



Doc ID: EP-04034

11 February 2026

Mr Scot Sobey
Pacific Road Mineral Acquisition Company Pty Ltd
Suite 2; level 6; 28 Margaret Street
SYDNEY NSW 2000

Via email: scot.sobey@pacroad.com

Dear Mr. Sobey

Notification of Approved Exploration Program for Environment Protection and Rehabilitation EPEPR

In reference to your final submission dated 6 February 2026, the EPEPR has been approved pursuant to section 70B(5) of the *Mining Act 1971* (the Mining Act).

The approved EPEPR will be made publicly available on the Mining Register and the Department for Energy and Mining (DEM) website. Details of the approved EPEPR are listed below.

Approval Granted to	Pacific Road Mineral Acquisition Company Pty Ltd
Tenement Type & Number	<i>Exploration License EL6285</i>
Program Number	EP-04034
EPEPR Description	12 Month EPEPR- Drilling of 80 Push Tube/Auger drill holes, totalling 480m, approximately 15 km southeast of Streaky Bay at the Lake Purdilla Gypsum Project area.

You are reminded that you must always implement and comply with this approved EPEPR.

This approval does not constitute endorsement of the systems that you have in place to manage the mining operations in compliance with the Mining Act. Whilst your capability to undertake this activity has been considered in this approval, the responsibility for compliance with the Mining Act always remains with the tenement holder.

The legislative requirements associated with the EPEPR are outlined below, and certain requirements must be actioned prior to commencement of operations authorised by the EPEPR.

1	Public Liability Insurance Pursuant to Regulation 81 of the <i>Mining Regulations 2020</i> (the Mining Regulations), you are required to provide a copy of a certificate evidencing the insurance coverage over the tenement.
----------	---



2	Compliance Reporting You are required to submit an annual exploration compliance report. The report is required to be submitted within 2 months after the anniversary of the date the licence/lease was granted, or in accordance with joint reporting requirements agreed to with the Minister. Please refer to the DEM website for more information on the reporting requirements. You are reminded that a separate compliance report is required 2 months after the expiry or surrender of the EL.
3	Work, Health and Safety Compliance In accordance with Chapter 10 of the <i>Work Health and Safety Regulations 2012 (SA)</i> , you must meet the requirements for mine operators in South Australia, which include a notification for mining operations, the establishment of a Safety Management System, the identification of Principal Mining Hazards and development of a Principal Mining Hazard Management Plan. Further information on your responsibilities, including a guide to Chapter 10, and the Mine Operator Notification Form, is available on the SafeWork SA website .
4	EPEPR Timeframe The EPEPR is approved for a period of twelve months from the date of this letter. A further 3 months after expiry of the 12-month period is provided to complete all rehabilitation.

Please note, proposed changes to exploration operations stated in the approved EPEPR may require a EPEPR review to be submitted for assessment. Where a EPEPR review is required, implementation of the operational changes can only occur after the revised EPEPR is approved. Further information on when an exploration PEPR review is required can be found in Departmental guideline MG22 Conducting mineral exploration.

In addition to the requirements under the Mining Act, you are reminded that your operation will have other legislative requirements that you will need to comply with.

If you have any further queries, please contact DEM staff as below:

General enquiries	Cobus Martins Assessment Officer, Exploration Regulation DEM.exploration@sa.gov.au
--------------------------	---

Yours sincerely

Simon Constable
DIRECTOR, MINERALS REGULATION
In accordance with delegated powers and functions

The Department's Regulatory Guidelines, Ministerial Determinations and Information Sheets are available at: http://energymining.sa.gov.au/minerals/knowledge_centre

Exploration PEPR - EPEPR | 12 Month PEPR

Reference Number: **EP-04034** • Status: **Assessment**

Select Applicable PEPR

Is historical?

No Yes

Previous PEPR ID

—

Search PEPRs

—

Applicant and General Details

Applicant Details

Scot Sobey

Full Name *

Scot Sobey

Business Phone

Mobile Phone

0450812535

Email *

scot.sobey@pacroad.com (mailto:scot.sobey@pacroad.com)

Project Supervisor

Project Supervisor for Pacific Road Mineral Acquisition Company Pty Ltd
Mr Scot Sobey
Investment Director
0450 812 535

The in field supervision has been sub contracted to Mr Ian Warland, consequently his details are also provided as part of this applicaiton.

Mr Ian Warland
Nile Exploration Pty Ltd
Principal Geologist
0410 504 272

General Details

Tenement Details *

Tenement Type	Tenement Name	Tenement Holder
Exploration Licence	EL 6285	Pacific Road Mineral Acquisition Company Pty Ltd

Operating Company

Pacific Road Mineral Acquisition Company Pty Ltd

If there is another Operating Company, please provide

Account Name	Entity Type	Registered Address	Registered Email
There are no records to display.			

Project/prospect name

Lake Purdilla Gypsum Project

Mineral Model

The mineralisation occurs within lake sediments developed in shallow depressions of the Bridgewater Formation. These sediments comprise fine silt and clay hosting evaporitic minerals including gypsum, halite, and aragonite. Brine within the lakes is continually renewed through a combination of seawater seepage, episodic marine flooding, and meteoric water percolation through the overlying dune systems. Progressive evaporation drives a predictable precipitation sequence, with aragonite forming first, followed by gypsum and ultimately halite under higher salinity conditions. Gypsum occurs as selenite (>2 mm crystals) and gypsarenite (sand-sized grains), with intermittent subaerial exposure producing a thin surface veneer of gypsite (flour gypsum). This mineral assemblage and depositional setting are consistent with a coastal evaporite system typical of interdunal saline lakes on the southern Australian coastline.

Primary Commodities *

Commodity Name ↑	Commodity Group	Grade
Gypsum	Exploration	

Secondary Commodities

Commodity Name ↑	Commodity Group	Grade
------------------	-----------------	-------

There are no records to display.

Project Description

Lake Purdilla has been investigated historically for gypsum since the 1950's and has been subjected to several rounds of historical drilling. The SARIG database has 209 drill holes in the Lake Purdilla area alone. The proposed drilling by PacRoad plans to infill old drilling areas to allow resource calculation.

The proposed program is for up to 80 shallow drillholes to 6m deep. Most of the drill holes are on the salt lake with some in the surrounding low lying gypsum dunes fringing the lake. The drill method proposed is a mixture of push tube, and aircore drilling, with aircore only used when the push tube cannot penetrate the ground. The same drill rig is used for both processes.

Proposed Project Schedule

Start Date

01/02/2026

End date


30/03/2026

Clearly describe why a PEPR review is required, summarise all content changes made to the approved PEPR, and provide appropriate justification where a time extension is required.

Identify Application Area

Search

Search for an address.



Loading, please wait...

Maptaskr © 2026



Map Layer Intersects

Application Area Details

Location Description

Approximately 15km to the southeast of Streaky Bay on the Eyre Peninsula.

Area (Sqkm)

21.49

Spatial Data Intersects - Summary Table

Show entries

Search:

Spatial Layer Name	Category	Referral	Intersect Count
1:250K mapsheets	Other		2
Cadastral Parcels	Other		10
Determinations of Native Title	Other		2
Exploration licences (mineral/opal)	No-Go Area		2
Registered and Notified ILUAs	Other		2
Terrestrial - BOM Groundwater Dependant Atlas (GDE Atlas)	Other		26

Showing 1 to 6 of 6 entries

Previous

1

Next

Spatial Data Intersects - Details Table

Show 10 entries

Search:

Spatial Layer Name	Shape	Primary Attribute	All Attributes	Category
1:250K mapsheets	Shape 1	STREAKY BAY	View attributes	Other
1:250K mapsheets	Shape 3	STREAKY BAY	View attributes	Other
Cadastral Parcels	Shape 1	H650900SE64	View attributes	Other
Cadastral Parcels	Shape 1	D37347QP13	View attributes	Other
Cadastral Parcels	Shape 1	H650900SE65	View attributes	Other
Cadastral Parcels	Shape 1	D37347QP12	View attributes	Other
Cadastral Parcels	Shape 1	D37347QP14	View attributes	Other
Cadastral Parcels	Shape 3	H652200SE247	View attributes	Other
Cadastral Parcels	Shape 3	D37347QP13	View attributes	Other
Cadastral Parcels	Shape 3	H650900SE65	View attributes	Other

Showing 1 to 10 of 44 entries

Previous

1

2

3

4

5

Next

Program Preparation

Work undertaken in preparing the proposal

Pacific Road has completed the following exploration program preparation:

- Review of data from previous exploration over the life of the tenure, including review of regional geology and geophysical datasets.
- State and Federal Government spatial databases were interrogated to assist in desktop identification of existing environmental information.
- Selected an experienced drilling services provider with significant experience of drilling in the local area.
- Selected an experienced drilling services provider who can perform the exploration program with minimal environmental footprint
- Maintain good relations with private land holders through regular communication.
- Recently completed a reconnaissance trip to the exploration area to engage with stakeholders and review the area and potential environmental implication of the proposed drill program.
- The drilling area is on freehold land (private property) not subject to Native Title.
- Areas proposed for ground disturbance will be surveyed prior to disturbance to assist with planning activities and minimise any environmental impact.
- Field geologist has visited the area ahead of envisaged drilling operations to determine access and ensure desired drilling method is suitable.

The following sources were used to obtain information:

- DEM Mineral Regulation Guidelines MG22 Mineral exploration and PEPRs and compliance
- DEM information Sheet– M33 – Environmental Objectives and M21 – Mineral Exploration Drillholes – General Specifications for construction and backfilling.
- Nature Maps Website
- SARIG Website

Operator Capability

The drilling program is expected to run for a short duration of approximately 2–5 days and will be undertaken in February and/or March 2026, subject to suitable weather and rainfall conditions. Field activities will be supervised by an experienced geologist, Mr Ian Warland of Nile Exploration Pty Ltd, who has more than 30 years of industry experience. Drilling services will be provided by McLeod Drilling Pty Ltd, a highly experienced South Australian drilling contractor.

All Pacific Road personnel and third-party contractors are required to complete the on-site induction prior to commencing work. The induction addresses all necessary safety, environmental and stakeholder obligations. Additional Pacific Road subcontractors will be engaged only where they can demonstrate the existence and effective implementation of their own health, safety and environmental management systems. These systems must include policies and procedures relevant to the contracted services and align with accepted industry standards.

Pacific Road will notify the Department in accordance with Regulation 79(3) of the Mining Regulations 2020 should any incident occur at a drill site.

Pacific Road and its contractors maintain systems to monitor communications with landholders and native title parties in remote areas. These systems also provide a mechanism for lodging complaints by any Owner of Land.

Lease Conditions

The specific lease conditions attached to EL6285 have been reviewed and are addressed as follows. Conditions relating to environmental management, stakeholder engagement, reporting, and operational approvals are incorporated within the PEPR in the relevant sections. Administrative and legislative compliance requirements (e.g., expenditure commitments, native title processes, reporting obligations, and notifications under the Mining Act and Mining Regulations) are managed through Pacific Road's internal compliance systems and will be met as required.

Where conditions require specific actions prior to exploration activities—such as PEPR approval, stakeholder engagement planning, airborne survey notifications, groundwater notifications, and drilling inspector notifications—Pacific Road will comply with these obligations in accordance with the Mining Act 1971, Mining Regulations 2020, and associated Ministerial determinations.

