



Doc ID: EP-03930

21/10/2025

Mr. Cameron Seery,  
Peel Far West Pty Ltd  
Unit 1, 34, Kings Park Road,  
West Perth, Western Australia, 6005

Via email: cseery@peelmining.com.au

Dear Mr. Seery,

**Notification of Approved Exploration Program for Environment Protection and Rehabilitation**

In reference to your final submission dated 13/10/2025, 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.

<b>Approval Granted to</b>	<b>Peel Far West Pty Ltd</b>
<b>Tenement Type &amp; Number</b>	Exploration License - EL6959
<b>Program Number</b>	EP - 03930
<b>EPEPR Description</b>	Exploration for Copper and Gold involving 50RC, 15DD, 65 drill pads, 130 sumps, 7.5m <sup>3</sup> excavations for a wastewater pit, 0.5ha laydown area and 2ha camp located 55km south of Olary. A water well investigation will also be undertaken with permits being obtained prior to drilling.

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.



<b>1</b>	<b>Rehabilitation Bond</b>  DEM has determined the rehabilitation liability estimate to be <b>\$150,000</b> based on the information you have provided. Accordingly, a bond of <b>\$150,000</b> is to be entered into with the Minister for Energy and Mining (Minister). This bond will be formally requested through separate correspondence. The bond must be entered into before authorised operations can commence.
<b>2</b>	<b>Public Liability Insurance</b> Pursuant to Regulation 81 of the <a href="#">Mining Regulations 2020</a> (the Mining Regulations), you are required to provide a copy of a certificate evidencing the insurance coverage over the tenement(s).
<b>3</b>	<b>Compliance Reporting</b> You are required to submit an annual exploration compliance report. The report is required to be submitted <b>within 2 months</b> 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 <a href="#">website</a> for more information on the reporting requirements.  You are reminded that a separate compliance report is required <b>2 months after</b> the expiry or surrender of the EL.
<b>4</b>	<b>Work, Health and Safety Compliance</b> In accordance with Chapter 10 of the <i>Work Health and Safety Regulations 2012</i> (SA), 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 <a href="#">SafeWork SA website</a> .
<b>5</b>	<b>Water Licence</b> Under the requirements of the <i>Landscape South Australia Act 2019</i> a water licence may be required prior to the construction of the water well. You are advised to consult with the Department for Environment and Water, Water Licensing Branch to seek further information regarding licensing requirements.
<b>6</b>	<b>EPEPR Timeframe</b>  1. 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:

<b>General enquiries</b>	Jonathan Gnanapragasam Senior Assessment Officer, Exploration Regulation <a href="mailto:DEM.exploration@sa.gov.au">DEM.exploration@sa.gov.au</a>
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Yours sincerely

A handwritten signature in black ink, appearing to read 'S. Constable'.

Simon Constable  
**GENERAL MANAGER, MINERAL EXPLORATION**  
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](http://energymining.sa.gov.au/minerals/knowledge_centre)

## Exploration PEPR - EPEPR | 12 Month PEPR

Reference Number: EP-03930

### Applicant and General Details

#### Applicant Details

Cameron Seery

Full Name \*

Cameron Seery

Business Phone

08 9382 3955

Mobile Phone

Email \*

[cseery@peelmining.com.au](mailto:cseery@peelmining.com.au) (mailto:cseery@peelmining.com.au)

#### Project Supervisor

Lorelei Carlucci, Red Hill Minerals, Exploration Manager  
loreleicarlucci@redhillminerals.com.au, (08) 9481 8627

### General Details

#### Tenement Details \*

Tenement Type	Tenement Name	Tenement Holder
Exploration Licence	EL 6959	Peel Far West Pty Ltd

#### Operating Company

Silverton Minerals Pty Ltd (Operator)

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

Anabama Prospect

#### Mineral Model

Prospect is considered to be shear-hosted (structurally controlled) Cu-Au mineralisation style.

#### Primary Commodities \*

Commodity Name ↑	Commodity Group	Grade
Copper	Exploration	
Gold	Exploration	

#### Secondary Commodities

Commodity Name ↑	Commodity Group	Grade
There are no records to display.		

#### Project Description

Proposed exploration program within EL6959 Anabama aims to test the prospective IP anomalism identified at and along strike of the historic Anabama workings , with historic exploration drilling returned numerous encouraging/ highly anomalous Cu (+Au) intercepts. Proposed exploration plan will entail the completion of up to 65 drilling pads for undertaking either RC and/ or Diamond exploration drilling, subject to preliminary drilling results. An initial 32 drilling pads have been given preliminary locations, subject to further planning, with the remaining to be undertaken within the exploration area following preliminary results. Exploration drilling pads will be undertaken within heritage clearance area's in consultation with Wilyakali Native Title Group, in accordance with the Wilyakali – Peel Far West Pty Ltd NTMA (2025).

#### Proposed Project Schedule

##### Start Date

01/10/2025

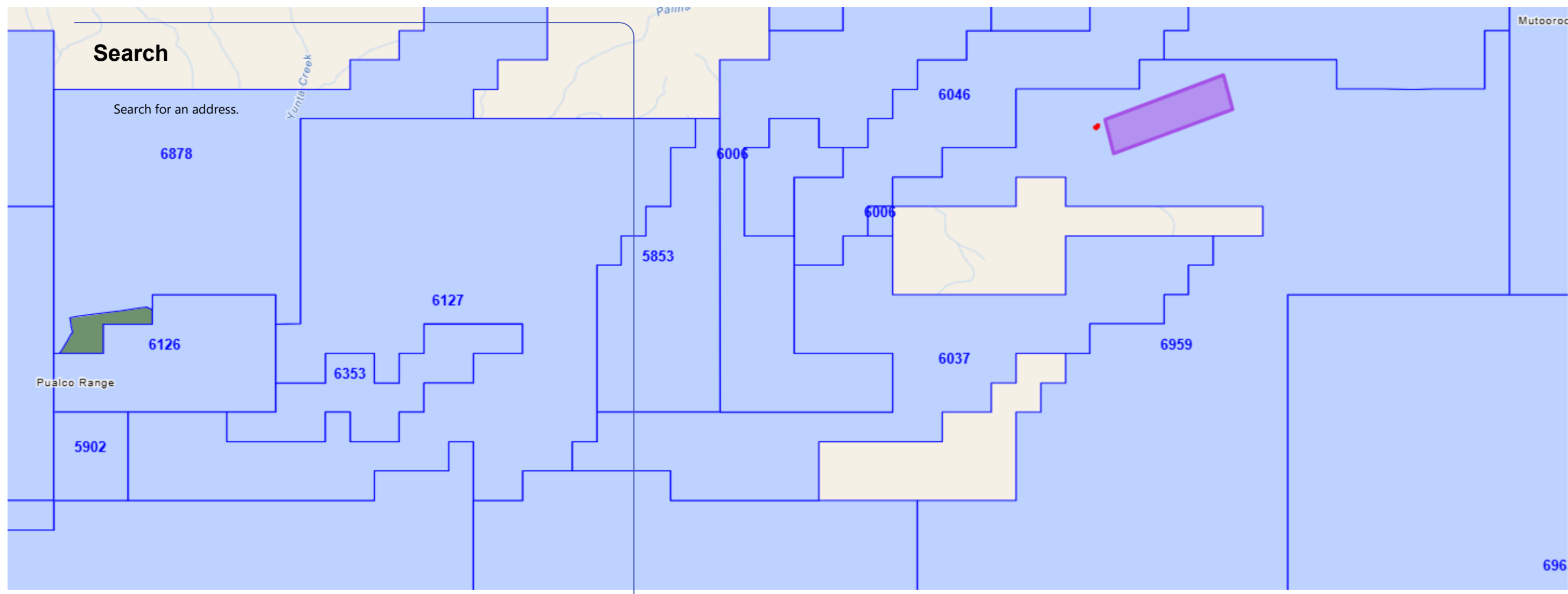
##### End date

01/10/2026

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



Maptaskr © 2025 5 km -32.886268, 140.524942

Powered By Esri - Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community



## Map Layer Intersects

### Application Area Details

#### Location Description

Quondong area approximately 55km south of Olary

#### Area (Sqkm)

17.93

### Spatial Data Intersects - Summary Table

Show  entries

Search:

Spatial Layer Name	Category	Referral	Intersect Count
1:250K mapsheets	Other		3
Cadastral Parcels	Other		3
Determinations of Native Title	Other		3
Exploration licences (mineral/opal)	No-Go Area		3
Pastoral Lease Boundaries	Other		3
Registered Native Title Determination Applications	Other		3
Schedule of Native Title Claims	Other		3

Showing 1 to 7 of 7 entries

## Spatial Data Intersects - Details Table

Show  entries

Search:

Spatial Layer Name	Shape	Primary Attribute	All Attributes	Category
1:250K mapsheets	Exploration area	OLARY	<a href="#">View attributes</a>	Other
1:250K mapsheets	Temporary exploration camp	OLARY	<a href="#">View attributes</a>	Other
1:250K mapsheets	Temporary exploration camp	OLARY	<a href="#">View attributes</a>	Other
Cadastral Parcels	Exploration area	H835400BL1153	<a href="#">View attributes</a>	Other
Cadastral Parcels	Temporary exploration camp	H835400BL1153	<a href="#">View attributes</a>	Other
Cadastral Parcels	Temporary exploration camp	H835400BL1153	<a href="#">View attributes</a>	Other
Determinations of Native Title	Exploration area	Wilyakali	<a href="#">View attributes</a>	Other
Determinations of Native Title	Temporary exploration camp	Wilyakali	<a href="#">View attributes</a>	Other
Determinations of Native Title	Temporary exploration camp	Wilyakali	<a href="#">View attributes</a>	Other
Exploration licences (mineral/opal)	Exploration area	EL 6959	<a href="#">View attributes</a>	No-Go Area

Showing 1 to 10 of 21 entries

[Previous](#)

[2](#)
[3](#)
[Next](#)

## Program Preparation

### Work undertaken in preparing the proposal

Proposed drilling program was devised from extensive desktop review activities of historic exploration undertaken at the Anabama Prospect, in addition to recently completed IP geophysics at the prospect which has successfully delineated a coherent 6km long IP anomaly that coincides with historic Cu (+Au) drilling intercepts.

A number of field reconnaissance visits have been undertaken of the area, as well as the undertaking of preliminary low-level exploration activities by Peel Mining and Red Hill Minerals. Field reconnaissance provided critical insight on landscape, topography and vegetative condition of the proposed exploration area, aiding in the preparation of this EPEPR.

Landholder (Mutooroo Pastoral) has been consulted with regarding the proposed exploration program, and will be contracted to undertake all earthworks associated with the proposed exploration activities. Landholder possesses all necessary equipment and experience to sufficiently undertake proposed activities.

Landholder and Native Title group (Wilyakali) have been issued Form 21B, in conjunction with a request to Native Title Group for the undertaking of an Exploration Clearance Survey for the proposed exploration program.

## Operator Capability

Red Hill Minerals (RHM), the parent company of Silverton Minerals, is a relatively new exploration company in South Australia, with the tenement in question being the company's first foray into the jurisdiction. While it is a new company to the region, it has extensive experience from its work in the Pilbara, Western Australia, where it holds an extensive tenement package and undertaken numerous drilling programs of prospects and entered into several positive joint ventures. The tenement of EL6959 is another such tenement subject to a joint venture arrangement with the current title holder, Peel Far West Pty Ltd, a subsidiary of Peel Mining Limited (Peel). Peel is similarly new to the jurisdiction of South Australia, the company holds an extensive tenement package in central NSW as well as in Broken Hill on the NSW-SA border, with numerous mineral deposit discoveries during its tenure in NSW. Both companies have a proven track record for successful and compliant exploration operations in numerous jurisdictions across Australia, and will continue to do so within South Australia.

Prior to the contracting of third-party contractors, RHM undertakes a risk management process of assessing the contractors risk matrix in comparison to the company's own risk matrix, identifying any additional potential hazards and ensuring contractor is suitably aware of potential risks associated with activity.

Red Hill Minerals has developed a number of operational and procedural documents to ensure compliance with relevant legal regulations, including:

Management Plans:

- Mine Safety Management System
- Health Management Plan
- Operational HSEC Risk Register
- Principal Mining Hazard Management Plan
- RHM Crisis Management Plan
- Curnamona Emergency Response Plan
- Contractor Management
- Fibrous Minerals Management Plan
- Exploration Environmental Management Plan

Procedures:

- Earthworks Procedure
- Drilling Procedure
- Vehicles and Driving
- Lightning Procedure
- Fitness For Work
- Alcohol and Other Drugs Procedure
- Fatigue Management Procedure
- Incident Reporting and Injury Management Procedure

Inductions:

- Curnamona Field Induction
- West Pilbara Field Induction

Forms

- RC and Diamond Pre-Program Inspection
- Contractor Onboarding Checklist
- Field Supervisors Earthmoving Checklist
- Exploration Drill Pad Preparation Sign Off
- Journey Management
- Medical in Confidence
- Light Vehicle Prestart
- Incident Report
- Daily Prestart
- Daily Contractor OHS Checklist
- Drill Rig Workplace Inspection Form
- Toolbox meeting templates

Work Instruction Documents:

- PXRF Operating Procedure
- Changing a Tyre on Light Vehicle
- Light Vehicle Recovery
- Collar Cutting and Plugging PVC Drillholes

## Lease Conditions

N/A

## 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
CL 1298/29	H835400BL1153	Crown	James Morgan	Service of Notice of Entry	28/08/2025	NT-01041	Checked
CL 1298/29	H835400BL1153	Native Title Land	Wilyakali NTAC	Service of Notice of Entry	28/08/2025	NT-01042	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?

