# The Role of Impact Assessment in Delivering South Australia's Critical Minerals Projects



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Australia

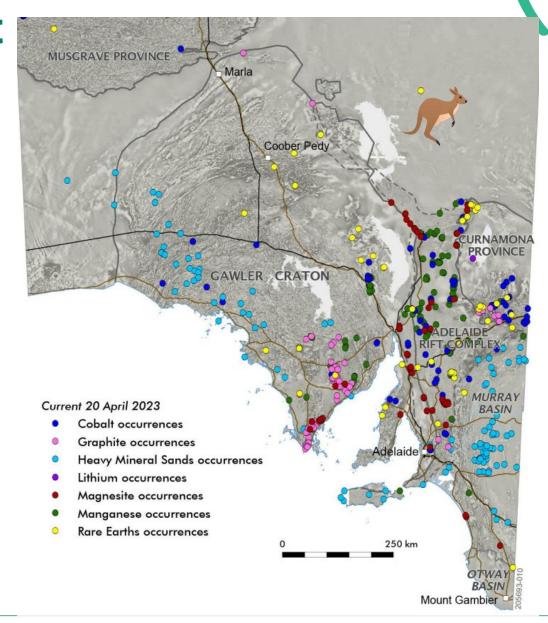
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### **South Australia context**





Action 7

## South Australian Draft Critical Minerals Strategy



Expected release mid-2024

### Objectives:

- Expand SA's critical minerals processing
- Accelerate resource discovery, evaluation & development
- ➤ Leverage copper production

# Robust regulation and strong ESG credentials

Investors and stakeholders increasingly recognise the importance of sustainable and responsible investment practices underpinned by ESG principles. The South Australian

government is committed to fostering an environment that

South Australia is internationally recognised for our transparent and consistent regulatory framework for mining and exploration activities. Our state's one window to government approach delivers streamlined assessment and regulation of projects. It maintains stringent environmental management consistent with community expectations.

In addition to providing security of tenure, this regulatory approach ensures legislative requirements for environmental protection, water management, biodiversity and native vegetation are recognised, assessed and embedded into

mining and exploration activities. Particular recognition is given to Aboriginal heritage, Native Title commitments and engagement with First Nations groups.

South Australia will continue to build on our reputation as a stable, low risk jurisdiction. We will explore options to foster strong corporate ESG practice and improve assessment efficiency through robust regulatory and policy decisions.

The state's proposed Hydrogen and Renewable Energy Act aims to introduce a similar one window to government licencing and regulatory system for the lifecycle of large-scale hydrogen and renewable energy projects.

- Foster strong corporate environmental, social and governance (ESG) practice through robust regulation and policy.
- Continue to deliver South Australia's regulatory regime and improve assessment efficiency.

# **SA** regulatory framework

Version: 1.1.2024 South Australia Mining Act 1971 An Act to regulate and control mining operations; and for other purposes.

#### Contents

#### Part 1—Preliminary

- Short title Interpretation
- Application of Act Declaration of minera
- Opal development are
- Exempt land
- 9AA Waiver of exemption Special declared areas 9A
- 10 Mining in respect of
- Interaction with other



Mineral mine lease/licence applications

Notice under section 36 of the Mining Act 1971



**Leading practice for** undergoing scoping





Mining Act regulation, compliance and enforcement

**Transparency** 

#### INTRODUCTION

In South Australia, the Mining Act 1971 and Mining Regulations 2020 are administered by the mineral resources division (MRD) of the Department for Energy and Mining, guided by principles of certainty, openness, transparency, flexibility, practicality and efficiency

In keeping with these principles, MRD publishes information on its regulatory activities and those of tenement holders on authorised operations. This policy outlines the information and technical data that is publicly accessible

The department's website offers guidelines and polici documents that can help you understand Mining Act requirements and the department's expectations.

MRD is committed to good practice. We recognise that this policy's ongoing implementation and continuous improvement will build greater accountability and trust through greater transparency, particularly for current and future community members and the general public who may be impacted by or are interested in Mining Act authorised operations.