Land Access

Identify the Owners of Land and authority to access land

Land Title Reference	Plan Parcel Reference	Type of Land	Owner of Land ↑	Land Access Authorisation Method	Date of Form 21 or Agreement Signed	Instrument or Uploaded Document Id	Uncheck land not applicable to your application ar
CT 5978/584	H65220 0SE24 7						Unchecked
CT 5978/584	H65220 0SE22 0						Unchecked
CT 5978/584	H65220 0SE14 0						Unchecked
CT 5795/171	DSection nQP11	Freehold	Endean	Service of Notice of Entry	04/02/2026	NOE-21B (NT-01151)	Checked
CT 5795/171	D37347 QP13	Freehold	Endean	Service of Notice of Entry	04/02/2026	NOE-21B (NT-01151)	Checked
CT 5795/171	D37347 QP12	Freehold	Endean	Service of Notice of Entry	04/02/2026	NOE-21B (NT-01151)	Checked
CT 5795/171	D37347 QP14	Freehold	Endean	Service of Notice of Entry	04/02/2026	NOE-21B (NT-01151)	Checked
CT 6273/918	HSection nSE63	Freehold	Williams	Service of Notice of Entry	04/02/2026	NOE-21B (NT-01152)	Checked
CT 6273/918	H65090 0SE64	Freehold	Williams	Service of Notice of Entry	04/02/2026	NOE-21B (NT-01152)	Checked
CT 6273/918	H65090 0SE65	Freehold	Williams	Service of Notice of Entry	04/02/2026	NOE-21B (NT-01152)	Checked

Is any of the application area over a road, street or highway

No

Woomera Prohibited Area (WPA)

Will activities be conducted within the WPA

No

In which zone will activities be conducted?

Name	Are you intending to undertake work?	Closure start date	Closure end date
There are no records to display.			

Does the tenement holder hold a valid and current Resource Exploration Permit under the WPA Rule?

—

Permit No.

—

What is the expiry date of the permit?

—

Does the Exploration Permit allow the operator to conduct exploration operations in the WPA?

—

Other Land Owned or Controlled by the Commonwealth Department of Defence

Indicate if you are intending to undertake exploration operations within the identified defence land

No

Other Commonwealth defence land

Defence Land	Applicable
There are no records to display.	

Do you have a Deed of Access with Defence?

—

Expiry date of the Deed of Access

—

Date the Range Control Officer granted permission to conduct the proposed exploration operations.

—

Describe the results of consultation and how any concerns raised were addressed

—

Native Title

Does 'Native Title land' exist within the application area?

No

Using the table below, describe how you have complied with the requirements of Part 9B of the Mining Act for each tenement.

Name of Determined / Claimant Group	Agreement Type	Instrument Number	Applicable
Wirangu People - Part A			No
Wirangu No 2 (Part A), Wirangu No 3 (Part A) and Wirangu Sea Claim No 2 (Part A) Settlement ILUA			No

Provide any additional relevant information

All land that exploration activities will be undertaken on is freehold (privately owned) land, consequently Native Title is extinguished.

Exempt Land

Exempt Land

Has Exempt land been identified?

No

If a "Waiver of Exemption" has been reached to waive the benefit of the exemption, a notice of the agreement must be given to the Mining Registrar, either within 21 days after the agreement was entered into or when an application for the mineral tenement is made under the Mining Act.

In the table below enter the relevant instrument numbers for any Form 23C - Notice of wavier of exemption provided to the Mining Registrar.*

Land Title	Plan Parcel	Owner of Land that has benefit of exemption ↑	Why is the land exempt land?	Waiver of exemption(s) been negotiated	Instrument Number or Uploaded Document Id
CT 5795/171	DSectionQP11	Endean			
CT 5795/171	D37347QP12	Endean			
CT 5795/171	D37347QP14	Endean			
CT 5795/171	D37347QP13	Endean			
CT 6273/918	H650900SE65	Williams			
CT 6273/918	H650900SE64	Williams			
CT 6273/918	HSectionSE63	Williams			

Consultation

Consultation

Stakeholder ↑	Land Use	Matters raised	Stakeholder concerns raised and how addressed
Endean	Grazing	None, the scope of the exploration programme has been explained to them along with the risk mitigation actions that will be undertaken by Pacific Road and its sub contractors during the execution of the drill programme.	The risk mitigation actions outlined to the landholder as contained within the Notice of Entry dated 17 Dec 2025 were satisfactory to the landholder.
Endean	Grazing	None, the scope of the exploration programme has been explained to them along with the risk mitigation actions that will be undertaken by Pacific Road and its sub contractors during the execution of the drill programme.	The risk mitigation actions outlined to the landholder as contained within the Notice of Entry dated 17 Dec 2025 were satisfactory to the landholder.
Endean	Grazing	None, the scope of the exploration programme has been explained to them along with the risk mitigation actions that will be undertaken by Pacific Road and its sub contractors during the execution of the drill programme.	The risk mitigation actions outlined to the landholder as contained within the Notice of Entry dated 17 Dec 2025 were satisfactory to the landholder.
Endean	Grazing	None, the scope of the exploration programme has been explained to them along with the risk mitigation actions that will be undertaken by Pacific Road and its sub contractors during the execution of the drill programme.	The risk mitigation actions outlined to the landholder as contained within the Notice of Entry dated 17 Dec 2025 were satisfactory to the landholder.
Williams	Grazing	None, the scope of the exploration programme has been explained to them along with the risk mitigation actions that will be undertaken by Pacific Road and its sub contractors during the execution of the drill programme.	The risk mitigation actions outlined to the landholder as contained within the Notice of Entry dated 17 Dec 2025 were satisfactory to the landholder.
Williams		None, the scope of the exploration programme has been explained to them along with the risk mitigation actions that will be undertaken by Pacific Road and its sub contractors during the execution of the drill programme.	The risk mitigation actions outlined to the landholder as contained within the Notice of Entry dated 17 Dec 2025 were satisfactory to the landholder.
Williams	Grazing	None, the scope of the exploration programme has been explained to them along with the risk mitigation actions that will be undertaken by Pacific Road and its sub contractors during the execution of the drill programme.	The risk mitigation actions outlined to the landholder as contained within the Notice of Entry dated 17 Dec 2025 were satisfactory to the landholder.

If any individual or group of similar affected persons were not able to be consulted, what steps were taken to consult with them?

Not Applicable

Provide any additional relevant information.

Although Pacific Road has classified the broader landholding owned by the Edean and Williams families as 'Grazing', the specific areas proposed for drilling are situated on a gypsum lakebed characterised by highly saline, nutrient-poor soils and very sparse vegetation, providing negligible forage and are therefore of limited grazing value.

Describe any council policies (or out of council) or development plans that may impact the program area and a description of any known plans for future land use changes by other parties.

Not Applicable

Description of Environment

Proximity to Infrastructure and Housing

Provide the following information:

The Purdilla Lake Exploration area is located on EL6285, approximately 15km to the southeast of Streaky Bay on the Eyre Peninsula.

The drilling area is on private (freehold) land used primarily for sheep grazing. Access is via the sealed Sceale Bay road then by existing farm tracks through the tenure.

There are no sheds, houses, or bores within 1500m of the drilling. The nearest bore is 1800m from the southern drill site (Figure 1a, and 1b).

Drilling operations are not expected to affect any infrastructure and will be too far from any dwellings to present a noise or dust nuisance. Consultation with the two affected landowners has been positive to date and will continue up to and post drilling phase to help mitigate any potential concerns.

Attach Files ⓘ

Expand/Collapse

File Name	File Size (Mb)	Created On	Download
20251222_Map_PEPR_Infrastructure_Proximity.pdf	0.35 Mb	22-12-2025 17:51:30	Download (MERS/EP-04034/Proximity to infrastructure/20251222_Map_PEPR_Infrastructure_Proximity_2025-12-22T07-21-30.139Z.pdf)

Landform, topography, soil and surface cover

Describe the topography and soil and surface cover (e.g. gibber) of the general area affected by the exploration program. Include details on the susceptibility to compaction, erosion, dust, runoff and visual attributes (steep or undulating slopes, plains, rocky outcrops, dunes, saltpans, claypans etc) any other characteristics (e.g. acid sulphate soils) that may require control strategies to reduce environmental impacts during operations or rehabilitation.

Landform and topography : The drilling area has flat topography, with the salt lakes completely flat , fringed by sandy low lying dunes. Low hills of calcrete also exist in the area.

Soil and Surface Cover: The surface cover consists of salt lakes with gypsum fringed by sandy dunes and low-lying calcareous hills. The area has low topography, and the rainfall is low, with runoff not expected to cause any significant erosion. The main KEV land system categorises the soils as Yamba and saline soil. Soils will be backfilled down the hole in a last out first in basis.

Attach Files ⓘ

Expand/Collapse

File Name	File Size (Mb)	Created On	Download
No Files Uploaded			

Surface Water

Will the proposed program interfere with surface water bodies and natural drainage (e.g. drainage lines, creeks, floodplains, wetlands)?

No

Describe the potential interference and surface water bodies and natural drainage on maps.

Indicate how you will avoid disturbance

The area is very flat lying with no significant creeks or drainages. The salt lake should be almost completely dry during the proposed drilling time of February 2026.

In the event the work area is effected by a downpour, the exploration program will be stopped until surface water is drained or evaporated and vehicle access can be achieved without environmental damage.

Is the program area located within water protection areas defined under the River Murray Act 2003?

No

Select the name(s) of protected water areas

Is the program area located within any prescribed watercourses or prescribed surface water areas under the Landscape?

No

Select the name(s) of the prescribed watercourses or prescribed surface water areas under the Landscape South Australia Act 2019.

Attach Files 

[Expand/Collapse](#)

File Name	File Size (Mb)	Created On	Download
No Files Uploaded			

Name	Applicable
There are no records to display.	

Groundwater

Is groundwater likely to be intersected when conducting the exploration program?

Yes

Provide evidence or any supporting information demonstrating this.

Description of the localities/areas where different groundwater conditions may be encountered

The Purdilla Lake is a salt lake that seasonally fills with water in the winter time and dries out in summer. Saline water can occur at depth in the lake. No water wells are shown in SARIG. The wetlands are rated B8 seasonal and are not rated with national significance. During a field trip in December 2025 the lake was dry and firm, with it expected to continue to dry out before drilling starts.

Add the different groundwater conditions for each localities/areas to the table below.

Name	Formation age and/or stratigraphic unit	Stratigraphic intervals (depth range) (m)	Aquifer formation name	Aquifer Interval/thickness (from-to) (m)	Aquifer Type	Aquifer salinity (TDS)	Depth to groundwater (m)	Comments
Sceale Bay	Quaternary	6	Bridegwater	10-40	Unconfined	>10,000mg/L	1	

Provide the environmental value of each aquifer present determined according to the current Environment Protection (Water Quality) Policy.

Provide a description of the existence, location and value of all Groundwater Dependent Ecosystems (GDE) within and immediately surrounding the project area

Aquatic GDE : There is no Aquatic GDE within the proposed work area or immediately surround the project

Terrestrial GDE : The work areas are either in no or Low Potential GDE – salt lakes with fringing sandy dunes

Is the proposed program located within a prescribed wells area?

No

Select the prescribed wells

Is the proposed program located within a prescribed water resource area?

No

Select the prescribed water resource areas

Provide any additional information

Attach Files 

[Expand/Collapse](#)

File Name	File Size (Mb)	Created On	Download
------------------	-----------------------	-------------------	-----------------

No Files Uploaded

Native Vegetation

Will you be working within areas of native vegetation?

Yes

Provide the following information:

Saltbush Communities: These communities are dominated by saltbush species like *Atriplex* spp., which thrive in saline soils.

Samphire and Wetland Vegetation: In areas closer to the lake, samphire (halophytic plants) such as *Salicornia* spp. are common

Woodland Areas: Eucalyptus species, such as *Eucalyptus socialis* (social mallee) and *Eucalyptus porosa* (porous mallee), can be found in more vegetated areas away from the salt lake

Indicate why you will not be working within areas of native vegetation?