Yes

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
Wilyakali	Native Title	55484	Yes

Provide any additional relevant information

Wilyakali NTAC engaged with to obtain an NTMA for claim area within tenement EL6959. Agreement reached on 22 July 2025, and was registered with the SA Mining Registrar on 30 August 2025.

## 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
There are no records to display.					

## Consultation

### Consultation

Stakeholder ↑	Land Use	Matters raised	Stakeholder concerns raised and how addressed
James Morgan (Managing Director)	Grazing	Timing of exploration activities in relation to station activities. Continuation of open communication on the undertaking of activities.	Consultation with landholder/ station manager on the planned undertaking of activities, as well as potentially adjusting timing of activities so as to not impact/ impede station activities.
Wilyakali NTAC		Disturbance/ damage to sites of cultural significance.	Adherence to NTMA, with undertaking of Exploration Clearance Survey of proposed exploration areas prior to undertaking of exploration activities. Adjustment of proposed tracks and drilling pads around identified sites of cultural significance.

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

No relevant landholders were unable to be consulted, with main stakeholders being Mutooroo Station and the Wilyakali NTAC being consulted with regarding proposed activities.

Provide any additional relevant information.

N/A

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.

N/A

## Description of Environment

### Proximity to Infrastructure and Housing

Provide the following information:

Nearest township is Manna Hill, approximately 50km to the NW of the proposed exploration area. Nearest residence is approximately 10km to the north, being Devenborough Downs. Given the significant distance between the proposed exploration area and this residence, it is considered unlikely that residence will be impacted. The tenement is transected by numerous station tracks, which will be utilized to access the proposed exploration area from Lilydale Station, approximately 37km to the SW that will be utilized for contractor and operator staff accommodation. Main access tracks and public roads extending from the Barrier Highway to the NW of the proposed exploration area are unsealed and generally graded, with minor access tracks being ungraded. Several dams located in the vicinity of the proposed exploration area, with the nearby 'Division Dam' located approximately 1.5km to the SE and 'Anabama Dam' located approximately 4.5km to the WNW. No utility or communication lines are located in the vicinity of the proposed exploration area.

Attach Files 

[Expand/Collapse](#)

File Name	File Size (Mb)	Created On	Download
EP-03930_Topographic_Map.jpeg	1.86 Mb	23-09-2025 12:33:04	<a href="#">Download (MERS/EP-03930/Proximity to infrastructure/EP-03930_Topographic_Map_2025-09-23T03-03-05.052Z.jpeg)</a>

### 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.

Proposed exploration area is located in flat plains to undulating ridgelines peaked with variable degrees of rocky outcrop. Photos attached to this application display the general landform condition of the area in the vicinity of the proposed exploration area, with the photo locations shown in 'EP-03930\_Native\_Vegetation\_Map'. The proposed exploration area is susceptible to wind/ watershed erosion following disturbance, due to the gentle undulating nature of the area and lack of stabilizing understory/ canopy vegetation, which is characteristic of the broader region. No other characteristics within proposed exploration area that require specific control strategies.

Attach Files 

[Expand/Collapse](#)

File Name	File Size (Mb)	Created On	Download
EP-03930_Native_Vegetation_Map.jpeg	5.1 Mb	23-09-2025 12:34:03	<a href="#">Download (MERS/EP-03930/Landform, topography/EP-03930_Native_Vegetation_Map_2025-09-23T03-04-04.283Z.jpeg)</a>

### Surface Water

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

Yes

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

Proposed exploration area encompasses low rises/ elevated ridgelines and subtle depressions/ plains, that naturally form into drainage channels. As such exploration activities in the form of drilling pad and track construction may create new or inhibit existing minor/ insignificant drainage channels. Additionally, pad areas located on gentle slopes may require additional pad preparations in the form of landscape recontouring to allow for drilling access, and as such may alter existing drainage channels or lead to the development of new drainage channels. Impact will be mitigated with the relocation of drilling pads around existing drainage channels, as well as pad recontouring/ ripping on cessation of exploration activities.

**Indicate how you will avoid disturbance**

—

**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**

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**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.**

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**Attach Files** 

[Expand/Collapse](#)

File Name	File Size (Mb)	Created On	Download
EP-03930_Surface_Watercourses_Map.jpeg	3.86 Mb	23-09-2025 12:34:45	<a href="#">Download (MERS/EP-03930/Surface water/EP-03930_Surface_Watercourses_Map_2025-09-23T03-04-45.614Z.jpeg)</a>

**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**

Proposed exploration program is within singular location, and as such will not likely not encounter significantly different groundwater conditions within exploration area. Proposed exploration area is within the non-prescribed groundwater area of the Olary geological zone. The area has not been drilled by the operator previously, and publicly available groundwater data is limited to groundwater well data from the 1950's to 1980's. Indications of saline groundwater have been made by previous explorers at the Anabama Prospect and in its vicinity, with interceptions of water at greater than 100m depth, although no definitive water data or conditions were noted.

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
Anabama	Quaternary sediments	3	N/A	N/A	Unconfined	0	0	Quaternary sediment cover varying from 0m up to 6m based on historic drillhole logging
Anabama	Benda Siltstone/ Pualco Tillites	100	Umberatana Group	Unknown	Unconfined	2000-7500	100	
Anabama	Boucaut Volcanics	100	Burra Group	Unknown	Unconfined	2000-7500	150	Limited intercepts of Boucaut Volcanic lithology in historic drilling, with interpreted intercepts at >150m depth.

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

According to existing groundwater data in the vicinity of the proposed exploration area and the 2012 groundwater resources assessment DFW Technical Report, groundwater quality is generally brackish (2000-7500 mg/L TDS), with values from wells drilled between the 1950's and 1980's.

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

Proposed exploration area is not located within or immediately adjacent to any Groundwater Dependent Ecosystems (GDE), with nearest being approximately 2.5km to the SE from the NE most drillhole location. Nearest GDE is classified as a Moderate potential GDE and associated with an unnamed drainage channel.

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

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Provide any additional information

\_\_\_\_\_

Attach Files 📎

[Expand/Collapse](#)

File Name	File Size (Mb)	Created On	Download
EP-03930_Groundwater_Hydrology_Map.jpeg	1.21 Mb	23-09-2025 12:35:05	<a href="#">Download (MERS/EP-03930/Ground water/EP-03930_Groundwater_Hydrology_Map_2025-09-23T03-05-05.706Z.jpeg)</a>

## Native Vegetation

Will you be working within areas of native vegetation?

Yes

**Provide the following information:**

Proposed exploration area is primarily comprised of chenopod shrubland with variable degrees of casuarina woodland stands or individuals, as shown in indicative site photos attached to this application. Shrubland is dominated by bluebush (Maireana sp.) in conjunction with variable Acacia shrub as a low open shrubland, with a significant degree of open/ bare ground of soil/ rocky fragments. Casuarina woodland is dominated by understory height vegetation (Casuarina pauper, +/- Alectryon oleifolius) intermixed with shrub height vegetation (Senna/ Maireana shrub). State vegetation mapping in relation to indicative site photo locations shown in 'EP-03930\_Native\_Vegetation\_Map'.

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

**Attach Files** 

[Expand/Collapse](#)

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

## Fauna

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

Proposed exploration area and surrounding vicinity is home to numerous of native and feral fauna, of varying population sizes, with species records obtained from Atlas of Living Australia occurrence records including the following:

Native mammals:

*Macropus fuliginosus* (Western Grey Kangaroo)

*Osphranter rufus* (Red Kangaroo)

*Osphranter robustus* (Eastern Wallaroo)

*Vespadelus baverstocki* (Inland Forest Bat)

*Nyctophilus geoffroyi* (Lesser Long-eared Bat)

Native birds:

*Fulica atra* (Australian Eurasian Coot)

*Gymnorhina tibicen* (Australian Magpie)

*Corvus coronoides* (Australian Raven)

*Chenonetta jubata* (Australian Wood Duck)

*Vanellus tricolor* (Banded Lapwing)

*Falco subniger* (Black Falcon)

*Coracina novaehollandiae* (Black-faced Cuckoo-shrike)

*Artamus cinereus* (Black-faced Woodswallow)

*Elseyornis melanops* (Black-fronted Dotterel)

*Tribonyx ventralis* (Black-tailed Native-hen)

*Northiella haematogaster* (Bluebonnet)

*Cincloramphus cruralis* (Brown Songlark)

*Melopsittacus undulatus* (Budgerigar)

*Anas castanea* (Chestnut Teal)

*Pomatostomus ruficeps* (Chestnut-crowned Babbler)

*Psophodes cristatus* (Chirruping Wedgebill)

*Nymphicus hollandicus* (Cockatiel)

*Oreoica gutturalis* (Crested Bellbird)

*Falco berigora* (Eastern Brown Falcon)

*Ocyphaps lophotes* (Eastern Crested Pigeon)

*Hirundo neoxena* (Eastern Welcome Swallow)

*Dromaius novaehollandiae* (Emu)

*Eolophus roseicapilla* (Galah)

*Colluricincla harmonica* (Grey Shrike-thrush)

*Anas gracilis* (Grey Teal)

*Poliocephalus poliocephalus* (Hoary-headed Grebe)

*Cracticus torquatus* (Inland Grey Butcherbird)

*Malurus assimilis* (Inland Purple-backed Fairy-wren)

*Microcarbo melanoleucos* (Little Pied Cormorant)

*Corvus mellori* (Little Raven)

*Grallina cyanoleuca* (Magpie-lark)

*Aquila audax* (Mainland Wedge-tailed Eagle)

*Malurus leucopterus* (Mainland White-winged Fairy-wren)

*Lophochroa leadbeateri* (Major Mitchell's Cockatoo)

*Artamus personatus* (Masked Woodswallow)

*Falco cenchroides* (Nankeen Kestrel)

*Certhionyx variegatus* (Pied Honeyeater)

*Malacorhynchus membranaceus* (Pink-eared Duck)

*Merops ornatus* (Rainbow Bee-eater)

*Todiramphus pyrrhopygius* (Red-backed Kingfisher)

*Pyrrholaemus brunneus* (Redthroat)

*Gavicalis virescens* (Singing Honeyeater)

*Aphelocephala leucopsis* (South-east Southern Whiteface)

*Struthidea cinerea* (Southern Apostlebird)

*Rhipidura leucophrys* (Southern Willie Wagtail)

*Acanthagenys rufogularis* (Spiny-cheeked Honeyeater)

*Petrochelidon nigricans* (Tree Martin)

*Hirundo neoxena* (Welcome Swallow)

*Pomatostomus superciliosus* (White-browed Babbler)

*Artamus superciliosus* (White-browed Woodswallow)

*Epthianura albifrons* (White-fronted Chat)

*Taeniopygia guttata* (Zebra Finch)

Native Reptiles:

*Heteronotia binoei* (Bynoe's Gecko)

*Pogona vitticeps* (Central Bearded Dragon)

*Tympanocryptis tetraporophora* (Eyrean Earless Dragon)

*Lucasium byrnii* (Gibber Gecko)

*Cryptoblepharus australis* (Inland Snake-eyed Skink)

*Diplodactylus furcosus* (Ranges Stone Gecko)

*Pseudonaja modesta* (Ringed Brown Snake)

*Ctenotus robustus* (Robust Ctenotus)

*Morethia adelaidensis* (Saltbush Morethia Skink)

*Ctenotus olympicus* (Saltbush Striped Skink)

*Tiliqua rugosa* (Shingle-back)

Gehyra lazelli (Southern Rock Dtella)  
 Ctenotus spaldingi (Spalding's Ctenotus)  
 Ctenotus uber (Spotted Ctenotus)  
 Gehyra variegata (Tree Dtella)

Native Amphibians:  
 Limnodynastes tasmaniensis (Spotted Marsh Frog)

Feral mammals:  
 Capra hircus (Goat)  
 Oryctolagus cuniculus (Rabbit)  
 Vulpes vulpes (Fox)  
 Ovis aries (Sheep)

Species occurrences within and in vicinity of proposed exploration area obtained from Atlas of Living Australia.

