



Approval

Carrapateena Project copper-gold mining and processing, 65 km east of Woomera, SA (EPBC 2017/7895)

This decision is made under sections 130(1) and 133 of the *Environment Protection and Biodiversity Conservation Act 1999*.

Proposed action

person to whom the approval is granted	OZ Minerals Carrapateena Pty Ltd OZM Carrapateena Pty Ltd
proponent's ACN (if applicable)	OZ Minerals Carrapateena Pty Ltd (ACN 149 626 255) OZM Carrapateena Pty Ltd (ACN 007 756 443)
proposed action	To construct and operate an underground sub-level caving mine, processing facility and associated support infrastructure, 65 km east of Woomera, SA [See EPBC referral 2017/7895 and variation received 2 June 2017].

Approval decision

Controlling Provision	Decision
Listed threatened species and communities (sections 18 & 18A)	Approved
Nuclear actions (sections 21 & 22A)	Approved

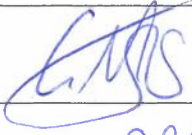
conditions of approval

This approval is subject to the conditions specified below.

expiry date of approval

This approval has effect until 31 December 2056.

Decision-maker

name and position	Gregory Manning Assistant Secretary Assessments (WA, SA, NT) and Post Approvals Branch
signature	
date of decision	29/3/18

Conditions attached to the approval

- 1) To manage the impacts of the action on the **environment**, the person taking the action must implement the conditions of the **SA approval**.
- 2) The person taking the action must not impact more than 1740 hectares of **Plains Rat habitat** within the **disturbance footprint**.
- 3) Prior to **commencement** of the action, to compensate for residual impacts to the **Plains Rat**, the person taking the action must acquire an **offset property** which must contain:
 - a. a **population** of the **Plains Rat**
 - b. no less than 1740 hectares of **Plains Rat habitat**
 - c. **habitat quality** equal to that of the **Plains Rat habitat** within the **disturbance footprint**.
- 4) The person taking the action must maintain or improve the **habitat quality** of the existing **Plains Rat habitat** at the acquired **offset property** for the life of this approval.
- 5) Within 2 years from **commencement** of the action, the person taking the action must change the tenure of the **offset property** for conservation purposes using an appropriate legal mechanism for long term protection.
- 6) Prior to the **commencement** of the action, the person taking the action must engage a **suitably qualified expert** to undertake a **Night Parrot** survey within the **development envelope**. The **Night Parrot** survey must be undertaken in accordance with the **EPBC Act Night Parrot survey guidelines**. Within three months of the **Night Parrot** survey being completed, the person taking the action must provide the **Department** with the **Night Parrot** survey results.
- 7) Should the **Night Parrot** or evidence of the **Night Parrot** be recorded during the survey, the person taking the action must submit for the **Minister's** approval, a **Night Parrot** Management Plan that must include:
 - a. Details of the **Night Parrot** survey results, including the methodology, timing and area surveyed.
 - b. An assessment of the impacts to the **Night Parrot** that will result from the action.
 - c. Management actions that will avoid, minimise and/or offset both the immediate and long-term impacts of the action on the **Night Parrot**.
 - d. Monitoring and reporting requirements that demonstrate the management actions are effectively being implemented and achieve the intended results. This should include the frequency, intensity and duration of monitoring.

The person taking the action must not **commence** the action prior to the **Minister** approving the **Night Parrot** Management Plan. The approved **Night Parrot** Management Plan must be implemented.

- 8) Prior to the **commencement** of the action, the person taking the action must engage a **suitably qualified expert** to undertake a **Frankenia plicata** survey within the **development envelope**. The **Frankenia plicata** survey must be undertaken in accordance with contemporary survey methods. Within three months of the **Frankenia plicata** survey being

completed, the person taking the action must provide the **Department** with the *Frankenia plicata* survey results.

- 9) Should the *Frankenia plicata* be recorded during the survey, the person taking the action must submit for the **Minister's** approval, a *Frankenia plicata* Management Plan that must include:
- a. Details of the *Frankenia plicata* survey results, including the methodology, timing and area surveyed.
 - b. An assessment of the impacts to the *Frankenia plicata* that will result from the action.
 - c. Management actions that will avoid, minimise and/or offset both the immediate and long-term impacts of the action on the *Frankenia plicata*.
 - d. Monitoring and reporting requirements that demonstrate the management actions are effectively being implemented and achieve the intended results. This should include the frequency, intensity and duration of monitoring.