Attach Files 

Expand/Collapse

File Name	File Size (Mb)	Created On	Download
20251222_Map_PEPR_Flora_Conservation_Parks_Proximity.pdf	0.3 Mb	22-12-2025 18:15:00	Download (MERS/EP-04034/Native Vegetation/20251222_Map_PEPR_Flora_Conservation_Parks_Proximity_2025-12-22T07-45-00.956Z.pdf)

Fauna

Describe the native and feral fauna that may be present in the application area, including feral species.

There are no threatened or rated fauna species in the proposed drilling area according to Nature Maps. Any rated species are outside of the tenement area.

Significant Habitats, Flora & Fauna

Are there any significant habitats, flora and fauna within the project area?

No

Use the table below to list any significant habitats and any rare or endangered flora and fauna species located or reported to have been in the area that may be impacted by the proposed program. Include known sightings of listed species on a locality plan/map.

Species name/habitat	Common name	NPW Act Rating	EBPC Act Rating
There are no records to display.			

Attach Files 

Expand/Collapse

File Name	File Size (Mb)	Created On	Download
20251222_Map_PEPR_Threatened_Species_Proximity.pdf	0.22 Mb	22-12-2025 18:23:31	Download (MERS/EP-04034/Fauna/20251222_Map_PEPR_Threatened_Species_Proximity_2025-12-22T07-53-30.718Z.pdf)

Weeds and Pathogens

Provide information of the extent the area is affected or potentially affected by weeds and pathogens (e.g. phytophthora; buffel grass *Cenchrus ciliaris*).

There are no weeds of significance listed in the area. All equipment will be driving from the sealed road to the drill site. All vehicles will be clean and undergo a weeds and seeds inspection before entering site.

Attach Files

File Name	File Size (Mb)	Created On	Download	Expand/Collapse
20251222_Map_PEPR>Weeds_Proximity.pdf	0.27 Mb	22-12-2025 18:19:25	Download (MERS/EP-04034/Weeds and Pathogens/20251222_Map_PEP R>Weeds_Proximity_2025-12-22T07-49-25.724Z.pdf)	

Aboriginal Heritage

Describe the steps taken to identify Aboriginal heritage sites within the proposed area of exploration. Include a statement advising if an Aboriginal heritage survey has been conducted by the proponent and if so, the results of the survey.

An initial search of the Register of Aboriginal Sites and Objects identified several heritage sites in the broader region, all located well away from the proposed drilling area. This search was cross-checked against the more detailed heritage records previously obtained by AIC (the former Tenement Holder), confirming that no additional or newly recorded sites occur within or near the proposed operational footprint

Environmentally Sensitive Locations

Indicate if you are intending to undertake exploration operations within the environmentally sensitive locations listed.

No

Name	Applicable
There are no records to display.	

Are you likely to impact on the environmentally sensitive area?

—

Detail the likely effects the proposed program may have.

—

Attach Files 

Expand/Collapse

File Name	File Size (Mb)	Created On	Download
No Files Uploaded			

Exploration Operations

Equipment and Personnel requirements

Using the table below, describe the maximum composition of field crews (operator, contractors, and geologists) and proposed working hours/days for each type of activity.

Type of Personnel	Number	Name of contractor company (if applicable)
Geologists	1	1
Field assistants/technicians	1	1
Drilling Crew	2	McLeod Drilling
Other (provide details)	1	Pacific Road Acquisition Company Director

Shifts worked per day	Hours worked per day	Days worked per week
1	12	7

Using the table below, describe the equipment (size, number and contractor details) required to conduct the proposed operations.

Name	Owner/Operator	Description/capacity	Activity/purpose
Drilling Rig	Operator (McLeod Drilling)	6x6 Toyota Landcruiser mounted drilling rig 7m x 2m x 3m (L x W x H)	Push Tube / AC Drilling
Landcruiser	Operator (McLeod Drilling)	LV - Utility Vehicle	Support vehicle for Driller offsider
Landcruiser and Trailer	Operator - Pacific Road Hire Vehicle	LV - Utility vehicle and trailer	Geological consultant + Field Assistant + Pacific Road Director

Low impact exploration activities

Will low impact exploration operations be conducted that are not covered by the Generic program for environment protection and rehabilitation – low impact mineral exploration in South Australia, (generic PEPR)?

No

Describe each type of low impact operations proposed.

Drilling Operations

Will exploration drilling Operations be conducted?

Yes

Fill out the below table

Tenement	Drilling Types	Maximum number of drillholes	Maximum drillhole depth (m)	Number of drill pads	Maximum number of sumps required at each site	Maximum size of sumps (length x depth x width)	Average size of each drill pad	Number of sites requiring pad excavation	Average volume of material to be excavated
EL 6285	Other	80	6.00	0	0	0.00	0.00	0	0.00

Other Drilling Method(s)

Push Tube Drilling will be the primary drilling method, should the selenite layer be too hard for the Push Tube to penetrate, the tail of the hole will be finished with either Auger or Air Core as appropriate.

Drillsite preparation

If exploration drilling activities are proposed, describe the methods used to prepare sites, including vegetation clearance requirements, site levelling and digging of sumps.

The proposed 6x6 Landcruiser drill rig that will be used for this program is not anticipated to require track preparation and no clearing of vegetation is expected. A site visit has been conducted and most of the drill holes are on the salt lake with no vegetation. Some holes are on low dunes, where if vegetation / trees are present they can be avoided.

Aquifers in the region are unconfined. If significant water is intersected and brought to surface through drilling air pressure, the drillhole will be abandoned and rehabilitated in accordance with Protocol M21, including decommissioning for unconfined aquifers by backfilling the drillhole with drill cuttings, clean fill containing clay, or cement before placing a drill plug 30cm below surface and backfilling to ground level.

Drilling will be undertaken in two main areas—the northern site and the southern site. Drillhole spacing will vary, as the program is designed to infill historical drillholes previously used in a resource calculation.

Drillhole construction and decommissioning

Drillhole construction and decommissioning

Construction : Drill holes will be approx. 50mm in diameter and it is not expected casing will be used for the shallow depth of the holes. A drill tube is pushed from surface by the drill rig, this is referred to as “push tube” drilling and the aim is to push tube to end of the hole. Samples are taken every metre or per geologically selected interval. If the tube cannot penetrate the ground, then the same drill rig switches to auger / aircore method. Generally, no casing is required, in case of unstable cover a max of 3m would be placed in ground 100mm casing, all casing will be removed at completion of hole.

Decommissioning: Push tube drilling collects the sample in core, which will be split into 1 metre intervals for sampling, with the remaining material retained. If air core drilling is required in harder sediments, a 25% split will be taken from each metre and the remainder of the sample disposed of down the drillhole. Where there is insufficient material to adequately backfill the drillhole, clean fill containing clay will be sourced and used to fill the drillhole before placing a drill plug 30 cm below surface and backfilling to ground level. If significant water is intersected, the drillhole will be stopped and capped as described above (i.e. the drill hole will be backfilled with clean fill containing clay before placing a drill plug 30cm below surface and backfilling to ground level).

Have the personnel responsible for implementing the proposed program read and understood the Earth Resources Information Sheet M21, Mineral exploration drillholes – general specifications for construction and backfilling?

Yes

Describe how drillholes will be constructed, including the casing material to be used, depth of casing, if the casing will be cemented, cementing intervals and the class of driller that will install the casing.

Construction : Drill holes will be approx. 50mm in diameter and it is not expected casing will be used for the shallow depth of the holes. A drill tube is pushed from surface by the drill rig, this is referred to as “push tube” drilling and the aim is to push tube to end of the hole. Samples are taken every metre or per geologically selected interval. If the tube cannot penetrate the ground, then the same drill rig switches to auger / aircore method. Generally, no casing is required, in case of unstable cover a max of 3m would be placed in ground 100mm casing, all casing will be removed at completion of hole.

When describing drillhole decommissioning requirements, include the materials to be used, stratigraphic intervals where cement plugs will be placed, if the casing will be removed and when decommissioning will occur after drilling is completed.

Decommissioning: Push tube drilling collects the sample in core, which will be split into 1 metre intervals for sampling, with the remaining material retained. If air core drilling is required in harder sediments, a 25% split will be taken from each metre and the remainder of the sample disposed of down the drillhole. Where there is insufficient material to adequately backfill the drillhole, clean fill containing clay will be sourced and used to fill the drillhole before placing a drill plug 30 cm below surface and backfilling to ground level. If significant water is intersected, the drillhole will be stopped and capped as described above (i.e. the drill hole will be backfilled with clean fill containing clay before placing a drill plug 30cm below surface and backfilling to ground level).

Attach Files 

Expand/Collapse

File Name	File Size (Mb)	Created On	Download
No Files Uploaded			

Costeans and bulk sample disposal pits

Will costeans/bulk sample disposal pits be required for the proposed program?

No

Tenement	Number of costeans/pits	Size of costean (length x width) (m2)	Average depth (m)	Volume excavated (m3)	Total Volume Excavated (m3)	Total area of disturbance
There are no records to display.						

Describe site preparation methods, vegetation clearance, and safety and maintenance requirements

There will be no need for Costeans or Bulk Sample disposal pits

Sample management

Describe the size of samples collected (including drilling samples and bulk sampling), collection methods, materials used when collecting the sample, sample disposal methods (including removal of sample bags), safety management and any other sample management requirements at the exploration site (e.g. tarps or matting used to contain cuttings). Include requirements for on-site geological sample management (splitting of archive samples, bag farms, core processing and storage).

- A stainless steel 50mm drill tube is pushed into the ground from surface by the drill rig. The core is then placed into a core tray. Selected samples are taken every 1m or other measurement geologically selected by splitting the core in half. The rest of the sample is put back down the hole if not required.
- If aircore is required for harder ground then samples will be collected in buckets or sample bags at 1m intervals.
- From these buckets/samples bags, a 25% split is taken from each metre and placed into calico bags to be sent to the laboratory for analysis.
- The surplus bulk samples will then be used to backfill the holes immediately followed drilling and a non-degradable plug at 0.3m below surface
- The 0.3m of fill should consist of native soil from the top of the hole, and a soil mound left over the hole's position to allow for any subsidence. Casing will be removed if used.
- Plastic bags and surplus calico bags from 1m splits will be disposed of separately at a designated waste dump
- All sample bags will be rehabilitated within the requested approval time monitoring for bag degradation.
- All sample bags will be rehabilitated within 3 months following expiry of this PEPR and ensuring monitoring of bag degradation.
- A temporary bag farm will be set up in the laydown area, with samples loaded into a bulker bag for transport to the laboratory

Access routes to work areas

Will existing tracks require upgrading and/or maintenance?

No

Detail the work required to upgrade/maintain existing tracks.

Not Applicable

Will access be required across adjoining tenements?

No

Detail the method(s) for gaining access, and if an agreement is in place with all stakeholders. Include the total area of disturbance required (i.e. length (km) and width (m) of tracks) and provide on a locality map.

0

Will access off existing tracks be required?

Yes

Detail the method(s) for gaining access and if vegetation clearance is required. Details of the total area of disturbance (includes drill traverses and seismic lines) required off existing tracks (i.e. length (km) and width (m) of new tracks) must be provided in the program notification.

- Existing station tracks will be utilised wherever possible to gain access to the drilling areas (See attached Figures 1 and 2 for Major and Station Tracks).
- It is not anticipated that new access tracks will need to be created, due to the proposed use of LV Landcruiser mounted AC rig. Vehicles will be driven across the unprepared terrain where there are areas of low or sparse vegetation, gibber, or scree surfaces.
- Where there are no established tracks and it is intended to traverse the same ground more than once, the same wheel tracks will be used.
- Vehicles speeds are adjusted to suit the conditions of the track, for example slower speed limits will be implemented between drill holes, and a maximum speed limit of 40km/hr is applicable on all permanent station tracks accessed. Speeds are reduced on corner entry to reduce compaction or cutting up of soft regolith materials.
- No access off the existing station tracks will be permitted by Staff or Contractors where the existing station tracks or major roads cross
- No maintenance of existing station tracks is anticipated

Attach Files

Expand/Collapse

File Name	File Size (Mb)	Created On	Download
Map_Access_Drilling_Targets_from_Existing_Roads.pdf	1.49 Mb	19-01-2026 14:53:53	Download (MERS/EP-04034/Access routes to work areas/Map_Access_Drilling_Targets_from_Existing_Roads_2026-01-19T04-23-54.176Z.pdf)

Campsites and equipment laydown areas

Indicate where staff and contractors will be accommodated during the exploration program.