## Significant Habitats, Flora & Fauna

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

Yes

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
Aphelocephala leucopsis	Southern Whiteface	Vulnerable (VU)	Vulnerable
Lophochroa leadbeateri	Major Mitchell's Cockatoo	Vulnerable (VU)	Endangered
Brachyscome ciliaris	Variable Daisy	Vulnerable (VU)	Vulnerable
Falco subniger	Black Falcon	Vulnerable (VU)	Vulnerable

Attach Files 

[Expand/Collapse](#)

File Name	File Size (Mb)	Created On	Download
EP-03930_Species_Sightings_Map.jpeg	4.25 Mb	23-09-2025 12:35:24	<a href="#">Download (MERS/EP-03930/Fauna/EP-03930_Species_Sightings_Map_2025-09-23T03-05-24.969Z.jpeg)</a>

## 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).

No known instances of phytophthora or buffel grass within tenement or proposed exploration area. Nearest phytophthora occurrences are approximately 74km north, across the northern side of the Barrier Highway, and as such are not considered a risk. Buffel grass invasion occurrences however are located much closer, with roadside identification of the weed approximately 46km to the west of the proposed exploration area at Manunda Station.

Attach Files 

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## 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.

Proposed exploration area is subject to the recently executed Wilyakali – Peel Far West Pty Ltd NTMA (2025), in accordance with this agreement the area proposed for exploration activities will be subject to an Exploration Clearance Survey (ECS) prior to activities, with tracks and drilling pads being relocated/ adjusted around any identified sites of cultural significance. At time of submission of this EPEPR, survey of area has been completed, with final report/ recommendations from consultant survey experts pending and will be factored into completion of proposed exploration activities.

## 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 

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## 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	2	+/- Contractor (TBD)
Land access/environmental	2	+/- Contractor (TBD)
Field assistants/technicians	2	+/- Contractor (TBD)
Drilling Crew	12	Contractor (TBD)

Shifts worked per day

2

Hours worked per day

24

Days worked per week

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
4x4 light vehicle	Silverton Minerals	1-4 light vehicles operated by Silverton Minerals (subsidiary of Red Hill Minerals)	Travel to and from site for drillhole logging, sampling and management.
4x4 light vehicle	Contractor (TBD)	1-4 light vehicles operated by drilling contractor to undertake drilling activities.	Travel to and from site/ accommodation by drilling contractor.
Drilling rig	Contractor (TBD)	1-2 RC/ Diamond drilling rigs.	Undertake subsurface exploration drilling activities.
Support/ booster truck	Contractor (TBD)	1 vehicle mounted CA booster truck.	Provide compressed air to RC drilling rig if in operation.
Rod truck	Contractor (TBD)	1 truck with drilling rod storage on flatbed.	Storage and use of drilling rods for Diamond drilling rig if in operation.
Tool workshop/ caravan	Contractor (TBD)	1-2 towed caravan/ trailer.	Rest area/ workshop/ office for drilling contractor staff for Diamond drilling rig if in operation.
Water/ fuel cart	Contractor (TBD)	1-2 trucks with mounted water/ fuel storage container.	Transport and storage of water and/ or fuel for exploration activities/ vehicles.
Support truck	Contractor (TBD)	1-2 support trucks.	Equipment/ parts storage, provide assistance in vehicle movement.
Fuel Truck	Contractor (TBD)	1-2 trucks with mounted/ towed fuel container (30000L)	Camp/ vehicle refueling.
Dozer/ grader/ loader/ excavator	Contractor (TBD)	1-2 heavy earthwork machines.	Access track and pad preparation, sump excavation, access track maintenance, rehabilitation activities.

### 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 6959	Reverse Circulation	50	450.00	50	2	27.00	900.00	0	0.00
EL 6959	Diamond Drilling	15	1,000.00	15	2	27.00	900.00	0	0.00

Other Drilling Method(s)

## 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.

Exploration drilling will entail the construction of 30m-by-30m drilling pad areas, with these areas lightly scraped/ pushed by heavy machinery to allow for the operating and undertaking of drilling activities. Pushed/ scraped vegetation, limited to groundcover-low shrub vegetation, will be pushed to the periphery of the pad area, which will be subsequently utilized in rehabilitation activities.

Proposed drillhole locations may require pad recontouring to allow for the safe operation of a drilling rig, this will entail heavy machinery recontouring pad area into flat landform through pushing and/ or flattening pad area for rig operation. Pushed soil will be redistributed across pad area on cessation of exploration, with entire pad area being recontoured to as near as practicable to pre-disturbance condition as possible.

Sump excavation will entail the completion of up to 2 sumps per drilling pad, likely only for proposed Diamond drillholes, with a 3m wide by 6m long by 1.5m deep sloped egress sump excavated using heavy machinery. Excavated topsoil and subsoil will be stockpiled separately, and will be sequentially placed back on cessation of exploration activities. RC drillhole will likely only require single sump for any produced water storage, but is considered unlikely to be significant. Diamond drilling will require the construction of up to 2 sumps, for produced water capture and reuse as well as water requirements for the undertaking of diamond drilling.

## Drillhole construction and decommissioning

### Drillhole construction and decommissioning

RC and/ or Diamond drilling is proposed to be undertaken within the proposed exploration area.

RC drillhole will be completed with ~160mm collar, initial 1-5m will be cased with ~150mm PVC, with collar casing to be cut below surface following cessation of activities. Drillhole will be completed with a RC hammer bit within this collar, with pulverized rock sample returned to surface for cyclone sample splitting and subsequent sampling.

Diamond drilling will be completed with initial PQ (~122.6mm)/ HWT (~115mm) drilling for a minor part of top-of-hole (subject to drilling conditions) in order to stabilise drillhole, before being switched to HQ (63.5mm) and/ or NQ (46.5mm) for the remainder of the drillhole. Water and drilling muds will be utilised to lubricate drillhole collar and reduce friction/ provide better sample return.

Drillholes will be temporarily capped to prevent fauna entrapment on completion of drilling, with capping to remain temporarily while drillhole sample analysis is undertaken, including the potential of undertaking DHEM surveying on completed activities. Once drillhole activities are completed, PVC collar will be capped below surface with plastic plug, with pad ripping and recontouring covering drillhole location.

Significant groundwater aquifers are not expected to be intersected, with exploration activities to be undertaken in accordance with Earth Resources Sheet M21.

**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.**

RC and/ or Diamond drilling is proposed to be undertaken within the proposed exploration area.

RC drillhole will be completed with ~160mm collar, initial 1-5m will be cased with ~150mm PVC, with collar casing to be cut below surface following cessation of activities. Drillhole will be completed with a RC hammer bit within this collar, with drill cuttings returned to surface for cyclone sample splitting and subsequent sampling.

Diamond drilling will be completed with initial PQ (~122.6mm)/ HWT (~115mm) drilling for a minor part of top-of-hole (subject to drilling conditions) in order to stabilise drillhole, before being switched to HQ (63.5mm) and/ or NQ (46.5mm) for the remainder of the drillhole. Water and drilling muds will be utilised to lubricate drillhole collar and reduce friction/ provide better sample return. Core lengths will be retrieved from drilling rods and placed into adjacent marked core trays.

Drillholes may be wholly or partially cased with 6m lengths of 40-50mm PVC casing in order to successfully undertake downhole geophysics, with lengths glued together and run downhole, and will be left in place on cessation of activities.

Significant groundwater aquifers are not expected to be intersected, however exploration activities will be undertaken in accordance with Earth Resources Sheet M21 if groundwater resources are intersected.

Average expected drillhole depth is 300m for both RC and DD drilling, with the maximums provided in the above Drilling Operations

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.

Drillholes will be temporarily capped to prevent fauna entrapment on completion of drilling, with capping to remain temporarily while drillhole sample analysis is undertaken, including the potential of undertaking DHEM surveying on completed activities. Once drillhole activities are completed, PVC collar will be capped below surface with plastic plug, with pad ripping and recontouring covering drillhole location.

Drillholes may be wholly or partially cased in order to successfully undertake downhole geophysics, with PVC casing to be cut below surface and the remaining downhole casing to be left in place.

Drillholes will be sealed/ completed in accordance with Earth Resources Sheet M21.

Attach Files 

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

### 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).

RC drilling will result in production of pulverized rock fragments/ sediment fed out of a rig mounted cyclone splitter. Sample will be captured and placed on bare ground in sample laydown area, in sequential order as a representative sample for every metre drilled. Sample pile will be subsequently sampled, where it will be logged and subject to preliminary assessment, with a small sample taken for offsite geochemical analysis. Following sample assessment and drillhole completion, sample spoil will be pushed/ disposed of into sump with excavated subsoil, followed by pad ripping and application of topsoil to ensure no remnant spoil remains on pad area. Sample bags will only be used for sampling sent offsite for analysis, with only remnant sample material being disposed of in excavated sumps.

Diamond drilling will result in solid 'sticks' of subsurface drillhole core, placed in core trays adjacent to drilling rig for every metre drilled. Core will be subject to preliminary assessment at drilling rig, before being transported to Broken Hill for logging, assessment and sampling for offsite geochemical analysis. Remnant core will be retained by Operator at storage location in Broken Hill.

### Access routes to work areas

Will existing tracks require upgrading and/or maintenance?

Yes

Detail the work required to upgrade/maintain existing tracks.

Existing tracks will be utilized in accessing the proposed exploration area, as such tracks may require upgrading and/ or maintaining in order to use or continue using throughout the duration of activities. Track upgrading or maintenance may involve the use of heavy machinery to grade/ compact tracks, as well as if required the application of gravel/ road base in order to repair/ infill worn tracks. Track maintenance activities will be undertaken at the discretion of the landholder.

**Will access be required across adjoining tenements?**

Yes

**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.**

Access to exploration area will be through Sturt Vale Road, a publicly accessible road, and a series of station tracks to the proposed exploration area. Relevant landholder where activities are to take place has been informed of exploration program. Landholders of other pastoral properties where properties will be traversed will be contacted prior to the commencement of exploration activities and informed of activities in adjacent property.

No additional tracks proposed outside the exploration area within EL6959.

**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.**

Access tracks will be constructed by the use of heavy machinery to scrape/ clear a 4.5m wide track of groundcover/ shrub vegetation in order to access the proposed drillhole locations, with the avoidance of existing sparse tall shrub/ small trees where possible and utilization of areas of existing bare ground in lieu of additional clearing.

Total proposed access tracks to be constructed is 13km of additional tracks, at approximately 4.5m width, culminating in a total disturbance area of 5.85ha.

**Attach Files**

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File Name	File Size (Mb)	Created On	Download
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**Campsites and equipment laydown areas**

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

Contractors will utilize proposed campsite area at proposed location to the west of the exploration area, within the Mutooroo Pastoral Property. Proposed area is to be utilized for caravan laydown area, with accommodation, kitchen, office and ablution facilities being transported to site. Operator staff may utilize facilities at the Lilydale Station homestead, approximately 35km SW of the exploration area and 30km of the proposed campsite, or other local accommodation options/ proposed campsite, if required.

**What is the maximum number of personnel requiring accommodation?**

18

**Is a campsite required to be established?**

Yes

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

Proposed camp location is approximately 800m WNW of the western edge of the exploration area, within the Mutooroo Pastoral Property. Area is relatively flat and sparsely vegetated, as well as being suitably located in close proximity to the proposed exploration area, with existing relatively good quality access tracks transecting the campsite/ laydown area. Closer location to proposed exploration area will reduce commute times, as well as station track degradation from consistent usage, which was highlighted by landholder as issue of concern. Campsite area is proposed to be approximately 1.1ha in size, with the entirety of this area to likely not be utilized, with the exploration camp area consisting of caravan park-up area, used for accommodation, kitchen, office and ablution facilities. Minor clearing/ scraping over area may be required within campsite to allow for caravan park up. Adjacent area will be used for heavy vehicle storage, additional vehicle park up areas and equipment storage, with this area being approximately 0.8ha in size. Area may also require minor clearing/ scraping over area to allow for vehicle movements without the hazard of tyre punctures.

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

2.00

**Will native vegetation clearance be required?**

Yes

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

2.00

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

Proposed campsite and laydown area may require light scraping/ pushing by heavy machinery to allow for suitable/ safe parking of heavy vehicles and/ or storage of equipment, as well as the park-up of caravans. Pushed/ scraped vegetation, limited to groundcover-low shrub vegetation, will be pushed to the periphery of the campsite/ laydown area, which will be subsequently utilized in rehabilitation activities of both areas. Total campsite and laydown area provided for vegetation clearance area, however this is unlikely to be undertaken in its entirety, with likely only minor clearing of groundcover vegetation likely to be required to allow for vehicle movements and park-up.

Will any excavations be required?

Yes

Describe the purpose of the excavation

Ablution facility waste will be managed in accordance with relevant legislation. This will include a single excavation as part of the exploration campsite for approved abluion waste. Pit will be approximately 5m long by 1m wide by 1.5m deep.

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

7.50

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

Yes

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

—

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

Proposed infrastructure	Quantity	Description / capacity
Caravan	7	Towed accommodation, kitchenette, ablutions, and office for drilling contractors.
Fuel tank	2	Fuel tank for campsite use and carting to exploration area for drilling rig (5000-30000L capacity).
Water tank	2	Water tank for abluion facility (5000-30000L capacity).

