauna, as a result of interactions with project-related vehicles and machinery or entrapment</li> <li>Increase richness and abundance of predator species resulting from project-related attractants (water and food sources) result in higher levels of predation of native fauna</li> <li>Decrease in the richness and abundance of poorly represented fauna habitat and significant fauna species as a result of project-related altered fire regimes</li> </ul>				
<ul style="list-style-type: none"> <li>Clearing in accordance with internal land clearing procedure</li> <li>Minimise amount of active cleared land</li> </ul>	<ul style="list-style-type: none"> <li>Total project-related land disturbance is to be within the approved Development Envelope and not to exceed the approved area</li> </ul>	<ul style="list-style-type: none"> <li>Annual reconciliation of land access and disturbance-related survey data with the respective year's aerial imagery</li> <li>Annual review of internal project-related land access and disturbance register relative to actual project-related land disturbance and LDPs</li> </ul>	<ul style="list-style-type: none"> <li>Internal project-related Land Disturbance Register and LDPs</li> <li>Mining Rehabilitation Fund (MRF) annual reporting</li> <li>Annual WMP Compliance Assessment Report</li> </ul>	<ul style="list-style-type: none"> <li>Construction - Land Access and Disturbance Procedure - issued for use 20 March 2023 - sighted 29/05/23.</li> <li>Aerial imagery of clearing - sighted 20/06/23</li> <li>LADP map showing quarterly land disturbance and exclusion zones - sighted 06/06/2023.</li> <li>Total clearing as of 20 March 2023 is 312.8 ha.</li> <li>Review of aerial photography and Project GIS records demonstrates all clearing is within the approved Development Envelope.</li> </ul>
<p><b>Management Objective:</b> Minimise death or injury to significant fauna in the Development Envelope as a result of project-related land clearing</p>				
<ul style="list-style-type: none"> <li>Undertake pre-disturbance surveys: <ul style="list-style-type: none"> <li>in Spinifex Sandplain habitat to map all active Great Desert Skink burrows</li> <li>prior to proposed project-related land disturbance with adequate lead time (two months is recommended) to allow for design amendment to ensure avoidance of all active Great Desert Skink burrows</li> <li>to undertake designation/ demarcation as 'fauna exclusion zones' prior to project-related land disturbance</li> </ul> </li> <li>Fauna spotter present during all project-related land disturbance in Spinifex Sandplain habitat</li> <li>Where relocation of burrows is required, this will be discussed/agreed with the Department of Biodiversity Conservation and Attractions prior to any relocation being undertaken</li> </ul>	<ul style="list-style-type: none"> <li>No reasonably preventable death or injury to significant fauna attributable to project-related land disturbance activities</li> <li>No loss of active Great Desert Skink burrows due to project-related land disturbance</li> <li>The Ngaanyatjarra Ranger Teams will be invited to participate in pre-disturbance monitoring activities (subject to fair and reasonable commercial terms)</li> </ul>	<ul style="list-style-type: none"> <li>Great Desert Skink burrow location and status data collected during pre-disturbance surveys</li> <li>Fauna spotter to record observations of significant fauna and burrows during project-related land disturbance in Spinifex Sandplain habitat, including written records and photographs, where appropriate</li> <li>Records of engagement with the Ngaanyatjarra