



Government
of South Australia

Department for
Energy and Mining

21 March 2025

Mr Shane Le Plastrier
Director
Peninsula Exploration Pty Ltd
22 Weemala Drive
Mitcham, SA
5062

kalamurina@hotmail.com

Dear Mr Le Plastrier,

Approval Notification - Exploration Program for Environment Protection and Rehabilitation (EPEPR2025-002) EL 6664

The program for EL 6664, final version submitted on 19 February 2025 to conduct 77 AC drillholes to a maximum depth 60m at your Chairlift Project situated approximately 30 km southwest of Wudinna has been approved in accordance with Section 70B(5) of the *Mining Act, 1971 (the Act)*.

You are reminded that:

1. You must at all times implement and comply with the approved EPEPR.
2. The approved EPEPR will be made publicly available on the Mining Register.
3. Exploration operations on “native title land” (as defined in the *Native Title (South Australia) Act, 1994*) must be conducted in accordance with Part 9B of the Act.
4. In accordance with Section 70C of the Act, the licensee must review the EPEPR on request of the Minister’s Delegate within a time specified in the request and submit the revised EPEPR for approval.
5. As the operator for the approved EPEPR you must take all reasonable and practical measures to avoid undue damage to the environment and meet all the approved outcomes (when measured against the approved criteria) listed within the EPEPR.
6. In accordance with regulation 78 of the *Mining Regulations 2020* and Terms of Reference 012 (TOR 012), the licensee must submit an Exploration Compliance Report to the Mineral Exploration Branch each year, within 60 days after the anniversary of the date the licence was granted, and 60 days after the expiry or surrender of the EL, or in accordance with joint reporting requirements agreed to with the Minister.
7. In accordance with regulation 16(4) of the *Mining Regulations 2020*, drillhole and geological samples must be kept in accordance with guidelines issued by the Department for the term of the relevant tenement and for 7 years after the expiry, surrender, cancellation or forfeiture of the tenement to which the sample relates. Furthermore, samples must be retained by the tenement holder, or provided to the Director, in accordance with those guidelines (unless the Minister has authorised, on application by the tenement holder in a manner and form set out in the guidelines, the destruction or disposal of the samples).
8. The EPEPR is approved for a period of twelve months from the date of this letter.

MINERALS REGULATION

Level 7, 11 Waymouth Street, Adelaide SA 5000 | GPO Box 320 Adelaide SA 5001

Tel (+61) 8 8463 3000 | www.energymining.sa.gov.au | ABN 83 768 683 934



This approval does not constitute endorsement of the systems that you have in place to manage your exploration operations in compliance with the Act and licence conditions. In granting the approval, the EPEPR and your capacity to undertake the proposed activities have been considered. However, responsibility for compliance with the Act and the licence conditions, remains at all times with the licensee.

This approval relates only to the requirements of the Act. Other legislation relevant to this application includes the *South Australian Work Health and Safety Act, 2012* and Regulations. For example, Chapter 10 of the *Work Health and Safety Regulations, 2012 (SA)* introduced new requirements for mine operators in South Australia. The new requirements include a notification for mining operations and the establishment of a Safety Management System. For further information on your responsibilities, including a guide to Chapter 10 and the Mine Operator Notification Form, contact SafeWork SA on 08 8303 0255 or via its website at www.safework.sa.gov.au.

The proposed program may be subject to the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). Mineral exploration industry-specific information is contained in an appendix in the EPBC Matters of National Environmental Significance – Significant impact guidelines 1.1. This document is available on the Australian Government’s Department for Agriculture, Water and the Environment website at <http://www.environment.gov.au/resource/significant-impact-guidelines-11-matters-national-environmental-significance>. For further information, contact the Department for Agriculture, Water and the Environment, or visit its website at www.environment.gov.au/.

Proposed changes to exploration operations stated in the approved EPEPR may require a *PEPR review* to be submitted for assessment. Where a *PEPR 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](#).

If you require any further information, please contact Cobus Martins on 0437252134 or Shelley Rasmussen 0409 797 670 or email DEM.exploration@sa.gov.au.

Yours sincerely



Simon Constable
**GENERAL MANAGER MINERAL EXPLORATION
REGULATION & COMPLIANCE**

In accordance with delegated
Ministerial powers and functions

CC: Eric Whittaker, Chief Geologist, Andromeda eric.whittaker@andromet.com.au

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

APPLICATION

Mining Act 1971 and Mining Regulations 2020



Government of South Australia

Department for Energy and Mining

EXPLORATION PROGRAM FOR ENVIRONMENT PROTECTION AND REHABILITATION (PEPR)

USE THIS TEMPLATE TO: Apply to conduct mineral exploration operations not covered by the Generic PEPR (Adopted Program) for a 12 month period of time on one or more exploration licences (ELs), retention leases (RLs) or mineral claims (MCs) in South Australia.

Refer to the Exploration PEPR Terms of Reference and [Minerals Regulatory Guidelines MG22](#) when completing this application. Further information on exploration requirements in South Australia is available on the Department for Energy and Mining (DEM) Minerals website www.energymining.sa.gov.au.

SECTION A – GENERAL DETAILS

Operational approval period	12-month approval period, with an additional 3 months to complete all rehabilitation		
Tenement details	EL 6664		
Tenement holder(s) (for each tenement)	Peninsula Exploration Pty Ltd ("Peninsula"; ABN 98 077 503 425)		
Operating company	Andromeda Industrial Minerals Pty Ltd ("AIM" or "Andromeda"; ABN 76 628 055 925), Level 10/431 King William St, Adelaide, SA, 5000 Ph (08) 7089 9800 AIM is a wholly owned subsidiary of Andromeda Metals Ltd (ASX:ADN)		
Agency agreement (if applicable)	Letter appointing AIM as agent for Peninsula dated 16/11/2021. Endorsed 23/12/2021 as RI 50784		
PEPR prepared by	Chris Daniel, Senior Geologist, Andromeda Metals Ltd, (20 years mining/exploration experience)		
Project supervisor/contact person(s)	Eric Whittaker, Chief Geologist, Andromeda Metals Ltd, (30 years mining/exploration experience)		
Project/prospect name	Chairlift		
Location details	30 km southwest of Wudinna, 50 km east of Venus Bay		
Project description, commodity type and mineralisation model	The proposed program involves drilling aircore/slimline reverse circulation (AC) techniques for mineral exploration and resource estimation purposes. The commodity type is kaolin present in a sub-horizontal deposit formed in situ by lateritic weathering of the feldspar-rich granite. The kaolinised zone overlies unweathered granite and is overlain by loosely consolidated sediments.		
Proposed project schedule	Start date	31/03/2025	End date 30/3/2026

