Application form

Environmental Protection Act 1994

Variation application for a new environmental authority for a resource activity

This is the approved form that is to be used to make a variation application for an environmental authority under sections 123 and 125 of the Environmental Protection Act 1994 (EP Act) for an environmentally relevant activity (ERA) which is a resource activity.

It is recommended that you read the information on what to provide with an application, prior to making an application. This information, along with eligibility criteria and standard conditions, is located on the Business Queensland website at www.business.qld.gov.au (use the search term "environmental licence"). This website also has a diagnostic tool called the "Forms and fees finder" which will take you through a series of questions and provide a customised result which will identify any forms, fees and supporting information you need to make an application.

Only use this application form if you are applying for a new environmental authority (EA) where:

- The ERA/s being applied for is/are a resource activity/activities, that involve: (a) a geothermal activity, (b) a greenhouse gas (GHG) storage activity, (c) a mining activity, or (d) a petroleum activity. Note a resource activity is taken to include ancillary activities (prescribed ERAs) and other activities carried out under the authority as a resource activity.
- All of the ERA/s being applied for have eligibility criteria and standard conditions available.
- You can meet all of the eligibility criteria for all of the ERA/s being applied for however you want to vary one or more of the standard conditions.
- An application for relevant resource tenure has been made or will be made at the same time as this application.
- The applicant/s for the resource tenure are exactly the same as the applicant/s for this EA application.
- The ERA/s being applied for will not form part of an ERA project under an existing EA.
- If more than one ERA is being applied for:
  - the ERAs being applied for will be carried out under the day to day management of a single responsible person (e.g. a site manager or operations manager); and
  - all of the ERAs are operationally interrelated, that is, the operation cannot function without all of the ERAs. Separate applications will need to be made for the ERAs that cannot be carried out as a single integrated operation; and
  - the ERA/s are, or will be, carried out at one or more places; and
  - the places where the ERAs will be carried out are close enough to make the integrated day to day management of the activities feasible.
Application form

Variation application for a new environmental authority for a resource activity

If you would like to have a pre-lodgement meeting, please complete and lodge the form Application for pre-lodgement services (ESR/2015/16641), prior to lodging this application for an EA.

The fields marked with an asterisk * are mandatory, if they are not completed then your application may be considered not properly made under section 128 of the Environmental Protection Act 1994.

1 Applicant details

<table>
<thead>
<tr>
<th>Is there more than one applicant?*</th>
<th>☑ No, please provide the applicant’s details here.</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Yes, please provide the principal applicant’s details here and other applicants’ details at Attachment 1—Joint applicants and appointment of principal applicant</td>
<td></td>
</tr>
</tbody>
</table>

Name—individual or contact person if applicant is an organisation*
Matt Morgan

Organisation name, including any trading name (“if an organisation”)
Ausmex Resources Pty Ltd

ABN/ACN (“if an organisation”)
618 778 822

Residential or registered business address (not a post office box)*
Level 13/50 Carrington Street, SYDNEY NSW 2000

Phone*
02 8315 3268

Postal address (if same as above, write “AS ABOVE”)*
as above

Facsimile

Email*
mattm@ausmexgroup.com.au

☒ Indicate if you want to receive correspondence via email

1.1 Nomination of an agent for this application

I/we nominate the below agent to act on my/our behalf and to receive correspondence relating to this application.

Do you want to nominate an agent for this application?*
☐ No → Go to Question 2.
☒ Yes → Complete the agent’s details here.

Name of agent—individual or contact person if agent is an organisation
Brian Martin

Organisation name, including trading name (if an organisation)
Hetherington Exploration and Mining Title Services (QLD) Pty Ltd

ABN/ACN (if an organisation)
153 626 110

Postal address
PO Box 49, Spring Hill LPO, Spring Hill QLD 4004

Phone
07 3236 1768

Email
brisbane@hemsqld.com.au

☒ Indicate if you want to receive correspondence via email

1 This form is available on the Queensland Government website at www.qld.gov.au, using the publication number ‘ESR/2015/1664’ as a search term.
2 Registered suitable operator status

A suitable operator is a person or a corporation assessed under Part 4, Chapter 5A of the EP Act as being suitable to carry out an ERA and is listed on the suitable operator register\(^2\).

<table>
<thead>
<tr>
<th>Are all applicants registered as a suitable operator?*</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Yes →</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>□ No →</td>
</tr>
</tbody>
</table>

3 Details of the activity/activities being applied for

Complete the table below by advising which activities you are applying for and the location they will be conducted at. By selecting "yes" you are certifying that you have a complete and thorough understanding of, and can comply with the eligibility criteria and standard conditions for that activity. By selecting "no" you are advising that you cannot comply with one or more of the standard conditions.