#### TRANSPARENCY COMMITMENTS

- assessment and compliance activities will be publicly available in accordance with the Mining Act and related guidelines and policies, to allow visibility into whether tenement holders and the department are fulfilling their obligations.
- . Documents will be public unless the Mining Act stipulates otherwise, to allow the public to participate more effectively in processes that
- . We will ensure public documents can be found and
- . We will be transparent about our decision-making

#### TRANSPARENCY REPORTING

The Department for Energy and Mining is committed to being open and accountable. We aim to proactively make information available online or by written request. In line with our commitment to transparency we publish

- an annual regulatory report outlining our regulatory activity for the year
- · geoscientific, geospatial and licence data on the South Australian Resources Information Gateway
- other relevant supporting information on our website energymining.sa.gov.au

#### MINING REGISTER AND **INFORMATION**

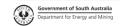
#### **Mining Register**

As established in the Mining Act Part 2A - Mining Register and Information, the Mining Registrar must keep a register (the Mining Register-

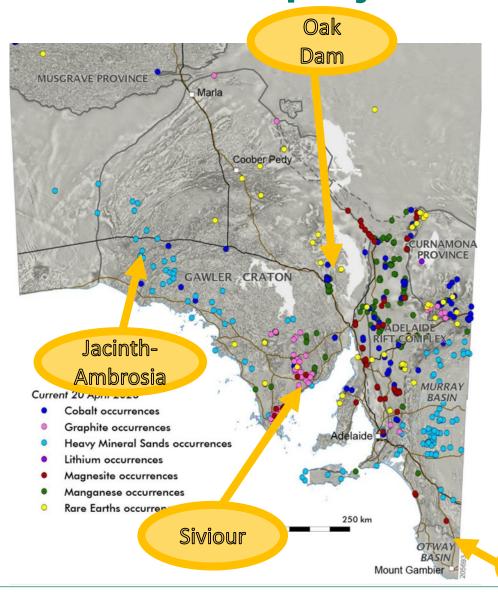
The Mining Registrar is empowered with the discretion to contain other information on the Mining Register as the Registrar thinks fit, and in such forms including in electronic form, as the Registrar thinks fit.

Mining Register items:

- · are free to access where publicly available
- · create a picture of the entire life of a tenement
- can provide communities, native title holders and landowners with a real-time indication of what exploration and mining activities have been approved over South Australian land
- · assist in industry due diligence and claims for



### **Current critical minerals projects**



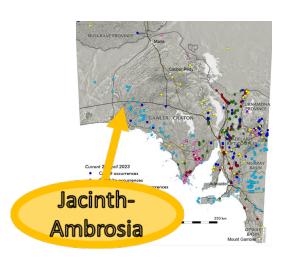


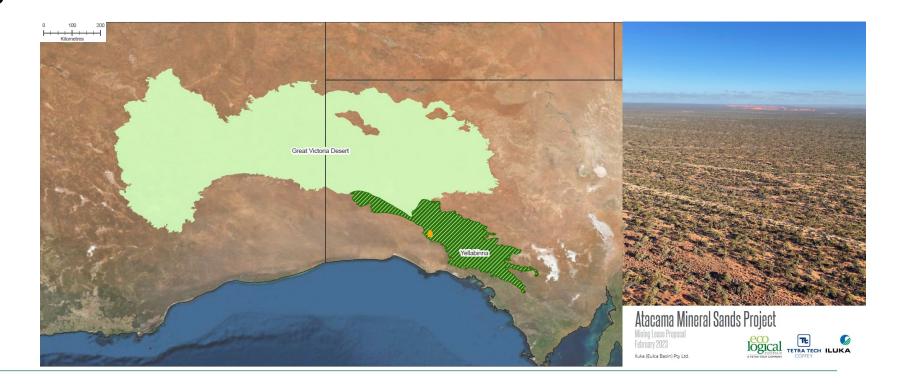
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### **Jacinth-Ambrosia Mineral Sands Mine**

- ➤ Complex regulatory IA framework
- ➤ Cultural heritage
- ➤ Biodiversity loss

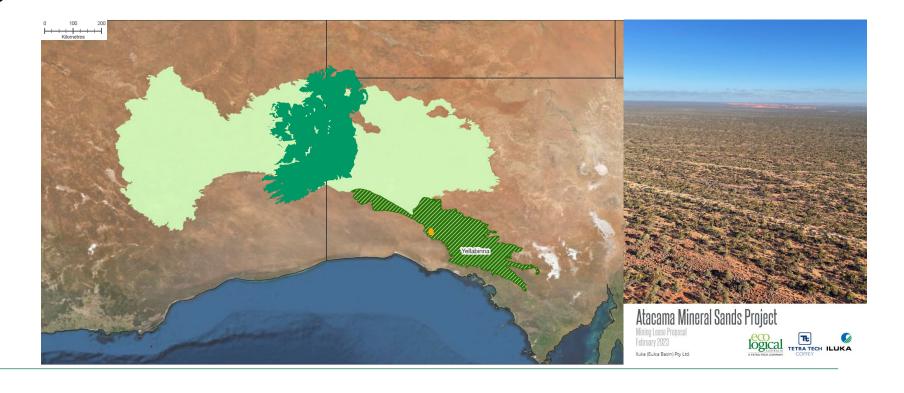




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### **Siviour Graphite Project**



SIVIOUR GRAPHITE PROJECT

**Mining Lease Proposal** 

Application and approval process

On 28 August 2018 Ausmin submitted a mining proposal (2 (PDF) to support a mining lease application to the Department for Energy and Mining for the Siviour Graphite Project.