DECLARATION

I, the tenement holder, declare under regulation 84 of the Mining Regulations 2020, that I have taken reasonable steps to review the information in this PEPR/revised PEPR to ensure its accuracy.

Name	Shane Le Plastrier	Signature (digital allowed)	
Position	Director	Date	20/01/2025

Copy and paste the above table if there is more than 1 tenement holder.

Note: An authorised representative from each tenement holder must sign the declaration (eg in accordance with the Corporations Act 2001).

SECTION B – PROGRAM PREPARATION AND ACCESS TO LAND

Work undertaken in preparing the proposal

Summarise the research and fieldwork undertaken in preparing the proposal including:

- desktop reviews of existing information
- field visits for reconnaissance
- contractor consultation (i.e. equipment scale, type)
- other information used when planning the proposed program.

The Operator has a good understanding of kaolin deposits with its history in the last 6 years of developing the Great White Kaolin Project (GWKP) near Poochera and exploring the surrounding prospects.

The Eyre Kaolin Joint Venture (EKJV) is a joint venture between AIM and Peninsula, the registered title holder of 4 exploration licences (EL 6663, EL 6664, EL 6665 and EL 6666) all located on the northern Eyre Peninsula, within 50km of Andromeda Industrial Minerals Pty Ltd's (AIM) Great White Kaolin Project (GWKP). AIM is a wholly owned subsidiary of Andromeda Metals Ltd and is the Operator of the joint venture agreement.

The Chairlift prospect is located within EL 6664, 30km southwest of Wudinna and 50km east of Venus Bay.

Several reconnaissance visits and desktop reviews of previous drilling data on SARIG website has informed the target areas, along with visits to the DEM's core library facility for viewing and testing of historic samples.

The initial drill program took place in April-May 2022 during which 28 AC drillholes were completed.

A passive seismic program was undertaken in August-September 2022.

31 AC drillholes were completed in March 2023.

Samples from the Chairlift prospect have recently been subjected to processing trials through AIM's Streaky Bay pilot plant to produce 50kg of filter cake for product testing.

The Operator has a relationship with the following contractors in relation to future programs:

- McLeod Drilling (of Stirling North, SA) have a long association with the Company and the Project. The contractor's MD1 Almet AC/slimline RC drill rig is mounted on a diesel 6x6 Land Cruiser ute (refer Photograph 1 of Section G) and has been used for all AC drilling undertaken by the Operator (including 400 drillholes within EL 6588) since 2019.
- RI and LA Montgomerie Pty Ltd have been an ongoing presence at the Great White Kaolin Project, supplying excavators, loaders, trucks and tankers

Note: the drill contract has yet to be awarded and contractors and equipment are subject to availability.

Consultation (r. 64)

Using the table below, provide a summary of the individual or group of similarly affected persons and summarise the results of consultation that has been undertaken on the proposed operation. Types of interested or affected parties include residents, council, government agencies etc (exclude native title groups and defence owned or controlled lands – refer to relevant sections below).

Tenement	Stakeholder	Land tenure	Land use	Date and type of NOE served	Type of exempt land	Date waiver obtained	Date consultation/access agreement and/or permits signed/authorised	Stakeholder concerns raised and how addressed
EL 6664	Cocata Nominees Pty Ltd	CT 6012/936	Ceral cropping/ grazing	17/02/2025 Form 21B	Cropping land		17/02/2025—Introduction and commencement consultation 17/02/2025-Sent NOE (21B)	No initial concerns raised. Arranged a landowner consultation meeting to meet in person and discuss any possible concerns

Exploration PEPR application – 12-month period

Tenement	Stakeholder	Land tenure	Land use	Date and type of NOE served	Type of exempt land	Date waiver obtained	Date consultation/access agreement and/or permits signed/authorised	Stakeholder concerns raised and how addressed
EL 6664	J&R Gosling Family Trust	CT 6012/936	Ceral cropping/ grazing	17/02/2025 Form 21B	Cropping land		17/02/2025—Introduction and commencement consultation 17/02/2025-Sent NOE (21B)	No initial concerns raised. Arranged a landowner consultation meeting to meet in person and discuss any possible concerns
EL 6664	Kappacoola Park Pty Ltd	CT 5937/984 CT 6164/460 CT 6164/462 CT 6264/879	Ceral cropping/ grazing	14/02/2025 Form 21B, 23A, From previous drill programs LACA	Cropping land	From previous drill program 10/03/2022	20/12/2021 - Introduction and commence consultation 24/1/2022 – Sent NOE (21B), Waiver (23A) and Land Access Agreement (LACA). 10/02/2022 Form 21B provided to DEM. 10/03/2022 LACA fully executed. 11/03/2022 LACA provided to DEM 16/01/2023 Consultation of Phase 2 drilling occurred and map of planned drillhole locations provided. Progress reports occurred during the drill program in March 2023 and compensation consultation occurred following the drill program. An update and general discussion on the expected future course of events was given to the landowners before the ASX Chairlift resource announcement was released in November 2023. 15/01/2025-Informed landowners of intention to implement a new AC drill program, following up previous results. 14/02/2025-Served Form 21B, 23A. Arranged a landowner meeting to discuss any concerns	Whilst no concerns were raised by the landowner, the Operator will work in consultation with the landowner to minimise disruption to seeding and farm operations in general. In August-September 2022 a passive seismic program took place which the landowners had no issues with. No concerns were raised by the landowners regarding the Phase 2 drilling program, which took place in March 2023 or in the consultation about the ASX resource calculation in November 2023. The Operator retains consultation records for all landowner interactions. No concerns were raised in regards to 2025 drill program.
EL 6664	D and D Mullan	Occupier/Manager of land owned by Kappacoola Park Pty Ltd	Ceral cropping/ grazing	14/02/2025 Form 21B	Cropping land	From previous drill program 10/03/2022	14/02/2021 - Introduction and commence consultation 24/1/2022 – Sent NOE (21B), Waiver (23A) and Land Access Agreement (LACA). 10/02/2022 - Form 21B provided to DEM. 10/03/2022 - LACA fully executed. 11/03/2022 - LACA provided to DEM 16/01/2023 Consultation of Phase 2 drilling occurred and map of planned drillhole locations provided.	As above.

