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

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South Australia context

Current 20 April 2023
- Cobalt occurrences
- Graphite occurrences
- Heavy Mineral Sands occurrences
- Lithium occurrences
- Magnesite occurrences
- Manganese occurrences
- Rare Earths occurrences

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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

- 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

South Australia
Mining Act 1971

An Act to regulate and control mining operations; and for other purposes.

Contents
Part I—Preliminary
1 Short title
6 Interpretation
7 Application of Act
8 Declaration of mining areas
9A Opcal development areas
9A Exempt lands
9A Special declared areas
10 Mining in respect of
10B Interaction with other

Aboriginal engagement, good faith negotiation and agreement making

Aboriginal culture learning framework

Leading practice engagement

Leading practice for undergoing scoping

An introduction to social impact assessment

Mineral mine lease/licence applications

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Current critical minerals projects

- Oak Dam
- Jacinth-Ambrosia
- Siviour
- Koppamurra
Jacinth-Ambrosia Mineral Sands Mine

- Complex regulatory IA framework
- Cultural heritage
- Biodiversity loss
Jacinth-Ambrosia Mineral Sands Mine

- Complex regulatory IA framework
- Cultural heritage
- Biodiversity loss
Siviour Graphite Project

Application and approval process

On 28 August 2019 Ausmin submitted a mining proposal (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 relating 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)

Ausmin Development Pty Ltd response document and response supporting documents:

- Response document for Siviour Graphite Project MC 4462 (PDF 7 MB)
- Response supporting document for Siviour Graphite Project MC 4462 - Asbestos Materials Management Plan (PDF 9 MB)
- Response 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 209 KB)

On 5 April 2019, ML 6495 was granted.

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

Source: www.renascor.com.au
Koppumurra Rare Earth Elements Project

- Social impacts - Key impact assessment consideration

Source: www.ar3.com.au
Upper Spencer Gulf

- SA Prosperity Plan
- Northern Water Project
- Oak Dam

Source: www.bhp.com
Conclusion

South Australia’s Critical Minerals dashboards

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 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 SARGIT.

More information:

Let’s continue the conversation!
Post questions and comments in the IAIA24 app.

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