Council relating to participation in pre-disturbance survey work</li> <li>Opportunistic identification of fauna mortalities</li> </ul>	<ul style="list-style-type: none"> <li>Pre-disturbance survey records including significant fauna observations and fauna mortality records</li> <li>Fauna spotter recorded significant fauna observations including fauna mortality</li> <li>GIS records of pre-disturbance survey records, fauna exclusion zones and locations of significant fauna recorded by fauna spotter</li> <li>Annual WMP Compliance Assessment Report</li> </ul>	<ul style="list-style-type: none"> <li>No death of conservation significant fauna during reporting period attributable to project activities. One death of a goanna due to traffic incident recorded during the monitoring period. MYOSH incident reports - sighted 26/06/23.</li> <li>No loss of Great Desert Skink burrows during the reporting period.</li> <li>GDS Pre-clearance survey by Lathwida Environmental. Letter dated 16/03/2023 - sighted 29/05/23.</li> <li>LADP map showing quarterly land disturbance and exclusion zones - sighted 06/06/2023.</li> <li>LADP map of central mine area showing exclusion areas - sighted 06/06/23.</li> <li>Ngaanyatjarra Council and OZ communications detailed report shows evidence of invites to participate in pre-disturbance and disturbance monitoring activities - sighted 19/06/23.</li> <li>OZ and INGC Environmental meeting minutes. Minutes include dates for ranger team / TO's to participate in surveys and clearing activities - sighted 27/06/23.</li> <li>No clearing in Spinifex Sandplain habitat during reporting period.</li> <li>No burrow relocation has been required.</li> </ul>
<p><b>Management Objective:</b> Minimise death or injury to significant fauna as a result of interactions with project-related vehicles or machinery</p>				
<ul style="list-style-type: none"> <li>Speed limits restricted to a maximum of 20 km/hr in close vicinity of Deep Sand Spinifex habitat, 60 km/hr in all other project areas, 80 km/hr on the main northern access road, with appropriate speed limit signage in place</li> <li>Off-road driving not permitted outside of cleared areas</li> </ul>	<ul style="list-style-type: none"> <li>No death or injury to Great Desert Skink, Brush-tail Mulgara, Southern Marsupial Mole or Striated Grasswren as a result of vehicle strike attributable to the project</li> </ul>	<ul style="list-style-type: none"> <li>Quarterly review of records of speed limit non-compliances</li> <li>Identification of traffic related fauna mortalities through incident report data collection and investigation</li> </ul>	<ul style="list-style-type: none"> <li>Annual WMP Compliance Assessment Report</li> <li>Internal incident reporting and non-compliance reporting</li> <li>Fauna mortality records</li> <li>Induction records</li> <li>Regulatory agency notification of incident for significant fauna</li> </ul>	<ul style="list-style-type: none"> <li>Incidents recorded and addressed in MYOSH - excerpt of records sighted 30.05.23.</li> <li>No death of significant fauna as per DBCA during reporting period attributable to project activities. One death of a goanna due to traffic incident recorded during the monitoring period. MYOSH incident reports - sighted 26.06.23.</li> <li>Speed monitoring program is not being implemented following review of onsite requirements. Traffic Management Plan (sighted 27/06/23) and site safety induction which includes information on speed limits (sighted 26/06/23) address speed restrictions onsite.</li> <li>Induction addresses significant fauna - sighted 16/06/23.</li> </ul>