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.

Up to three heavy vehicle laydown areas proposed as a part of the exploration program, with one being proposed with the aforementioned exploration camp area, and the remaining two potentially constructed in within the proposed exploration area. Laydown area (area to south of track) adjacent to campsite will allow for centralized storage and/ or park-up of heavy/ light vehicles and equipment for use in running of the camp and/ or exploration program, with additional laydown areas proposed in exploration area to be for individual drilling contracting companies own vehicle laydown and equipment storage areas, with the potential for two separate rigs operating in conjunction within the area. Laydown areas will be approximately 50m by 50m areas, but are anticipated to not require vegetation clearing due to the limited vegetation present, however a vegetation clearance amount has been provided in case light pad scraping/ pushing is deemed necessary and undertaken. Proposed laydown areas will utilize existing bare ground (or mostly bare ground) where possible, as well as flat, featureless areas within the proposed exploration area in order to minimize surface disturbance and vegetation clearing.

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

0.50

Will native vegetation clearance be required?

Yes

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

0.50

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

Proposed laydown area may require light scraping/ pushing by heavy machinery to allow for suitable/ safe parking of heavy vehicles and/ or storage of equipment. Pushed/ scraped vegetation, limited to groundcover-low shrub vegetation, will be pushed to the periphery of the laydown area, which will be subsequently utilized in rehabilitation activities of both areas. Total laydown area provided for vegetation clearance area, however this is unlikely to be undertaken in its entirety, with likely only minor clearing of groundcover vegetation likely to be required to allow for vehicle movements and park-up.

Will any excavations be required?

No

Describe the purpose of the excavation.

—

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

—

Proposed infrastructure (includes hydrocarbon and water storage requirements)

Proposed infrastructure	Quantity	Description / capacity
Fuel tank	1	Fuel tank for drilling rig resupply (5000-10000L capacity).

Attach Files 

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### 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.

—

### 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.

Water will be sourced from water carting off property. Water may also be sourced from groundwater bore completed as a part of exploration program, with its completion in accordance with relevant guidelines and regulations.

Any water intercepted in the undertaking of drilling activities will be captured in excavated sumps, where it will be reused in drilling activities. Sump water may be pumped between constructed sumps of different drillholes, to be reused in future drilling activities. Sumps will either be left open to allow evaporation treatment, or had the produced water removed by sucker truck.

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

Yes

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).

Yes

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.

In accordance with MG22, any groundwater intersected in mineral drillholes may be used as a temporary water supply well during exploration activities.

A water supply well may be undertaken in order to source water for drilling activities locally, tenement holder will obtain or ensure landholder has a suitable well construction permit and an appropriately licenced driller undertakes the proposed work.

### 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)?

Yes

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

A water supply well may be undertaken in order to source water for drilling activities locally, which constitutes a water affecting activity.

Well area will be prepared in accordance with terms of permit, and may require light scraping/ pushing of groundcover-shrub vegetation by heavy machinery.

Water well/ bore will be maintained in accordance with the relevant legislation.

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

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File Name	File Size (Mb)	Created On	Download
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### Management of hazardous materials

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

No

#### Attach Files

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File Name	File Size (Mb)	Created On	Download
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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.

## 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.

PVC collar will be cut below surface on cessation of activity and followed by backfilling of drillholes with remnant sample material as reasonably practical, with disposal of any sample material that does not return downhole in open sump. Sump decommissioning will entail disposal of remnant produced groundwater, before sequential backfilling of subsoil and topsoil. Pad area will then be subject to pad ripping and landform recontouring to as close as practicable to pre-disturbance condition. Stockpiled vegetation/ woody debris will be distributed over pad area following this to promote vegetation regrowth, with the application of pasture/ native seed if required.

Waste disposal by suitably qualified contractors in accordance with relevant waste management practices. Nearest waste management facility is Broken Hill, approximately 297km by road.

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

Calculated rehabilitation security bond of \$150,000.

## 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.

—

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.

—

## System

Tenement Name ↑	Tenement Holder	Tenement Operators	Grant Date	Expiry Date	Tenement Type	Location Description	Tenement Area	Tenement Status	Shape Identifier
EL 6959	Peel Far West Pty Ltd	Silverton Minerals Pty Ltd	18/12/2023	17/12/2029	Exploration Licence	Quondong area approximately 130km northeast of Waikerie	824.00	Active	10015688-0000

## Management of Environmental Impacts

## Applicable environmental aspects and potential impacts

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Aboriginal heritage	Aboriginal heritage sites	Disturbance to Aboriginal heritage	Undertaking of heritage surveying prior to commencement of activities. GIS data readily available of heritage surveyed areas and identified sites of cultural significance. Supervision of earthworks including monitors where stipulated. Exploration activities undertaken in accordance with Wilyakali NTMA	Mod erate	No disturbance to Aboriginal artefacts or sites of significance unless prior approval under the relevant legislation is obtained.	Maintain a database and provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report demonstrating that: • 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.
Fire	Community/andowners	Damage to infrastructure and loss of income through fire.	Field Induction to environmental conditions and exploration area. Appropriate vehicle and equipment maintenance. Appropriate storage and usage of hydrocarbons throughout activities. Contractor hot work procedures. Restricted work access during extreme conditions.		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.
Third party access	Soil/vegetation/fauna	Degradation of rehabilitated access tracks caused by third party access (includes previously closed and rehabilitated access tracks).	Open communication with relevant contractors and landholder on status of access tracks. Blocking/ inhibiting of access to areas/ tracks under rehabilitation progression or recently rehabilitated. Appropriate signage of rehabilitation area. Area is not frequented by public, and as such unlikely to be impacted by third-party access.		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.
Other	N/A	N/A	N/A	Low	N/A	N/A
Stakeholders	Stakeholders	Stakeholders: - freehold land owners - perpetual lease holders - pastoral lease holders - Aboriginal land (Anangu Pitjantjatjara Yankunytjatjara and Maralinga Tjarutja lands) - Department of Defence - state government departments. - local government (councils) - federal government - native title parties.	Ongoing communications with parties regarding proposed and underway exploration. Management and maintaining of stakeholder communications register. Provision of work program (or equivalent), which provides overview and key information to stakeholder on proposed activities.	Mod erate	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 agreements 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.
Groundwater	Soil/vegetation/fauna	Discharge of groundwater into the surrounding environment.	Capture of produced groundwater in constructed drillhole sumps. Water reuse in drilling activities and/ or pumping between drillhole pad sumps. No hydrocarbons will be discharged downhole. Proper storage and disposal of all chemical materials used in drilling operations, with onsite storage being secure pallet banded or self-banded storage tanks. Regular inspection and maintenance of equipment to ensure no leaks or inadvertent spills occur while proposed drilling operations are conducted. Use and ready availability of plastic liners and/ or chemical absorbent material in areas of potential chemical spills. Adequate training of procedures and requirements to all staff and contractors on chemical handling; safe use; storage and disposal.	Mod erate	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
Surface Water	Surface Water	Alteration to surface water – interference to surface drainage.	Relocation of drilling pads and/ or access tracks around or away from established drainage channels where practicable. Pad recontouring following cessation of activities, in order to break up pad area compaction/ redevelop natural pad area landscape.	High	No permanent modification to hydrological features caused by exploration activities without obtaining a water affecting permit from the relevant Landscape Board (under Landscapes Act SA 2019).	Provide before, during and after photographic evidence within the annual exploration compliance report demonstrating that original drainage contours (watercourses and lakes) are consistent with the natural relief post rehabilitation 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). Alternatively, provide copies of water affecting permits within the annual exploration compliance report.
Contamination	Soil/vegetation/fauna	Soil/vegetation contamination (e.g. hydrocarbons, rubbish, drill samples/cuttings, ablutions, other sources)	Removal of all rubbish, material and other waste from exploration area following completion of activities for offsite disposal in accordance with local waste regulations, with site inspection undertaken to ensure compliance. Nearest waste management facility to exploration area is Broken Hill, approximately 297km away by road. Disposal of drill cuttings either downhole or with sump subsoil material, before backfilling of topsoil and pad reshaping/ recontouring. Proper storage and disposal of all chemical materials used in drilling operations, with on-site storage being secure pallet banded or self-banded storage tanks. Regular inspection and maintenance of equipment to ensure no leaks or inadvertent spills occur while proposed drilling operations are conducted. Use and ready availability of plastic liners and/ or chemical absorbent material in areas of potential chemical spills. Adequate training of procedures and requirements to all staff and contractors on chemical handling; safe use; storage and disposal.		No contamination of soil and vegetation as a result of exploration activities.	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: <ul style="list-style-type: none"> <li>• The name, location and contact details of the authorised waste disposal facility.</li> <li>• 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.</li> <li>• 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: <ul style="list-style-type: none"> <li>• removed from site and disposed of at a licensed facility</li> <li>• 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</li> <li>• 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 the 'Rehabilitation' section of the annual exploration compliance report.</li> </ul> </li> </ul>
Groundwater users	Groundwater users	Interference to existing water users when extracting water from existing dams, water bores or mineral drillholes.	Open communication with relevant landholders on water usage.	Moderate	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.
General Public	General Public	Injury or death to members of the public as a result of exploration activities.	Appropriate signage displayed on access track approaches to exploration area. Open communication with stakeholder on exploration activity progression.	High	No accidents involving the public that could have been reasonably prevented by the licensee.	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.

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).	Minimising vegetation clearing and surface disturbance where possible, with pad relocation where possible around the sparse established canopy layer vegetation in order to preserve soil stability. Use of existing tracks wherever possible to access proposed area of exploration. Rehabilitation approach to preserve soil structure and condition through pad ripping, reuse of woody debris/ bushrock/ detritus over disturbance area to promote vegetative regrowth, and application (if required) of pastoral/ native plant seed. Track watering and slow vehicle speeds, if required, in order to minimize dust generation.		Where soil disturbance occurs as a result of exploration activities, ensure that: <ul style="list-style-type: none"> <li>topsoil quality and quantity is maintained</li> <li>the soil profile and topography is reinstated to original conditions</li> <li>there is no accelerated soil erosion.</li> </ul>	Maintain before, during and after photographic evidence of all excavations, drillsites, camps, laydown areas and new tracks demonstrating that: <ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>There are no signs of accelerated soil erosion during and post rehabilitation of disturbed sites. 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.</li> </ul>
Fauna	All fauna	Entrapment of fauna through open drillholes and excavations.	Temporary/ permanent capping of drillholes on or following (within reasonable timeframe) of completion of exploration drilling. Sloped egress point for constructed sumps. Avoidance of tall trees/ hollow bearing trees/ potential hollow bearing trees by activities/ clearing, in order to mitigate potential impact on identified potential presence of threatened species.		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"> <li>All drillholes were permanently or temporarily capped/plugged immediately upon completion.</li> <li>No fauna and livestock became trapped in drillholes and/or excavations throughout the duration of the program.</li> <li>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.</li> </ul>
Groundwater	Groundwater/aquifer	Groundwater contamination: <ul style="list-style-type: none"> <li>contamination of aquifers through entry of pollutants from the surface</li> <li>interconnection between aquifers</li> <li>degradation of natural hydrostatic conditions (maintain pre-drilling pressures).</li> </ul>	Removal of all rubbish, material and other waste from exploration area following completion of activities for disposal in accordance with local waste regulations, with site inspection undertaken to ensure compliance. Disposal of drill cuttings either downhole or with sump subsoil material, before backfilling of topsoil and pad reshaping/recontouring. Proper storage and disposal of all chemical materials used in drilling operations, with onsite storage being secure pallet bunded or self-bunded storage tanks. Regular inspection and maintenance of equipment to ensure no leaks or inadvertent spills occur while proposed drilling operations are conducted. Use and ready availability of plastic liners and/ or chemical absorbent material in areas of potential chemical spills. Adequate training of procedures and requirements to all staff and contractors on chemical handling; safe use; storage and disposal.		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.
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.	Vehicle inspection and washdown prior to entry into exploration area. Rehabilitation approach to promote regrowth in exploration area following cessation of activities through pad ripping, reuse of woody debris/ bushrock/ detritus over disturbance area, and application (if required) of pastoral/ native plant seed. Monitoring of disturbance area following cessation of activities and completion of rehabilitation for invasive species colonization, with the implementation of pest management strategies to mitigate dispersal.	High	No introduction of new species of weeds and plant pathogens, nor increase in abundance of existing weeds species.	Provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report, confirming that: <ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Native Vegetation	Flora and fauna and their habitats; includes Commonwealth and state scheduled species.	Loss/modification of native vegetation and associated habitats through the clearance of vegetation.	Rehabilitation approach to promote regrowth in exploration area following cessation of activities through pad ripping, reuse of woody debris/ bushrock/ detritus over disturbance area, and application (if required) of pastoral/ native plant seed. Use of existing bare ground in track construction where possible. Use of existing bare ground where possible in track construction, as well as the avoidance of unnecessary vegetation clearing and maintaining of existing shrub/ understory tree vegetation. Avoidance of tall trees/ hollow bearing trees/ potential hollow bearing trees by activities/ clearing, in order to mitigate potential impact on identified potential presence of threatened species.		No permanent loss/modification of native flora and fauna populations and their habitats through: • 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: • 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.

