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Assessment Report

Mining Lease Application

Wilcherry-Weednanna Gold & Iron Project



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Acknowledgement of Country

As guests here on Kaurna land, we acknowledge everything this department does impacts on Aboriginal country, the sea, the sky, its people and the spiritual and cultural connection which have existed since the first sunrise. Our responsibility is to share our collective knowledge, recognise a difficult history, respect the relationships made over time, and create a stronger future. We are ready to walk, learn and work together.

Date:	Comment:
28 August 2025	First Version

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1. Application assessment outcome

Mineral Lease (ML) 6565 was granted to Alliance (Eyre) Pty Ltd on 21 August 2025 following a detailed assessment of the lease application made on 28 June 2023 for the Wilcherry-Weednanna Gold and Iron Project.

This followed the Department for Energy and Mining (DEM) assessment of the application which concluded that based on the application, public submissions, response document and this assessment report, the Minister (or delegate) could proceed to grant a Mineral Lease to Alliance (Eyre) Pty Ltd for a term of 10 years.

DEM's assessment of the application concluded that:

- Based on the applications description of the environment and proposed operations, appropriate environmental outcomes have been identified and can be achieved, and any potential impacts are balanced by environmental, economic and/or social benefits.
- Sufficient investigations and considerations have been undertaken to determine the recommended terms, conditions and requirements set out in **Appendix 5**.

This report has been prepared in accordance with the requirements of the *Mining Act 1971* (the Act) and details the assessment of the application made by Alliance (Eyre) Pty Ltd leading to the grant of the mineral lease.

2. Application information

Applicant: Alliance (Eyre) Pty Ltd

Project Name: Wilcherry–Weednanna Gold and Iron Project

Exploration Licence (EL) Number: EL 6188

Project Location: Wilcherry Hill area, approximately 45km north of Kimba

Application Type: Mineral Lease (ML)

Primary Commodities Sought: Gold and Iron ore,

Other Commodities Sought: Silver and Copper

Application Submission Date: 28 June 2023

3. Application Summary

The mineral lease (ML) covers a 4,716.21 hectare area, which is over a portion of Exploration Licence (EL) 6188, which has a total area of 387 square kilometres or 38,700 hectares.

4. Application validity assessment

The application was supported by a Mining Proposal (hereafter referred to as the proposal)

At the time of submission, the application complied with the necessary requirements of the Act and Mining Regulations 2020 (the Regulations) and was **assessed as valid**. Refer to **Appendix 1** for the assessment.

5. Applicant's consultation

The applicant has complied with the legislative requirements to undertake consultation on their application and mining proposal and set out the results of that consultation within the proposal document. Refer to **Appendix 2** for the assessment.

6. Statutory and Technical Referrals

6.1 Statutory Referrals

The application area does not fall within a specially protected area as defined by section 6 and 56G of the Act, and no statutory referrals were required under the Act, therefore, no statutory referrals were required under the Act.

The application area does not fall within a Regional Reserve; therefore, no statutory referral was required under the *National Parks and Wildlife Act 1972*.

In accordance with the *Planning Development and Infrastructure Act 2016* (PDI Act), the application area falls within the Far North area as defined by Schedule 14 (Mineral Production Tenement Areas) of the *Planning Development and Infrastructure (General) Regulations 2017*. Hence, DEM referred the application to the Department for Trade and Investment (DTI), which is responsible for planning referrals, for their comment.

DEM did not receive a response from the Minister or delegated. As the PDI Act only requires that the application is referred for advice, DEM considers this requirement satisfied.

6.2 Technical Referrals

Comments were sought from technical experts within relevant government departments:

- a) Environment Protection Authority (EPA) – Air Quality, Noise, Water Quality, Waste management (including TSF) & site contamination.
- b) Department for Environment and Water (DEW) - Native Vegetation, Surface water, Groundwater, Pastoral Board & EPBC matters.
- c) South Australian Arid Lands Landscape Board – EPBC matters, Groundwater, Surface Water and Native Vegetation.
- d) Department for Housing and Urban Development (DHUD) – Schedule 14 of the *Planning, Development and Infrastructure (General) Regulations 2017* referral.
- e) Department for Infrastructure and Transport (DIT) - Office for the Outback Communities Authority
- f) Department for Energy and Mining (DEM) – exploration, compliance, mine closure, geological survey, hydrogeology, geochemistry, mining engineer and royalties.

7. Statutory public consultation

A four (4) week statutory public consultation in accordance with section 56H of the Act was undertaken as per the details in **Appendix 3**. Two (2) public submissions were received. These submissions, along with a consolidated list of matters raise by government agencies, were attached to a request for response provided to the applicant on 2 February 2024.