Exploration PEPR application – 12-month period

Tenement	Stakeholder	Land tenure	Land use	Date and type of NOE served	Type of exempt land	Date waiver obtained	Date consultation/access agreement and/or permits signed/authorised	Stakeholder concerns raised and how addressed
							15/01/2025-Informed landowners of intention to implement a new AC drill program, following up previous results. 14/02/2025-Served Form 21B, Arranged a landowner meeting to discuss any concerns	
EL 6664	Jindalee Enterprises Pty. Ltd.& Roger Mullan Family Trust	Lessee, land owned by Kyeyre Pty Ltd	Cereal cropping/ grazing	24/01/2022 Form 21B, 23A, LACA (all from previous drill programs)	Cropping land	10/03/2022	17/12/2021 - Introduction and commence Consultation 24/1/2022 - Sent NOE (21B), Waiver (23A) and Land Access Agreement 10/02/2022 - Form 21B provided to DEM. 10/03/2022 - LACA fully executed. 11/03/2022 - LACA provided to DEM 16/01/2023 – Consultation regarding Phase 2 of the exploration program. Progress reports occurred during the drill program in March 2023 and compensation consultation occurred following the drill program. An update and general discussion on the expected future course of events was given to the landowners before the ASX Chairlift resource announcement was released in November 2023.	Whilst no concerns were raised by the landowner, the Operator will work in consultation with the landowner to minimise disruption to seeding and farm operations in general. The Lessee of land owned by Kyeyre Pty Ltd was consulted regarding Phase 2 drill program. No concerns were raised with the Operator. The Operator retains consultation records of landowner interactions. No exploration to take place in 2025 program..
EL 6664	SANTS	Native Title Service	n/a	21/02/2022	n/a	n/a	21/02/2022 - Service of Form 21B and cover letter, associated documents. 1/03/2022 - Form 21B sent to DEM	No concerns raised.
EL 6664	Wirangu No. 2 Native Title Claim	Traditional Owners	n/a	21/02/2022	n/a	n/a	11/02/2022 - Advise Wirangu of Eyre Kaolin Joint Venture 21/02/2022 - Service of Form 21B and cover letter, associated documents. 1/03/2022 – Form 21B sent to DEM	No concerns raised.

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

N/A

Provide any additional relevant information.

Exploration PEPR application – 12-month period

Andromeda's intention is to enter into a agreement within Form 23B with Cocata Nominees Pty Ltd and Kappacoola Park Pty Ltd, which has been discussed with the landowners. No work will occur on land without an agreement in place.

See landowner details in Figure 11

SECTION C – DESCRIPTION OF THE ENVIRONMENT

Include a description of the features of the environment that are expected to be affected by the proposed operations. Each of the elements of the existing environment listed below must be described only to the extent that they may need to be considered in assessing the impacts that the proposed exploration operations are reasonably expected to have on the environment. If the element is not likely to be impacted by the operation, a statement to that effect must be included.

Where the terms and conditions of an RL include environmental outcomes, include any new baseline environmental data relevant to the control strategies or measurement criteria, and where changes to the environment are identified, provide an updated description of the environment to describe the changes.

Proximity to infrastructure and housing

Provide the following information:

- Settlements – indicate the name and distance of the nearest town, and residences within, or near the proposed exploration operations.
- Roads and tracks – indicate existing fence lines, roads and tracks, including those which are to be used in the exploration program.
- Other human infrastructure such as schools, hospitals, commercial or industrial sites, roads, sheds, bores, dams, ruins, pumps, scenic lookouts.
- Railway lines, transmission lines, gas and water pipelines, communication lines – e.g. fibre optic cables etc., if these may be impacted by the exploration operations.

Provide this information on a locality plan/map.

Wudinna is located 30km to the northeast of the proposed Chairlift drill area and is accessed by the unsealed Ucontitchie Road. Wudinna has all the required amenities for supplies, infrastructure and accommodation.

Vehicle access will be via Ucontitchie Rd, Talia Rd, Mildren Rd and Cocata Hill Rd from Wudinna and from Mt Damper Rd from Streaky Bay (see Figure 3).

Venus Bay and Port Kenny are located 50km to the west of the drill area but have only limited facilities.

Dial before you dig searches were performed over the 2022-2023 drill area and came up with only a decommissioned water main from SA Water.

Regular dams exist within the area, generally located to collect available road run off water from rainfall events.

Drillholes will be situated greater than 150m away from any dams or infrastructure and greater than 400m away from any homesteads.

Land use and tenure

Using the table below, select the land tenure and land use that the proposed exploration activities will occur in. Include additional information where prompted.