<ul style="list-style-type: none"> <li>All fauna-vehicle interactions to be reported with time and location to allow investigation and data collection</li> <li>Personnel inductions include discussion of speed limit restrictions, requirements to report fauna-vehicle interactions and the non-compliance process</li> </ul>					<p>Permit to enter and driver code of conduct includes off road driving - sighted 15/06/23.</p>
<b>Management Objective:</b> Minimise adverse impacts on significant fauna as a result of project-related pipeline construction					
<p><b>Management Action</b></p> <ul style="list-style-type: none"> <li>Undertake pre-disturbance surveys: <ul style="list-style-type: none"> <li>in Spinifex Sandplain habitat to map all active Great Desert Skink burrows</li> <li>Prior to project-related land disturbance with adequate lead time (two months is recommended) to allow for design amendment to ensure a minimum buffer distance of 50 m between active Great Desert Skink burrows and pipelines</li> <li>to undertake designation/demarcation as 'fauna exclusion zones' prior to project-related land disturbance</li> </ul> </li> <li>Fauna spotter present during all project-related land disturbance in Spinifex Sandplain habitat</li> <li>Daily fauna removal from trenches during pipeline construction</li> <li>Fauna egress installed in open trenches during construction</li> <li>Pipelines in Spinifex Sandplain habitat to be buried or elevated ≥100 mm above the ground at least every 100 m</li> </ul>	<p><b>Management Target</b></p> <ul style="list-style-type: none"> <li>No death or injury to significant fauna attributable to project pipeline construction</li> <li>No loss of active Great Desert Skink burrows due to land disturbance for project-related pipelines</li> <li>The Ngaanyatjarra Ranger Teams will be invited to participate in pre-disturbance and disturbance monitoring activities (subject to fair and reasonable commercial terms)</li> </ul>	<p><b>Monitoring</b></p> <ul style="list-style-type: none"> <li>Great Desert Skink burrow location and status data collected during pre-disturbance surveys</li> <li>Fauna spotter to record observations of significant fauna and burrows during project-related land disturbance in Spinifex Sandplain habitat, including written records and photographs, where appropriate</li> <li>Records of engagement with the Ngaanyatjarra Council relating to participation in pre-disturbance survey work</li> <li>Daily trench inspections with records of fauna removal during pipeline trenching activities</li> </ul>	<p><b>Reporting</b></p> <ul style="list-style-type: none"> <li>Pre-disturbance survey records including significant fauna observations</li> <li>Fauna spotter recorded significant fauna observations including fauna mortality</li> <li>GIS records of pre-disturbance survey records, fauna exclusion zones and locations of significant fauna recorded by fauna spotter</li> <li>Annual WMP Compliance Assessment Report</li> </ul>	<p><b>Compliance Status</b></p> <p>NR</p>	<p><b>Evidence</b></p> <p>Not applicable at this stage:</p> <ul style="list-style-type: none"> <li>No pipelines laid in Spinifex Sandplain habitat during reporting period</li> <li>No landfill onsite as yet</li> <li>No open trenches during the reporting period</li> </ul> <p>Additional pre-clearance surveys conducted for Great Desert Skink in March-April 2023 by Lathwida Environmental. Results are being used to inform Northern Borefield design. Report sighted May 2023.</p>
<b>Management Objective:</b> Minimise adverse impacts to significant fauna as a result of project-related increase in feral animal abundance					
<p><b>Management Action</b></p> <ul style="list-style-type: none"> <li>Install fencing around domestic waste facilities minimise access to waste</li> <li>Construct and rehabilitate project borrow pits and all other constructed landforms to minimise permanent or long-term water holding</li> <li>Develop, implement and update a Feral Animal Monitoring and Control Program within the Development Envelope for the operational phase in response to construction phase and ongoing monitoring results</li> </ul>	<p><b>Management Target</b></p> <ul style="list-style-type: none"> <li>Minimise feral fauna species access to attractants (e.g. water sources and uncovered waste)</li> <li>Minimise feral fauna species access to ponded water in constructed landforms, including borrow pits</li> <li>Reduced observations of feral fauna species in project attractant areas (landfill, WWTP, water storage ponds, accommodation village)</li> </ul>	<p><b>Monitoring</b></p> <ul style="list-style-type: none"> <li>Quarterly feral animal monitoring and recording at attractant locations, including: <ul style="list-style-type: none"> <li>presence/absence</li> <li>species</li> <li>status of fencing</li> <li>status of attractants (water storage, waste management)</li> </ul> </li> <li>Post-rehabilitation earthwork inspections</li> <li>Post-rainfall inspections</li> <li>Workplace inspections (WWTP, landfill, water storages)</li> <li>Opportunistic fauna observations</li> </ul>	<p><b>Reporting</b></p> <ul style="list-style-type: none"> <li>Internal incident reports</li> <li>Annual MRF reports</li> <li>Feral fauna species monitoring and control program records</li> <li>Annual WMP Compliance Assessment Report</li> </ul>	<p><b>Compliance Status</b></p> <p>C</p>	<p><b>Evidence</b></p> <p>Feral animal monitoring program implemented and issued for use (4/04/2023) - sighted 29/05/23.</p> <p>Feral animal information contained in induction - sighted 20/06/23.</p> <p>Rodent control actions have been undertaken. Bait placement map - sighted 20/06/23.</p> <p>Camel and feral dog/dingo control planned. Purchase order and emails to engage NGC Camel Company - sighted 27/06/23.</p> <p>NCG Land and Culture Plan for feral animal reduction fencing emails - sighted 27/06/23.</p> <p>There has been one calcrete borrow pit developed during the reporting period. Borrow pit is still active and rehabilitation will be future requirement.</p> <p>No landfill developed on site during reporting period.</p> <p>Accommodation village is under construction.</p>