8. Applicant's response document

In accordance with section 56H(4) (public consultation) and 36(2) (technical referral) of the Act, a response document was required and was submitted by the applicant on 3 December 2024.

The Response Document was reviewed by SA Government technical experts, and it was determined to be suitable and appropriate for the purpose of assessing the application.

9. Application assessment

In accordance with section 56ZA of the Act, this report sets out the results of the assessment in relation to all Act and Regulation requirements. See **Appendix 4** for the details of the assessments.

The key assessment outcomes are as follows:

- The proposed lease area can be effectively and efficiently mined

- Appropriate environmental outcomes will be able to be achieved. DEM recommends that these environmental outcomes be prescribed in the fourth schedule of the lease (see **Appendix 5** for the recommended terms, conditions and requirements).
- In determining the recommended terms, conditions and requirements of the lease, it was assessed that:
 - Public submissions and the applicant's response document have been considered
 - All aspects of the environment that may be affected have been assessed and appropriate outcomes set
 - Any other lawful activities that may be affected have been assessed and appropriate outcomes set
 - Any Aboriginal sites or objects within the meaning of the *Aboriginal Heritage Act 1988* that may be affected have been assessed and appropriate outcomes set to ensure protection of Aboriginal heritage
 - Specific terms and conditions resulting from the assessment are set out in First and Second Schedules of the Lease.
- The length of the lease is recommended to be 10 years which takes into consideration the time to prepare the operational Program for Environment Protection and Rehabilitation (Program), construction, operation, rehabilitation, closure and post closure monitoring and completion.

10. Other Legislative Requirements

10.1 Native Vegetation Act 1991

The proposed operations will result in an estimated total clearance of 191.5 hectares (ha) of native vegetation.

All clearance activities associated with the Wilcherry-Weednanna Gold and Iron Project will be undertaken in accordance with the requirements of the *Native Vegetation Act 1991* (SA) (NV Act), the *Native Vegetation Regulations 2017* (SA) (NV Regulations) and the Policy for a significant environmental benefit *Under the Native Vegetation Act 1991 and the Native Vegetation Regulations 2017* (Native Vegetation Council, September 2024).

To allow clearance of native vegetation for the Wilcherry-Weednanna Gold and Iron Project, Alliance (Eyre) must submit an application which outlines how a significant environmental benefit (SEB) will be achieved in accordance with the NV Act, NV Regulation and the Policy for a Significant Environmental Benefit. A Native Vegetation Management Plan for the Wilcherry-Weednanna Gold and Iron Project is to be submitted as part of the operational

Program for Environment Protection and Rehabilitation (PEPR). The clearance of native vegetation outlined in the PEPR is authorised under delegation from the Native Vegetation Council.

10.2 Murray River Act 2003

The application area **does not** fall within the Murray River Protection Area of the Murray Zone or Tributaries Zone.

10.3 Water Act 2007 (Cth)

The application area **does not** fall within the Murray-Darling Basin area.

10.4 National Parks and Wildlife Act 1972

The application are **does not** fall within a sanctuary or conservation area.

10.5 Environment Protection Act 1993

The Proposal describes the following possible prescribed activities:

- Mining/extractives
- Waste (temporary on-site storage; crushing, grinding or milling; listed wastes – cyanides or cyanide solutions and cyanide complexes; asbestos).

As per Schedule 1 of the *Environment Protection Act 1993* (SA), these activities may require authorisations in the form of a works approval and licence.

Alliance (Eyre) Pty Ltd will be required to consult with the EPA in relations to the necessary licence requirements.

10.6 Environment Protection and Biodiversity Conservation Act 1999 (Cwth)

Alliance (Eyre) Pty Ltd have had discussions with the Commonwealth Department of Climate Change, Energy, the Environment and Water (DCCEE) independent to the mining application.

10.7 Landscapes South Australia Act 2019

The *Landscape South Australia Act 2019* promotes sustainable and integrated management of the state's natural resources and provides for their protection. The application was provided to the South Australian Arid Lands Landscape Board for consideration.

10.8 *Planning, Development and Infrastructure Act 2019*

The application area is located within the **Other Areas – Far North Plan** of Schedule 14 'Mineral Production Tenement Area' of the *Planning, Development and Infrastructure (General) Regulations 2017*. The Proposal was referred for advice to the Minister for Planning pursuant to section 160 of the *Planning, Development and Infrastructure Act 2016* on 28 September 2023.