<table>
<thead>
<tr>
<th>Resource activity/activities, e.g. gemstone mining, geothermal activities, exploration—minerals, petroleum exploration activities, data acquisition authority*</th>
<th>I can comply with the eligibility criteria*</th>
<th>I can comply with the standard conditions(^4)</th>
<th>Tenure number(s)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard underground mining activities</td>
<td>☑ Yes</td>
<td>☑ Yes ☑ No</td>
<td>Golden Mile MLA</td>
</tr>
<tr>
<td>□ Yes</td>
<td>□ Yes</td>
<td>□ No</td>
<td></td>
</tr>
<tr>
<td>□ Yes</td>
<td>□ Yes</td>
<td>□ No</td>
<td></td>
</tr>
<tr>
<td>□ Yes</td>
<td>□ Yes</td>
<td>□ No</td>
<td></td>
</tr>
</tbody>
</table>

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\(^2\) The register is available on the Queensland Government website at www.qld.gov.au, using the search term "suitable operator register".

\(^3\) The hardcopy form is available upon request from Permit and Licence Management by phone 1300 130 372 (option 4) or by email to palm@des.qld.gov.au.

\(^4\) ERAs with eligibility criteria and standard conditions are listed on the Business Queensland website at www.business.qld.gov.au, using the search term "eligibility criteria".
4 **Standard conditions to vary**

For each activity listed in Question 3 where you cannot comply with the standard conditions, please provide details of the variation being applied for below, or on an attachment.

For coordinated projects, if the conditions in the Coordinator-General’s (CG’s) evaluation report vary the standard conditions for the relevant activity/activities provide all variations in the table below and tick the box in the ‘CG’s condition’ column. If the evaluation report states additional conditions (i.e. additional to the standard or varied conditions) provide the details in Question 10.2 below.

<table>
<thead>
<tr>
<th>Activity name*</th>
<th>Standard condition to be varied (e.g. PESCB 3)*</th>
<th>Requested variation*</th>
<th>CG’s condition</th>
<th>Justification—provide information for the administering authority to assess the environmental risk of the requested variation* (*not required if a CG’s condition)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code compliant mining activities</td>
<td>ML code - 13A</td>
<td>Reduce current buffer zone for Category B ERE’s near operations from 1000m down to 50m</td>
<td>☐</td>
<td>Refer to attached additional information document</td>
</tr>
</tbody>
</table>

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* More information on the technical information requirements for an environmental authority application is available on the Business Queensland website at [www.business.qld.gov.au](http://www.business.qld.gov.au), using the search term "technical information requirements".
<table>
<thead>
<tr>
<th>Activity name*</th>
<th>Standard condition to be varied (e.g. PESCB 3)*</th>
<th>Requested variation*</th>
<th>CG's condition</th>
<th>Justification—provide information for the administering authority to assess the environmental risk of the requested variation* (*not required if a CG’s condition)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

☐ I have attached the documentation to support the variations to the standard conditions listed above.
5 Description of land where the activity/activities will be carried out

<table>
<thead>
<tr>
<th>Project name (*if relevant):</th>
<th>GPS coordinates (*if known):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Golden Mile</td>
<td>140 deg, 44 min, 4.12 sec</td>
</tr>
<tr>
<td></td>
<td>20 deg, 56 min, 54.60 sec</td>
</tr>
</tbody>
</table>

Other land description or land marks to locate the activity (*if relevant):
Refer to attached sketches

<table>
<thead>
<tr>
<th>Tenure type(s) e.g. DAA, EPM, EPC*</th>
<th>Tenure number(s)*</th>
<th>Local Government Area (LGA)*</th>
<th>Date on application*</th>
</tr>
</thead>
<tbody>
<tr>
<td>ML</td>
<td>TBA</td>
<td>Cloncurry</td>
<td>7-11-2018</td>
</tr>
</tbody>
</table>

6 Details of contaminated land

Is there a site management plan in effect for contaminated land that relates to the land that is the subject of this application?*

☐ No → Go to Question 7.

☐ Yes →

<table>
<thead>
<tr>
<th>Description of land*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lot and plan number(s)</td>
</tr>
<tr>
<td>Lot</td>
</tr>
<tr>
<td>Lot</td>
</tr>
<tr>
<td>Lot</td>
</tr>
</tbody>
</table>

If you are not able to provide all relevant details above, please attach them to this application and indicate you have done so below:

☐ I have attached the description of the land for which a site management plan is in effect.