All personnel will stay at Streaky Bay each night. No campsite is required.

What is the maximum number of personnel requiring accommodation?

5

Is a campsite required to be established?

No

Provide a description and justification of the camp location (e.g. previously cleared areas etc.), and any other relevant information.

Not Applicable.

What will be the total area (ha) of the campsite(s)?

0.00

Will native vegetation clearance be required?

No

What will be the total area (ha) of vegetation clearance for the campsite?

0.00

Describe the methods used to prepare the campsite including vegetation requirements and site levelling.

Not Applicable

Will any excavations be required?

No

Describe the purpose of the excavation

Not Applicable.

Describe the maximum volume (m3) of material to be excavated.

0.00

Provide confirmation that the proposed ablution facilities have been endorsed for use by the Department of Health or local council, where applicable.

No

Indicate why endorsement approval is not required by the Department of Health or local council.

The proposed exploration drilling programme is located on an undeveloped lake bed within the Streaky Bay region, well removed from any public health infrastructure, council-managed assets, or sensitive land uses. There are no dwellings, water supply points, wastewater systems, community facilities, or other built structures in or near the planned drill sites. As the activity does not intersect with any Department of Health-regulated infrastructure or Local Council assets, and does not pose a foreseeable public health or municipal impact, no separate endorsement or approval from the Department of Health or the Local Council is required. All risks associated with the programme are appropriately managed through the controls outlined in this document and within the scope of the mining regulator's approval framework.

Proposed infrastructure (includes caravans, tents, offices, hydrocarbon and water storage requirements etc)

Proposed infrastructure	Quantity	Description / capacity
Freight Trailer for carrying samples (part of Laydown Area)	1	TR1 - freight trailer

Will laydown areas be required?

Yes

Will the laydown area(s) be located at the same location as the campsite?

No

Provide a description and justification of the location (e.g. previously cleared areas), and any other relevant information if required.

A small area is required to stack samples and consumables for the duration of the program. A disturbed site (identified during drill programme scoping site visit) has been selected and will be confirmed with the land owner

What will be the maximum area (ha) required for the laydown area(s)?

0.25

Will native vegetation clearance be required?

No

What will be the total area (ha) of vegetation clearance for the site?

0.00

Describe the methods used to prepare the laydown area including vegetation requirements and site levelling.

The area selected in adjacent to existing station track and used by landowner as laydown area

Will any excavations be required?

No

Describe the purpose of the excavation.

Not Applicable

What will be the volume (m3) of material to be excavated.

0.00

Proposed infrastructure (includes hydrocarbon and water storage requirements)

Proposed infrastructure	Quantity	Description / capacity
Freight Trailer for carrying samples (Laydown)	1	TR1 - Freight Trailer

File Name	File Size (Mb)	Created On	Download
No Files Uploaded			

Other exploration methods and/or ancillary operations

Are any other proposed exploration methods (e.g. seismic) and/or ancillary exploration operations required?

No

Describe the activity(s), site preparation, vegetation clearance, and safety and maintenance requirements.

Not Applicable.

Water supply and management

Will camp and/or drilling water be required?

Yes

Describe how and where water will be sourced for drilling, track maintenance and camping purposes (e.g. groundwater, surface water, mains). Indicate how wastewater and/or runoff water will be managed.

A small amount of water may be required to suppress dust while drilling. This will be sourced from Streaky Bay

Will surface water and/or mineral drillholes be used as a water source/supply?

No

Indicate if a licence for water extraction/usage is required (refer to relevant Natural Resources Management water allocation plan available on the Department for Environment and Water (DEW) website).

No

Attach a copy of the licence or include a statement confirming that a licence will be obtained before the extraction and/or usage of water.

Not Applicable.

Groundwater investigation and water affecting activities

Will any water investigation (e.g. pump testing, water monitoring sites, water storage, turkey nests/dams) and/or water affecting activities, be undertaken (refer to s. 127 of the Landscape South Australia Act 2019)?

No

Describe the water investigation and/or water affecting activities, including site preparation, vegetation clearance, and safety and maintenance requirements.

Not Applicable.

Indicate if water affecting activities permits (eg well and water extraction/discharge permits) have been obtained and in accordance with the Landscape South Australia Act 2019.

No

Attached Files

[Expand/Collapse](#)

File Name	File Size (Mb)	Created On	Download
No Files Uploaded			

Management of hazardous materials

Will activities be conducted in areas of known uranium and thorium mineralisation?

No

Attach Files

[Expand/Collapse](#)

File Name	File Size (Mb)	Created On	Download
No Files Uploaded			

Will any other hazardous material be encountered when exploring in the area?

No

List the types of hazardous materials and provide a management plan on how these materials will be managed.

Not Applicable.

Rehabilitation

Detail all the activities and strategies relating to the remediation of all impacts associated with the proposed exploration operations (includes exploration camps and laydown areas, tracks). Completion of rehabilitation must be achieved within 3 months after the expiry of each program notification.

Staff or contractors will be used in rehabilitation activities completed in full or partially after the completion of each drill hole. It is expected that each hole will be rehabilitated immediately following drilling, however in the event that a hole is not completed immediately (i.e. mechanical failure or unexpected event) the hole will be rehabilitated within 3 months following expiry of the PEPR.

Drill Holes and Samples

- Drill pads or sumps are not created for this drill program.
- For AC/push tube drilling, cuttings will be collected in core trays (push tuber samples) and for AC samples in large plastic buckets at 1m intervals down the entire drill hole. From these buckets, samples will be collected in calico sample bags or green and submitted to a laboratory for geochemical analysis. The green bags or calico bags will be loaded onto a Ute. No Samples bags are anticipated to be left at drill holes following drilling.
- The surplus bulk drill cuttings collected in bucket will then be used to backfill the holes after drilling.
- A non-degradable plug at 0.3m downhole will be placed into the open hole and then topsoil backfilled to surface and heaped over drill hole to allow for subsidence.

Rubbish

- All rubbish, contaminated soil or work debris will be removed after drilling and disposed of at Approved District council dump. As per sample above Sample bags, sample buckets will be removed after drill hole completion
- Any temporary markers (tapes and pegs) will be removed after drill hole completed

State the estimated budget required to rehabilitate all impacted sitesState the estimated budget required to rehabilitate all impacted sites. Include a breakdown of the cost associated with each rehabilitation component

As rehabilitation occurs concurrent with a push tube hole being completed it is difficult to provide a precise budgetary number, we estimate rehabilitation costs to be in the order of A\$5,000

Vegetation Clearance

Will any area of cleared native vegetation be unrehabilitated after the authorised period?

No

Provide a map and description of the vegetation present in the application area, the extent of any proposed vegetation clearance and the likelihood of the presence of threatened flora.

Not Applicable, map and description of vegetation in the area has already been provided earlier in the preparation of this PEPR.

State the estimated quantum of significant environmental benefit (SEB) to be gained in exchange for the proposed native vegetation clearance and describe how the SEB will be provided.

Not Applicable.

System

Tenement Name ↑	Tenement Holder	Tenement Operators	Grant Date	Expiry Date	Tenement Type	Location Description	Tenement Area	Tenement Status	Shape Identifier
EL 6285	Pacific Road Mineral Acquisition Company Pty Ltd		17/11/2018	16/11/2029	Exploration Licence	Sceale Bay area approximately 15km south-southeast of Streaky Bay	148.00	Active	10010722-0000

Management of Environmental Impacts

Applicable environmental aspects and potential impacts

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Fire	Community/landowners	Damage to infrastructure and loss of income through fire.	<p>The proposed drilling programme is situated within a gypsum-dominated lake environment, which is inherently non-flammable and provides a naturally fire-retardant substrate. As a result, the likelihood of fire is low.</p> <p>Notwithstanding this, standard fire-prevention and response measures will be implemented to ensure that residual risks associated with vehicle and equipment operation are effectively managed. All plant and vehicles will be maintained in good working order, with exhaust systems, electrical components, and hydraulic lines inspected prior to mobilisation and routinely during operations. A dry-powder fire extinguisher will be carried on the drilling rig and support vehicle at all times.</p> <p>Refuelling will occur in designated low-risk areas on bare ground, with spill kits available to prevent fuel accumulation. Operators will remain vigilant for any signs of heat build-up, smoke, or</p>	Low	No loss of infrastructure or income through fire as a result of exploration activities.	Provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report confirming that no uncontrolled fires* occurred. Alternatively, provide a report on the independent investigation of all uncontrolled fires* demonstrating that the licensee could not have reasonably prevented the fire through the implementation of precautionary measures.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
----------------------	----------	------------------	--------------------	------	----------	------------------------------

			mechanical faults, and drilling will cease immediately if a potential ignition source is identified. These controls ensure that fire risk remains low and is managed to an acceptable level consistent with regulatory expectations.			
--	--	--	--	--	--	--

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Fauna	All fauna	Entrapment of fauna through open drillholes and excavations.	<ul style="list-style-type: none"> •Drilling will occur primarily on a dry lakebed and adjacent aeolian dunes, which contain little to no vegetation or wildlife. Surrounding the lakebed is partially cleared sheep-grazing land, further reducing the likelihood of disturbance to native fauna. •Drillholes will be backfilled immediately upon completion wherever practicable. •Backfilling will be undertaken using residual drilling sample in the first instance. Where insufficient material is available to adequately fill the drillhole, clean fill containing clay will be sourced and used before installing a drill plug 30 cm below surface and backfilling to ground level. •If immediate backfilling is not possible, a temporary hole plug will be installed to prevent small animals entering the hole and to eliminate the risk of injury to larger animals. •If any unexpected or significant fauna is encountered during drilling activities, the location will be recorded and photographs taken 	Low	No fauna traps created as a result of exploration activities.	<p>Maintain before, during and after photographic evidence of all drillholes and/or excavations demonstrating that:</p> <ul style="list-style-type: none"> • All drillholes were permanently or temporarily capped/plugged immediately upon completion. • No fauna and livestock became trapped in drillholes and/or excavations throughout the duration of the program. • All rehabilitation was completed within 3 months of expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. <p>Representative photos are to be included within the annual exploration compliance report. Provide the information requested within the 'Rehabilitation' section of the annual exploration compliance report.</p>