10.9 *Native Title Act 1993 (Cth) under Part 9B of the Mining Act 1971*

The land title is Pastoral Crown Lease and **requires the negotiation** of a Native Title Mining Agreement and/or an indigenous land use agreement (ILUA) with the Gawler Ranges Aboriginal Corporation, subject to Part 9B of the *Mining Act 1971*.

A Native Title Mining Agreement has been negotiated between the parties.

10.10 *Aboriginal Heritage Act 1998*

Alliance (Eyre) Pty Ltd provided a copy of the Search of the Register of Aboriginal Sites and Objects, dated 17 February 2023, administered by Aboriginal Affairs and Reconciliation (AAR).

The *Aboriginal Heritage Act 1988* (SA) protects all Aboriginal sites, objects and ancestral remains throughout South Australia. Under the requirement of that Act, no operations that may damage, disturb or interfere with known Aboriginal heritage cannot be undertaken unless a permit/s is obtained prior to the commencement of operations.

An outcome to address Aboriginal matters is recommended.

10.11 *Electricity (General) Regulations 2012*

The proposal outlines that power will be generated via diesel or gas fired generators located on site. The power distribution cables to the difference facilities, ie. processing plant and ancillary facilities (offices, workshop, exploration shed) will be via underground cables.

There is no requirement for above ground power lines.

10.12 *Radiation Protection and Control Act 2021*

No radioactive material has been identified during the exploration program.

11. Notification of Proposed Terms and Conditions

Prior to determining whether to grant the Mineral Lease (ML), Alliance (Eyre) Pty Ltd was notified of the proposed terms and conditions of the ML in accordance with regulation 33 of the *Mining Regulations 2020* on 1 August 2025.

Alliance (Eyre) Pty Ltd did not make a submission

12. Grant of Tenement

Mining Lease (ML) 6565 was granted on 21 August 2025 for a term of 10 years subject to the condition set out in **Appendix 5**.

13. Application and Assessment metrics

Item	Date
Mineral Lease application received	28 February 2023
Application declared invalid	18 April 2023
Mineral Lease application received	28 June 2023
Application assessed to be valid	19 September 2023
Commencement of statutory public consultation	27 September 2023
End of statutory public consultation	26 October 2023
Request for Response Document	2 February 2024
Extension to provide Response Document	19 April 2024
Extension to provide Response Document	3 July 2024
Extension to provide Response Document	28 October 2024
Response Document submitted	3 December 2024
Response Documents accepted	2 April 2025
Regulation 33 notification of proposed terms and conditions	1 August 2025
Decision made – Grant ML 6565	21 August 2025

Appendix 1 – Application Validity Assessment

Validity Requirement	Assessment	Legislation
<u>Tenure</u> - The applicant must hold the required Act tenure to make an application.	Alliance (Eyre) Pty Ltd is the holder of EL 6188 allowing a mining lease application to be validly made in respect to part of land comprised in EL 6188	Act section 34(1)
<u>Notices, Consents and Agreements</u> - The applicant must have complied with notice, consent and agreement requirements.	Part 9 – Notices: <u>Act section 58A(3)</u> – notice of intent to apply must be served on landowner prior to application. Application must be made within 12 months after serving notice. <u>Act section 80</u> – Simultaneous tenements – consent required by other tenement holders prior to grant	Act section 58A(3) Act section 80
<u>Fee</u> - The application must be accompanied by the correct prescribed fee.	The following prescribed fees accompanied the application and are correct: Base Component: \$1,819 Advertising Component: \$982 Assessment Component: \$65,000	Act section 36(1)(e)
<u>Form</u> - The application must be made in the determined manner and form.	The application correctly used the determined Form 10, and the completed form included the required information.	Act section 36(1)(a)
<u>Boundaries</u> - The application must correctly identify the boundaries of the proposed lease.	The application correctly identified the boundaries of the land in respect of which the lease is being sought in accordance with the requirements of section 56E of the Act. The location of the lease is identified by a survey plan provided by the applicant.	Act section 36(1)(b) and Act section 56E
<u>Determined Terms of Reference</u>	This application was prepared in accordance with determined Terms of Reference TOR 006 which is the standard TOR for metallic minerals.	Act section 36(1)(a) Regulation 30(2) Regulation 46(7)(e)
<u>Mining Proposal</u> - The application must be	The application was accompanied by a mining proposal. The mining	Act section 36(1)(c) Regulation 46