7 Regional interests development approval

A regional interests development approval (RIDA) is required when a resource activity is proposed in an area of regional interest under the Regional Planning Interests Act 2014. Further information, including application forms, can be found on the Department of Infrastructure, Local Government and Planning (DILGP) website, www.dilgp.qld.gov.au.
Variation application for a new environmental authority for a resource activity

Is the resource activity located anywhere within an area of regional interest?*  
☐ No
☐ Yes  
Which area of regional interest, has or will require a RIDA?  
☐ Priority Agricultural Areas (PAAs)  
☐ Priority Living Areas (PLAs)  
☐ Strategic Environmental Areas (SEAs)  
☐ Strategic Cropping Area (SCA)  
☐ No RIDA required, I am an exempt activity.
If you have applied for a RIDA, provide the application reference below:

8 Environmental offsets

An environmental offset, under the Environmental Offsets Act 2014, may be required for an ERA where, despite all reasonable measures to avoid and minimise impacts on certain environmental matters, there is still likely to be significant residual impact on one or more of those matters.

You must verify the presence, whether temporary or permanent, of those environmental matters.

For more information refer to the Queensland Environmental Offsets Policy and the Significant Residual Impact Guideline at the Queensland Government website at www.qld.gov.au, using the search term “environmental offsets”.

Will the activity/activities being applied for result in a significant residual impact to a matter of State environmental significance (MSES)?*

☐ No  
☐ Yes  
You must attach supporting information that:
1. Details the magnitude and duration of the likely significant residual impact on each prescribed environmental matter (other than matters of local environmental significance) for the entire activity; and
2. Demonstrates that all reasonable measures to avoid and minimise impacts on each of those matters will be undertaken.

8.1 Notice of election

Has a notice of election been submitted to the administering authority, or is being submitted as part of this application?

☐ No  
☐ Yes  
You can attach the notice of election, if it has not already been submitted.

Go to Question 8.3.

8.2 Staged environmental offsets

Offset delivery can be staged, however for this to occur, the condition of any approved environmental authority needs to state that both the activity and the offset may be staged. As part of your notice of election for each stage under the Environmental Offsets Act 2014, you are required to provide a detailed assessment of the quantum of impact of that stage and the offset obligation requirement to be delivered for that stage.
## Application form

**Variation application for a new environmental authority for a resource activity**

<table>
<thead>
<tr>
<th>Will the proposed activity/activities and delivery of an environmental offset be undertaken in stages?*</th>
</tr>
</thead>
<tbody>
<tr>
<td>☒ No</td>
</tr>
<tr>
<td>☐ Yes → <strong>You must</strong> attach supporting information that details of how the activity/activities are proposed to be staged.</td>
</tr>
</tbody>
</table>

### 8.3 Nature conservation environmental offset

Has another authority issued under the *Nature Conservation Act 1992* required an environmental offset for the same, or substantially the same, impact and the same, or substantially the same, MSES?

| ☒ No |
| ☐ Yes → **Provide permit number:** |

### 8.4 Marine parks environmental offset

Has marine park permit issued under the *Marine Parks Act 2004* required an environmental offset for the same, or substantially the same, impact and the same, or substantially the same, MSES?

| ☒ No |
| ☐ Yes → ☐ **You must** attach a copy of the marine park permit to this application. |

### 9 Matters of national environmental significance

There are currently nine matters of national environmental significance (MNES) which have been defined in the *Environment Protection and Biodiversity Conservation Act 1999 (Cth)* (EPBC Act). These are:

- world heritage properties
- national heritage places
- wetlands of international importance (listed under the Ramsar Convention)
- listed threatened species and ecological communities
- migratory species protected under international agreements
- Commonwealth marine areas
- the Great Barrier Reef Marine Park
- nuclear actions (including uranium mines)
- a water resource, in relation to coal seam gas development and large coal mining development

To determine whether the proposed activity/activities will have a significant impact on MNES and for referral requirements, please refer to the guidance provided by the Federal Government’s Department of Environment and Energy on [www.environment.gov.au](http://www.environment.gov.au).

<table>
<thead>
<tr>
<th>Would the carrying out of the proposed activity/activities be likely to have a significant impact on a MNES?*</th>
</tr>
</thead>
<tbody>
<tr>
<td>☒ No → <strong>Go to Question 10.</strong></td>
</tr>
<tr>
<td>☐ Yes → <strong>Has the proposal been referred to the Federal Department of Environment and Energy for formal assessment and approval?</strong></td>
</tr>
<tr>
<td>☐ No → <strong>Go to Question 10.</strong></td>
</tr>
<tr>
<td>☐ Yes → <strong>Go to Question 9.1.</strong></td>
</tr>
</tbody>
</table>

### 9.1 EPBC Act approval for environmental offsets

Has an approval been issued under the EPBC Act required an environmental offset for the same, or substantially the same, impact and the same, or substantially the same, MSES?

| ☒ No → **Go to Question 10.** |
| ☐ Yes → ☐ I have attached a copy of the approval under the EPBC Act. |
Are there any MNES which were assessed under the EPBC Act which are the same, or substantially the same as an MSES, but that were not conditioned in the approval?