## Supporting Information

### Photos

File Name	File Size (Mb)	Created On	Download
Anabama Access East.JPG	3.21 Mb	29-08-2025 12:34:33	<a href="#">Download (MERS/EP-03930/Supporting information/Photos/Anabama Access East_2025-08-29T03-03-48.590Z.JPG)</a>
Anabama Central - 1.JPG	2.82 Mb	29-08-2025 12:34:33	<a href="#">Download (MERS/EP-03930/Supporting information/Photos/Anabama Central - 1_2025-08-29T03-03-48.362Z.JPG)</a>
Anabama Central - 2.JPG	3.03 Mb	29-08-2025 12:34:34	<a href="#">Download (MERS/EP-03930/Supporting information/Photos/Anabama Central - 2_2025-08-29T03-03-48.747Z.JPG)</a>
Anabama Central - 3.JPG	2.76 Mb	29-08-2025 12:34:34	<a href="#">Download (MERS/EP-03930/Supporting information/Photos/Anabama Central - 3_2025-08-29T03-03-49.116Z.JPG)</a>
Anabama Central - 4.JPG	2.97 Mb	29-08-2025 12:34:32	<a href="#">Download (MERS/EP-03930/Supporting information/Photos/Anabama Central - 4_2025-08-29T03-03-47.823Z.JPG)</a>
Anabama Eastern IP lines - 1.JPG	3.38 Mb	29-08-2025 12:34:32	<a href="#">Download (MERS/EP-03930/Supporting information/Photos/Anabama Eastern IP lines - 1_2025-08-29T03-03-47.824Z.JPG)</a>
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Site identification	Date taken	Photo number & PEPR section reference	Easting (GDA94)	Northing (DGA94)	Zone	Details and comments	Document ID
Anabama Access East	24/07/2025	Photo 1 - Description of Environment	425211.052	6371042.158	54		
Anabama Old Workings - 1	23/07/2025	Photo 2 - Description of Environment	432683.132	6371491.554	54		
Anabama Old Workings - 2	23/07/2025	Photo 3 - Description of Environment	432686.452	6371485.368	54		
Anabama Old Workings - 3	23/07/2025	Photo 4 - Description of Environment	432685.873	6371487.914	54		

### Supporting Maps

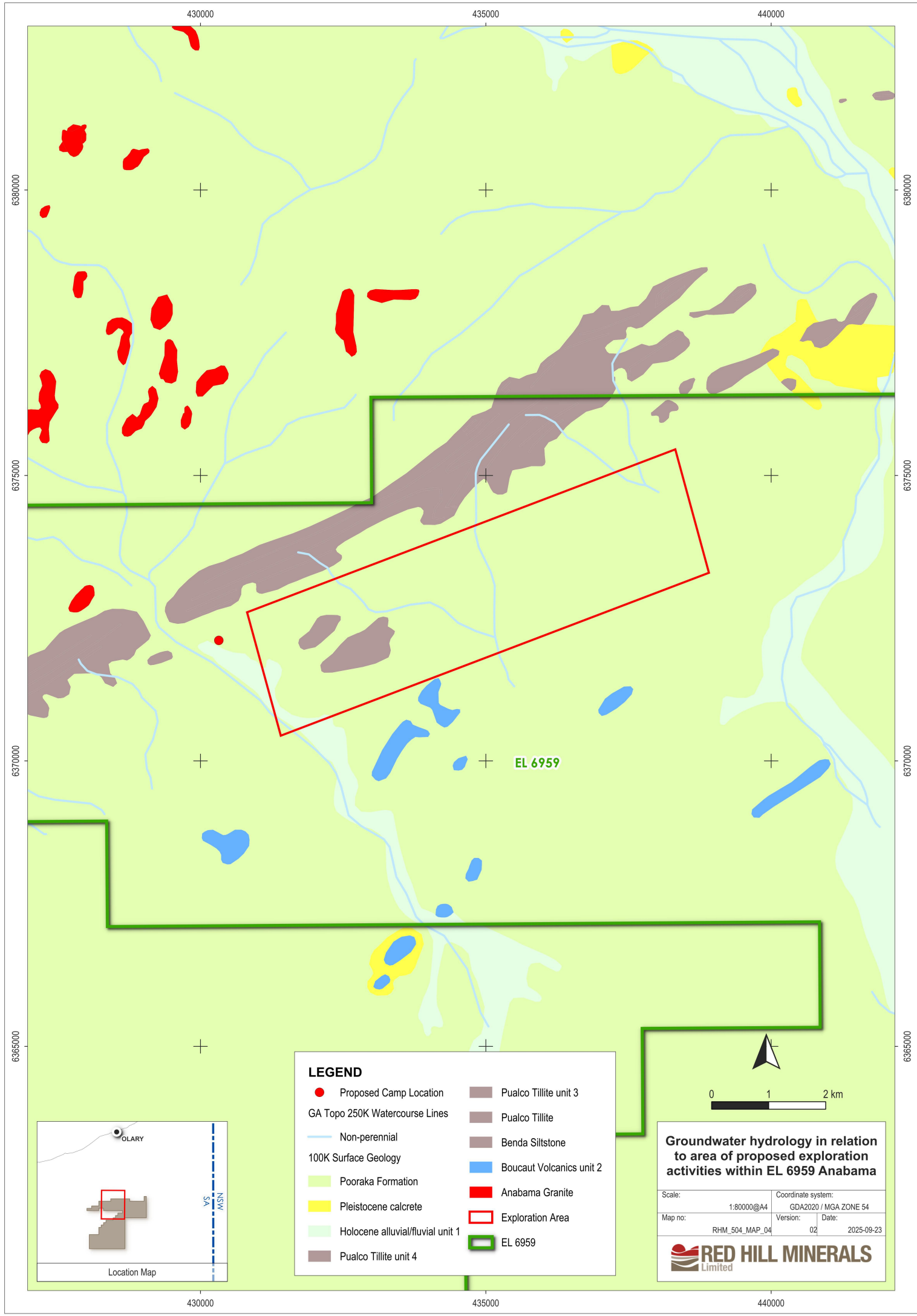
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EP-03930_RHM_Risk_Matrix_addendum.xlsx	0.05 Mb	02-09-2025 13:42:12	<a href="#">Download (MERS/EP-03930/Supporting information/Maps/EP-03930_RHM_Risk_Matrix_addendum_2025-09-02T04-12-13.342Z.xlsx)</a>

Figure Description	Document ID
Location of attached photos in relation to proposed exploration area.	EP-03930_Photo_Location_Map

### 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.

Condensed RHM risk matrix associated with PEPR identified risks attached to application to demonstrate suitable identification and mitigation of potential risks.



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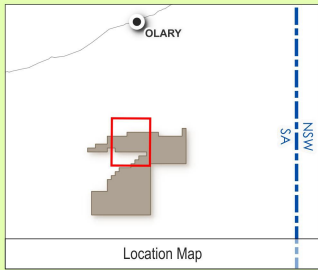
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**LEGEND**

- Proposed Camp Location
- GA Topo 250K Watercourse Lines
- 100K Surface Geology
- Pooraka Formation
- Pleistocene calcrete
- Holocene alluvial/fluvial unit 1
- Pualco Tillite unit 4
- Pualco Tillite unit 3
- Pualco Tillite
- Benda Siltstone
- Boucaut Volcanics unit 2
- Anabama Granite
- Exploration Area
- EL 6959



**Groundwater hydrology in relation to area of proposed exploration activities within EL 6959 Anabama**

Scale:	1:80000@A4	Coordinate system:	GDA2020 / MGA ZONE 54
Map no:	RHM_504_MAP_04	Version:	02
		Date:	2025-09-23

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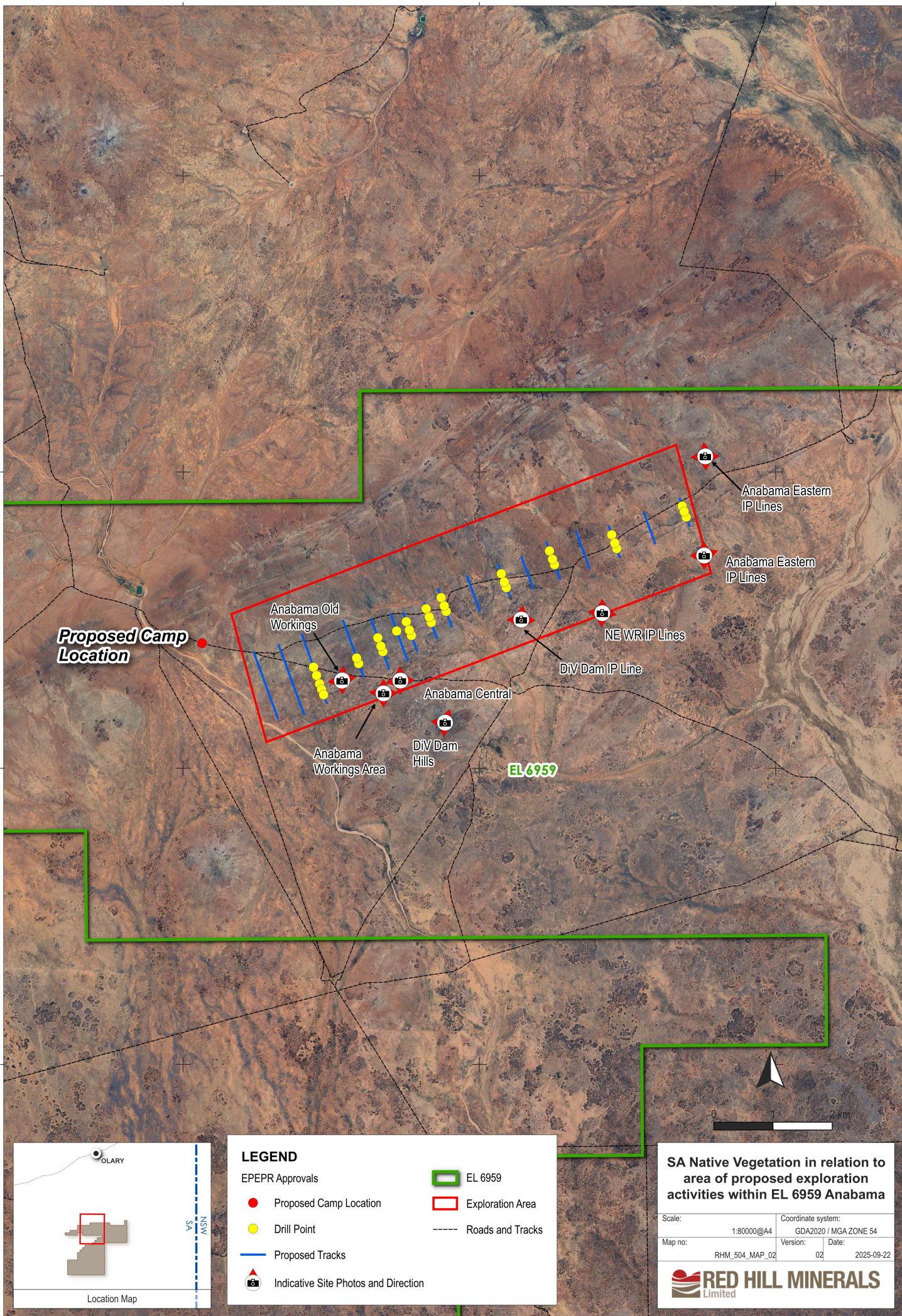
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**Proposed Camp Location**

Anabama Old Workings

Anabama Workings Area

Anabama Central

DiV Dam Hills

EL 6959

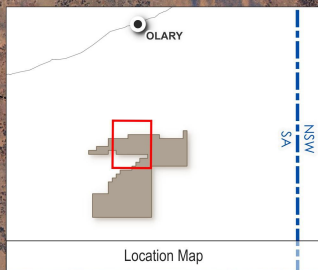
Anabama Eastern IP Lines

Anabama Eastern IP Lines

NE WR IP Lines

DiV Dam IP Line

0 2 km



**LEGEND**

EPEPR Approvals

- Proposed Camp Location
- Drill Point
- Proposed Tracks
- Indicative Site Photos and Direction
- EL 6959
- Exploration Area
- Roads and Tracks

**SA Native Vegetation in relation to area of proposed exploration activities within EL 6959 Anabama**

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Map no:	Version:
RHM_504_MAP_02	02
Date:	2025-09-22



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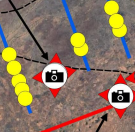
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**Possible Anabama Hut  
campsite location**