Exploration PEPR application – 12-month period

Land tenure/type	Applicable
Freehold	<input checked="" type="checkbox"/>
Pastoral lease	<input type="checkbox"/>
Perpetual lease	<input type="checkbox"/>
Crown land	<input type="checkbox"/>
Mining reserve	<input type="checkbox"/>
Aboriginal freehold/leasehold land (e.g. Anangu Pitjantjatjara Yankunytjatjara and Maralinga Tjarutja lands)	<input type="checkbox"/>
Forestry reserve	<input type="checkbox"/>
Marine parks	<input type="checkbox"/>
National parks, conservation parks, conservation reserves, regional reserves*	<input type="checkbox"/>
Adelaide Dolphin Sanctuary	<input type="checkbox"/>
Murray Darling Basin	<input type="checkbox"/>
<If park/reserve is selected, please provide the name of the park>	
Other*	<input type="checkbox"/>
<If other is selected, describe the land tenure here.>	

Land use	Applicable
Grazing	<input checked="" type="checkbox"/>
Cultivated land	<input checked="" type="checkbox"/>
Residential	<input type="checkbox"/>
Township	<input type="checkbox"/>
Industrial	<input type="checkbox"/>
Tourism	<input type="checkbox"/>
Conservation	<input type="checkbox"/>
Defence activity	<input type="checkbox"/>
Road reserve	<input checked="" type="checkbox"/>
Sites of scientific significance (geological monuments, fossil reserves etc.)	<input type="checkbox"/>
Orchard/vineyard	<input type="checkbox"/>
*Native vegetation heritage agreements	<input type="checkbox"/>
<Provide the name of the area>	
*European heritage sites	<input type="checkbox"/>
<Provide the name of the site>	
*Other (e.g. historic mining)	
<Provide the name of the site>	

* Indicates more information required in field immediately below.

Describe any council policies (or out of council) or development plans that may impact the program area.

None known

Provide a description of any known plans for future land use changes by other parties.

None known

Provide any additional relevant information.

N/A

Woomera Prohibited Area (WPA)

Will activities be conducted within the WPA	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Do you have a resource exploration permit in place?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
In which zone will activities be conducted?					
Does the Exploration Permit allow the operator to conduct exploration operations in the WPA?				Yes <input type="checkbox"/>	No <input type="checkbox"/>
What is the expiry date of the resource exploration permit?					
Identify closure periods that may impact on the exploration program.					
<Include text here.>					

Other land owned or controlled by the Commonwealth Department of Defence

Lands in South Australia that are owned or controlled by the Commonwealth Department of Defence, which they manage either as a training or test area, include the Port Wakefield Proof and Experimental Establishment, Murray Bridge Training Area, and Cultana Training Area.

These lands remain to be mineral land under the Mining Act 1971 (SA) and can be accessed for mineral exploration and mining subject to certain restrictions and conditions under the Defence Act 1903 (Cth) and the Defence Regulation 2016 (Cth).

Exploration PEPR application – 12-month period

Will operations be conducted within the Port Wakefield Proof and Experimental Establishment, Murray Bridge Training Area, or Cultana Training Area?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<If yes, indicate which area.>		
Do you have a Deed of Access with Defence?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
What is the expiry date of the Deed of Access?		
Provide the date the Range Control Officer granted access permission to conduct the proposed exploration operations.		
Describe the results of consultation and how any concerns raised were addressed.		
<Include text here.>		

Native title

Using the table below, describe how you have complied with the requirements of Part 9B of the Mining Act for each tenement (for further information refer to [Minerals Regulatory Guidelines MG22](#)).

Native title			
Is the proposed area of exploration located on native title land?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (If no, no further information in this section required.)		
Are there registered native title party/parties in the area of proposed exploration?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wirangu No. 2, Wirangu No. 3, Nauo	If no, an Environment, Resources and Development (ERD) Court determination is required.
Have you negotiated a native title mining agreement?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Is the agreement registered?*	Yes <input type="checkbox"/> No <input type="checkbox"/>
		<List the tenements covered by the agreement>	
Have you accepted an Indigenous land use agreement (ILUA)?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Is the ILUA registered?*	Yes <input type="checkbox"/> No <input type="checkbox"/>
		<List the tenements covered by the ILUA>	
Have you obtained ERD Court determination?†	Yes <input type="checkbox"/> No <input type="checkbox"/>	Is the determination registered?*	Yes <input type="checkbox"/> No <input type="checkbox"/>
		<List the tenements covered by the determination>	

* The registration date refers to the date the agreement, determination or ILUA was registered with DEM.

† An ERD Court determination cannot be conjunctive (i.e. cannot apply to subsequent licences).

Provide any additional relevant information.

All activity will be conducted on freehold land which is not subject to Native Title.

There are several small Crown land parcels within EL 6664 (see [Figure 3](#)), but none are in the E-PEPR application area.

The registered native title claims SCD2023/001 from the Wirangu and Nauo people cover the area between Elliston, Kyancutta, Wudinna and north of Port Kenny and the majority of EL 6664.

SCD2022/002 from the Wirangu people covers the remainder of EL 6664.

Landform and topography

Describe the topography of the general area affected by the exploration program. Include the susceptibility to erosion and visual attributes (steep or undulating slopes, plains, rocky outcrops, dunes, salt pans, clay pans etc.).

The region is characterised by various high relief granite outcrops of Ucontitchie Hill (155masl), Cocata Hill (also 155masl -8km west-south-west of Ucontitchie Hill), Kolbala Hill (12km to the west), Mt Damper (13km to the west-north-west) and Pordia Hill (103masl, 2.5 to the north-east-north). Between the outcropping hills are areas of lower relief (between 80 and 110masl) with flat lying to gently undulating topography of cereal cropping and sheep grazing land with some remnant stands of mallee/melaleuca/shrub woodland.

Sand dunes are prevalent.

The land systems present within the E-PEPR application area are listed below (see [Figure 5](#))

- Cocata land system -Rises formed on calcrete, partly overlain by calcareous silty sands of the Woorinen Formation, and minor calcareous sands. Deeply buried basement granites protrude through to the surface in places.
- Le Hunte land systems -Plains formed on highly calcareous silty sands (Woorinen Formation) and massive calcretes (Ripon and Bakara Formations), with underlying Hindmarsh Clay near the surface in some lower lying areas.

Additional land systems within EL 6664 but outside the E-PEPR application area are listed below.