☐ No → Go to Question 10.

☐ Yes → List these MNES:

10 Environmental impact statement under the State Development and Public Works Organisation Act 1971

Certain stages of the EA application process may not apply if the proposed activities were assessed as part of a coordinated project declared under the State Development and Public Works Organisation Act 1971 (SDPWO Act). You are only required to answer Questions 10 to 10.2 if the CG's evaluation report for the project is current.

Has an environmental impact statement (EIS) process under the SDPWO Act been completed?*

☐ No → Go to Question 11.

☐ Yes →

What is the title and project name of the completed EIS?

Was the EIS completed for all activities that are the subject of this application?

☐ Yes

☐ No →

Please list the activities that were not included in the EIS or attach documentation with this information to this application:

☐ Yes

I have attached the required supporting information.

10.1 Environmental risks

Have the environmental risks or the way the activity/activities are proposed to be carried out changed since the EIS was completed?*

☐ No

☐ Yes
10.2 Coordinator-General’s conditions

<table>
<thead>
<tr>
<th>Are there CG’s conditions that relate to the activities being applied for?*</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ No → Go to Question 11.</td>
</tr>
<tr>
<td>☐ Yes → Name of the CG’s evaluation report:</td>
</tr>
<tr>
<td>Also list any standard conditions that are not the same as the conditions stated in the CG’s evaluation report in Question 4 above, and provide any conditions stated in the CG’s evaluation report that are additional to the standard conditions below or attach them to this application:</td>
</tr>
</tbody>
</table>

☐ I have attached any additional conditions from the CG’s evaluation report to this application.

11 EIS under the *Environmental Protection Act 1994*

<table>
<thead>
<tr>
<th>Has an EIS process under Chapter 3 of the EP Act been completed?*</th>
</tr>
</thead>
<tbody>
<tr>
<td>☒ No → Go to Question 12.</td>
</tr>
<tr>
<td>☐ Yes → What is the title and project name of the completed EIS? Date EIS assessment report issued:</td>
</tr>
<tr>
<td>Was the EIS completed for all activities that are the subject of this application?</td>
</tr>
<tr>
<td>☐ No</td>
</tr>
<tr>
<td>☐ Yes</td>
</tr>
</tbody>
</table>

11.1 Environmental risks

<table>
<thead>
<tr>
<th>Have the environmental risks of the proposed activities changed since the EIS was completed?*</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ No</td>
</tr>
<tr>
<td>☐ Yes</td>
</tr>
</tbody>
</table>
12 EIS triggers

The information provided here will assist in determining whether an EIS is required. If your response to any question is yes, you must attach details of how the criterion is triggered including details of the impact.

For further information refer to the guideline Triggers for environmental impact statements under the Environmental Protection Act 1994 for mining, petroleum and gas activities (ESR/2016/2167)6.

<table>
<thead>
<tr>
<th>#</th>
<th>Criteria—EIS triggers (*if applicable)</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This question is <strong>not applicable</strong> if an EIS process under either the SDPWO Act or Chapter 3 of the EP Act has been completed for all the activities that are the subject of this application, <strong>and</strong> the environmental risks of the activities and the way they are proposed to be carried out <strong>has not changed</strong> since the EIS was completed.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Questions 12.1-12.3 are mandatory for <strong>mining activities only</strong>. If your proposed ERA/s is not a mining activity, tick N/A and proceed to Question 12.4.</td>
<td>□ N/A</td>
</tr>
<tr>
<td>12.1*</td>
<td>Is the ERA project for a mining activity which involves the removal of two million tonnes/year or more of run-of-mine (ROM)7 ore or coal?</td>
<td>□ YES □ NO</td>
</tr>
<tr>
<td>12.2*</td>
<td>Is the ERA project for a mining activity that involves the removal of 1 million tonnes per year or more of run-of-mine (ROM) ore or coal on or under a floodplain or a coastal hazard area?</td>
<td>□ YES □ NO</td>
</tr>
<tr>
<td>12.3*</td>
<td>Is the ERA project for a mining activity which involves the introduction of a novel or unproven resource extraction process, technology or activity8?</td>
<td>□ YES □ NO</td>
</tr>
<tr>
<td></td>
<td>Questions 12.4-12.6 are mandatory for <strong>petroleum and gas activities only</strong>. If your proposed ERA/s is not a petroleum and gas activity, tick N/A and go to Question 13.</td>
<td>□ N/A</td>
</tr>
<tr>
<td>12.4*</td>
<td>Is the ERA project for a petroleum and gas activity that is likely to have a total disturbance area of greater than 2000 hectares at any 1 time during the life of the proposed project? This includes areas occupied by well pads (single or multi-directional), access tracks and roads, water storages, and process plants?</td>
<td>□ YES □ NO</td>
</tr>
<tr>
<td>12.5*</td>
<td>Is the ERA project for a petroleum and gas activity that is likely to involve the construction of a high pressure pipeline over a distance of 300 kilometres or greater?</td>
<td>□ YES □ NO</td>
</tr>
<tr>
<td>12.6*</td>
<td>Is the ERA project for a petroleum and gas activity that is likely to involve the construction of a liquefied natural gas plant?</td>
<td>□ YES □ NO</td>
</tr>
</tbody>
</table>

□ I have attached the documentation to support all ‘Yes’ responses provided above.