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
----------------------	----------	------------------	--------------------	------	----------	------------------------------

			where possible. •The Department of Environment and Water will be notified of any such fauna observations in accordance with regulatory requirements.			
Heritage and scientific sites	European heritage sites and sites of scientific and environmental significance	Disturbance to European heritage sites and sites of scientific and environmental significance (e.g. geological monuments, fossil reserves).	•The European Heritage feature in question is an unregistered burial site. • The burial site is located adjacent to an existing unsealed road used by the drill rig and support vehicles when travelling to the Southern Drill Area. • Pacific Road personnel will brief the Field Geologist and the drilling contractor (McLeod) on the exact location of the burial site and reinforce that no personnel are permitted to enter or approach the area. • There is no operational risk of accidental disturbance, as the Southern Drill Area is located approximately 2 km east of the burial site and vehicle movements will remain on the established road corridor.	Low	No disturbance to European heritage sites and to sites of scientific and environmental significance unless prior approval under the relevant legislation is obtained.	Demonstrate no impact to heritage sites and sites of scientific and environmental significance by: • Maintaining evidence, including detailed maps showing sites compared to the location of exploration activities, and photographic evidence of sites before and after the conduct of the exploration program. • Providing a statement within the annual exploration compliance report confirming sites were not impacted during the conduct of the exploration program.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Third party access	Soil/vegetation/farina	Degradation of rehabilitated access tracks caused by third party access (includes previously closed and rehabilitated access tracks).	<ul style="list-style-type: none"> • No permanent new access tracks will be created. • Vehicles will utilise existing sealed and unsealed roads to access the general exploration area. • From the existing unsealed road, vehicles will traverse the dry lakebed to reach the Northern and Southern Drill Areas. • Drilling will occur during the driest period of the year (February), when the lake surface is firm and vehicle movement results in minimal surface penetration. • All vehicles will follow the same route as the lead vehicle, with strict speed control maintained at <40 km/hr. • At the completion of the drilling programme, vehicles will exit via the same tracks used during mobilisation, returning directly to the existing unsealed road. • Rehabilitation of lakebed tracks will not be required, as the shallow surface impressions naturally dissipate through rainfall and aeolian reworking of lake sediments. • Both the Northern and Southern Drill Areas are located on fenced freehold properties owned by the Endeans and Williams, preventing 	Low	Rehabilitated access tracks remain permanently closed, unless prior approval under the relevant legislation is obtained.	<p>Maintain before and after photographic evidence demonstrating that all tracks are closed and rehabilitated within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised.</p> <p>Representative photos are to be included within the annual exploration compliance report.</p> <p>Provide the information requested within the 'Rehabilitation' section of the annual exploration compliance report.</p>

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
----------------------	----------	------------------	--------------------	------	----------	------------------------------

third-party access
and ensuring that
natural
rehabilitation of
tracks can occur
without any third
party disturbance.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Aboriginal heritage	Aboriginal heritage sites	Disturbance to Aboriginal heritage	<p>A heritage search has been completed for EL6285, confirming that previously recorded archaeological sites are located on the extreme western margin of the tenement, well outside and distal to the proposed exploration drilling area. These results are consistent with the more detailed heritage records previously obtained by AIC (the former tenement holder), and no new sites have been identified. As the planned drill sites and access routes do not intersect with any known Aboriginal or historic heritage places, the risk of heritage impact is low.</p> <p>Notwithstanding this, all personnel will be briefed on heritage awareness prior to mobilisation, and a stop-work procedure will be implemented in the event that any previously unrecorded artefacts, features, or cultural material are encountered. Any such discovery will be reported immediately and managed in accordance with the Aboriginal Heritage Act 1988 and regulator guidance. These controls ensure</p>	High	No disturbance to Aboriginal artefacts or sites of significance unless prior approval under the relevant legislation is obtained.	<p>Maintain a database and provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report demonstrating that:</p> <ul style="list-style-type: none"> Heritage sites were not impacted during the conduct of the exploration program, unless prior approval was obtained under the appropriate legislation Work ceased on discovery of a significant site and recommenced only after authorisation. Aboriginal heritage sites identified during the exploration program were appropriately recorded and reported to authorities, if not previously known.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
----------------------	----------	------------------	--------------------	------	----------	------------------------------

			that heritage values are protected and that the programme remains compliant with statutory requirements.			
--	--	--	--	--	--	--

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Stakeholders	Stakeholders	Interference to: • existing or permissible land use (includes loss of income, noise, dust, light and other emissions). • buildings, structures, existing tracks or other infrastructure. • aesthetic values of an area. Noncompliance with legislative requirements.	<p>• The drilling programme is expected to take 2–5 days and is not anticipated to significantly affect existing access tracks. PacRoad personnel engage with landowners prior to mobilisation to discuss drill locations, access routes, and timing to ensure activities do not interfere with freehold grazing operations and do not cause unnecessary environmental disturbance.</p> <p>Where concerns are raised, Pacific Road and the landowners work collaboratively to agree on an outcome that accommodates both parties.</p> <p>Mitigation and rehabilitation measures to minimise land-use impacts include: - Monitoring access tracks for signs of deterioration - Wetting tracks if deterioration occurs - Using alternative routes where necessary - Imposing vehicle speed limits appropriate to track conditions and proximity to infrastructure or livestock - Planning and coordinating vehicle movements to minimise traffic - Being informed of pastoral mustering activities and</p>		Stakeholders are fully informed and satisfied with the proposed methods used to conduct exploration activities on their land, and all prescribed forms are served and agreement is obtained in accordance with the Mining Act.	Provide the information requested within the 'Complaints' section of the annual exploration compliance report demonstrating that all reasonable complaints from stakeholders are resolved to the satisfaction of both parties prior to and ongoing during the course of exploration program, without the involvement of DEM. Provide the information requested within the 'Landowner details and liaison' section of the annual exploration compliance report demonstrating that prescribed forms were served and agreements obtained in accordance with the Mining Act prior to the commencement of exploration activities.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
			<p>avoiding interference -</p> <p>Constructing and rehabilitating drill holes, laydown areas in accordance with Information Sheets M21 and M33 -</p> <p>Undertaking photo monitoring before, during, and after exploration activities</p>			
Fauna	All fauna	Entrapment of fauna through open drillholes and excavations.		No fauna traps created as a result of exploration activities.	Maintain before, during and after photographic evidence of all drillholes and/or excavations demonstrating that: <ul style="list-style-type: none"> • All drillholes were permanently or temporarily capped/plugged immediately upon completion. • No fauna and livestock became trapped in drillholes and/or excavations throughout the duration of the program. • All rehabilitation was completed within 3 months of expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. Representative photos are to be included within the annual exploration compliance report. Provide the information requested within the 'Rehabilitation' section of the annual exploration compliance report.	

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Heritage and scientific sites	European heritage sites and sites of scientific and environmental significance	Disturbance to European heritage sites and sites of scientific and environmental significance (e.g. geological monuments, fossil reserves).			No disturbance to European heritage sites and sites of scientific and environmental significance unless prior approval under the relevant legislation is obtained.	Demonstrate no impact to heritage sites and sites of scientific and environmental significance by: <ul style="list-style-type: none"> • Maintaining evidence, including detailed maps showing sites compared to the location of exploration activities, and photographic evidence of sites before and after the conduct of the exploration program. • Providing a statement within the annual exploration compliance report confirming sites were not impacted during the conduct of the exploration program.
Third party access	Soil/vegetation/fauna	Degradation of rehabilitated access tracks caused by third party access (includes previously closed and rehabilitated access tracks).			Rehabilitated access tracks remain permanently closed, unless prior approval under the relevant legislation is obtained.	Maintain before and after photographic evidence demonstrating that all tracks are closed and rehabilitated within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. Representative photos are to be included within the annual exploration compliance report. Provide the information requested within the 'Rehabilitation' section of the annual exploration compliance report.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Native Vegetation	Flora and fauna and their habitats; includes Common wealth and state scheduled species.	Loss/modification of native vegetation and associated habitats through the clearance of vegetation.	<ul style="list-style-type: none"> Vegetation in this region is predominantly an open to very open with very little vegetation on the salt lake. Two rated species are in the vicinity and will be avoided where possible. Mitigation and rehabilitation strategies used to reduce disturbance to native vegetation include but are not limited to; <ul style="list-style-type: none"> Unnecessary vegetation disturbance will be avoided with implementation of methods consistent with DEM guidelines and requirements of the Mining Act 1971 Site access will use existing tracks in consultation with the land owners Clearing of understory vegetation and mechanical clearing of tracks will be avoided, and not expected due to the proposed Landcruiser mounted Rig and support trucks Traffic will be restricted to one track, and contractors are reminded at the start of each program and during programs as needed to stick to existing tracks and follow single tracks Rehabilitation will aim to restore the land to a stable condition that will 	Low	No permanent loss/modification of native flora and fauna populations and their habitats through: <ul style="list-style-type: none"> clearance fire other unless prior approval under the relevant legislation is obtained. 	Maintain before, during and after photographic evidence of all exploration sites (e.g. drillsites, new track exit/entry points off existing tracks, costeans, campsites) demonstrating that: <ul style="list-style-type: none"> The area and method of disturbance is consistent with that described in the PEPR. No uncontrolled fires* occurred as a result of exploration activities. Representative photos to be included within the annual exploration compliance report.

facilitate land use consistent with that established prior to implementing the exploration program • All vehicles carry fire extinguishers in the event of a fire • Smoking will only be permitted on the drill site away from vegetation and all cigarette stubs will be disposed of in a designated container • Hot points on vehicles and machinery will be void of dry vegetation RTR will aim to position drill holes to ensure minimal disturbance to native vegetation. • New tracks will be sited to minimise the amount of vegetation removal and will pass around larger trees • Access track will be dog legged of existing tracks and continuous straight lines will be avoided • Drill sites will not need clearing. • Tracks that will not be used again once rehabilitated will have ruts levelled and vegetation debris removed during clearing and topsoil respread over track area. • Rehabilitation will aim to restore the land to a stable condition that will facilitate land use consistent with that established prior to implementing the exploration program • Wheel

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
			<p>ruts are to be avoided by driving on pre-existing station track, and minimising traffic along new access tracks. All vehicles will travel at low speed on access tracks, and travel through wet areas will be avoided if a large rainfall event occurs</p>			
Groundwater users	Groundwater users	Interference to existing water users when extracting water from existing dams, water bores or mineral drillholes.	No extraction of water required from dams, water bore or mineral drill holes.	Low	No public nuisance impacts resulting from the extraction of water for exploration purposes, unless prior approval under the relevant legislation is obtained.	Provide the information requested within the 'Complaints' section of the annual exploration compliance report demonstrating that all reasonable complaints from stakeholders were resolved to the satisfaction of both parties, prior to and ongoing during the course of the exploration program without the involvement of DEM. Where permits are required for the extraction and/or usage of groundwater, provide copies of the licence or permit within the annual exploration compliance report.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Groundwater	Groundwater/aquifer	Groundwater contamination: • contamination of aquifers through entry of pollutants from the surface • interconnection between aquifers • degradation of natural hydrostatic conditions (maintain pre-drilling pressures).	Drill holes are shallow up to 6m. Drilling is not expected to intersect water, in the case that it does it is expected to be an unconfined aquifer. An unconfined aquifer is one in which the water is under atmospheric pressure, and generally remains at the level at which it was intersected. Although the aquifer is not under pressure groundwater discharge is possible during all drilling processes as the sample is returned to surface. Management and mitigation methods to control this include: • stop drilling is significant water is intersected • Upon completion of drilling, the drillhole will be backfilled with surplus drill cutting and plugged and to drillhole construction and decommissioning section located at the end of this PEPR). If not rehabbed immediately (for unforeseen circumstances) the hole will be temporarily plugged so as not to introduce pollution from the surface.	Low	Drillholes restored to controlling geological conditions that existed before the hole was drilled or, where it is intended to re-enter the hole, the hole must be completed with casing of adequate strength and the casing cemented so that all aquifers are isolated to prevent the movement of any fluids behind the casing.	Maintain evidence demonstrating that drillholes are decommissioned in accordance with Earth Resources Information Sheet M21, Mineral exploration drillholes – general specifications for construction and backfilling, and/or specific conditions from DEW (Groundwater) within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. Provide the information requested within the 'Groundwater' section of the annual exploration compliance report.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Other	European Heritage Sites and scientific and environmental significance	Disturbance to European heritage sites and sites of scientific and environmental significance (e.g. geological monuments, fossil reserves).	A burial site has been noted by the land owner. The site is next to an existing track. No drill holes are located in this area and it will be avoided and left undisturbed by staying on existing tracks.	Low	No disturbance to burial site monument	<p>Demonstrate no impact to heritage sites and sites of scientific and environmental significance by:</p> <ul style="list-style-type: none"> Maintaining evidence, including detailed maps showing sites compared to the location of exploration activities, and photographic evidence of sites before and after the conduct of the exploration program. <p>Providing a statement within the annual exploration compliance report confirming sites were not impacted during the conduct of the exploration program. Demonstrate no impact to heritage sites and sites of scientific and environmental significance by:</p> <ul style="list-style-type: none"> Maintaining evidence, including detailed maps showing sites compared to the location of exploration activities, and photographic evidence of sites before and after the conduct of the exploration program. <p>Providing a statement within the annual exploration compliance report confirming sites were not impacted during the conduct of the exploration program.</p>
General Public	General Public	Injury or death to members of the public as a result of exploration activities.	• Drilling is on private property with no public access	Low	No accidents involving the public that could have been reasonably prevented by the licensee.	<p>Provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report confirming no accidents occurred involving the public during and after the exploration program. If an accident involving the public did occur, provide a copy of the independent investigation report within the annual exploration compliance report demonstrating that the licensee could not have reasonably prevented the accident through the implementation of precautionary measures.</p>