Anabama Old  
Workings



Anabama Workings Area

Anabama Central

DiV Dam  
Hills

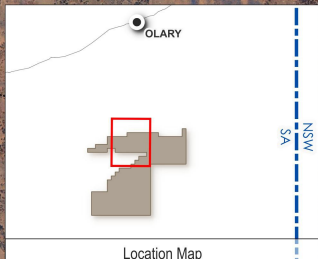
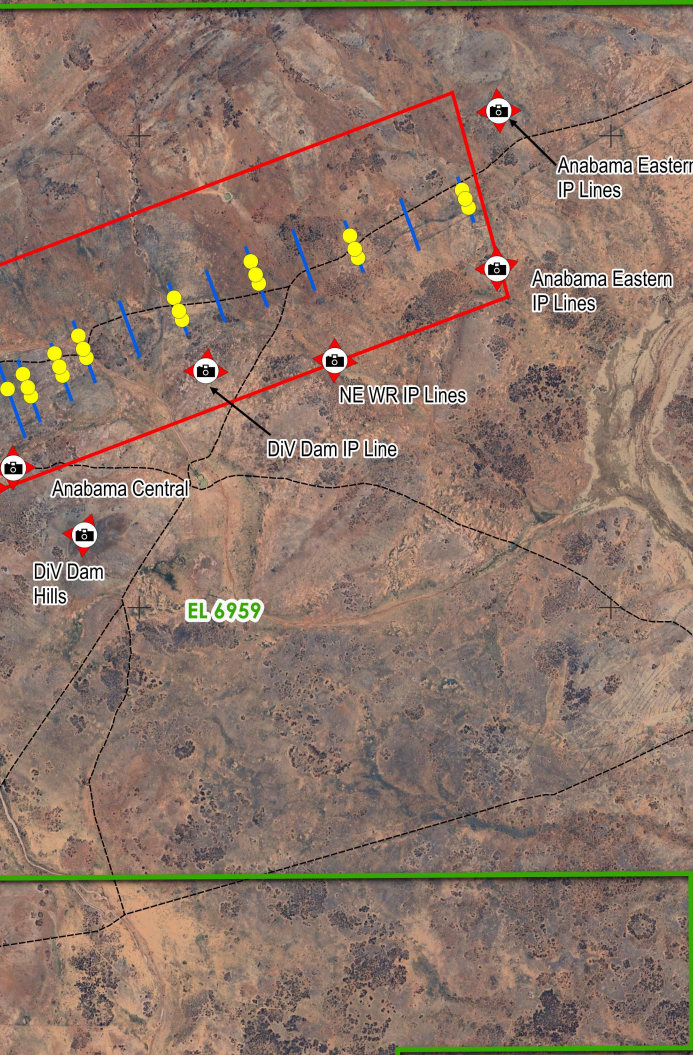
EL 6959

Anabama Eastern  
IP Lines

Anabama Eastern  
IP Lines

NE WR IP Lines

DiV Dam IP Line



**LEGEND**

- Possible Anabama Hut campsite location
- Indicative Site Photos and Direction
- EL 6959
- Drill Point
- Exploration Area
- Proposed Tracks
- Roads and Tracks

**SA Native Vegetation in relation to  
area of proposed exploration  
activities within EL 6959 Anabama**

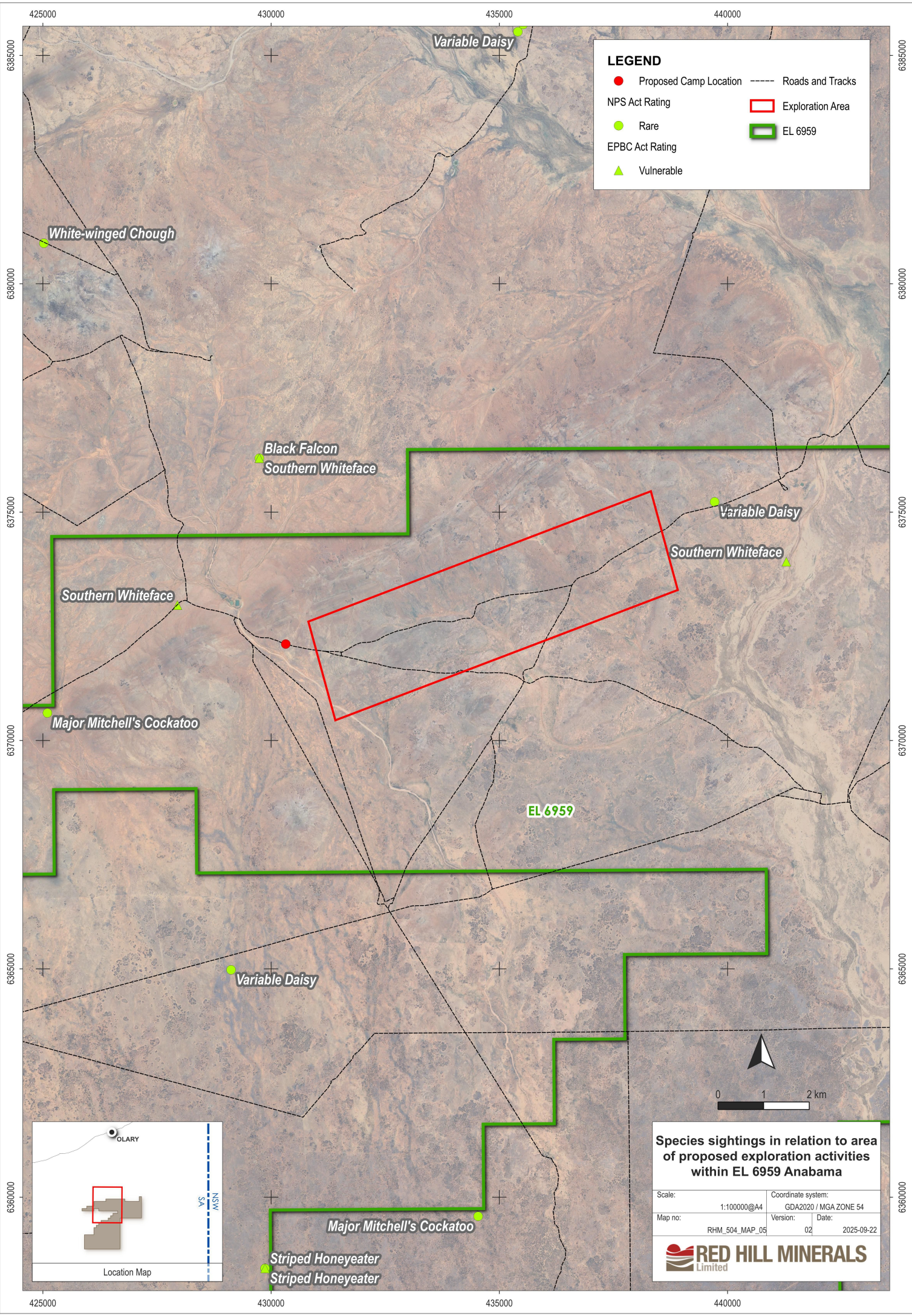
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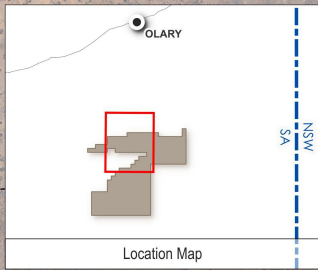
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**LEGEND**

- Proposed Camp Location
- NPS Act Rating: Rare
- ▲ EPBC Act Rating: Vulnerable
- Roads and Tracks
- Exploration Area
- EL 6959



**Species sightings in relation to area of proposed exploration activities within EL 6959 Anabama**

Scale: 1:100000@A4	Coordinate system: GDA2020 / MGA ZONE 54
Map no: RHM_504_MAP_05	Version: 02
	Date: 2025-09-22

**RED HILL MINERALS**  
Limited

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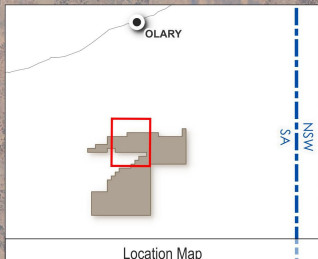
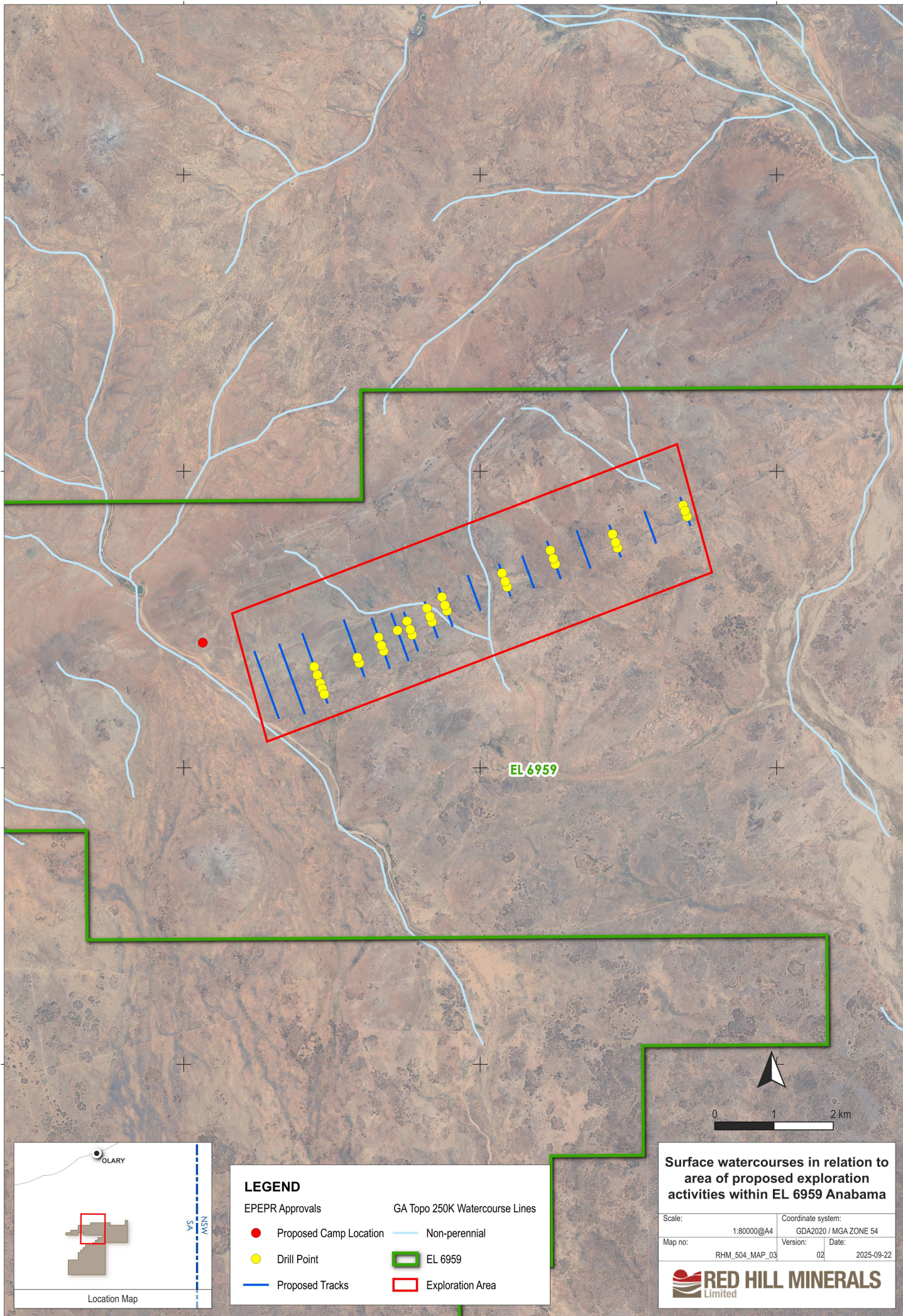
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**LEGEND**

EPEPR Approvals	GA Topo 250K Watercourse Lines
● Proposed Camp Location	— Non-perennial
● Drill Point	▭ EL 6959
— Proposed Tracks	▭ Exploration Area

**Surface watercourses in relation to area of proposed exploration activities within EL 6959 Anabama**

Scale:	Coordinate system:
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Map no:	Version:
RHM_504_MAP_03	02
Date:	2025-09-22

**RED HILL MINERALS**  
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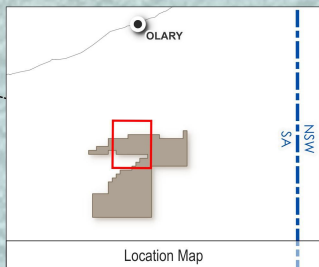
6375000

6370000

6365000



EL 6959



**LEGEND**

- EPEPR Approvals
- Proposed Camp Location
- Drill Point
- Proposed Tracks
- EL 6959
- Exploration Area
- Roads and Tracks
- Background: Resource Potentials DTM ELEV NSUN 99