Validity Requirement	Assessment	Legislation
accompanied by a mining proposal that meets the legislative requirements.	proposal included sufficient information to satisfy the requirements of the Act, Regulations and determined Terms of Reference 006.	Regulation 47
<u>Other information</u> - The application must be accompanied by such other information prescribed by the Regulations.	The application included information prescribed by the Regulations to support a valid application.	Act section 36(1)(d) Regulation 30
<u>Declaration of accuracy</u> to accompany application.	The application included an appropriate declaration of accuracy signed by the applicant declaring that the signatory has taken reasonable steps to review the information in the application and to ensure its accuracy.	Regulation 84

Appendix 2 – Assessment of Applicant’s Consultation

Assessment Requirement	Assessment	Legislation
The Proposal must set out the <u>results of the consultation</u> undertaken in connection with the proposed operations in accordance with the regulations	Chapter 6 of the Proposal sets out the applicants results of consultation.	Act section 36(1)(c)(iv)
The consultation on the Proposal must demonstrate reasonable steps have been taken to <u>consult with the owner of land</u> where the authorised operations are proposed to be carried out	Chapter 6 of the Proposal sets out the applicants results of consultation with the owner(s) of land.	Regulation 47(2)(a)(ii)
The results of consultation on the Proposal must set out the person(s) consulted, any <u>issues of concern</u> raised, and the steps (if any) taken or proposed to be taken to address those concerns	Chapter 6 of the Proposal sets out the applicants results of consultation including issues raised and steps to address concerns.	Regulation 47(2)(b)
Consultation requirements set out in <u>Terms of Reference</u>	Chapter 6 of the Proposal sets out information that addressed the consultation requirements set out in the TOR.	TOR006

Appendix 3 - Statutory Public Consultation

Assessment Requirement	Assessment	Legislation
The Minister must ... give notice of the application— (a) to the owner of the land to which the application relates; and (b) if the land is within the area of a council—to the council.	Notice of the application was provided to the owner(s) of land on 21 July 2023. Noting that this application area is outside of council.	Act section 56H(2)
The Minister must publish ... a notice— (a) describing the land to which the application relates and, if relevant, the particular stratum in relation to which the tenement would be, or has been, granted (as the case requires); and (b) specifying a place where the application may be inspected; and (c) inviting written submissions in relation to the application to the Minister within a time specified in the invitation.	Statutory notices specifying an 4 week consultation period for written public submissions were published as follows: <ol style="list-style-type: none"> 1) Government Gazette – 28 September 2023 2) DEM Website – 26 September 2023 3) Advertiser – 28 September 2023 4) Whyalla News - 28 September 2023 5) Transcontinental – 27 September 2023 2 public submissions were received.	Act section 56H(3)
The Minister— (a) must give to the applicant a copy of any public submission received; and (b) may require the applicant to respond to any matter raised in any such public submission within a period specified by the Minister.	Copies of the 2 public submissions were provided to the applicant on 2 February 2024. A Response Document was required with a due date of 2 May 2024. DEM granted several extensions to provide a Response Document. The applicant submitted a response document on 3 December 2024.	Act section 56H(4)

Appendix 4 – Application Assessment

Assessment Requirement	Assessment	Legislation
Minister must not grant a mining lease unless the Minister is satisfied that appropriate environmental outcomes will be able to be achieved.	<p>The MP, public submissions and response document have been assessed and appropriate environmental outcomes will be able to be achieved and are recommended to be prescribed in the lease (see Appendix 5 for the recommended terms, conditions and requirements).</p> <p>All potential impact events have been identified and appropriately investigated. Outcomes are required for those impact events where the source, pathway and receptor are confirmed and the consequence of the impact prior to controls is significant. The control strategies proposed to mitigate potential impacts are set out in Chapter 7 of the MP and have been assessed to be effective in achieving the outcomes. The environmental outcome is a statement of the level of impact subsequent to control strategies.</p>	Act section 37(1)(a)(ii)
Minister must not grant a mining lease if the Minister considers that sufficient investigations have not been carried out in order to ... determine the terms and conditions.	The MP and response document contain sufficient investigations to enable the determination of the recommended lease terms, conditions and requirement (Appendix 5).	Act section 37(1)(b)
Other statutory referrals	<p>The application does fall within an area defined by Schedule 14 (Mineral Production Tenement Areas) of the <i>Planning Development and Infrastructure (General) Regulations 2017</i> and was referred on 28 September 2023. A response of 'no comment' was received.</p> <p>The application area does not fall within a Regional Reserve that would require a statutory referral under the <i>National Parks and Wildlife Act 1972</i>. Therefore the application was not referred.</p>	
In determining whether or not to grant an application	2 public submissions were received.	Act section 56H(6)