<b>Management Objective:</b> Minimise adverse impacts to significant fauna as a result of project-related altered fire regime					
<b>Management Action</b>	<b>Management Target</b>	<b>Monitoring</b>	<b>Reporting</b>	<b>Compliance Status</b>	<b>Evidence</b>
<ul style="list-style-type: none"> <li>Develop and maintain a Fire Mitigation Plan and incorporate into the Asset Emergency Management Plan</li> <li>Install and maintain fire extinguishers and firefighting equipment in the project area and on site to relevant Australian Standards</li> <li>Install and maintain firefighting equipment in machinery and vehicles undertaking land disturbance activities</li> <li>Project emergency response personnel trained in fire and bushfire response</li> <li>Vehicles kept to access tracks or cleared areas</li> <li>Develop and implement a Hot Work Permit system</li> <li>Fire management practices developed in consultation with WA Department of Fire and Emergency Services (DFES) and the Ngaanyatjarra Council, including installation and maintenance of firebreaks if required</li> <li>Site induction to include information on prevention, management and response to fires</li> </ul>	<ul style="list-style-type: none"> <li>No unplanned fires attributable to project-related activities</li> <li>Minimise the potential environmental damage from project-related extreme or out-of-control wildfires attributed to project-related activities</li> </ul>	<ul style="list-style-type: none"> <li>Emergency response equipment inspections relative to relevant Australian Standards</li> <li>Annual fire response training exercise including wildlife response</li> <li>Annual review of fire break development for evidence of adequate installation and maintenance</li> </ul>	<ul style="list-style-type: none"> <li>Internal incident reports</li> <li>Internal project-related Land Disturbance Register and LDPs</li> <li>Hot Work Permit register</li> <li>Induction and training records</li> <li>Annual WMP Compliance Assessment Report</li> </ul>	<b>C</b>	<p>Two minor and contained unplanned fires attributable to project activities have occurred. Incidents have been recorded and reported. MYOSH incident reporting screen shots – sighted 27/06/23. Fires contained and did not result in adverse environmental impacts.</p> <p>Hot Works Permit system established. Register sighted 29/05/23.</p> <p>ERT for construction phase has been formed. Team including facilities and equipment is in a development stage consistent with the construction phase of the Project.</p> <p>Bushfire Readiness Report March 2022 includes information on fire equipment, machinery requirements, training and compliance - sighted 26/06/23.</p> <p>Emergency Response Plan - sighted 20/06/23.</p> <p>ERT training schedule includes fire and rescue - sighted 06/06/23. Training has commenced and undertaken weekly.</p> <p>Firebreak has been established around the perimeter of the accommodation camp. Aerial image sighted 15/06/23.</p> <p>Mobile plant mechanical check form, includes fire extinguisher fitted - sighted 06/06/23.</p> <p>Bushfire Risk Assessment and Management Report - sighted 06/06/23.</p> <p>Information on prevention and response to fires contained in Induction material. PDF sighted 20/06/23.</p> <p>Emails with DFES regarding hot work activities, exemptions and hazard burning - sighted 26/06/23.</p> <p>Bushfire Attack Level report and emails consulting with DFES - sighted 06/06/23.</p> <p>Local Emergency Management Arrangements Report, NGC five-year review. Contains fire management - sighted 27/06/23.</p> <p>Fire extinguisher register showing details of onsite fire extinguishers including vehicles - sighted 27/06/23. Images of emergency vehicles fitted with fire equipment - sighted 27/06/23.</p>