**Area of proposed exploration activities within EL 6959 Anabama**

Scale:	Coordinate system:
1:80000@A4	GDA2020 / MGA ZONE 54
Map no:	Version:
RHM_504_MAP_01	02
Date:	2025-09-22



430000

435000

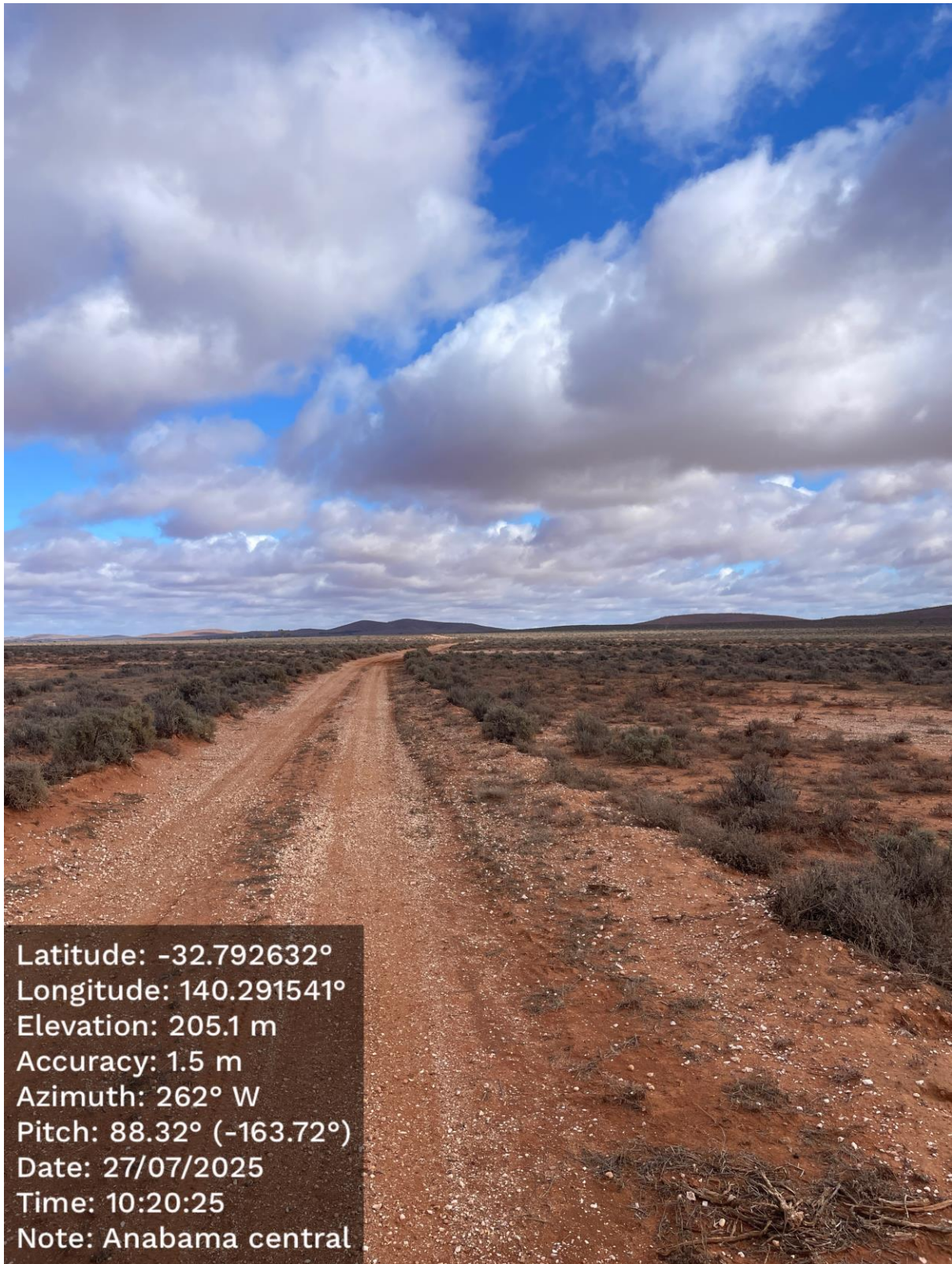
440000



Latitude: -32.796046°  
Longitude: 140.201234°  
Elevation: 227.8 m  
Accuracy: 0.31 m  
Azimuth: 67° E  
Pitch: 88.1° (164.95°)  
Date: 24/07/2025  
Time: 10:58:56  
Note: Anabama Access East



Latitude: -32.792621°  
Longitude: 140.291535°  
Elevation: 205.56 m  
Accuracy: 0.07 m  
Azimuth: 359° N  
Pitch: 87.37° (148.72°)  
Date: 27/07/2025  
Time: 10:20:19  
Note: Anabama central



Latitude:  $-32.792632^{\circ}$   
Longitude:  $140.291541^{\circ}$   
Elevation: 205.1 m  
Accuracy: 1.5 m  
Azimuth:  $262^{\circ}$  W  
Pitch:  $88.32^{\circ}$  ( $-163.72^{\circ}$ )  
Date: 27/07/2025  
Time: 10:20:25  
Note: Anabama central



Latitude: -32.792639°  
Longitude: 140.291548°  
Elevation: 205.48 m  
Accuracy: 0.31 m  
Azimuth: 181° S  
Pitch: 87.89° (-94.81°)  
Date: 27/07/2025  
Time: 10:20:32  
Note: Anabama central



Latitude:  $-32.792635^{\circ}$   
Longitude:  $140.291570^{\circ}$   
Elevation: 204.73 m  
Accuracy: 0.31 m  
Azimuth:  $88^{\circ}$  E  
Pitch:  $89.39^{\circ}$  ( $58.34^{\circ}$ )  
Date: 27/07/2025  
Time: 10:20:39  
Note: Anabama central



Latitude:  $-32.758792^{\circ}$   
Longitude:  $140.346757^{\circ}$   
Elevation: 195.89 m  
Accuracy: 0.31 m  
Azimuth:  $267^{\circ}$  W  
Pitch:  $89.34^{\circ}$  ( $116.12^{\circ}$ )  
Date: 24/07/2025  
Time: 12:44:41  
Note: Anabama Eastern ip lines



Latitude:  $-32.758790^{\circ}$   
Longitude:  $140.346763^{\circ}$   
Elevation: 195.86 m  
Accuracy: 0.31 m  
Azimuth:  $354^{\circ}$  N  
Pitch:  $88.95^{\circ}$  ( $47.37^{\circ}$ )  
Date: 24/07/2025  
Time: 12:44:47  
Note: Anabama Eastern ip lines



Latitude: -32.758789°  
Longitude: 140.346770°  
Elevation: 195.85 m  
Accuracy: 1.0 m  
Azimuth: 89° E  
Pitch: 89.59° (-174.07°)  
Date: 24/07/2025  
Time: 12:44:54  
Note: Anabama Eastern ip lines



Latitude:  $-32.758792^{\circ}$   
Longitude:  $140.346766^{\circ}$   
Elevation: 196.22 m  
Accuracy: 1.0 m  
Azimuth:  $177^{\circ}$  S  
Pitch:  $89.11^{\circ}$  ( $166.48^{\circ}$ )  
Date: 24/07/2025  
Time: 12:45:01  
Note: Anabama Eastern ip lines



Latitude:  $-32.773897^{\circ}$   
Longitude:  $140.346469^{\circ}$   
Elevation: 186.53 m  
Accuracy: 0.71 m  
Azimuth:  $70^{\circ}$  E  
Pitch:  $88.74^{\circ}$  ( $110.11^{\circ}$ )  
Date: 24/07/2025  
Time: 13:36:43  
Note: Anabama Eastern ip lines



Latitude:  $-32.773896^{\circ}$   
Longitude:  $140.346459^{\circ}$   
Elevation: 186.18 m  
Accuracy: 1.08 m  
Azimuth:  $180^{\circ}$  S  
Pitch:  $89.72^{\circ}$  ( $-44.57^{\circ}$ )  
Date: 24/07/2025  
Time: 13:36:48  
Note: Anabama Eastern ip lines



Latitude: -32.773894°  
Longitude: 140.346457°  
Elevation: 186.42 m  
Accuracy: 0.79 m  
Azimuth: 269° W  
Pitch: 89.59° (108.9°)  
Date: 24/07/2025  
Time: 13:36:53  
Note: Anabama Eastern ip lines



Latitude:  $-32.773888^{\circ}$   
Longitude:  $140.346455^{\circ}$   
Elevation: 187.91 m  
Accuracy: 0.79 m  
Azimuth:  $358^{\circ}$  N  
Pitch:  $89.72^{\circ}$  ( $-138.34^{\circ}$ )  
Date: 24/07/2025  
Time: 13:36:57  
Note: Anabama Eastern ip lines



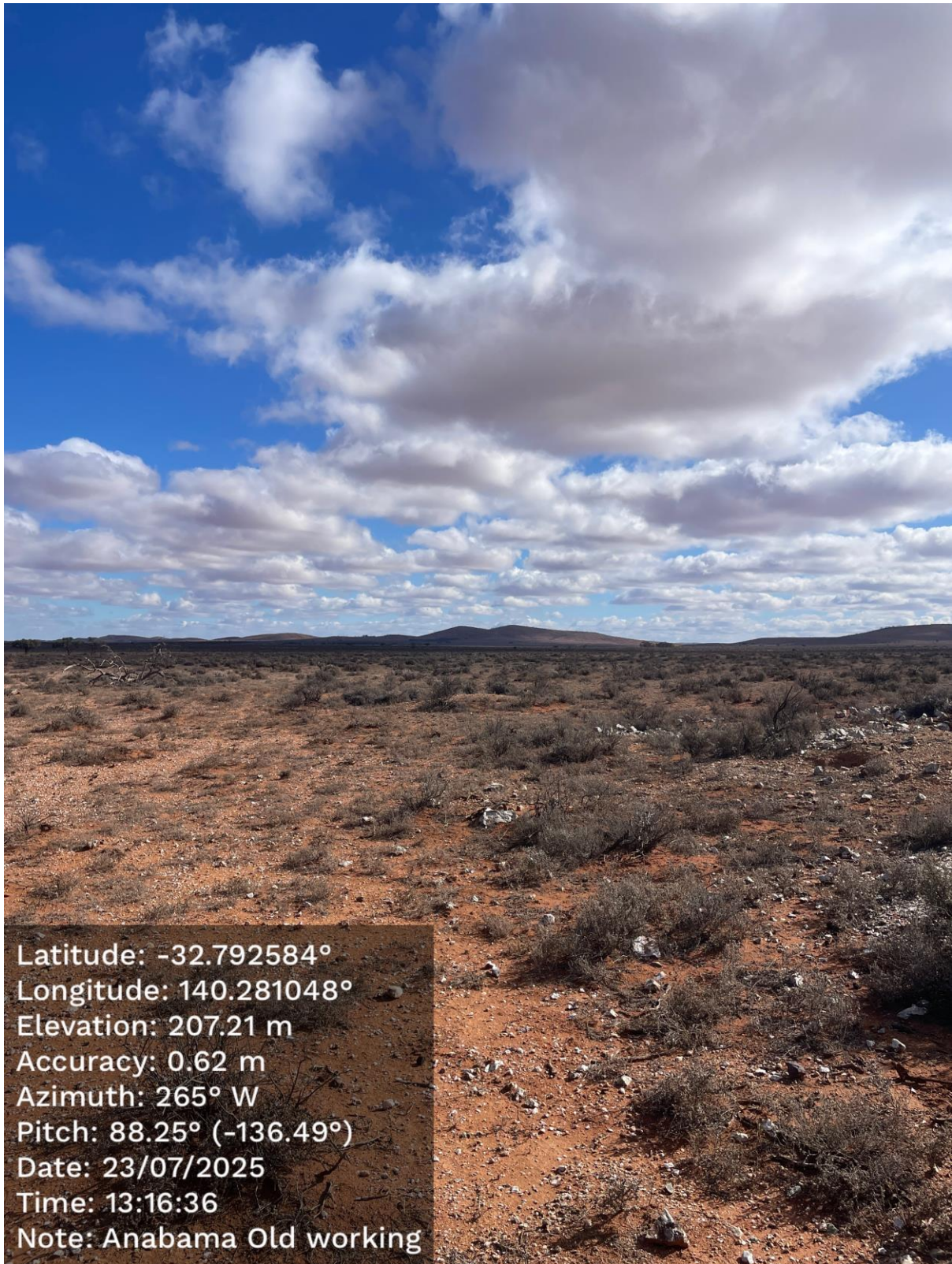
Latitude: -32.792476°  
Longitude: 140.281064°  
Elevation: 205.18 m  
Accuracy: 0.07 m  
Azimuth: 77° E  
Pitch: 88.4° (103.84°)  
Date: 23/07/2025  
Time: 13:15:40  
Note: Anabama Old working