Environmental Aspect Receptor Potential Impact Control Strategies Risk Outcomes Outcome Measurement Criteria

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Soil	Soil	Disturbance to the soil profile and topography, and accelerated soil erosion caused by exploration activities (e.g. construction of sumps, new tracks and drill pads; ground compaction at laydown areas and camps).	<ul style="list-style-type: none"> Existing station tracks will be utilised to access the drilling areas; reconnaissance confirms a suitable track network for drilling vehicles. Access to each drill location will be created by driving a single lead vehicle across the land, with all subsequent vehicles following the same tyre marks. Due to the nature of the lakebed and dune soils, compaction along access tracks will be minimal. Vehicle speeds will be , and reduced further to suit local conditions on all other access routes and between drillholes. Movement in and around each drill site will be kept to a minimum, with vehicles remaining stationary after setup unless essential. Single track use will be reinforced during pre starts and site inductions and monitored by supervising Pacific Road personnel. A temporary laydown area will be established only on level, vegetation free ground already used by the landowner for similar purposes. No new track clearing will be required. The primary drilling 	Where soil disturbance occurs as a result of exploration activities, ensure that: <ul style="list-style-type: none"> topsoil quality and quantity is maintained the soil profile and topography is reinstated to original conditions there is no accelerated soil erosion. 	<p>Maintain before, during and after photographic evidence of all excavations, drillsites, camps, laydown areas and new tracks demonstrating that:</p> <ul style="list-style-type: none"> The soil profile and topography is reinstated to original conditions and is consistent with natural surroundings within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. Where required, sufficient topsoil is removed (depending on soil profile), stored separately from subsoil and reinstated (in the correct order) within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. There are no signs of accelerated soil erosion during and post rehabilitation of disturbed sites. <p>Representative photos to be included within the annual exploration compliance report. Provide the information requested within the 'Rehabilitation' section of the annual exploration compliance report.</p>	

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
----------------------	----------	------------------	--------------------	------	----------	------------------------------

method will be Push-Tube Drilling, which has a very small footprint and does not require drill pads or sumps. • If an impenetrable selenite layer is encountered, drilling will be completed using air-core, which also does not require pads or sumps. • Drillholes will be shallow (1–5 m depth), ensuring minimal disturbance to the soil profile and eliminating the need for any earthworks that could alter local topography. • In areas where the lakebed transitions into aeolian dunes, minor surface depressions may occur. In these instances, the field team will manually reinstate the natural topography using hand tools to ensure the surface is returned to its pre-disturbance condition. • All drillholes will be backfilled and rehabilitated immediately in accordance with the approved decommissioning procedure, ensuring no long-term alteration to soil structure or landform.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Groundwater	Soil/vegetation/fauna	Discharge of groundwater into the surrounding environment.	<ul style="list-style-type: none"> If significant water is intersected drilling will stop 	Low	No discharge of groundwater outside of the exploration site (e.g. drillsite) into the surrounding environment and no discharge of water into a watercourse, unless prior approval under the relevant legislation is obtained.	Maintain photographic evidence of all drillsites demonstrating that groundwater was not discharged into the surrounding environment, unless water affecting activity permits were obtained allowing the discharge of groundwater into watercourses and/or lakes. Representative photos and water affecting activity permits (where applicable) to be included within the annual exploration compliance report.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Weeds and Pathogens	All flora and fauna, especially listed species.	Loss/modification of the environment (biological, social and economic) through the introduction of weeds and pathogens.	<ul style="list-style-type: none"> No weeds of national significance are noted in the area on Nature Maps. All vehicles will drive upon sealed roads for some time prior to accessing the drill site. Pacific Road will ensure that all vehicles, equipment and footwear are subjected to a weeds and seeds inspection before being allowed to enter the site. Vehicles will be washed and clean before entering new sites where a risk based assessment frames a need (i.e. between exploration areas that have different weed profiles). Existing tracks will be utilised to the drilling areas, reconnaissance shows there is a suitable track for the drilling vehicles. Access to drill location will be created by simply driving a vehicle across the land and all proceeding vehicles following those tyre marks. There will be minimal compaction along the drill access tracks due to the nature of the soils in the area. Vehicle speeds will be under 40km/hr on established station tracks and 	No	<p>Provide a statement within the introduction of new species of weeds and plant pathogens, nor increase in abundance of existing weeds species.</p> <p>Provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report, confirming that:</p> <ul style="list-style-type: none"> Vehicle logs were kept during the exploration program, demonstrating that all vehicles are clean and free of plant and mud material prior to entering properties† within the tenement areas, unless otherwise agreed to with the relevant landowners. Photographic evidence before and during exploration operations and after rehabilitation of disturbed sites was captured, demonstrating that no new weeds and plant pathogens were introduced, nor an increase in abundance of existing weeds recorded. 	

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
----------------------	----------	------------------	--------------------	------	----------	------------------------------

will be set lower to suit local conditions on all other access tracks and between drill holes. • Movement in and around drill site will be kept to a minimum with vehicles to remain stationary after set up unless absolutely necessary. Single tracks are maintained and will be re-enforced in pre-starts, site induction and monitored by the supervising Pacific Road personnel. • Temporary laydown area will be placed on level and areas of no vegetation that are utilised by landowner for similar activity. • No new track clearing required.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Contamination	Soil/vegetation/fau na	Soil/vegetation contamination (e.g. hydrocarbons, rubbish, drill samples/cuttings, ablutions, other sources)	<ul style="list-style-type: none"> · All general waste material including plastic sample bags and/or buckets, plastic sheeting placed under rig to catch spills, and any other drilling related rubbish will be collected and disposed of accordingly. · The drill rig is equipped with a hydrocarbon spill kit and all drillers and offsiders are trained to deal with any spills as quickly and efficiently as possible, and waste will be disposed of at the nearest Waste Transfer Station on completion of work. · Pre-start checks (safety and environment) will be undertaken on equipment to identify any leaks · Site inspections will be undertaken, and corrective actions will be implemented before project sign-off is completed. · Drill cuttings will be disposed of by backfilling of drillholes following drilling · Plastic drilling bags/buckets, calico drill bags and Rehabilitated PVC drill collars will be removed from site and disposed of at Coober Pedy or other authorised waste dump. Drill cuttings will be 	Low	No contamination of soil and vegetation as a result of exploration activities.	<p>Demonstrate that all domestic or industrial waste (includes general rubbish and hydrocarbons) is disposed of in accordance with the Environment Protection Act 1993 within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), and that all fuel and chemicals are stored in accordance with EPA requirements, by providing:</p> <ul style="list-style-type: none"> • The name, location and contact details of the authorised waste disposal facility. • A statement within the 'Compliance with approved programs' section of the annual exploration compliance report confirming domestic and industrial waste was removed from all exploration sites and disposed of at an authorised waste disposal facility. • Photographic evidence within the annual exploration compliance report demonstrating that all fuel and chemical storage facilities were managed in accordance with EPA requirements. Maintain photographs of all exploration sites and provide representative photos within the annual exploration compliance report demonstrating that drill cuttings are: • removed from site and disposed of at a licensed facility • buried under a minimum of 30 cm of soil, or in accordance with EPA guideline, Radiation protection guidelines on mining in South Australia: mineral exploration, available on the EPA website, or • backfilled down the drillhole, within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. Provide the information requested within

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
			disposed in line with DEM guidelines Cuttings will be used to backfill the drill hole prior to plugging No camp is required			the 'Rehabilitation' section of the annual exploration compliance report.

Not applicable environmental aspects and potential impacts

Environmental Aspect	Potential Impact
Hazardous materials - Uranium	Contamination of the environment when exploring for known uranium and thorium deposits. Public and employee/contractor exposure to low level radiation.
Third party access	Degradation of rehabilitated access tracks caused by third party access (includes previously closed and rehabilitated access tracks).
Heritage and scientific sites	Disturbance to European heritage sites and sites of scientific and environmental significance (e.g. geological monuments, fossil reserves).
Other (Hazardous Materials)	
Fauna	Entrapment of fauna through open drillholes and excavations.
Surface Water	Alteration to surface water – interference to surface drainage.

Supporting Information

Photos

Upload Photos 

File Name	File Size (Mb)	Created On	Download	Expand/Collapse
Picture 1.jpg	0.47 Mb	24-12-2025 16:04:41	Download (MERS/EP-04034/Supporting information/Photos/Picture 1_2025-12-24T05-34-42.081Z.jpg)	
Picture 2.jpg	0.35 Mb	24-12-2025 16:04:41	Download (MERS/EP-04034/Supporting information/Photos/Picture 2_2025-12-24T05-34-41.948Z.jpg)	
Picture 3E.jpg	0.36 Mb	24-12-2025 16:04:41	Download (MERS/EP-04034/Supporting information/Photos/Picture 3E_2025-12-24T05-34-42.024Z.jpg)	

File Name	File Size (Mb)	Created On	Download
Picture 3W.jpg	0.41 Mb	24-12-2025 16:04:41	Download (MERS/EP-04034/Supporting information/Photos/Picture 3W_2025-12-24T05-34-42.221Z.jpg)
Picture 4.jpg	0.23 Mb	24-12-2025 16:04:41	Download (MERS/EP-04034/Supporting information/Photos/Picture 4_2025-12-24T05-34-42.148Z.jpg)
Picture 5.jpg	0.31 Mb	24-12-2025 16:04:41	Download (MERS/EP-04034/Supporting information/Photos/Picture 5_2025-12-24T05-34-42.231Z.jpg)
Picture 6.jpg	0.33 Mb	24-12-2025 16:04:41	Download (MERS/EP-04034/Supporting information/Photos/Picture 6_2025-12-24T05-34-42.225Z.jpg)
Picture 7.jpg	0.07 Mb	24-12-2025 16:04:41	Download (MERS/EP-04034/Supporting information/Photos/Picture 7_2025-12-24T05-34-42.571Z.jpg)
Picture 8.png	1.14 Mb	24-12-2025 16:14:39	Download (MERS/EP-04034/Supporting information/Photos/Picture 8_2025-12-24T05-44-39.812Z.png)

Site identification	Date taken	Photo number & PEPR section reference	Easting (GDA94)	Northing (DGA94)	Zone	Details and comments	Document ID
Northern Lake Access	15/12/2025	Section D Access Routes	4727849	6357914	53	Existing track in northern area	Picture 1
Example of Salt Lake	15/12/2025	Section D Access Route Picture 2	430348	6357622	53	Salt lake example northern area	Picture 2
Picture 3W	15/12/2025	Section D	429641	6358081	53	Northern area – old tracks looking west	Picture 3W
Picture 3E	15/12/2025	Section D	429641	6358081	53	Northern area – old tracks looking east	Picture 3E

Supporting Maps

Upload Maps

File Name	File Size (Mb)	Created On	Download	<u>Expand/Collapse</u>
Map_Holes_Owners_Conservation_Areas.pdf	1.49 Mb	19-01-2026 17:35:42	Download (MERS/EP-04034/Supporting information/Maps/Map_Holes_Owners_Conservation_Areas_2026-01-19T07-05-44.074Z.pdf)	

Figure Description**Document ID**

Map showing the following information: • tenement boundaries, • cadastral information, • existing surface contours, • existing vegetation, • location of the proposed exploration operations (includes drillholes, existing and new access tracks, drill traverses, campsites, laydown areas and other applicable information) and/or the target exploration area(s), • location of existing ephemeral and permanent rivers, creeks, swamps, streams or watercourses and water management structures, • location of towns, houses and homesteads, existing roads, rails, fences, transmission lines, buildings, dams and pipelines known sightings of listed species, • location and extent of all environmentally sensitive areas, • any relevant land use types (e.g. parks and reserves, Aboriginal freehold land, Woomera Prohibited Area).