- Addison land systems -Calcrete plains with calcrete ridges (relict dunes) and sinkholes.

Exploration PEPR application – 12-month period

- Tooligie land system - Plain of Ripon / Bakara Calcrete partly overlain by shell / quartz sands (Haslam Sand), minor quartz sands (Lowan Sand) and highly calcareous silty sands (Woorinen Formation).

Soil and surface cover

Describe soil types and soil surface cover - e.g. gibber, rocky - in the general area affected by the exploration program. Include details on the susceptibility to compaction, erosion, dust, runoff and any other soil characteristics – e.g. acid sulphate – that may require control strategies to reduce environmental impacts during operations or rehabilitation.

Predominant NW-SE parallel sand dunes composed of quartz rich pale sands with portions of coastal sub tidal sediments calcarenite, paleosol horizons, often capped by calcrete.

Several low hills of exposed moderately weathered Hiltaba suite granites are within the area, which will be an exploration exclusion zone. Vehicles will be constrained to single tracks at exploration sites, with firm instructions to all workers to stay on track included in site induction material. Any significant compaction from vehicle movement will be rehabilitated with light scarification upon the completion of drilling. Sand dunes will be crossed only on existing tracks to avoid destabilizing the dunes which are prone to erosion.

Dust generation from vehicle movement is anticipated to be minimal due to low vehicle speeds and ground cover/rootstock within the soil profile.

Surface water

Will the proposed program interfere with surface water bodies and natural drainage (e.g. drainage lines, creeks, floodplains, wetlands)? If yes, describe the potential interference and surface water bodies and natural drainage on maps. If no, indicate why.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Several small ephemeral drainage lines exist within EL 6664, (see Figure 9). No interference of drainage lines will occur. Locations will be sighted by senior field personnel to ensure drainage and surface water sites are not disturbed.		
Is the program area located within water protection areas defined under the <i>River Murray Act 2003</i> ? If yes, provide the name(s).	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
N/A		
Is the program area located within any prescribed watercourses or prescribed surface water areas under the <i>Landscape South Australia Act 2019</i> ? If yes, provide the name(s).	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
N/A		

Exploration PEPR application – 12-month period

Groundwater

Is groundwater likely to be intersected when conducting the exploration program? If yes, use the table below to describe the expected groundwater (hydrogeological) conditions, and identify groundwater aquifers in the exploration area(s) that may be affected. Indicate the approximate depth of drillholes in each area. Copy and paste a new table for each area where different groundwater conditions are expected. If no, provide evidence or any supporting information demonstrating this.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
---	------------------------------	--

Groundwater is not likely to be intersected when conducting the exploration program. This can be demonstrated by:

1. Most of the planned holes will be drilled to better define the existing Chairlift Resource that was defined by drilling undertaken by in 2022 and 2023. No groundwater was encountered in these previous drill programs undertaken at Chairlift.
2. There are no waterbores inside of the area covered by the 2025 E-PEPR application.
3. The planned extensional drilling will be to the west of the existing Chairlift Resource. The closest operational bore to this area intersected water at 50.29m, and in granite. No holes will be drilled into fresh granite. The average hole depth at Chairlift is <30m, with only 2% of holes drilled deeper than 50m.

There are four SARIG listed 'operational' water bores within EL 6664, see details in Table 1 below. There are also six abandoned, collapsed or "status unknown" waterbores.

Historic wells within EL 6664 are either screened in the sands of the Garford Formation or as aquifers within the fractured Hiltaba suite granite. The two operational Garford Formation wells exist near the Southern EL 6664 boundary..

Granite is generally greater than 30m in depth (from historical and recent Andromeda drilling) though it is exposed at several sites within the EL. Drilling will cease once partially decomposed-fresh granite is encountered.

Drilling will also cease if significant groundwater is encountered.

Table 1 SARIG listed waterwells within EL 6664 (Tig =Garford Formation sand, Mth = Hiltaba suite granite)

Drillhole No.	TD	status	TDS (mg/L)	date	Yield (L/s)	Water cut (mbgl)	SWL (mbgl)	Aquifer	Location
8777	44.5	Operational	11565	1949	-	44.5	41.23	Mth (Granite)	3.5km W of Cocata Hill
8778	22.86	Collapsed	'salty'	1964	-	-	-	Mth (Granite)	1km NW of Cocata Hill
8779	shallow	-	'fresh'		-	-	-		Shallow well within granite outcrop, ADN exclusion zone - Cocata Hill
8781	12.19	-	-	1964	-	-	-		Within granite outcrop ADN exclusion zone -Cocata Hill
8780	52.43	Operational	12181	1964	0.25	50.29	50.6	Mth (Granite)	1.7km S of Cocata Hill
8962	31	Operational	794	1973	0.31	30	21	Tig (Sa)	On southern EL boundary
9137	33.52	Abandoned	27005	1984	-	33.52	-	Mth (Granite)	Near intersection of Ucontitchie Rd and Cocata Hill Rd
9141	27	Operational	~4000	1985	0.5	25	-	Tig (Sa)	On southern EL boundary
9142	34	Abandoned	-	1985	-	-	-	Tig (Sa)	Near Eastern EL boundary
9143	34	Abandoned	-	1985	-	-	-	Tig (Sa)	Near Eastern EL boundary

Description of the locality/area where different groundwater conditions may be encountered

The main portion of EL 6664 has two operational waterbores listed in SARIG within the Hiltaba suite granite (Mth), several abandoned Mth waterbores exist within EL 6664 and in the surrounding area.
 Hiltaba suite granite waterbores tend to be poor flowing, moderate to high salinity and hence haven't been a target for water.
 The E-PEPR application area is unlikely to host any aquifers within the Garford Formation.