13 Assessment of the environmental impact

This question is **not applicable** if an EIS process under either the SDPWO Act or Chapter 3 of the EP Act has been completed for all the activities that are the subject of this application and the environmental risks of the activities and the way they are proposed to be carried out **has not changed** since the EIS was completed.

You must attach to this application an assessment of the likely impact of each ERA on environmental values, to the extent that it is relevant to the proposed variation to the standard condition/s (*if applicable), including:

- a description of the environmental values likely to be affected by each relevant activity

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6 This guideline is available on the Queensland Government website at www.qld.gov.au, using the search term “triggers for EIS”.

7 ROM ore or coal means the material excavated but prior to washing or chemical concentration. It does not include overburden.

8 For example: underground coal gasification; in-seam coal slurry; a new method of ore concentration. This will be decided on a case-by-case basis and this trigger is not intended to discourage innovation.
• details of any emissions or releases likely to be generated by each relevant activity
• a description of the risk and likely magnitude of impacts on the environmental values
• details of the management practices proposed to be implemented to prevent or minimise adverse impacts
• details of how the land the subject of the application will be rehabilitated after each relevant activity ceases.

☑ I have attached an assessment of the environmental impact and specific supporting information.

14 Details of waste management

Describe the proposed measures for minimising and managing waste generated by the proposed activity/activities below or attach supporting information to this application*

Refer to attached additional information document.

☐ I have attached the proposed measures.

15 Payment of fees

You are required to pay an application fee at the time of application. If your application is approved you will be required to pay a fee annually. Each ERA has a regulated fee and the annual fee will be the highest annual fee of any ERA associated with the project. The first annual fee will be invoiced when one or more of the tenures are granted. Information on fees is available on the Business Queensland website at www.business.qld.gov.au.

The application fee is*: $652.00

Please select your payment method for the application fee below*:

☐ Cheque or money order payable to the Department of Environment and Science (attached).
☑ For credit card payments for applications to the Department of Environment and Science you must complete the application using Connect at www.des.qld.gov.au.

For applications relating to mining activities the fees payable can be made through the Department of Natural Resources, Mines and Energy using MyMinesOnline. For more information on payment options go to the
Variation application for a new environmental authority for a resource activity


For applications submitted to the Department of Natural Resources, Mines and Energy, the additional fee of 30% of the annual fee is payable to the Department of Environment and Science.

☐ Cheque or money order payable to the Department of Environment and Science (attached).

16 Applicant declaration

I declare that the information I have provided is true and correct. I understand that it is an offence under the Environmental Protection Act 1994 to give information that I know is false, misleading or incomplete.

I will comply with all conditions on my environmental authority as well as any relevant provisions in the Environmental Protection Act 1994.

I understand that I am 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 the management practices proposed or implemented.

<table>
<thead>
<tr>
<th>Applicant’s full name*</th>
<th>Applicant’s position (*if an organisation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brian Martin, Director, HEMTS (QLD) for and on behalf of Ausmex Resources Pty Ltd</td>
<td>Duly authorised consultant</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Applicant’s signature*</th>
<th>Date*</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Signature]</td>
<td>7-11-2018</td>
</tr>
</tbody>
</table>

Submit your completed application (in word searchable electronic PDF format) to:

For mining activities to:

The Mining Registrar
Department of Natural Resources, Mines and Energy

DNRME have a list of mines lodgement offices for mining registrars on their website at www.dnrme.qld.gov.au.

For all other resource activities via email to palm@des.qld.gov.au or:

<table>
<thead>
<tr>
<th>Post:</th>
<th>Courier or hand delivery:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permit and Licence Management Department of Environment and Science GPO Box 2454 BRISBANE QLD 4001</td>
<td>Permit and Licence Management Department of Environment and Science Level 3, 400 George Street BRISBANE QLD 4000</td>
</tr>
</tbody>
</table>

Further information:

www.business.qld.gov.au
Email: palm@des.qld.gov.au
Phone: 13 QGOV (13 74 68)

Privacy statement

The Department of Environment and Science and the Department of Natural Resources, Mines and Energy are collecting the information on this form to process your application for an environmental authority. This collection is authorised under Chapter 5 of the Environmental Protection Act 1994. Please note that the administering authority is required to keep this application on a register of documents open for inspection by members of the public under section 540 of the EP Act, and must permit a person to take extracts from the register pursuant to section 542 of the EP Act. Your personal information will not be otherwise disclosed to any other parties unless authorised or required by law. For queries about privacy matters please email privacy@des.qld.gov.au or telephone: 13 QGOV (13 74 68).
Attachment 1—Joint applicants and appointment of principal applicant

We are joint applicants for this environmental authority and hereby appoint:

as the principal applicant to receive statutory documents relating to this application.