Latitude:  $-32.792532^{\circ}$   
Longitude:  $140.281099^{\circ}$   
Elevation: 210.35 m  
Accuracy: 0.31 m  
Azimuth:  $180^{\circ}$  S  
Pitch:  $89.32^{\circ}$  ( $131.23^{\circ}$ )  
Date: 23/07/2025  
Time: 13:15:59  
Note: Anabama Old working



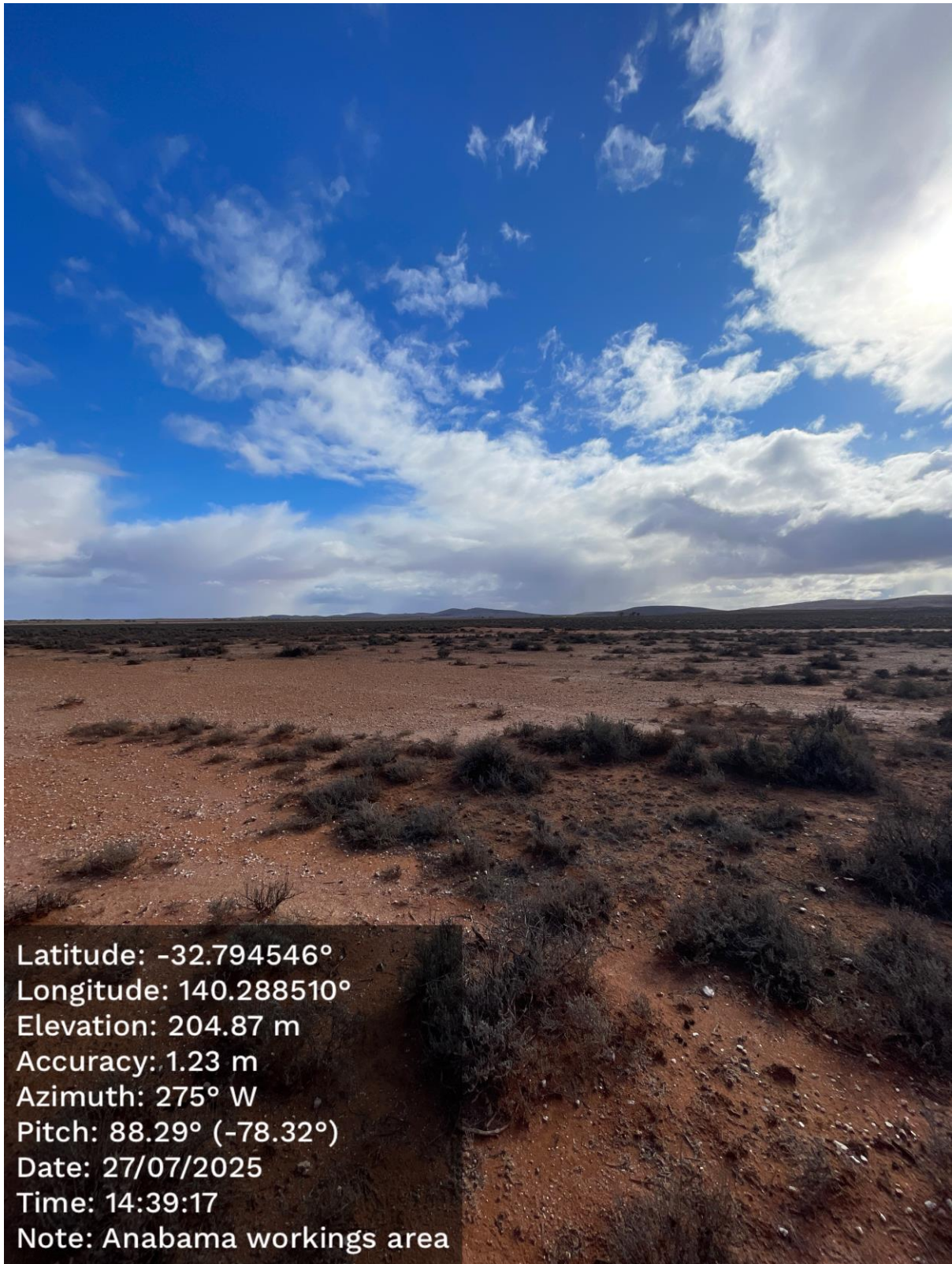
Latitude: -32.792509°  
Longitude: 140.281093°  
Elevation: 207.37 m  
Accuracy: 0.96 m  
Azimuth: 4° N  
Pitch: 87.9° (-172.88°)  
Date: 23/07/2025  
Time: 13:16:08  
Note: Anabama Old working



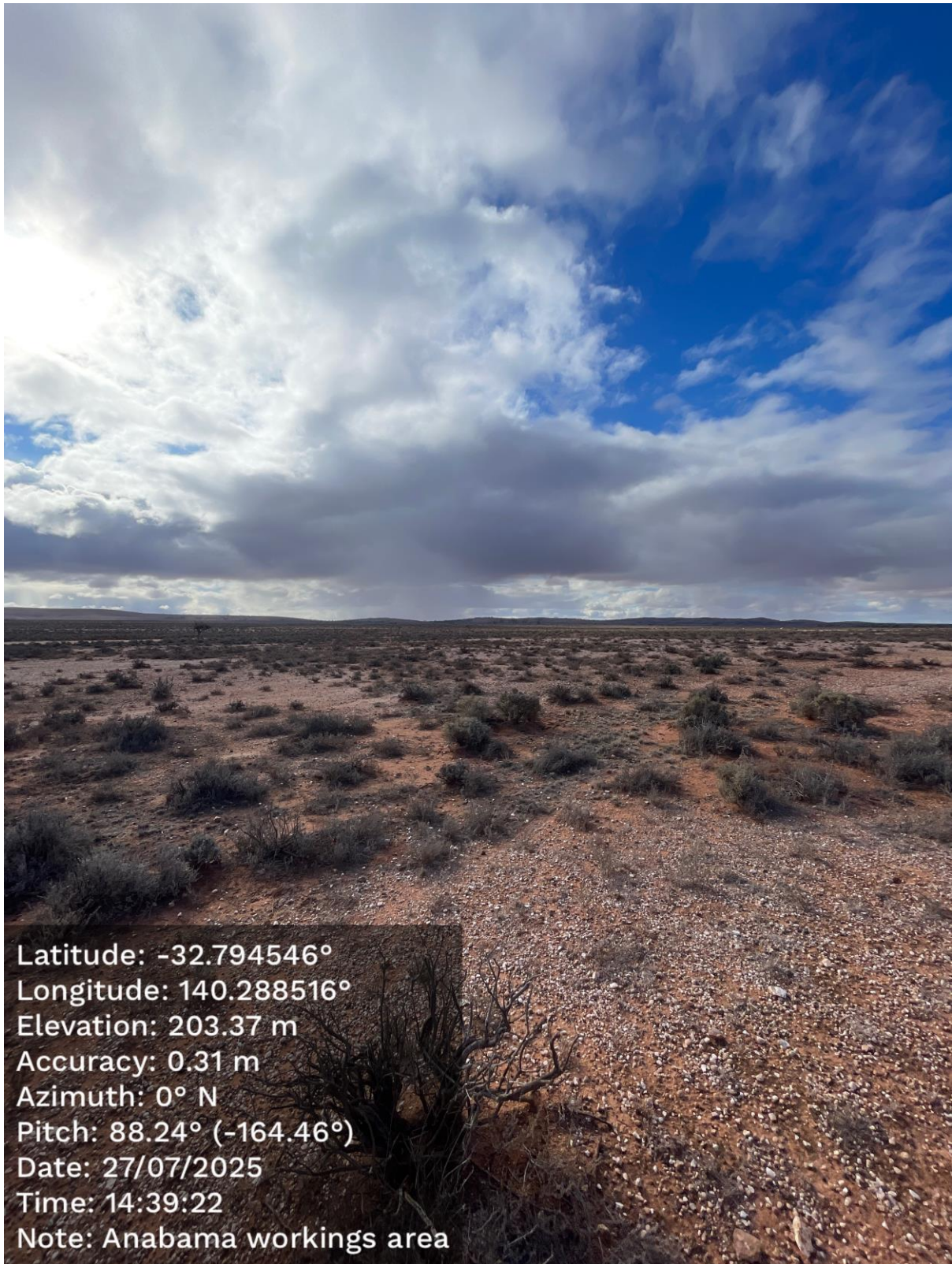
Latitude: -32.792584°  
Longitude: 140.281048°  
Elevation: 207.21 m  
Accuracy: 0.62 m  
Azimuth: 265° W  
Pitch: 88.25° (-136.49°)  
Date: 23/07/2025  
Time: 13:16:36  
Note: Anabama Old working



Latitude: -32.794555°  
Longitude: 140.288505°  
Elevation: 205.18 m  
Accuracy: 0.79 m  
Azimuth: 180° S  
Pitch: 88.74° (-47.33°)  
Date: 27/07/2025  
Time: 14:39:11  
Note: Anabama workings area



Latitude:  $-32.794546^{\circ}$   
Longitude:  $140.288510^{\circ}$   
Elevation: 204.87 m  
Accuracy: 1.23 m  
Azimuth:  $275^{\circ}$  W  
Pitch:  $88.29^{\circ}$  ( $-78.32^{\circ}$ )  
Date: 27/07/2025  
Time: 14:39:17  
Note: Anabama workings area



Latitude:  $-32.794546^{\circ}$   
Longitude:  $140.288516^{\circ}$   
Elevation: 203.37 m  
Accuracy: 0.31 m  
Azimuth:  $0^{\circ}$  N  
Pitch:  $88.24^{\circ}$  ( $-164.46^{\circ}$ )  
Date: 27/07/2025  
Time: 14:39:22  
Note: Anabama workings area



Latitude:  $-32.794559^{\circ}$   
Longitude:  $140.288521^{\circ}$   
Elevation: 203.8 m  
Accuracy: 0.68 m  
Azimuth:  $89^{\circ}$  E  
Pitch:  $87.91^{\circ}$  ( $135.3^{\circ}$ )  
Date: 27/07/2025  
Time: 14:39:26  
Note: Anabama workings area



Latitude: -32.799089°  
Longitude: 140.299584°  
Elevation: 215.62 m  
Accuracy: 1.43 m  
Azimuth: 19° N  
Pitch: 87.05° (-120.18°)  
Date: 28/07/2025  
Time: 14:10:31  
Note: DiV Dam Hills



Latitude:  $-32.799085^{\circ}$   
Longitude:  $140.299572^{\circ}$   
Elevation: 216.76 m  
Accuracy: 0.31 m  
Azimuth:  $274^{\circ}$  W  
Pitch:  $89.11^{\circ}$  ( $13.13^{\circ}$ )  
Date: 28/07/2025  
Time: 14:10:39  
Note: DiV Dam Hills



Latitude: -32.799085°  
Longitude: 140.299577°  
Elevation: 216.83 m  
Accuracy: 0.31 m  
Azimuth: 186° S  
Pitch: 89.16° (115.76°)  
Date: 28/07/2025  
Time: 14:10:44  
Note: DiV Dam Hills



Latitude: -32.783467°  
Longitude: 140.313430°  
Elevation: 199.97 m  
Accuracy: 0.38 m  
Azimuth: 94° E  
Pitch: 89.09° (-149.29°)  
Date: 28/07/2025  
Time: 11:11:48  
Note: DIV Dam IP line



Latitude: -32.783466°  
Longitude: 140.313427°  
Elevation: 199.87 m  
Accuracy: 0.58 m  
Azimuth: 6° N  
Pitch: 89.09° (-23.82°)  
Date: 28/07/2025  
Time: 11:11:53  
Note: DiV Dam IP line



Latitude: -32.783469°  
Longitude: 140.313431°  
Elevation: 199.71 m  
Accuracy: 0.31 m  
Azimuth: 269° W  
Pitch: 89.33° (140.45°)  
Date: 28/07/2025  
Time: 11:12:03  
Note: DiV Dam IP line



Latitude: -32.782564°  
Longitude: 140.328039°  
Elevation: 184.94 m  
Accuracy: 0.61 m  
Azimuth: 275° W  
Pitch: 88.79° (147.61°)  
Date: 27/07/2025  
Time: 15:39:01  
Note: NE WR Ip lines



Latitude: -32.782562°  
Longitude: 140.328040°  
Elevation: 184.91 m  
Accuracy: 1.02 m  
Azimuth: 359° N  
Pitch: 88.13° (148.54°)  
Date: 27/07/2025  
Time: 15:39:07  
Note: NE WR Ip lines



Latitude: -32.782565°  
Longitude: 140.328041°  
Elevation: 184.58 m  
Accuracy: 1.15 m  
Azimuth: 96° E  
Pitch: 87.54° (111.18°)  
Date: 27/07/2025  
Time: 15:39:13  
Note: NE WR Ip lines



Latitude: -32.782566°  
Longitude: 140.328030°  
Elevation: 183.67 m  
Accuracy: 1.16 m  
Azimuth: 183° S  
Pitch: 88.37° (7.08°)  
Date: 27/07/2025  
Time: 15:39:17  
Note: NE WR Ip lines