

Environmental Authority Permit - EPML00770913

Amendment application - A-EA-AMD-100974340

General Information

EA Reference: EPML00770913
EA Effective Date: 01-Aug-2025
Application Action: Amend
Application Stage: Application
Application Status: Submitted
Submitted Date: 07-Nov-2025
Application Fee: \$379.90

Applicants

LION MINING PTY LTD

Application Contact

NAME: LION MINING PTY LTD
POSITION:
MAIN PHONE:
EMAIL:
CONTACT ROLE: Application Contact
Preferred Method of Communication: Any

Site Contact

NAME: Nat Bromley
POSITION:
MAIN PHONE:
EMAIL: nbromley@aerisresources.com.au
CONTACT ROLE: Site Contact
Preferred Method of Communication: Any

Amendment Details

Major

Amendment Options

Activities; Locations

Describe the Proposed Amendment

Uploaded as part of combined supporting document:

Identify the sections or pages where the relevant information is located:	623.030484_CRO TSF 2 Stage 3b,4 and 5 Lift_EA Amendment Supporting Report_v3.0
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Describe the land that will be affected by the proposed amendment

Uploaded as part of combined supporting document:

Identify the sections or pages where the relevant information is located:	Refer to Section 4 of the attached supporting document for details on the proposed amendment and the area impacted.
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Development Permits and other land use approvals (prescribed ERAs only)

Are there any development permits or other land use approvals in effect or have any development applications been made under the <i>Planning Act 2016</i> to carry out the proposed amendment?	No
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Activities and Locations Details

Activities	Location	Comply with Eligibility Criteria	Comply with Std. Conditions	New or Existing
Schedule 3 - 16 - Mining gold ore	ML3219	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(a-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP - otherwise	ML3219	No	No	Unmodified
Ancillary 08 - Chemical Storage - 1 - Storing a total of 50t or more of chemicals of dangerous goods class 1 or class 2, division 2.3 under subsection (1)(a)	ML3219	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(a) - Processing, in a year, the following quantities of mineral products, other than coke - 1000t to 100,000t	ML3219	No	No	Unmodified
Schedule 3 - 10 - Investigating the potential development of a mineral resource by large bulk sampling or constructing an exploratory shaft, adit or open pit	ML3221	No	No	Unmodified

Ancillary 08 - Chemical Storage - 1 - Storing a total of 50t or more of chemicals of dangerous goods class 1 or class 2, division 2.3 under subsection (1)(a)	ML3221	No	No	Unmodified
Schedule 3 - 16 - Mining gold ore	ML3221	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(a-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP - otherwise	ML3221	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(a) - Processing, in a year, the following quantities of mineral products, other than coke - 1000t to 100,000t	ML3221	No	No	Unmodified
Ancillary 08 - Chemical Storage - 1 - Storing a total of 50t or more of chemicals of dangerous goods class 1 or class 2, division 2.3 under subsection (1)(a)	ML3223	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(a-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP - otherwise	ML3223	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(a) - Processing, in a year, the following quantities of mineral products, other than coke - 1000t to 100,000t	ML3223	No	No	Unmodified
Schedule 3 - 16 - Mining gold ore	ML3223	No	No	Unmodified
Schedule 3 - 16 - Mining gold ore	ML3224	No	No	Unmodified
Ancillary 08 - Chemical Storage - 1 - Storing a total of 50t or more of chemicals of dangerous goods class 1 or class 2, division 2.3 under subsection (1)(a)	ML3224	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(a) - Processing, in a year, the following quantities of mineral products, other than coke - 1000t to 100,000t	ML3224	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(a-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP - otherwise	ML3224	No	No	Unmodified
Schedule 3 - 10 - Investigating the potential development of a mineral resource by large bulk sampling or constructing an exploratory shaft, adit or open pit	ML3227	No	No	Unmodified