Formation age and/or stratigraphic unit	Stratigraphic intervals (depth range) (m)	Aquifer formation name	Aquifer interval/thickness (from-to) (m)	Type of aquifer(s) intersected (e.g. unconfined, confined, artesian)	Provide aquifer salinity, depth to water level and any other relevant comments
Woorinen/Bridgewater Fmn holocene calcerous/aeolian sands	0-10m	n/a	None anticipated	None	Largely calcrete and sand No noted aquifers
Garford Fmn (Pliocene/Pleistocene)	5-30m	Tig	10m	Unconfined (though unlikely to occur)	<4000mg/L, SWL's >25mbgl.
Kaolinised Saprolitic granite (Proterozoic)	10-50m	Mth	None anticipated	None	If water is encountered it would be expected >11,000mg/L, SWL's >30mbgl.

Exploration PEPR application – 12-month period

Saprock/granite (Proterozoic)	30-60m	Mth	Unknown	Fractured rock-unconfined	Granite basement water quality is typically >11,000mg/L, SWL's >40mbgl.
-------------------------------	--------	-----	---------	---------------------------	---

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

Salinity <13,000mg/L is classified as suitable for primary industries-livestock drinking water. Limited water data exists from the historic waterbores in the area, generally because no significant water was struck (or it was unsuitable) and wells were abandoned.

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

A search of the National Groundwater Dependent Ecosystem Atlas (BOM GDE Atlas) shows no terrestrial GDE's located within EL 6664. Only low potential GDE areas (from National assessment) exist, see Figure 4.

Additionally, salinity levels in all aquifers are considered too high for stygofauna. South Australian Stygofauna typically require salinity to be less than 1500 µS/cm EC.

Is the proposed program located within a prescribed wells area or prescribed water resource area? If yes, provide the name of the area.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Provide any additional information, if required.

EL 6664 is located to the north of the County Musgrave Prescribed Wells Area (approximately 3km from the southern boundary). From <https://map.sarig.sa.gov.au/>

Native vegetation

Will you be working within areas of native vegetation? If yes, provide the following information: <ul style="list-style-type: none"> description of the formation and structure of vegetation in the area (e.g. woodland, shrubland, grassland) list of the dominant species. If no, indicate why you will not be working within areas of native vegetation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Drilling will predominantly take place along paddock edges and any interaction with native vegetation will be minimised where possible. Some drilling will take place within native vegetation zones. Within the northern most native vegetation area (see Figure 12) the drillholes not along existing tracks are classified as secondary. Access to these secondary holes will be assessed before the drill rig is on site. If these holes are deemed to be inaccessible, no entry will occur.		
The predominant remaining uncleared vegetation type within EL 6664 is Eucalyptus Mallee forest and mallee woodlands on the plains and outcropping calccrete areas. The dominant species within these zones are Eucalyptus diversifolia ssp., Eucalyptus leptophylla, over Melaleuca uncinata and Melaleuca lanceolata.		
Mid mallee woodland over Melaleuca uncinata tall shrubland exists along the dune systems, which contains predominantly Eucalyptus incrassata, Eucalyptus socialis ssp.		
Regionally there are several small isolated patches of Melaleuca shrubland (Melaleuca uncinata over Babingtonia behrii), tussock grassland (Austrostipa sp. mid open tussock grassland over Avena barbata) and Callitris forest and woodland (Callitris gracilis over Austrostipa sp) that have been identified (see Figure 10), but none within the E-PEPR application area.		

Significant habitats and flora

If you are working within areas of native vegetation, use the table below to list any significant habitats and any rare or endangered flora 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/habitat	Common name	NPW Act rating*	EPBC Act rating†
<i>Acacia rhetinocarpa</i>	<i>Neat Wattle, Resin Wattle (SA) (known to occur in area)</i>	<i>Vulnerable</i>	<i>Vulnerable</i>
<i>Caladenia tensa</i>	<i>Greencomb Spider-orchid, Rigid Spider-orchid (may occur)</i>		<i>Endangered</i>

Exploration PEPR application – 12-month period

<i>Limosella granitica</i>	Granite Mudwort (may occur)		Vulnerable
<i>Prostanthera calycina</i>	West Coast Mintbush, Limestone Mintbush, Red Mintbush (known to occur within area)		Vulnerable
<i>Pterostylis xerophila</i>	Desert Greenhood (may occur)	Vulnerable	Vulnerable
<i>Swainsona pyrophila</i>	Yellow Swainson-pea (may occur)	Rare	Vulnerable

* National Parks and Wildlife Act 1972 (NPW Act) conservation status includes extinct, endangered, vulnerable, threatened and rare.

† Environment Protection and Biodiversity Conservation Act 1999 (Cth) (EPBC Act) listings include extinct, extinct in the wild, critically endangered, endangered, vulnerable and conservation dependent.

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*).

<p>A search through Nature Maps identified the following introduced species,</p> <ul style="list-style-type: none"> • Cape Weed (<i>Arctotheca calendula</i>) • Common Sow-thistle (<i>Sonchus oleraceus</i>) • Turnip Weed (<i>Rapistrum rugosum</i>) • Smooth Mustard (<i>Sisymbrium erysimoides</i>) • Bearded Oat (<i>Avena barbata</i>) • Great Brome (<i>Bromus daindrus</i>) • Annual Veldt Grass (<i>Ehrharta longiflora</i>) • Blue Barley-grass (<i>Hordeum glaucum</i>) • Little Medic (<i>Medicago minima</i>) • Hop Clover (<i>Trifolium campestre</i>) • Bridal Creeper (<i>Asparagus asparagoides</i>) • Bastard Fumitory (<i>Fumaria bastrdii</i>) • Pimpernel (<i>Lysimachia arvensis</i>) • Eucalyptus gomphocephala
--

Fauna

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

<p>Searches were done using; The Atlas of Living Australia, Nature Maps and Protected Matters Search Tool over the drill area (and a 5km radius). Noted were recordings of 2 vulnerable species, the Malleefowl and the Yellow tailed Black Cockatoo, (see Figure 8), but only the Yellow Tailed Black Cockatoo has been sighted in the E-PEPR application area.</p> <p>Other listed species were categorised as 'may occur' and 'known to occur in the area'.</p> <p>Feral fauna in the area may include pigeons (<i>Columba livia</i>), sparrows (<i>Passer domesticus</i>), starlings (<i>Sturnus vulgaris</i>), blackbirds (<i>Turdus merula</i>), domestic dogs and cats, mice (<i>Mus musculus</i>), European rabbits and foxes.</p>
--