<table>
<thead>
<tr>
<th>Name—individual or contact person if applicant is an organisation</th>
<th>Suitable operator reference number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organisation name, including any trading name (if an organisation)</td>
<td>ABN/ACN (if an organisation)</td>
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ADDITIONAL INFORMATION DOCUMENT TO SUPPORT VARIATION APPLICATION FOR A NEW ENVIRONMENTAL AUTHORITY FOR A RESOURCE ACTIVITY FOR THE GOLDEN MILE MINING LEASE APPLICATION

Tenement: Golden Mile MLA

Environmental Authority number: (not yet issued)

Prepared by: Hetherington Exploration and Mining Title Services (QLD) Pty Ltd, for and on behalf of Plentygold Miciere Pty Ltd

Date: 7-11-2018
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1 Background

The total proposed area of the Golden Mile Mining Lease Application (MLA) is 233.4 hectares and the shape is generally a rectangle.

Ausmex Resources Pty Ltd (Ausmex) is the current holder of several other mining leases (ML's) and exploration permits (EPM's) in the area. It should be noted however, that the Golden Mile MLA does not form part of the existing Ausmex project. The Golden Mile MLA will be operated separately from the other tenements held by Ausmex as it targets different mineralisation targets and the extracted ore will be processed at a different (off site) processing facility. As such, Ausmex has elected to apply for a separate Environmental Authority (EA) for the Golden Mile MLA.

The Golden Mile MLA is located approximately 40km south east of Cloncurry. Exploration activities conducted under the authority of EPM 15923 (with approval from Exco Resources Pty Ltd (Exco)), have identified the gold/copper/cobalt/tungsten resources the subject of the MLA.

The Golden Mile MLA proposes to extract gold/copper concentrates via standard underground cut and fill techniques and a simple gravity separation process. Extracted ore with then be transported via road to the Round Oak mineral processing facility on Cloncurry for processing under the terms of an existing joint venture agreement between Ausmex and Round Oak.

Reference to the attached tenement sketches shows the position of the Golden Mile MLA in relation to Cloncurry, adjacent resource authorities and nearby category C Endangered Regional Ecosystems (ERE’s) EPM. The sketches also show the proposed mine plan for the MLA which shows minimal surface disturbances due to the underground extraction technique and off-site processing.

There are two Category B endangered regional ecosystems (ERE’s) located near the boundary of the application area (refer to the attached sketches).

Pursuant to condition A13 of the current standard conditions for mining lease activities, no mining activities can occur within 1km of the outer boundary of an ERE. The ERE’s in question are highlighted in sketch 5 in attachment A.

2 Level 1/ Level 2 assessment criteria

In this case Ausmex confirm that they can comply with the eligibility criteria for standard conditions for mining leases. They will however, need amendment to condition A13 to allow mining activities to occur up to 50m from the boundary of the identified ERE’s. As such it is understood that the EA application will result in a code compliant variation EA where the EA will require compliance with all conditions of the code, (other than condition A13) along with compliance with the additional proposed conditions.
3 Affected environmental values

3.1 Description of environmental values affected

The vegetation within the Golden Mile MLA is described as spinifex country with rocky hills. The Mt Norna Formation dominates the geology in the MLA. The geological unit is composed of meta siltstones and sandstones. Soil development is sparse, mostly lithic skeletal with thicknesses of less than 0.2m. This reflects the dominantly rugged nature of the topography. In adjacent creek systems, soils are dominantly stream flood event transported sands and sandy loams with a suspected thickness of less than 3m. These drainage areas contain denser native vegetation including sections of endangered dominant ERE’s.

Evidence of land grazing activities and historic exploration activity is quite common in the area and the MLA. As such the existing vegetation in the area the subject of the MLA is defined as sparse.

A narrow ERE lies to the east and north of the MLA, however the closest point to the ML boundary appears to be approximately 200m to the east. The ERE in question appears to be remnant vegetation in the existing drainage gully that has escaped land clearing (grazing) practices in the past.

Air

The current air quality within the work area is typical of western Queensland cattle grazing areas. The region is currently in a drought declared state. As a result, background dust levels are high, particularly during periods of moderate to high wind velocities.