## **APPENDIX 6: STATEMENT OF COMPLIANCE**

## Statement of Compliance

### 1. Proposal and Proponent Details

<b>Proposal Title</b>	The proposal is to develop two copper and nickel deposits (Babel pit and Nebo pit) within the West Musgrave Ranges of Western Australia
<b>Statement Number</b>	MS 1188
<b>Proponent Name</b>	OZ Minerals Musgrave Operations Pty Ltd
<b>Proponent's Australian Company Number</b> <i>(where relevant)</i>	640 213 341

### 2. Statement of Compliance Details

<b>Reporting Period</b>	20/04/2022 to 20/03/23
-------------------------	------------------------

Implementation phase(s) during reporting period (please tick ✓ relevant phase(s))							
Pre-construction	<input type="checkbox"/>	Construction	<input checked="" type="checkbox"/>	Operation	<input type="checkbox"/>	Decommissioning	<input type="checkbox"/>

<b>Audit Table for Statement addressed in this Statement of Compliance is provided at Attachment:</b>	6
<p>An audit table for the Statement addressed in this Statement of Compliance must be provided as Attachment 2 to this Statement of Compliance. The audit table must be prepared and maintained in accordance with the Department of Water and Environmental Regulation (DWER) <i>Post Assessment Guideline for Preparing an Audit Table</i>, as amended from time to time. The 'Status Column' of the audit table must accurately describe the compliance status of each implementation condition and/or procedure for the reporting period of this Statement of Compliance. The terms that may be used by the proponent in the 'Status Column' of the audit table are limited to the Compliance Status Terms listed and defined in Table 1 of Attachment 1.</p> <p><b>Statement of Compliance is included as Appendix 6 of CAR. Audit tables for MS1188 are Appendices 1-5 of the CAR.</b></p>	

<b>Were all implementation conditions and/or procedures of the Statement complied with within the reporting period? (please tick ✓ the appropriate box)</b>			
No (please proceed to Section 3)	<input checked="" type="checkbox"/>	Yes (please proceed to Section 4)	<input type="checkbox"/>

Each page (including Attachment 2) must be initialed by the person who signs Section 4 of this Statement of Compliance.

INITIALS: JA

**3. Details of Non-compliance(s) and/or Potential Non-compliance(s)**

The information required Section 3 must be provided for each non-compliance or potential non-compliance identified during the reporting period covered by this Statement of Compliance.

**Non-compliance/potential non-compliance 3-1**

<b>Which implementation condition or procedure was non-compliant or potentially non-compliant?</b>
5-5
<b>Was the implementation condition or procedure non-compliant or potentially non-compliant?</b>
Non-compliant
<b>On what date(s) did the non-compliance or potential non-compliance occur (if applicable)?</b>
24/04/23

<b>Was this non-compliance or potential non-compliance reported to the Chief Executive Officer, DWER?</b>	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Reported to DWER verbally Date _____ <input type="checkbox"/> Reported to DWER in writing Date 24/04/2023	<input type="checkbox"/> No

<b>What are the details of the non-compliance or potential non-compliance and where relevant, the extent of and impacts associated with the non-compliance or potential non-compliance?</b>
Revision 3 of the West Musgrave Copper and Nickel Project Greenhouse Gas Management Plan was submitted on 24/04/2023 which was four days later than the required date (20/4/2023). The submission was acknowledged by the EPA on 24 June 2023.
<b>What is the precise location where the non-compliance or potential non-compliance occurred (if applicable)? (please provide this information as a map or GIS co-ordinates)</b>
Not applicable
<b>What was the cause(s) of the non-compliance or potential non-compliance?</b>
Late finalisation of the updated Greenhouse gas Management Plan
<b>What remedial and/or corrective action(s), if any, were taken or are proposed to be taken in response to the non-compliance or potential non-compliance?</b>
Plan submitted by 24/04/23. EPA Services contacted about late submission.
<b>What measures, if any, were in place to prevent the non-compliance or potential non-compliance before it occurred? What, if any, amendments have been made to those measures to prevent re-occurrence?</b>
Not Applicable
<b>Please provide information/documentation collected and recorded in relation to this implementation condition or procedure:</b>
<ul style="list-style-type: none"> <li>in the reporting period addressed in this Statement of Compliance; and</li> <li>as outlined in the approved Compliance Assessment Plan for the Statement addressed in this Statement of Compliance.</li> </ul> (the above information may be provided as an attachment to this Statement of Compliance)
Email from EPA Services acknowledging the receipt of the GHGMP dated 24/04/23 was sighted during the audit. Emails with Robert Hughes of EPA Services in days prior to submission also sighted. Documented in Appendix 1 of CAR.

*For additional non-compliance or potential non-compliance, please duplicate this page as required.*

Each page (including Attachment 2) must be initialed by the person who signs Section 4 of this Statement of Compliance.