Significant fauna

Where possible, using the table below, list any rare or endangered 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	Common name	NPW Act rating	EPBC Act rating
<i>Zanda funerea whiteae</i>	Yellow-tailed Black Cockatoo (observed in EL 6664)	Vulnerable	
<i>Leipoa ocellata</i>	Malleefowl (observed in EL 6664)	Vulnerable	Vulnerable
<i>Aphelocephala leucopsis</i>	Southern Whiteface (may occur)		Vulnerable
<i>Calidris acuminata</i>	Sharp-tailed Sandpiper (may occur)		Vulnerable
<i>Calidris ferruginea</i>	Curllew Sandpiper (may occur)		Critically Endangered
<i>Falco hypoleucos</i>	Grey Falcon (may occur)		Vulnerable
<i>Neophema chrysostoma</i>	Blue-winged Parrot (may occur)	Vulnerable	Vulnerable

Exploration PEPR application – 12-month period

Numenius madagascariensis	Eastern Curlew, Far Eastern Curlew (may occur)	Vulnerable	
Pedionomus torquatus	Plains-wanderer (may occur)	Endangered	Vulnerable
Stagonopleura guttata	Diamond Firetail (may occur)	Vulnerable	Vulnerable
Sternula nereis nereis	Australian Fairy Tern (known to occur in area)		Vulnerable
Sminthopsis psammophila	Sandhill Dunnart (likely to occur)	Vulnerable	Endangered

Note: NPW Act conservation status includes extinct, endangered, vulnerable, threatened and rare.
 EPBC Act listings include extinct, extinct in the wild, critically endangered, endangered, vulnerable and conservation dependent.

Environmentally sensitive locations

Are there any environmentally sensitive locations within or close to the proposed exploration area (e.g. areas having particular ecological, cultural, scientific, aesthetic or conservation value)? If yes, provide a description of identified environmentally sensitive location(s). Mark these areas on a locality plan to identify any areas of conflict so that access roads or other activities can be planned and located effectively.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<p>Uncontitchie Hill is a domed granite inselberg that rises to a height of 37 metres above the surrounding plain (to 125masl), it is listed as a geological monument (see Figure 3).</p> <p>Other outcropping granites exposures, Cocota Hill, Pordia Hill, Kolballa Hill and Mt Damper occur in EL 6664.</p> <p>Andromeda has placed a exclusion zone of 1km radius around Cocata Hill which is within the E-PEPR application area.</p>		
Are you likely to impact on the environmentally sensitive area? If yes, detail the likely effects the proposed program may have.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<If yes, include text>		
Include a statement concerning whether or not an Aboriginal heritage survey has been conducted by the proponent and if so, the results of the survey.		
None undertaken.		

SECTION D – DESCRIPTION OF PROPOSED EXPLORATION OPERATIONS

Each of the elements listed below must be described only to the extent that they apply to the proposed exploration program.

Equipment and personnel requirements

Using the table below, describe the equipment, size and composition of field crews, and proposed working hours/days required to conduct the proposed program.

Type of personnel	Number	Name of contractor company (if applicable)	
Geologists	3	Andromeda Metals	
Land access/environmental			
Field assistants/technicians	1	Andromeda Metals	
Drilling crew	3	McLeod Drilling	
Site preparation and rehabilitation			
Other (provide details)		<Include name and contact details here.>	
Shifts worked per day	Hours worked per day	Days worked per week	
1	12	7	
Equipment type	Owner/operator	Description/capacity	Activity/purpose
2 x Land Cruiser tray back utes	Andromeda	Light vehicle for logging/ sample management/ rehabilitation	drill chip logging/ sample management/rehabilitation
1 x tandem trailer	Andromeda	2T tandem trailer	Sample transport and rehabilitation
1 x AC/slimline RC drill rig	McLeod Drilling	MD1 Almet drill rig mounted on a 6x6 Land Cruiser ute	AC/Slimline RC drilling (see Photograph 1 of Section G)
1 x Support ute	McLeod Drilling	Sullair compressor mounted on a 6x6 Land Cruiser ute	Provides compressed air to MD1 drill rig
1 x Land Cruiser tray back ute	McLeod Drilling	Support/Crew vehicle	Transport for Drilling crew.

Exploration PEPR application – 12-month period

Provide any additional information, if required.

<Include text here.>

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)? If yes, describe each type of low impact operations proposed.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<Include text here.>		

Drilling activities

Will exploration drilling activities be conducted? If yes, fill out the below table	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
---	---	-----------------------------

Tenement	Drilling type	Maximum number of drillholes	Maximum drillhole depth (m)	Maximum number of sumps required at each site	Maximum size of sumps (length x depth x width) (m ³)	Average size of each drill pad* (m ²) (no excavation required)	Number of sites requiring pad excavation	Average volume (m ³) of material to be excavated (excluding sumps)
6664	AC	77	60	0	N/A	10m x 8m=80m ²	0	0
TOTAL	AC	77	77 x 60m =4,620m	0	N/A	80m² x 77 =6160 m²	0	0

Total number of drillholes (add each row to calculate the total).

Total metres proposed (maximum number of holes x average depth for each row, then add each row to calculate the total).

Total number of sumps (maximum number of sumps x drillsites for each row, then add each row to calculate the total).

Total volume of sumps (maximum size of sumps x number of sumps for each row, then add each row to calculate the total).

Total area of disturbance (number of holes x average size for each row, then add each row to calculate the total).

Total number of pads requiring excavation (add each row to calculate the total).

Total volume of material to be excavated (number of sites requiring excavation x average volume for each row, then add each row to calculate the total).

* The footprint includes all areas of disturbance associated with the drillsite.

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.