Monitoring at the Mount Isa airport between 1966 and 2012 indicates that the dominant wind direction is from the southeast with the dominant velocity between 10 and 20 km/hr (Figure 1).

Mining activities such as those proposed typically have relatively short-term limited impact in terms of the emissions of particulate matter, odours and dust. Work on this area will only be conducted during daylight hours, the disturbance is over a small area. The nearest habitation (station homestead) is approximately 20km to the east of the MLA and as a result the impact on the local population will be negligible.

Modern engines have emission controls in place which limit the emission of contaminants into the environment.
Land

In addition to being subject to cattle grazing operations for over 100 years and historic mining operations, the work area has also been subject to exploration activities for at least 50 years. This demonstrates the ability of the landforms and soils to readily regenerate.

The dominant land type can be described as a rough outcropping ridge land. The outcropping ridges rise some 10 metres above the surrounding plain. In major creek systems, the regolith is primarily composed of accumulated alluvial sands, derived from the weathering of granite. They are deposited by minor short-lived flood events. The sand thickness is likely to be less than 3 metres as the underlying granite can be seen in many drainages. These drainage areas contain denser native vegetation including sections of endangered dominant ERE's.
With the exception to the proposed change to condition A13, Ausmex believe that they can comply with all other standard conditions of the environmental code including those that relate to land protection issues.

**Noise**

A description of the work area was provided under the heading air and land above as was the description and locations of the sensitive places.

The background noise levels for area are typical of that for a western Queensland grazing area. The distances to the nearest habitation (20km) are such that noise will not be an issue.

With the exception to the proposed change to condition A13, Ausmex believe that they can comply with all other standard conditions of the environmental code including those that relate to noise reduction issues.

**Water**

The region is typically subject to brief high rainfall events. These events cause a brief surge through watercourses which may only last 1-2 hours. During these events, mining activities would be halted, however, the proposed mining activities on the Golden Mile MLA will not result in any mining disturbances within a minimum distance of 200m from the existing ERE’s and associated water courses.

As mentioned above oil spills are cleaned up with the use of dedicated kits.

The proposed work areas all drain towards the north east of the MLA. There are no defined wetlands or wild river areas within or immediately adjacent to the MLA. There are currently no water bores or wells located within the MLA.

Given the topography, the location of the proposed MLA and the current rainfall averages, the area in question is highly unlikely to be subject to sustained flooding, however, the drainages may be subject to high temporary flow rates during periods of excessive rain fall activity.

With the exception to the proposed change to condition A13, Ausmex believe that they can comply with all other standard conditions of the environmental code including those that relate to land protection issues.
Waste

The proposed mining activities will produce minor quantities of domestic waste, which will be removed from site and disposed of at an approved municipal facility.

The proposed underground mining activities within the MLA may produce minor amounts of benign waste material. Said waste material will be disposed of in accordance with the relevant standard conditions of the Code. This will include may include temporary waste stockpiles. Given the nature of the underground extraction technique, it is likely that all removed material will be transported to the off-site processing facility and therefore it is unlikely that any significant amount of was material will be produced.

With the exception to the proposed change to condition A13, Ausmex believe that they can comply with all other standard conditions of the Code including those that relate to waste issues.

3.2 Details of any emissions or releases likely to be generated

The following description of the likely emissions or releases generated by the described mining activities is limited to the area contained within the MLA.

The proposed mining activities are likely to result in the following temporary emission increases:

- A temporary increase in the generation of dust in the immediate vicinity of the operation.

- The proposed mining activities on the Golden Mile MLA include the removal of identified resource via underground extraction techniques, followed by transport to a nearby facility for processing. While these activities may cause a temporary degradation to the landform and land use of the working and surrounding areas, the proposed rehabilitation activities should ensure that the landform and land use is returned to at least the pre-disturbance landform/land capability or better.

- The works in question should have a negligible impact on surface and ground water quality for areas outside the boundary of the Golden Mile MLA given the minimum disturbance area, the proposed protection strategies and the depth of excavations. Compliance with the standard conditions of the code should ensure that any storm or other water leaving the ML boundary is of reasonable quality standard from both a contaminant and
suspended solid standard. It should be noted that there are currently no erosion or stormwater controls over the proposed mining lease area. In undertaking the proposed mining activities, Ausmex will install appropriate erosion, sediment and stormwater structures and will maintain them in accordance with the relevant conditions of the code. This will result in a significant improvement in water quality for existing surface water leaving the tenement area which is expected to be adversely affected by the disturbances created by the historic grazing and mining activities. In short, the proposed mining activities are expected to result in an improvement to the current environmental values relating to surface water quality.

- Given the depth of the proposed mining excavations, no impacts are expected to existing ground water values as a result of the proposed mining activities.