Schedule 3 - 16 - Mining gold ore	ML3227	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(a) - Processing, in a year, the following quantities of mineral products, other than coke - 1000t to 100,000t	ML3227	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(a-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP - otherwise	ML3227	No	No	Unmodified
Ancillary 08 - Chemical Storage - 1 - Storing a total of 50t or more of chemicals of dangerous goods class 1 or class 2, division 2.3 under subsection (1)(a)	ML3227	No	No	Unmodified
Ancillary 08 - Chemical Storage - 1 - Storing a total of 50t or more of chemicals of dangerous goods class 1 or class 2, division 2.3 under subsection (1)(a)	ML3228	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(a-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP - otherwise	ML3228	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(a) - Processing, in a year, the following quantities of mineral products, other than coke - 1000t to 100,000t	ML3228	No	No	Unmodified
Schedule 3 - 16 - Mining gold ore	ML3228	No	No	Unmodified
Schedule 3 - 16 - Mining gold ore	ML3229	No	No	Unmodified
Ancillary 08 - Chemical Storage - 1 - Storing a total of 50t or more of chemicals of dangerous goods class 1 or class 2, division 2.3 under subsection (1)(a)	ML3229	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(a) - Processing, in a year, the following quantities of mineral products, other than coke - 1000t to 100,000t	ML3229	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(a-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP - otherwise	ML3229	No	No	Unmodified
Ancillary 08 - Chemical Storage - 1 - Storing a total of 50t or more of chemicals of dangerous goods class 1 or class 2, division 2.3 under subsection (1)(a)	ML3230	No	No	Unmodified

Ancillary 31 - Mineral processing - 2(a) - Processing, in a year, the following quantities of mineral products, other than coke - 1000t to 100,000t	ML3230	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(a-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP - otherwise	ML3230	No	No	Unmodified
Schedule 3 - 16 - Mining gold ore	ML3230	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(a-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP - otherwise	ML3231	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(a) - Processing, in a year, the following quantities of mineral products, other than coke - 1000t to 100,000t	ML3231	No	No	Unmodified
Schedule 3 - 16 - Mining gold ore	ML3231	No	No	Unmodified
Ancillary 08 - Chemical Storage - 1 - Storing a total of 50t or more of chemicals of dangerous goods class 1 or class 2, division 2.3 under subsection (1)(a)	ML3231	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(a) - Processing, in a year, the following quantities of mineral products, other than coke - 1000t to 100,000t	ML3232	No	No	Unmodified
Ancillary 08 - Chemical Storage - 1 - Storing a total of 50t or more of chemicals of dangerous goods class 1 or class 2, division 2.3 under subsection (1)(a)	ML3232	No	No	Unmodified
Schedule 3 - 16 - Mining gold ore	ML3232	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(a-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP - otherwise	ML3232	No	No	Unmodified
Ancillary 08 - Chemical Storage - 1 - Storing a total of 50t or more of chemicals of dangerous goods class 1 or class 2, division 2.3 under subsection (1)(a)	ML3234	No	No	Unmodified
Schedule 3 - 16 - Mining gold ore	ML3234	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(a-ii) - Operating sewage treatment works, other than no-release works, with a total	ML3234	No	No	Unmodified

daily peak design capacity of 21 to 100EP - otherwise				
Ancillary 31 - Mineral processing - 2(a) - Processing, in a year, the following quantities of mineral products, other than coke - 1000t to 100,000t	ML3234	No	No	Unmodified
Ancillary 08 - Chemical Storage - 1 - Storing a total of 50t or more of chemicals of dangerous goods class 1 or class 2, division 2.3 under subsection (1)(a)	ML3243	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(a-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP - otherwise	ML3243	No	No	Unmodified
Schedule 3 - 16 - Mining gold ore	ML3243	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(a) - Processing, in a year, the following quantities of mineral products, other than coke - 1000t to 100,000t	ML3243	No	No	Unmodified
Schedule 3 - 16 - Mining gold ore	ML80024	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(a-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP - otherwise	ML80024	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(a) - Processing, in a year, the following quantities of mineral products, other than coke - 1000t to 100,000t	ML80024	No	No	Unmodified
Ancillary 08 - Chemical Storage - 1 - Storing a total of 50t or more of chemicals of dangerous goods class 1 or class 2, division 2.3 under subsection (1)(a)	ML80024	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(a-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP - otherwise	ML80088	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(a) - Processing, in a year, the following quantities of mineral products, other than coke - 1000t to 100,000t	ML80088	No	No	Unmodified
Schedule 3 - 16 - Mining gold ore	ML80088	No	No	Unmodified
Ancillary 08 - Chemical Storage - 1 - Storing a total of 50t or more of chemicals of dangerous goods class 1	ML80088	No	No	Unmodified