Assessment Requirement	Assessment	Legislation
<p>... and, if so, the terms and conditions on which it should be granted, the Minister must have regard to any public submissions or applicant response document received under s56H subsection (3) or (4).</p>	<p>1 submission supported the application; therefore, it didn't raise any matters to be addressed in the response document.</p> <p>1 submission raised matters related to a previous mining tenement, owned by another company.</p> <p>The applicant's response document has provided sufficient information to support governments assessment of the applications.</p>	
<p>The Minister must, in determining the terms and conditions ... give proper consideration to—</p> <p>(a) any aspect of the environment that may be affected by the conduct of authorised operations under the tenement; and</p> <p>(b) any other lawful activities that may be affected by those authorised operations; and</p> <p>(c) any Aboriginal sites or objects within the meaning of the <i>Aboriginal Heritage Act 1988</i> that may be affected by those authorised operations</p>	<p>Environmental outcomes are recommended (refer to Appendix 5) that relate to aspects of the environment, lawful activities and aboriginal heritage that may be affected.</p> <p>The assessment has concluded that these environmental outcomes are appropriate and that the applicant has proposed control strategies that would be effective in achieving those outcomes.</p>	Act section 56l(2)
<p>A mining lease may be granted for such term as may be determined by the Minister and specified in the lease.</p>	<p>The length of the lease is recommended to be 10 years which takes into consideration the following:</p> <ul style="list-style-type: none"> a) Development of an operational program – 1 year b) Construction & commissioning – 1 years c) operation – 5 years d) decommissioning, rehabilitation & closure monitoring – 3 years 	Act section 38(1)
<p>Mining lease is subject to such terms and conditions that may be prescribed and additional terms and</p>	<p>The following additional lease terms and conditions are recommended (see Appendix 5):</p> <ul style="list-style-type: none"> 1) Term to ensure mining operations are consistent with 	Act section 35(3)

Assessment Requirement	Assessment	Legislation
<p>condition as the Minister thinks fit.</p>	<p>the Mining Proposal and Response document</p> <ol style="list-style-type: none"> 2) Conditions for submission of the initial PEPR, commencement of operations and ongoing operations 3) Condition to ensure access to pastoral land by the pastoral lessee 4) Condition to ensure appropriate cyanide disposal 5) Conditions to ensure adequate management and reporting in relation to the Tailings Storage Facility 6) Condition to ensure ongoing review of groundwater model and monitoring data 7) Condition to notify of cessation of operations 8) Condition to develop a decommissioning and rehabilitation plan 9) Condition for complying with other legislation. 	

Appendix 5 – Recommended Terms, Conditions and Requirements

FIRST SCHEDULE

ADDITIONAL TERMS

Explanatory note: A term confers a right to a Mineral Tenement.

Authorised Mining Operations

1. The grant of the Mineral Tenement authorises mining operations for the recovery of minerals, including but not limited to: 1.1. Gold

1.2. Iron ore

1.3. Copper

1.4. Silver.

2. The grant of the Mineral Tenement authorises mining operations that are consistent with the mining operations described in the Mining Proposal document dated 30 June 2023 and Response Document dated 3 December 2024.

SECOND SCHEDULE
ADDITIONAL CONDITIONS

Explanatory note: A condition is a clause that imposes a restriction on a Mineral Tenement.

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Transparency

1. The Tenement Holder consents to any reportable incident reports submitted under the Regulations being made available for public inspection.

Submission of Proposed Program

2. The Tenement Holder must submit a Proposed PEPR for the purposes of Part 10A of the Act within 12 months after the grant of the Mineral Tenement or within such longer period of time as the Minister or a person authorised by the Minister may allow.
3. The Tenement Holder must include in a Proposed Program the information within the Fourth Schedule of the Lease pursuant to Section 70B(2)(d) of the Act.

Commencement of Operations

4. The Tenement Holder must commence mining operations in accordance with the Approved PEPR under Part 10A of the Act within 12 months after the program has been approved or within such longer period as the Minister or a person authorised by the Minister may allow.

Continuation of Operations

5. After commencement of mining operations, the Tenement Holder must continue mining operations in accordance with the requirements of the Approved PEPR or any subsequent revised PEPR.

Change in Details

6. The Tenement Holder must furnish to the Mining Registrar information about any of the following:
 - 6.1. A change in the name of the Tenement Holder;
 - 6.2. A change in the registered or business address of the Tenement Holder, or a change in any other address provided for correspondence or service including an email address;
 - 6.3. The Tenement Holder entering into any form of Insolvency Administration.
7. The information required by clause 6 must be provided within 14 days after the requirement to furnish the information arises.