INITIALS:   *ka*

**Non-compliance/potential non-compliance 3-2**

<b>Which implementation condition or procedure was non-compliant or potentially non-compliant?</b>
5-8
<b>Was the implementation condition or procedure non-compliant or potentially non-compliant?</b>
Non-compliant
<b>On what date(s) did the non-compliance or potential non-compliance occur (if applicable)?</b>
24/03/2023

<b>Was this non-compliance or potential non-compliance reported to the Chief Executive Officer, DWER?</b>	
<input type="checkbox"/> Yes <input type="checkbox"/> Reported to DWER verbally Date _____ <input type="checkbox"/> Reported to DWER in writing Date _____	<input checked="" type="checkbox"/> No

<b>What are the details of the non-compliance or potential non-compliance and where relevant, the extent of and impacts associated with the non-compliance or potential non-compliance?</b>
Report required by Condition 5-2 was required to be made publicly available by 23/03/23. Report was not available by the required date.
<b>What is the precise location where the non-compliance or potential non-compliance occurred (if applicable)? (please provide this information as a map or GIS co-ordinates)</b>
Not Applicable
<b>What was the cause(s) of the non-compliance or potential non-compliance?</b>
Failure to publish on web site within required timeframe
<b>What remedial and/or corrective action(s), if any, were taken or are proposed to be taken in response to the non-compliance or potential non-compliance?</b>
Report has since been made publicly available. Verified 23/06/23 that it is available.
<b>What measures, if any, were in place to prevent the non-compliance or potential non-compliance before it occurred? What, if any, amendments have been made to those measures to prevent re-occurrence?</b>
Project personnel have been made aware of requirements for timely publishing of required information.
<b>Please provide information/documentation collected and recorded in relation to this implementation condition or procedure:</b>
<ul style="list-style-type: none"> <li>• in the reporting period addressed in this Statement of Compliance; and</li> <li>• as outlined in the approved Compliance Assessment Plan for the Statement addressed in this Statement of Compliance.</li> </ul> (the above information may be provided as an attachment to this Statement of Compliance)
See Appendix 1 of CAR.

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 INITIALS: JA



**Non-compliance/potential non-compliance 3-3**

<b>Which implementation condition or procedure was non-compliant or potentially non-compliant?</b>
6-4 and Section 2.3.4 of Terrestrial Fauna Management Plan
<b>Was the implementation condition or procedure non-compliant or potentially non-compliant?</b>
Non-compliant
<b>On what date(s) did the non-compliance or potential non-compliance occur (if applicable)?</b>
Noted in late June 2023 during process of audit


<b>Was this non-compliance or potential non-compliance reported to the Chief Executive Officer, DWER?</b>	
<input type="checkbox"/> Yes <input type="checkbox"/> Reported to DWER verbally    Date _____ <input type="checkbox"/> Reported to DWER in writing    Date _____	<input checked="" type="checkbox"/> No

<b>What are the details of the non-compliance or potential non-compliance and where relevant, the extent of and impacts associated with the non-compliance or potential non-compliance?</b>
A goanna was hit by a vehicle on the haul road on 9 December 2022. The incident was reported and investigated internally, however was not reported to the Ngaanyatjarra Council during the CAR period.
<b>What is the precise location where the non-compliance or potential non-compliance occurred (if applicable)? (please provide this information as a map or GIS co-ordinates)</b>
Site access road into WMP. Exact location not available.
<b>What was the cause(s) of the non-compliance or potential non-compliance?</b>
Failure to understand need to report incident to NGC.
<b>What remedial and/or corrective action(s), if any, were taken or are proposed to be taken in response to the non-compliance or potential non-compliance?</b>
Regular communication meetings between OZ and NGC have been established in 2023. Incidents form part of the standing agenda.
<b>What measures, if any, were in place to prevent the non-compliance or potential non-compliance before it occurred? What, if any, amendments have been made to those measures to prevent re-occurrence?</b>
No formal system of reporting death of culturally significant fauna was in place at the time of the event due to early commencement of construction works (11 November 2022). Inclusion of incident reporting in fortnightly communication meetings between OZ and NGC will prevent re-occurrence.
<b>Please provide information/documentation collected and recorded in relation to this implementation condition or procedure:</b>
<ul style="list-style-type: none"> <li>• in the reporting period addressed in this Statement of Compliance; and</li> <li>• as outlined in the approved Compliance Assessment Plan for the Statement addressed in this Statement of Compliance.</li> </ul> <b>(the above information may be provided as an attachment to this Statement of Compliance)</b>
See Appendix 1 of CAR. Information included internal MYOSH Incident Report.