20251224_MAP_Holes_Owners_Conservation_Areas

Additional Information

List any other supporting information and/or documents submitted with the application, including land access approvals/permits required to conduct the proposed exploration program.

Not Applicable

Payment**Fee Payable**

Total Amount Payable: \$1,736.00

Invoice ID: [AP000220](#)

Payment Status: Paid

Maps framing proximity of Pacific Road Drilling Programme to Infrastructure and Housing

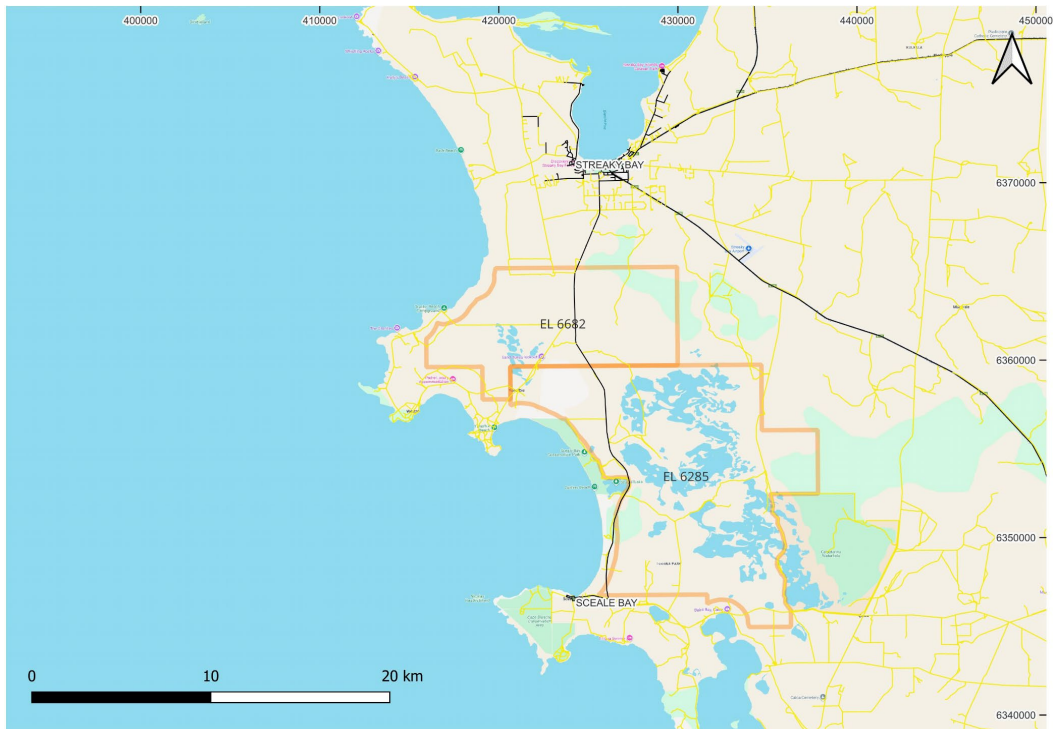


Figure 1a – Overview of the Project area and Proximity to infrastructure

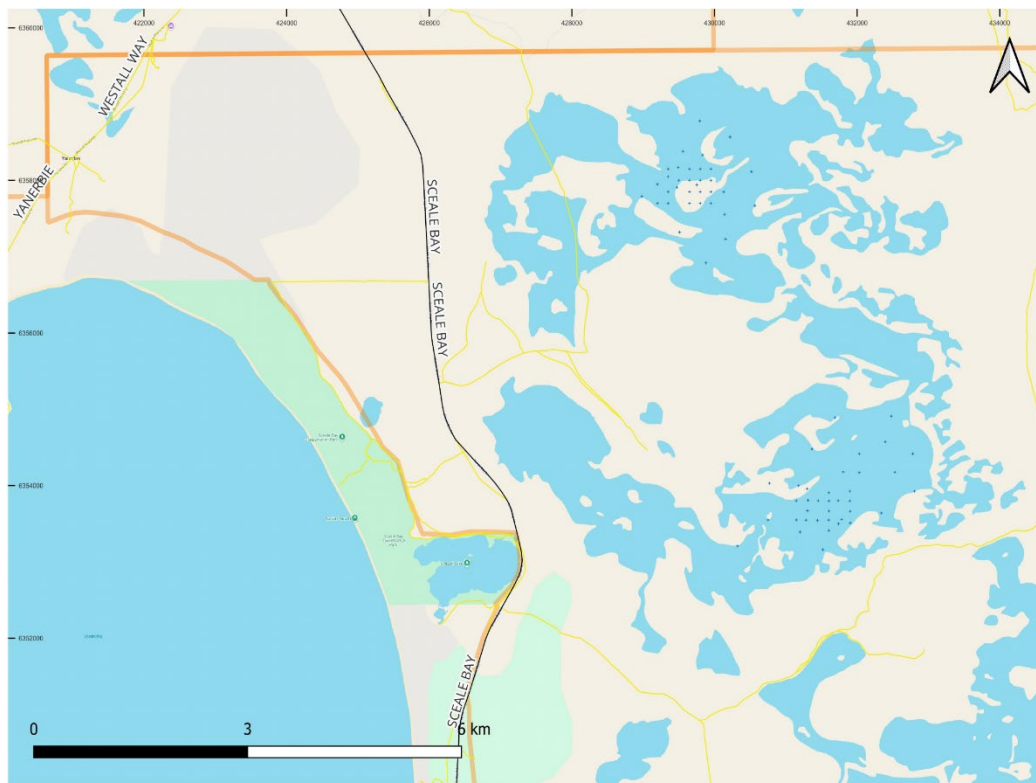


Figure 1b – Proposed Project Area, drill holes and existing access tracks and roads

There are no Environmentally Significant (ES) Species situated in the drilling area as per Figure 1 below.

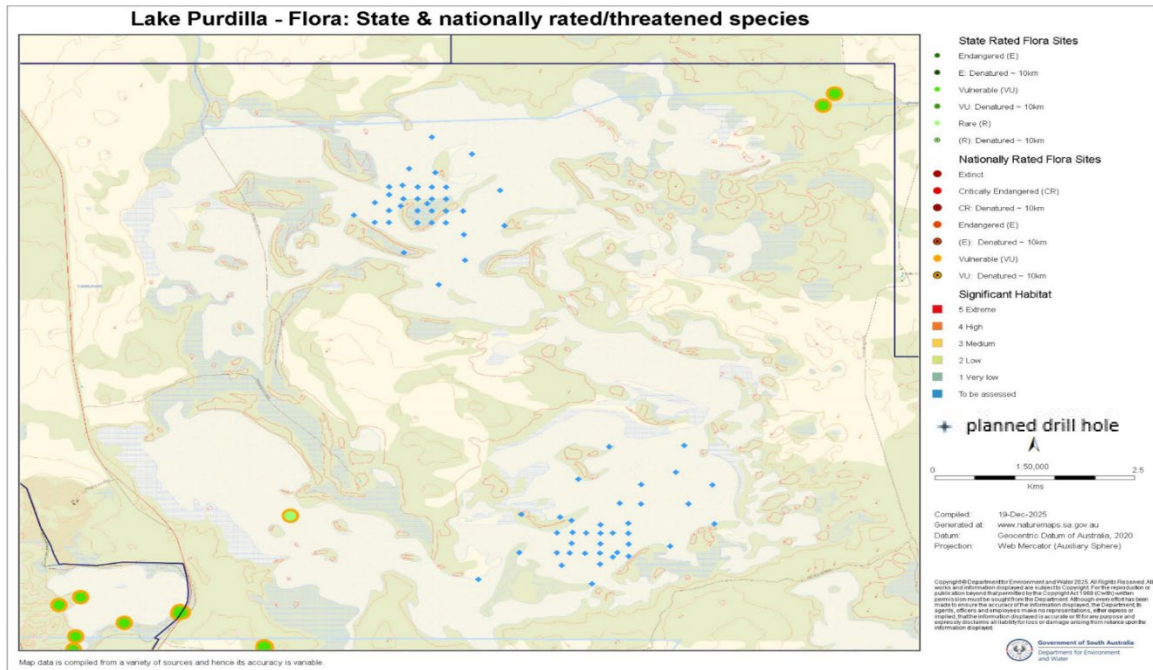


Figure 1 – ES rating from Nature Maps

The closest protected area is the Sceale Bay Conservation Park as per Figure 2 below