Access to Pastoral Lessee

8. If the Land is subject to a pastoral lease under the *Pastoral Land Management and Conservation Act 1989*, the Tenement Holder must give the pastoral lessee access to the land for domestic purposes and for watering stock (although the Tenement Holder is not required to give the pastoral lessee access to water provided or stored by the lessee by artificial means).

Cyanide Disposal

9. The Tenement Holder, at mine completion, must ensure that sodium cyanide is disposed of in accordance with the International Cyanide Management Code For the Manufacture, Transport, and Use of Cyanide In the Production of Gold.

Tailings Storage Facility (TSF)

10. The Tenement Holder must ensure that post Completion, all final mine landforms (including the TSF) will be chemically and physically stable in the long term.
11. Following completion of detailed design of the TSF and Decant Pond, the following documentation for the TSF and Decant Pond must be developed and maintained:
 - 11.1. Construction documentation;
 - 11.2. Design drawings and quantity schedule;
 - 11.3. Technical specifications;
 - 11.4. Construction Quality Assurance (CQA) Manual;
 - 11.5. Operations, Maintenance Surveillance (OMS) Manual; and
 - 11.6. Dam Safety Emergency Plan (DSEP).

Tailings Storage Facility (TSF) Audits

12. The TSF and Decant Pond construction, operation and closure must be audited against (i) the design, design criteria and plans that have been adopted for the TSF and Decant Pond construction, operation and closure, (ii) all of the documentation listed in Second Schedule Condition 9 and (iii) the most recent version of the ANCOLD Tailings Dam Guidelines:
 - 12.1. For the Stage 1 TSF and Decant Pond embankment foundation preparation and embankment construction; and
 - 12.2. For each subsequent stage of TSF and Decant Pond embankment foundation preparation and embankment construction; and
 - 12.3. On a three (3) monthly basis during Stages 1 and 2 of TSF and Decant Pond operations or at a frequency as the Minister or a person authorised by the Minister may specify by notice in writing; and
 - 12.4. After the final discharge of tailings into the TSF and prior to commencement of final rehabilitation, closure and decommissioning of the TSF and Decant Pond; and
 - 12.5. After the final TSF and Decant Pond rehabilitation, closure and decommissioning works have been completed.
13. The expert must prepare reports of the findings of each audit.

14. The initial expert report for the audit of the Stage 1 TSF and Decant Pond foundation preparation and embankment construction must be provided to the Minister, or a person authorised by the Minister, prior to the placement of tailings and waste into the TSF.
15. The expert report for the audit which occurs after the final discharge of tailings into the TSF must be provided to the Minister or a person authorised by the Minister, prior to the commencement of final rehabilitation of the TSF and Decant Pond.

Groundwater modelling

16. To the satisfaction of the Minister, or person authorised by the Minister, establish a groundwater modelling plan for the ongoing review and revision of the groundwater model.
17. The groundwater modelling plan must:
 - 17.1. set out the process and scope for the ongoing review and revision of the groundwater model;
 - 17.2. set out a schedule of timing for the key milestones, commitments and deliverables identified within the plan;
 - 17.3. include a commitment to review (and revise if necessary) operational groundwater management plans prior to the commencement of mining operations; and
18. The revised groundwater model must incorporate data obtained from ongoing groundwater monitoring.

Notification of Cessation of Operations

19. Within thirty (30) days of becoming aware of any event or decision which is likely to give rise to the cessation of mining operations for a period of more than seven (7) days and prior to the cessation of mining operations, the Tenement Holder must notify the Minister, or person authorised by the Minister, in writing of the event or decision. The notice must specify the date upon which the mining operations are expected to cease or have ceased and an estimate of the period of cessation.

Decommissioning and Rehabilitation Plan (DRP)

20. If the Tenement Holder decides to cease mining operations or an event occurs that is likely to give rise to the permanent cessation of mining operations, the Tenement Holder must develop a DRP and submit it to the Minister, or person authorised by the Minister, for approval within thirty (30) days of the decision or event (or such longer period as approved by the Minister, or person authorised by the Minister).
21. The DRP must:
 - 21.1. Set out the activities and scheduling required for the carrying out of the rehabilitation works specified in the Approved PEPR
 - 21.2. Be prepared in accordance with any guidelines provided by the Minister, or person authorised by the Minister.
22. The Tenement Holder must carry out decommissioning and rehabilitation in accordance with the approved DRP and the Approved PEPR.
23. If, in the opinion of the Minister, or person authorised by the Minister, mining operations have substantially ceased for a period of two (2) consecutive years, the Minister, or person authorised by the Minister, may direct the Tenement Holder:
 - 23.1. To develop and submit a DRP (which must address the requirements of Second Schedule Condition 21) for approval within thirty (30) days of the direction or such longer period as the Minister, or person authorised by the Minister, may allow; and/or
 - 23.2. To carry out decommissioning and rehabilitation in accordance with the approved DRP and the Approved PEPR.