Each page (including Attachment 2) must be initialed by the person who signs Section 4 of this Statement of Compliance.  
 INITIALS: KA

**4. Proponent Declaration**

I, Jane Macey, (full name and position title)  
 declare that I am authorised on behalf of OZ Minerals  
 (being the person responsible for the proposal) to submit this form and that the information  
 contained in this form is true and not misleading.

Signature:  Date: Aug 10, 2023

Please note that:

- it is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give or cause to be given information that to his knowledge is false or misleading in a material particular; and
- the Chief Executive Officer of the DWER has powers under section 47(2) of the *Environmental Protection Act 1986* to require reports and information about implementation of the proposal to which the statement relates and compliance with the implementation conditions.

**5. Submission of Statement of Compliance**

One hard copy and one electronic copy (preferably PDF on CD or thumb drive) of the Statement of Compliance are required to be submitted to the Chief Executive Officer, DWER, marked to the attention of Manager, Compliance (Ministerial Statements).

Please note, the DWER has adopted a procedure of providing written acknowledgment of receipt of all Statements of Compliance submitted by the proponent, however, the DWER does not approve Statements of Compliance.

**6. Contact Information**


Queries regarding Statements of Compliance, or other issues of compliance relevant to a Statement may be directed to Compliance (Ministerial Statements), DWER:

**Manager, Compliance (Ministerial Statements)**  
**Department of Water and Environmental Regulation**

Postal Address: Locked Bag 10  
 Joondalup DC  
 WA 6919  
 Phone: (08) 6364 7000  
 Email: [compliance@dwer.wa.gov.au](mailto:compliance@dwer.wa.gov.au)

**7. Post Assessment Guidelines and Forms**

Post assessment documents can be found at [www.epa.wa.gov.au](http://www.epa.wa.gov.au)

Each page (including Attachment 2) must be initialed by the person who signs Section 4 of this Statement of Compliance.  
 INITIALS: 

## ATTACHMENT 1

Table 1 Compliance Status Terms

Compliance Status Terms	Abbrev	Definition	Notes
Compliant	C	Implementation of the proposal has been carried out in accordance with the requirements of the audit element.	This term applies to audit elements with: <ul style="list-style-type: none"> <li>ongoing requirements that have been met during the reporting period; and</li> <li>requirements with a finite period of application that have been met during the reporting period, but whose status has not yet been classified as 'completed'.</li> </ul>
Completed	CLD	A requirement with a finite period of application has been satisfactorily completed.	This term may only be used where: <ul style="list-style-type: none"> <li>audit elements have a finite period of application (e.g. construction activities, development of a document);</li> <li>the action has been satisfactorily completed; and</li> <li>the DWER has provided written acceptance of 'completed' status for the audit element.</li> </ul>
Not required at this stage	NR	The requirements of the audit element were not triggered during the reporting period.	This should be consistent with the 'Phase' column of the audit table.
Potentially Non-compliant	PNC	Possible or likely failure to meet the requirements of the audit element.	This term may apply where during the reporting period the proponent has identified a potential non-compliance and has not yet finalized its investigations to determine whether non-compliance has occurred.
Non-compliant	NC	Implementation of the proposal has not been carried out in accordance with the requirements of the audit element.	This term applies where the requirements of the audit element are not "complete" have not been met during the reporting period.
In Process	IP	Where an audit element requires a management or monitoring plan be submitted to the DWER or another government agency for approval, that submission has been made and no further information or changes have been requested by the DWER or the other government agency and assessment by the DWER or other government agency for approval is still pending.	<b>The term 'In Process' may not be used for any purpose other than that stated in the Definition Column.</b>  The term 'In Process' may not be used to describe the compliance status of an implementation condition and/or procedure that requires implementation throughout the life of the project (e.g. implementation of a management plan).

Each page (including Attachment 2) must be initialed by the person who signs Section 4 of this Statement of Compliance.

INITIALS: \_\_\_\_\_







# OZ Minerals CAR 1188 Final R1

Final Audit Report

2023-08-10

Created:	2023-08-08
By:	Shoanne Labowitch (shoanne.labowitch@ozminerals.com)
Status:	Signed
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