The person taking the action must not **commence** the action prior to the **Minister** approving the *Frankenia plicata* Management Plan. The approved *Frankenia plicata* Management Plan must be implemented.

- 10) Within 3 months following the change of tenure referred to in condition 5) the person taking the action must provide the **Department** with **written evidence** that the **offset property** has been secured for conservation purposes using an appropriate legal mechanism.
- 11) Within 30 days after the **commencement** of the action, the person taking the action must advise the **Department** in writing of the actual date of commencement.
- 12) The person taking the action must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, and make them available upon request to the **Department**. Such records may be subject to audit by the **Department** or an independent auditor in accordance with section 458 of the **EPBC Act**, or used to verify compliance with the conditions of approval. Summaries of audits will be posted on the **Department's** website. The results of audits may also be publicised through the general media.
- 13) Within 30 days after **completion** of the action, the person taking the action must advise the **Department** in writing of the actual date of **completion** and provide a map clearly defining the date, location and actual impact within the **Disturbance footprint** of the action and be accompanied with a **shapefile**.
- 14) By 31 December of each year after the commencement of the action, the person taking the action must publish a report on their website addressing compliance with the conditions of this approval over the previous 12 months, including implementation of any management plans as specified in the conditions. Non-compliance with any of the conditions of this approval must be reported to the **Department** at the same time as the compliance report is published.
- 15) Upon the direction of the **Minister**, the person taking the action must ensure that an independent audit of compliance with the conditions of approval is conducted and a report submitted to the **Minister**. The independent auditor must be approved by the **Minister** prior to the commencement of the audit. Audit criteria must be agreed to by the **Minister** and the audit report must address the criteria to the satisfaction of the **Minister**.

16) If, at any time after 5 years from the date of this approval, the person taking the action has not **commenced** the action, then the person taking the action must not **commence** the action without the written agreement of the **Minister**.

Definitions

Commencement, commenced, commence: The construction of any infrastructure, excluding fences, signage, and Advanced Exploration Activities Excluded from Referral 2017/7895 as shown in the figure at Attachment A.

Completion is the day after the mine has been rehabilitated as required by the **SA approval**.

Department: The Australian Government Department or any other agency administering the **EPBC Act** from time to time.

Disturbance footprint: as defined in the figure at Attachment A.

Environment: as defined by section 528 of the **EPBC Act**.

EPBC Act: *Environment Protection and Biodiversity Conservation Act 1999 (Cth)*.

Frankenia plicata: is the **EPBC Act** listed *Frankenia plicata*.

Habitat quality: is the ecological condition of the **offset property** that enables the **Plains Rat** to persist in the area.

Minister: The Minister administering the **EPBC Act** and includes a delegate of the Minister.

Night Parrot: is the **EPBC Act** listed *Pezoporus occidentalis*.

Offset attributes: is an excel file ('.xls') capturing relevant attributes of the **offset property**, including the corresponding **EPBC Act** reference ID number, the physical address of the **offset property**, coordinates of the boundary points in decimal degrees, the **protected matters** for which the **offset property** compensates, any additional **EPBC Act** protected matters that are benefiting from the **offset property**, the size of the **offset property** in hectares and the legal mechanism used to protect and conserve the **offset property**.

Offset property: an area of land located within a 100 km radius of the **disturbance footprint**.

Plains Rat habitat: large open gypseous cracking clay areas associated with minor drainage features, and depressions within gibber stony plains.

Plains Rat: is the **EPBC Act** listed *Pseudomys australis*.

Population: a number of Plains Rat individuals among which interbreeding occurs.

SA approval: means the SA Minister for Mineral Resources and Energy Approval (record number 2017D054379) or as varied by the SA Minister for Mineral Resources and Energy and the recommended conditions as stated in the four Tenement Documents (ML6471, MLP152, MLP153, and MLP154) excluding Second Schedule condition 27 of ML6471.

Shapefile: is an ESRI shapefile containing '.shp', '.shx' and '.dbf' files and other files capturing attributes of the **Disturbance footprint** and **Offset Property**, including the shape, **EPBC Act** reference ID number and **protected matters** present at the relevant site. Attributes should also be captured in '.xls' format.

Suitably qualified expert: is a person with relevant tertiary qualifications and a minimum of ten (10) years demonstrated experience as a botanist or ecologist in a relevant field of natural science.