Other Legislation

24. The Tenement Holder must comply with all State and Commonwealth legislation and regulations applicable to the activities undertaken pursuant the grant of the Mining Tenement including (but not limited to) the:
 - 24.1. *Environment Protection and Biodiversity Conservation Act 1999* (Cth).
 - 24.2. *Dangerous Substances Act 1979* (SA).
 - 24.3. *Planning, Development and Infrastructure Act 2016* (SA).

- 24.4. *National Parks and Wildlife Act 1972 (SA).*
- 24.5. *Landscape South Australia Act 2019 (SA).*
- 24.6. *Work Health and Safety Act 2012 (SA).*
- 24.7. *Radiation Protection and Control Act 2021 (SA).*
- 24.8. *Aboriginal Heritage Act 1988 (SA).*
- 24.9. *Heritage Places Act 1993 (SA).*
- 24.10. *Native Title Act 1993 (Cth).*
- 24.11. *Environment Protection Act 1993 (SA).*
- 24.12. *Native Vegetation Act 1991 (SA); and*
- 24.13. *Road Traffic Act 1961 (SA).*

FOURTH SCHEDULE

ENVIRONMENTAL OUTCOMES AND ASSOCIATED CRITERIA PURSUANT TO SECTION 70B(2)(b) OF THE MINING ACT 1971 AND STRATEGIES PURSUANT TO REGULATION 63(1)(b) OF THE MINING REGULATIONS 2020

Explanatory note: The Fourth Schedule of this Tenement Document sets out outcomes contemplated in section 70B(2)(b) of the Act, that the Tenement Holder is required to address in any program submitted in accordance with Part 10A of the Act. The Fourth Schedule may also specify requirements for strategies and criteria relevant to the outcomes set out in that Schedule.

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Native Vegetation Outcome

1. The Tenement Holder must, during construction and operation, ensure that there is no loss of abundance and/or diversity of native vegetation on or off the Land through;

- clearance
- dust/contaminant deposition,
- fire,
- flooding
- other damage

unless a significant environmental benefit has been approved in accordance with the relevant legislation.

Native Fauna Outcome

2. The Tenement Holder must, during construction and operation ensure there are no adverse impacts on the abundance and/or diversity of native fauna species as a result of mining operations.

Weeds and Pest Outcome

3. The Tenement Holder must, during construction and operation, ensure no introduction of new species of weeds, plant pathogens or pests (including feral animals), nor sustained increase in abundance of existing weed or pest species that could have been reasonably prevented.

Soil Outcome

4. The Tenement Holder must, during construction, operation and post Completion, ensure there is no contamination of land and soils either on the land as a result of mining operations.

Surface Water Outcome

5. The Tenement Holder must, during construction, operation and post Completion, ensure that there is no adverse impact on surface water quality and quantity available to water dependent ecosystems and third-party users as a result of contamination from mining operations

Groundwater Outcome

6. The Tenement Holder must, during construction, operation and post-Completion, ensure that there is no adverse impact to the quality and/or quantity of groundwater available to groundwater dependent ecosystems or existing users caused by mining operations.

Groundwater Criteria

7. The Tenement Holder is required to address the following matters for the purposes of Regulation 63(1)(c) of the *Mining Regulations 2020* in relation to clause 6: 7.1. Establish compliance groundwater monitoring bores that are at appropriate locations and of sufficient density and depth to measure groundwater elevations, water quality and movement of groundwater off the Land.

Heritage Outcome

8. The Tenement Holder must, during construction and operation ensure there is no damage, disturbance or interference to Aboriginal and non-Aboriginal heritage sites, objects or remains as a result of mining operations unless it is authorised under the relevant legislation.

Waste Outcome

9. The tenement holder must, during construction, operation and post Completion, ensure that no contamination of natural water drainage systems, groundwater, land and soils occurs either on or off the Land resulting from permanent disposal or temporary storage of mine waste material.