On 19 September 2018, the Minister for Energy and Mining published the mining proposal and sought written submissions from members of the public relation to the application. The period for public comment closed on the 18 October 2018.

One public submission was received from Tumby Bay Residents and Ratepayers Association Inc:

TBRARA Inc submission ☑ (PDF 869 KB)

The Department for Energy and Mining requested Ausmin provide a response to the public submission and other technical matters raised by government agencies. A copy of the letter can be found here:

• Department for Energy and Mining request letter ☑ (PDF 3 MB)

- Response document for Sivour Graphite Project MC 4462 ☑ (PDF 7 MB)
- Presponse supporting document for Siviour Graphite Project MC 4462 Asbestos Materials Management Plan ☑ (PDF 9 MB)
- Presponse supporting document for Siviour Graphite Project MC
  4462 Appendix B Borelogs ☎ (PDF 226 KB)
- Response supporting document for Siviour Graphite Project MC
  4462 Soil Sampling Test Results (PDF 103 KB)
- Response Supporting Document for Siviour Graphite Project MC 4462 - Impact and Risk Register (PDF 289 KB)

On 5 April 2019, ML 6495 was granted.

 Assessment report for the application of ML for the Siviour Graphite Project 
 ☐(PDF 3 MB)



for the application for a mineral lease from Ausmin Development for the Siviour Project



Government of South Australia

Department for Energy and Mining

Prepared by Mining Regulation Branch Department for Energy and Mining SOUTH AUSTRALIA 19 March



Source: www.renascor.com.au

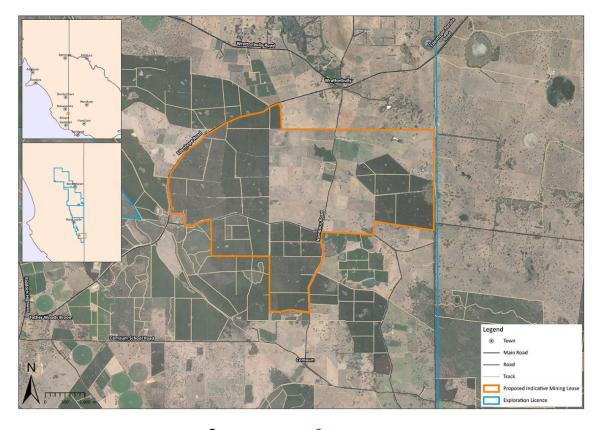
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### Koppumurra Rare Earth Elements Project

Social impacts - Key impact assessment consideration





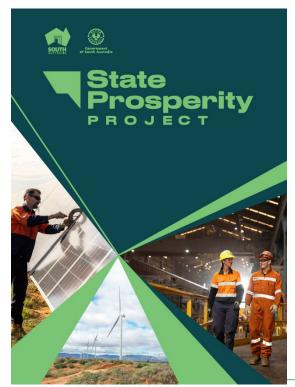
Source : <u>www.ar3.com.au</u>

### **Upper Spencer Gulf**

> SA Prosperity Plan

Northern Water Project

Oak Dam



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### Conclusion



Welcome to the critical minerals and mine waste dashboards. These interactive dashboards bring together information on South Australia's critical mineral potential both in the ground and now on the surface as mine waste, delivered as real-time data from the South Australian Resource Information Gateway's web services.

The Department for Energy and Mining is committed to expanding our understanding of South Australia's critical mineral potential. These dashboards provide new insights into occurrences and known resources, as well as the potential of tailings, stockpiles and waste dumps to assist exploration, promote innovation and support informed decision-making.

Click to filter commodities and projects or hover to receive extra tool tips. Further information and data downloads are available via SARIG 1







### More information:

https://www.energymining.sa.gov.au/industry/geological-survey/gssa-projects/critical-minerals-south-australia

# Let's continue the conversation!

Post questions and comments in the IAIA24 app.

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