Survey guidelines: is the *Survey guidelines for Australia's threatened birds: Guidelines for detecting birds listed as threatened under the EPBC Act* (Department of the Environment, Water, Heritage and the Arts, 2010 - Erratum April 2017).

Written evidence: must include a description of the **offset property**, including the amount of **Plains Rat habitat**, the **habitat quality**, a map clearly defining the location and boundaries of the **offset property** and be accompanied with **offset attributes** and a **shapefile**.

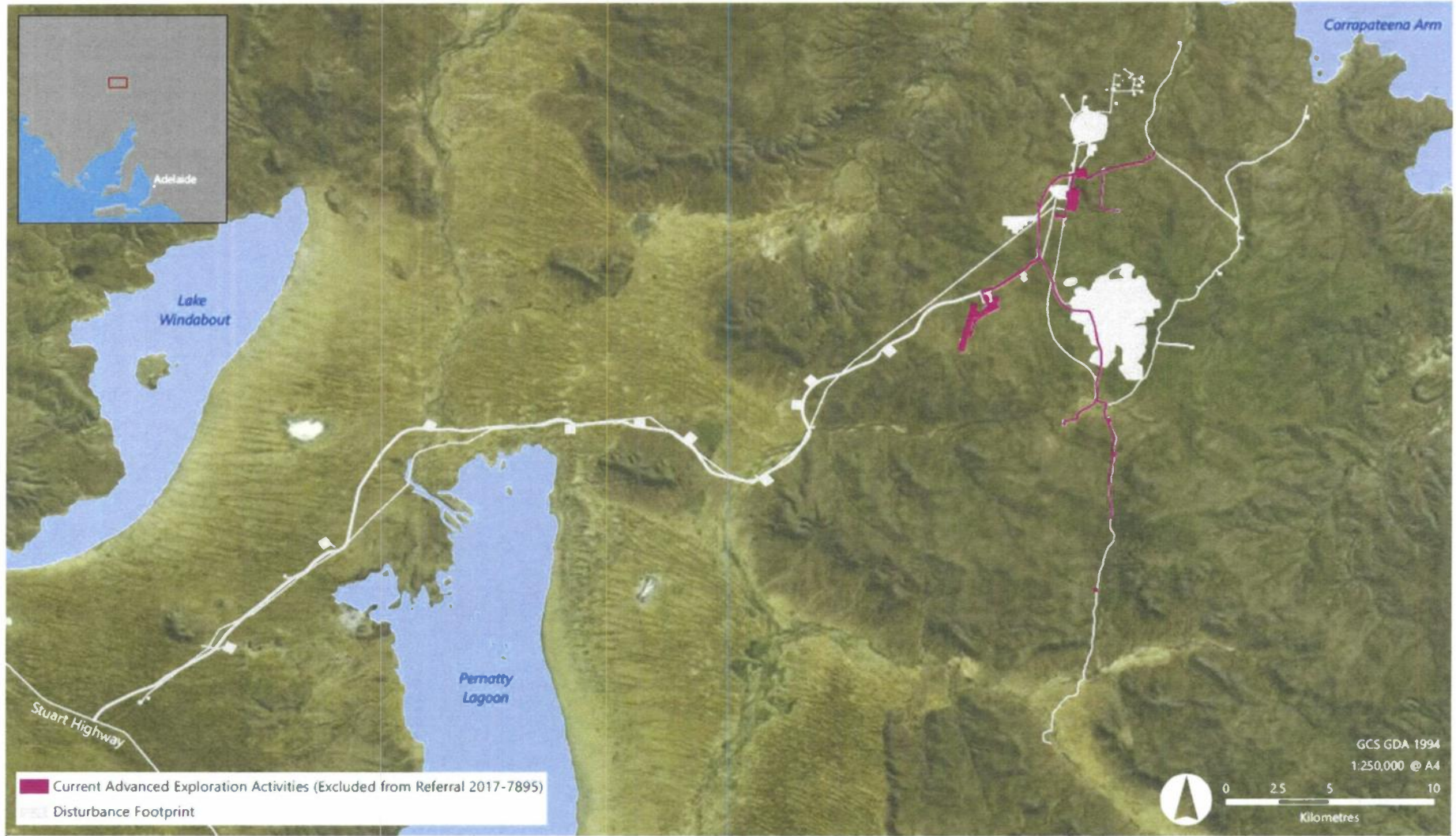


Figure 4.2: Disturbance Footprint and Areas Excluded from Referral 2017-7895

CARRAPATEENA PROJECT