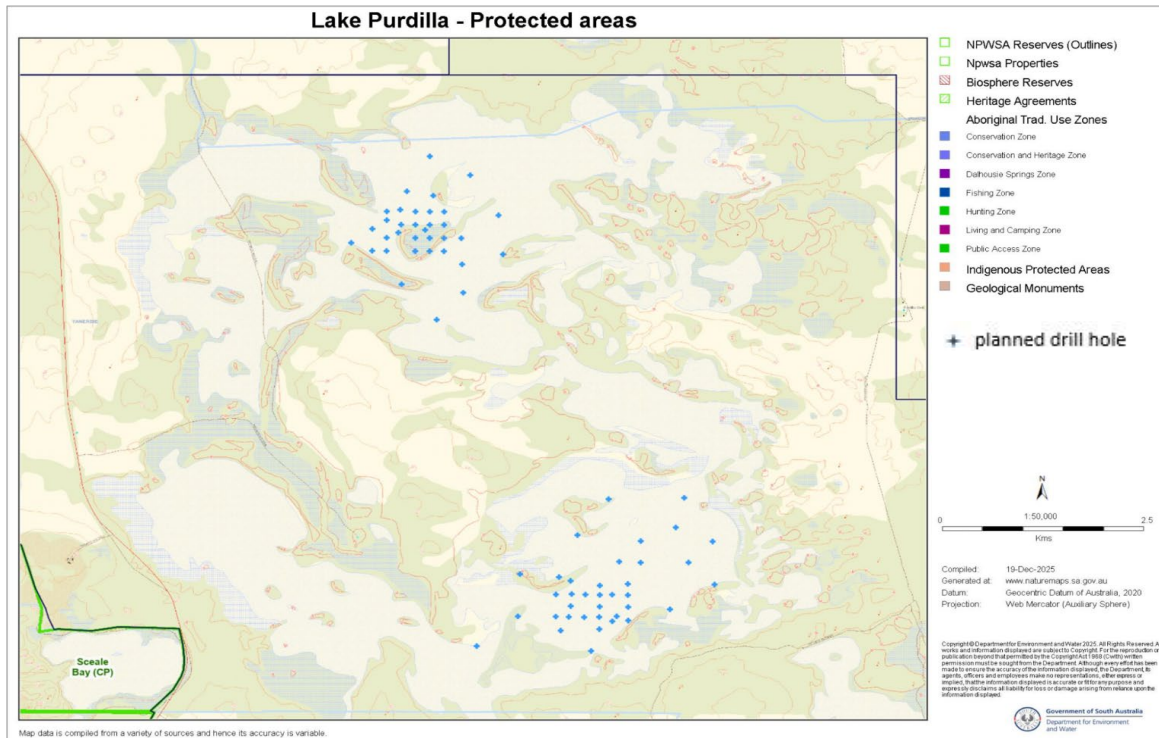


Figure 2 – Map framing protected areas in relation to proposed drilling program

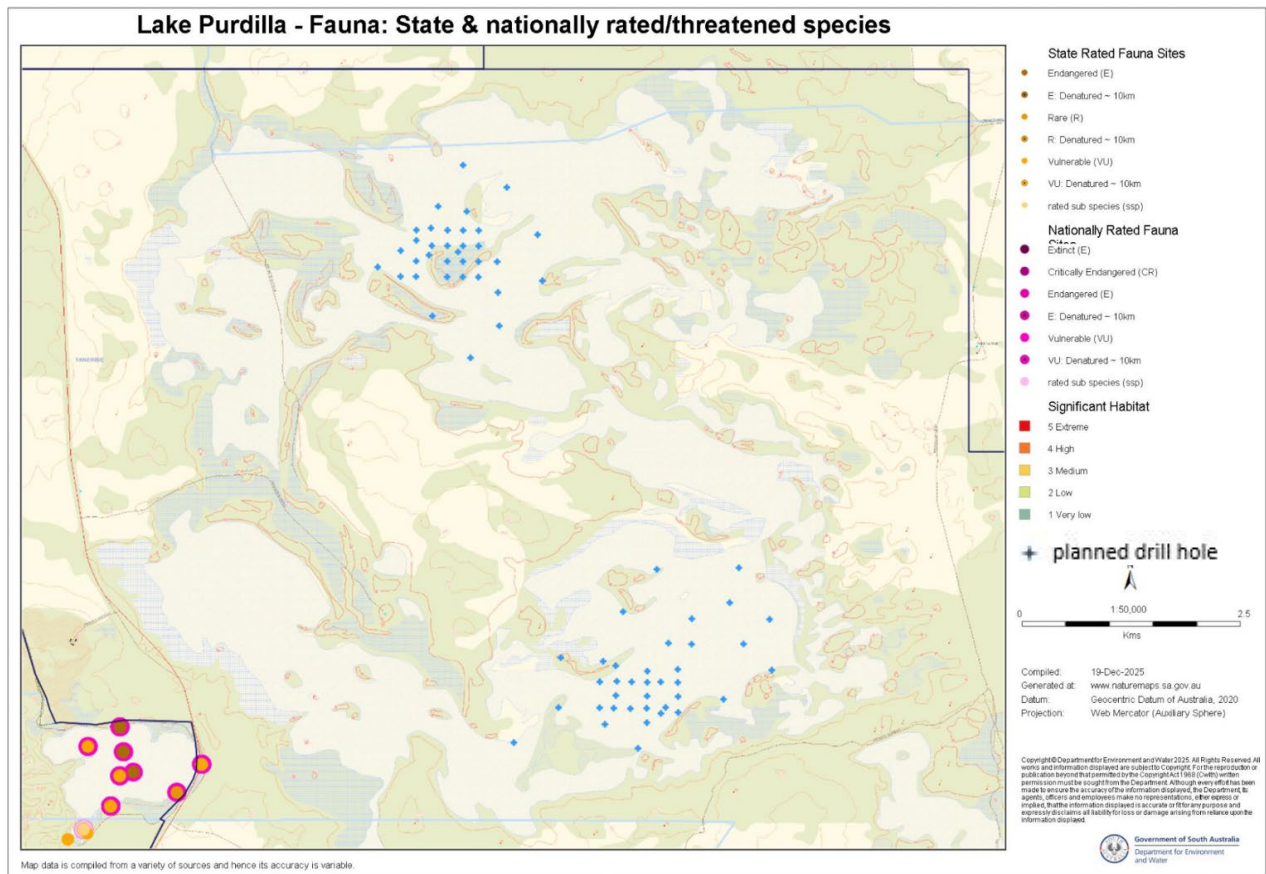


Figure 1 – Map showing *State / Nationally Rated Threatened Species*. All species highlighted in red are the Threatened species identified by Nature maps and are outside of the tenement area .

There are no weeds of national significance identified proximal to the drilling area.

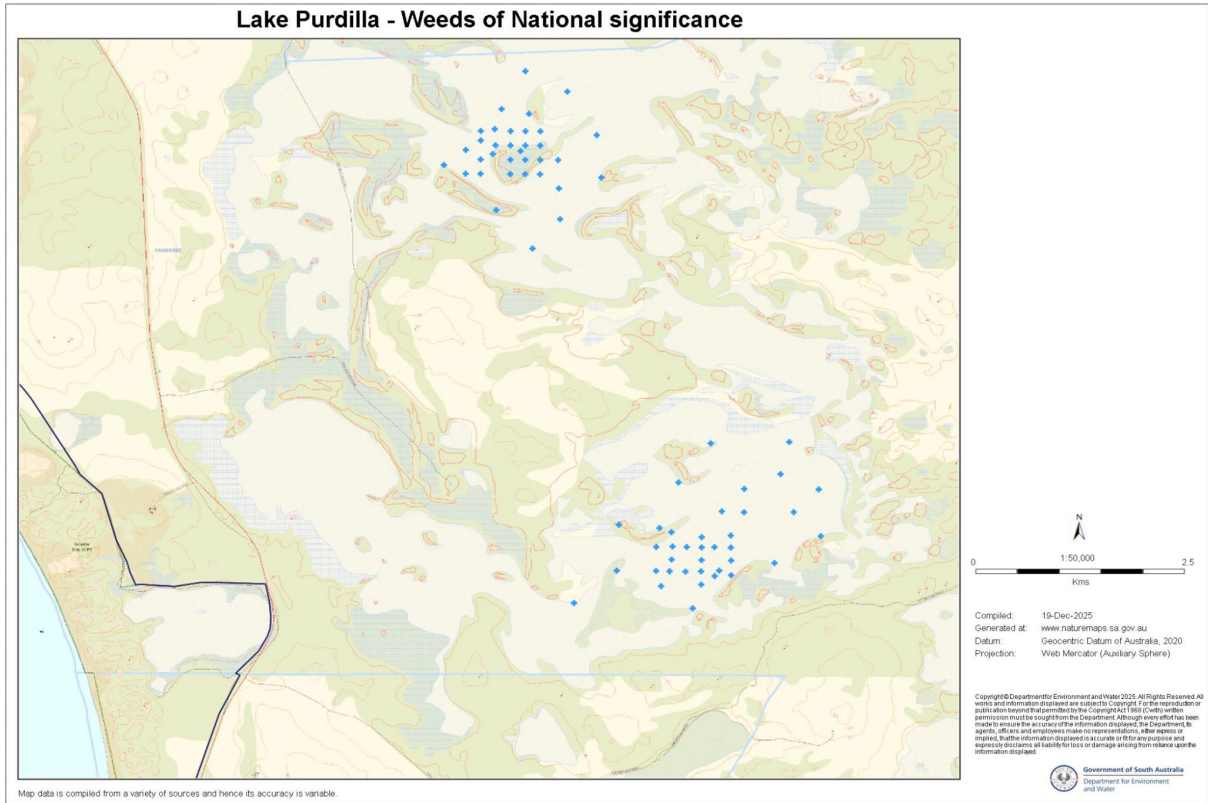
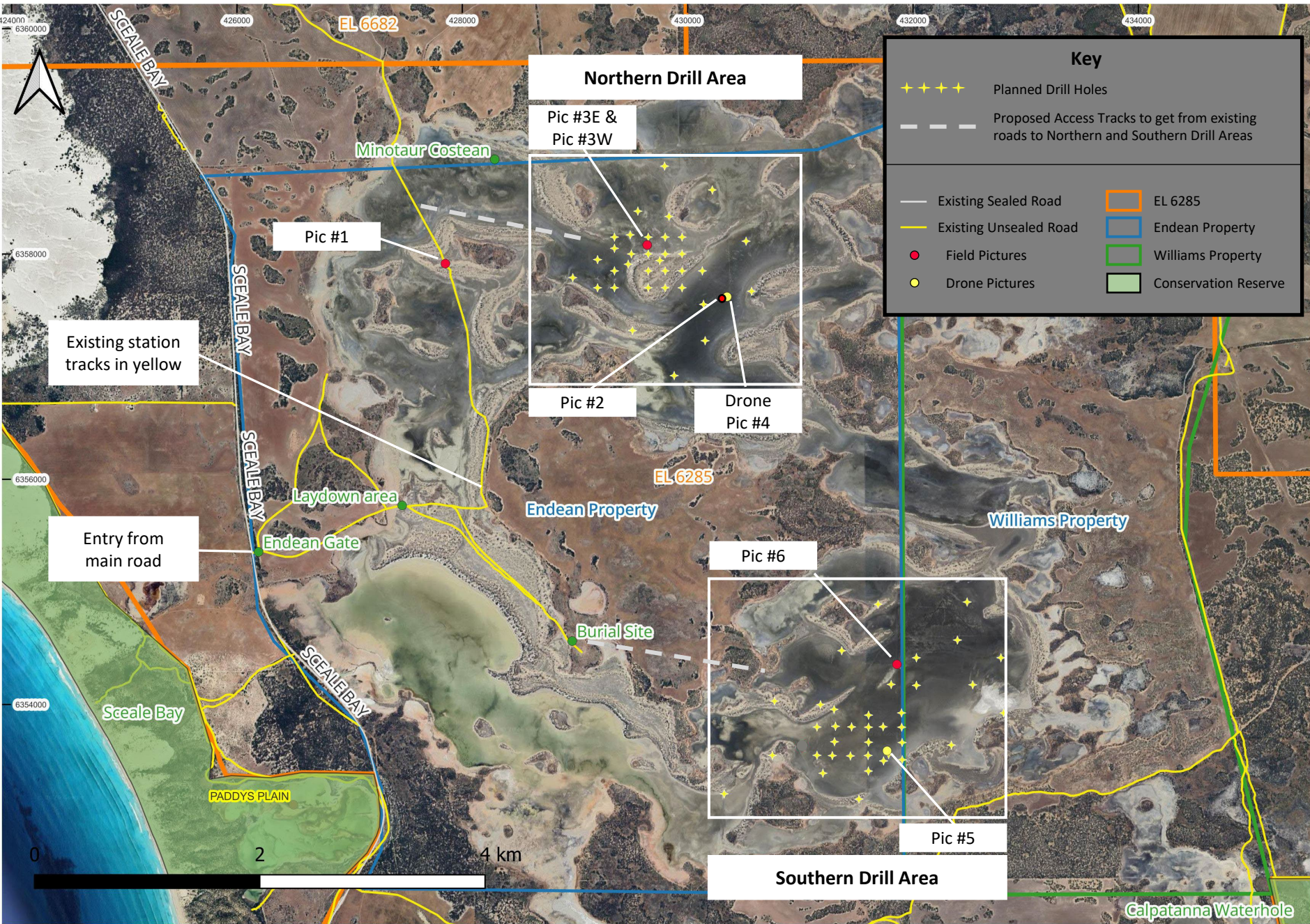


Figure 1 – Weeds of National significances (source: Nature Maps).



North West

☼ 305°NW (T) ● 53 S 427849 6357916 ±5m ▲ 0m



South West

☼ 214°SW (T) ● 53 S 430348 6357622 ±5m ▲ -1m



Pur002
16 Dec 2025, 13:03:47

East

☼ 84°E (T) ● 53 S 429641 6358081 ±6m ▲ -1m



West

☉ 266°W (T) ● 53 S 429641 6358081 ±5m ▲ -2m







South

☼ 193°S (T) ● 53 S 431857 6354357 ±2m ▲ 0m



South access
16 Dec 2025, 13:18:35



OXO Landdrill Rig

A small, compact, powerful drill rig with onboard air capable of Aircore RAB, auger, mud, hammer, drilling

Minimal environmental impact, go anywhere rig!