- The proposed activities will result in a temporary increase in noise levels at the relevant location while the activities are being completed. This should not prove to be an issue as the nearest noise sensitive receptor is located approximately 20km to the east.

- The proposed mining activities will result in the production of minimal amounts of domestic refuge. All such refuge will be disposed of at an approved municipal facility. The operation may also result in the production of small amounts of overburden material. Should any such material be produced it will be disposed of in accordance with the relevant conditions of the standard conditions of the Code.

3.3 Description of the risk and likely magnitude of the impact on the environmental value

Details on the likely magnitude of the impact on the relevant environmental value on the site as a result of the proposed activities were detailed in section 3.2 above.

3.4 Details of the management practices proposed to be implemented to prevent or minimise adverse impacts

Reference to the Code indicates the standard environmental conditions that the tenement holder must comply with when conducting mining activities on a code compliant EA. Compliance with these conditions will ensure negligible environmental impact to the nearby ERE’s as a result of the proposed operations.
In addition to the basic requirements of the Code, Ausmex will conduct the following additional environment management practices to ensure nil/negligible impact to the ERE’s when operating within those areas.

- Monthly inspections of all erosion control and stormwater structures will occur. Based on the results of said inspection, appropriate maintenance and or improvement of said infrastructure will occur.
- Prior to the commencement of mining activities, a basis assessment of the status of the ERE’s will occur. This will include photographic evidence. Regular (i.e. quarterly) visual inspections of the relevant ERE’s will occur to determine if the areas are adversely being impacted by the mining activities. If adverse impacts are noted, the EA holder will examine the development and implementation of appropriate additional protection strategies.
- The environmental authority holder does not intend to cause environmental harm to any environmentally sensitive area other than those detailed in this authority.
- All proposed disturbances will be contained within the MLA boundary. As such no disturbances will occur within a minimum distance of 200m of an ERE boundary.

Compliance all standard conditions of the Code (except condition A13), along with the additional operational activities detailed above should ensure negligible impact to the ERE’s in question.

3.5 Details of how the land will be rehabilitated

All rehabilitation activities will comply with the standard conditions of the Code along with the additional conditions detailed in section 3.4.

4 Applicable environmental code

As detailed in Section 1.0 and 2.0 above the applicable environmental code in this case is the Eligibility criteria and standard conditions for mining lease activities – Version 2.

5 Proposed Mining Activities

All proposed mining activities to be conducted under the authority of the Golden Mile MLA will comply with all standard conditions of the Code, except condition A13.
The proposed standard mining activities to be conducted on the Golden Mile MLA may include the following:

- Removal of overburden and placement in temporary stockpiles. Extraction and transport of the gold ore to an off-site processing facility.
- Ongoing resource definition drilling to determine extensions to currently defined resources.
- Rehabilitation activities as necessary

6 Proposed Measures to Minimise Environmental Impact

Details of the measures proposed to minimise impact to the environment were provided in section 3.4 of this document.

7 Proposed amendments to the standard conditions of the EA Code

All mining activities conducted on the Golden Mile MLA should comply with all standard EA Code conditions, except for standard condition A13 which should be amended as follows:

"A13: The holder of the environmental authority must not carry out activities:
1) In, or within 2km of, a category A environmentally sensitive area; or
2) In, or within 200m of, a category B environmentally sensitive area.

Proposed additional conditions

- Monthly inspections of all erosion control and stormwater structures will occur. Based on the results of said inspection, appropriate maintenance and or improvement of said infrastructure will occur.
- Prior to the commencement of mining activities, a basis assessment of the status of the adjacent ERE’s will occur. This will include photographic evidence. Regular (i.e. quarterly) visual inspections of the relevant ERE’s will occur to determine if the areas are adversely being impacted by the mining activities. If adverse impacts are noted, the EA holder will examine the development and implementation of appropriate additional protection strategies.
- The environmental authority holder must not cause environmental harm to any environmentally sensitive area other than those detailed in this authority.
8.0 Conclusion

The information provided in this document indicates that the proposed change to standard condition A13 of the Code will result in negligible adverse impacts to the existing environmental values of the ERE's in question. As such it is submitted that a variation EA be issued for the Golden Mile MLA in accordance with the proposed condition variation and proposed additional conditions detailed in section 7.0 above.

If you require any further information or assistance when assessing this proposal, please do not hesitate to contact Brian Martin directly on 3236 1768.
ATTACHMENT A
Sketches
Figure 2 – Golden Mile MLA Project location sketch
GOLDEN MILE MLA BOUNDARY MAP

Figure 3 – Golden Mile MLA boundary Map
Figure 4 – Golden Mile MLA access sketch

Figure 5 – Golden Mile MLA mine plan/infrastructure sketch