or class 2, division 2.3 under subsection (1)(a)				
Ancillary 31 - Mineral processing - 2(a) - Processing, in a year, the following quantities of mineral products, other than coke - 1000t to 100,000t	ML80089	No	No	Unmodified
Ancillary 08 - Chemical Storage - 1 - Storing a total of 50t or more of chemicals of dangerous goods class 1 or class 2, division 2.3 under subsection (1)(a)	ML80089	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(a-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP - otherwise	ML80089	No	No	Unmodified
Schedule 3 - 16 - Mining gold ore	ML80089	No	No	Unmodified
Schedule 3 - 16 - Mining gold ore	ML80114	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(a) - Processing, in a year, the following quantities of mineral products, other than coke - 1000t to 100,000t	ML80114	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(a-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP - otherwise	ML80114	No	No	Unmodified
Ancillary 08 - Chemical Storage - 1 - Storing a total of 50t or more of chemicals of dangerous goods class 1 or class 2, division 2.3 under subsection (1)(a)	ML80114	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(a) - Processing, in a year, the following quantities of mineral products, other than coke - 1000t to 100,000t	ML80120	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(a-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP - otherwise	ML80120	No	No	Unmodified
Schedule 3 - 16 - Mining gold ore	ML80120	No	No	Unmodified
Ancillary 08 - Chemical Storage - 1 - Storing a total of 50t or more of chemicals of dangerous goods class 1 or class 2, division 2.3 under subsection (1)(a)	ML80120	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(a) - Processing, in a year, the following	ML80144	No	No	Unmodified

quantities of mineral products, other than coke - 1000t to 100,000t				
Ancillary 63 - Sewage Treatment - 1(a-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP - otherwise	ML80144	No	No	Unmodified
Ancillary 08 - Chemical Storage - 1 - Storing a total of 50t or more of chemicals of dangerous goods class 1 or class 2, division 2.3 under subsection (1)(a)	ML80144	No	No	Unmodified
Schedule 3 - 16 - Mining gold ore	ML80144	No	No	Unmodified

Application Questions

Environmental Offsets

Will the ERA(s) being applied for cause, or be likely to cause, a significant residual impact to a prescribed environmental matter (other than a matter of local environmental significance)?

No	
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Regional Interest Areas

The resource activity is:

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Not located in an area of regional interest	
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Waste Management

Detail the proposed measures for minimising and managing waste generated by any amendment(s) to the relevant activity:

A document providing the required information is attached; or	
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Uploaded as part of combined supporting document:

Identify the sections or pages where the relevant information is located:	Appendix H - Waste Plans
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A document providing the required information is attached; or	Appendix H - Waste Plans
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Environmental Management Register (EMR)

Select the relevant option in relation to any part of the land:

The land is not currently and has never been recorded in the EMR	
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ANZSIC Code

Provide the ANZSIC Code(s) for the resource activity:

1314 Gold ore mining	
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Compliance and enforcement tools and/or site management plan

Is this land currently subject to an environmental enforcement order, environmental protection order, transitional environmental program or a site management plan?

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None of the above.	
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Environmental Values (EVs)

The environmental values are:

Uploaded as part of combined supporting document:

Identify the sections or pages where the relevant information is located:	See attached supporting documents and in duplicate submission 213885
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Matters of National Environmental Significance (MNES)

Carrying out of the proposed ERA (or ERA project):

Is not likely to have a significant impact on MNES.	
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Coal Seam Gas (CSG) activities

Does the application relate to an environmental authority for a CSG activity that is an ineligible ERA?

No	
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Underground Water Rights

Is the activity proposed to be undertaken on a Mineral Development Licence (MDL), Mining Lease (ML) or Petroleum Lease (PL)?

Yes	
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Does the proposed amendment involve changes to the exercise of underground water rights?