Waste Strategy

10. The Tenement Holder is required to address the following matters for the purposes of Regulation 63(1)(b) of the *Mining Regulations 2020* in relation to clause 11:
 - 10.1. Provide a revised geochemical assessment that addresses the following matters (but not limited to):
 - 10.1.1. Is based on a larger representation sample size for all rock types
 - 10.1.2. Includes an updated AMD classification (NAPP vs NAG diagram)
 - 10.1.3. Includes an updated volume/mass of NAF and PAF material for each rock type
 - 10.2. Provide a description of where all NAF and PAF material will be disposed of and the method of disposal
 - 10.3. Develop and provide an AMD Management Plan including (but not limited to):
 - 10.3.1. Procedures for verifying PAF and NAF material during operations for the purpose of providing a final check that all PAF and NAF materials have been correctly identified; and
 - 10.3.2. Procedures and recordings systems for selective mining of the identified PAF and NAF waste rock materials and their placement; and
 - 10.3.3. Quality control arrangements for the placement and management of PAF material including supervision by appropriately qualified and experienced persons, documented procedures, quality control testing and record keeping; and
 - 10.3.4. Management of acid sulphate soils.

- 10.4. If co-disposal or non-selective placement of PAF and NAF is adopted as a strategy the provide justification that there will be no impact from AMD and NMD and that relevant outcomes will be achieved.
- 10.5. Ensure that the final landform will be chemically stable post Completion.

Noise Outcome

11. The Tenement Holder must, during construction and operation, ensure that there are no public health and/or nuisance impacts from noise or vibration generated by mining operations.

Air Quality Outcome

12. The Tenement Holder must, during construction and operation, ensure that there are no public health and/or nuisance impacts from air emissions, dust and odour generated by mining operations.

Traffic Outcome

13. The tenement holder must, during construction and operation, ensure there are no traffic accidents involving members of the public and mine related traffic that could have been reasonably prevented by the tenement holder.

Public Safety Outcome

14. The Tenement Holder must, during construction and operation, ensure that unauthorised entry to the land does not result in public injuries and/or deaths that could have been reasonably prevented.
15. The Tenement Holder must, during post Completion demonstrate that the risks to the health and safety of the pubic, so far as they may be affected by mining operations, are as low as reasonably practicable

Hazardous Minerals Outcome

16. The Tenement Holder must, during construction, operation and post Completion, ensure no public health impacts from asbestiform minerals generated by mining operations.

Hazardous Minerals Strategy

17. The Tenement Holder is required to address the following matters for the purpose of Regulation 63(1)(b) of the *Mining Regulations 2020* in relation to Fourth Schedule Clause 16:

17.1. Develop a Fibrous Minerals Management Plan that addresses:

- 17.1.1. Analysis of asbestiform minerals in the open pit and underground deposits; and
- 17.1.2. Daily inspection of ore blocks; and
- 17.1.3. Sample any material suspected of being asbestiform minerals; and
- 17.1.4. Independent third-party analysis of these samples; and
- 17.1.5. Any material suspected of being asbestiform material in the walls or backs of development drivers will be completely covered in marker paint as protection from the release of harmful fibrous material.

Cyanide Outcome

18. The Tenement Holder must, during construction, operation and post Completion, ensure there are no public health impacts from the use of sodium cyanide during mining operations.

Cyanide Strategy

19. The Tenement Holder is required to address the following matters for the purpose of Regulation 63(1)(b) of the *Mining Regulations 2020* in relation to clause 21:

19.1. Develop a Cyanide Management Plan in accordance with International Cyanide Management Code For the Manufacture, Transport, and Use of Cyanide In the Production of Gold which includes the following:

- 19.1.1. Cyanide Reduction; and
- 19.1.2. Safe Storage and Transportation; and

- 19.1.3. Tailings Management; and
- 19.1.4. Water Treatment; and
- 19.1.5. Long-term Monitoring; and
- 19.1.6. Mine rehabilitation and closure.

Visual Amenity Outcome

- 20. The tenement holder must, during construction, operation and post Completion, ensure the form, contrasting aspects and reflective aspects of mining operations are visually softened to blend in with the surrounding landscape.

Protection of third-party property Outcome

- 21. The Tenement Holder must, during construction and operation, ensure that there is no adverse impact to adjacent private or public property and infrastructure, including that caused by fire, as a result of mining operations.

Blasting Outcome

- 22. The Tenement Holder must, during construction and operation, ensure that there are no adverse impacts to:
 - 22.1. public safety;
 - 22.2. human comfort;
 - 22.3. third party property (including stock);
 - 22.4. adjacent infrastructure and operations; and
 - 22.5. other receptorsfrom vibrations, air overpressure or fly rock caused by mining operations.

Further information

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