No	
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Financial Assurance (FA) / Estimated Rehabilitation Cost (ERC)

Is FA or Scheme Assurance currently held for the approved environmental authority?

Yes	
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Identify the relevant option:

I will be applying for a new ERC decision if this amendment application is approved.	
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Environmental Impact Statement (EIS)

Has an application been made for a decision on whether an EIS would be required for the proposed amendment activity?

No	
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Has an EIS process that includes the proposed amendment been completed?

No	
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EIS Triggers

Is the proposed ERA amendment for: (select all that apply)

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The activity is a mining activity	
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Is the proposed ERA amendment for a mining activity:

a) That will extend into a Category A or B environmentally sensitive area, unless previously authorised by the state?

No	
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b) That would involve a substantial change in mining operations?

No	
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c) For which a novel or unproven resource extraction process, technology or activity, is being proposed?

No	
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Single Integrated Operation

Will the activities be undertaken as a single integrated operation?

Yes	
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Uploaded as part of combined supporting document:

Identify the sections or pages where the relevant information is located:	Refer to the attached supporting document, the TSF raise is part of the existing operations of Cracow Mine.
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Website Address

Provide the website address for the application notice and application documents

Website	
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Technical assessment

Name:	
Telephone:	
Email:	

Documents Uploaded

Document Name	Document Type	Document Refence
Appendix A - EA EPML00770913	Application Supporting Documentation	100974840
Appendix B - Air Quality Assessment	Application Supporting Documentation	100974841
Appendix C - Greenhouse Gas Assessment	Application Supporting Documentation	100974842
Appendix D - Groundwater and Surface Water Assessment	Application Supporting Documentation	100974843
Appendix E - Land Suitability Assessment 2019	Application Supporting Documentation	100974844
Appendix F - Noise Assessment	Application Supporting Documentation	100974845
Appendix G - Terrestrial Ecology Memorandum	Application Supporting Documentation	100974846
Appendix H - Waste Plans	Application Supporting Documentation	100974847
Appendix I - TSF 2 Stage 3B to 5 Design Report and Appendices	Application Supporting Documentation	100974848
CRO TSF 2 Stage 3b 4 and 5 Lift_EA Amendment Supporting Report_v3.0	Application Supporting Documentation	100974839

Privacy Statement:

The Department of the Environment, Tourism, Science and Innovation (the department) is collecting the information on this form in accordance with and as authorised by Chapter 5 of the *Environmental Protection Act 1994 (EP Act)*. Some of the information may be disclosed to the department of Resources and Queensland Treasury for the purpose of processing this application.

Pursuant to section 540 of the *EP Act*, the department is required to maintain a register of certain documents and information authorised under the *EP Act*. A copy of this document will be kept on the public register. The register is available for inspection by members of the public who are able to take extracts, or copies of the documents from the register. Documents that are required to be kept on the register are published in their entirety, unless alteration is required by the *EP Act*. There is no general discretion allowing the department to withhold documents or information required to be kept on the public register. For more information on the department's public register, search 'public register' at www.qld.gov.au. For queries about privacy matters, please email privacy@des.qld.gov.au or telephone: 13 74 68.

Declaration

I declare that:

- If the proposed amendment is made, the relevant activities will continue to comply with the ERA Standard (eligibility criteria and standard conditions) for all eligible ERAs or, where they cannot comply, the application indicates otherwise and the required supporting information has been provided.
- If the proposed amendment is a Minor Amendment (Condition Conversion), the relevant activities can comply with the ERA Standard (eligibility criteria and standard conditions) for each of the ERAs authorised by the environmental authority.
- The information provided is true and correct to the best of my knowledge. I understand that it is an offence under section 480 and 480A of the *Environmental Protection Act 1994* to give the administering authority or an authorised person a document containing information that I know is false, misleading or incomplete in a material particular.

I/The holders understand that I am /the holders are responsible for managing the environmental impacts of these activities, and that approval of this application is not an endorsement by the administering authority of the effectiveness of management practices proposed or implemented.

NAME OF SIGNATORY: Justin Ellis
POSITION OF SIGNATORY: Environmental Advisor
DATE: 07-Nov-2025