Wherever possible, drill sites will be located on cropped land rather than areas of native vegetation. Drill collars will be moved to avoid clearance of vegetation and will take advantage of natural clearings. Where necessary, tree limbs will be trimmed with a chainsaw to facilitate drill site access/working space for the drill rig. Vegetation trimming will be limited to as little as is necessary to gain access. Drillholes that are planned for vegetated areas will be assessed several days before entry to ensure access is possible. If vegetation is deemed inaccessible no exploration will occur.

Secondary drillholes within the vegetated area in Section 30 are highlighted in **Figure 12**.

No site levelling will be required.

No digging of sumps will be required.

Drillhole construction and decommissioning

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 No

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.

AC/slimline RC drillholes will be constructed with 77 mm – 87 mm blade and slimline RC hammer. Drillholes will terminate in the PDG (partially decomposed granite); maximum depth of approximately 60m is expected. Up to 3 m of 100 mm PVC casing will be installed with a blade where necessary, though previous drilling suggests this will not be necessary. Casing will not be cemented and will be removed at the end of each drillhole using the drill head.

Drillholes will be backfilled with overburden cuttings upon completion.

The Operator's preferred equipment is McLeod Drilling's Land Cruiser-mounted MD1 Almet drill rig (refer Photograph 1) due to its compact footprint, low weight and consequent low impact.

The driller will be Class 1.

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.

Overburden material is generally returned downhole immediately or within 1 day following the completion of drillholes. Drill samples from the first 1-2 metres are replaced at surface.

Holes will be backfilled in compliance with "Earth Resources Information Sheet M21 Mineral Exploration Drillholes – General specifications for construction and backfilling".

Samples unable to be returned downhole will be removed from site and disposed of at the Streaky Bay Waste Transfer and Recovery Centre, 28964 Flinders Highway, Streaky Bay SA 5680 or the Wudinna Refuse Site, 34 Dubois Rd, Wudinna.

Drillholes which penetrate no aquifer or a single unconfined aquifer at most, will be backfilled with stockpiled overburden cuttings (or infill sand if required, supplied by local contractors and confirmed to be free of weeds etc. from other landholdings) as per M21, as shown in **Figure 1** below. Native soil will be replaced from >0.3m below ground level, crowned at surface to prevent ingress of surface water and subsidence and to encourage rapid regeneration of vegetation.

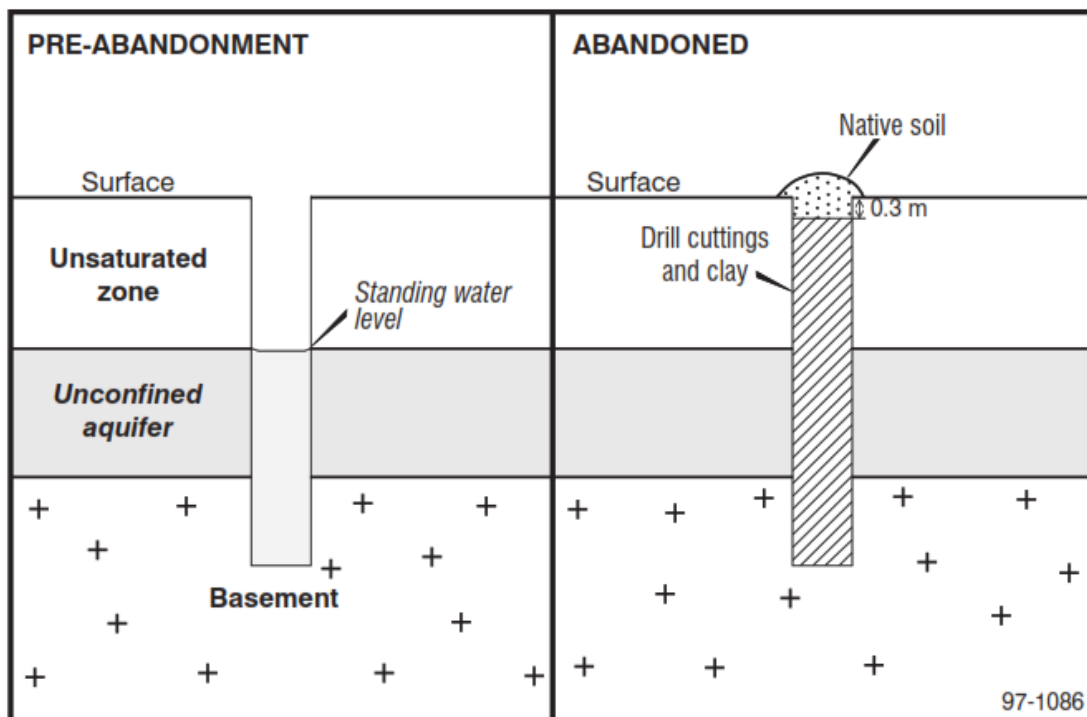


Figure 1. Diagram of backfilling drillholes which penetrate a single, unconfined aquifer. Source: M21: Mineral Exploration Drillholes - General specifications for construction and backfilling

Where confined or artesian conditions are expected, include a schematic diagram demonstrating how drillholes will be constructed and decommissioned

Costeans and bulk sample disposal pits

Will costeans/bulk sample disposal pits be required for the proposed program? Yes No
If yes, fill out the table below.

Exploration PEPR application – 12-month period

Tenement	Number of costeans/pits	Size of costean (length x width) (m ²)	Average depth (m)	Volume excavated (m ³)	Total volume excavated (m ³) (number of costeans/pits x volume)	Total area of disturbance* (length x width) (m ²)
						<i><Tab to add rows.></i>
TOTAL						

Total number of costeans/pits (add each row to calculate the total).

Total volume of material to be excavated (add each row to calculate the total)

Total area of disturbance (number of costeans/pits x area of disturbance for each row, then add each row to calculate the total).

*Includes storage of excavated material at the site (e.g. topsoil and subsoil segregation).

Costeans and bulk sample disposal pit preparation

If costeans/bulk sample disposal pits are required, describe site preparation methods, vegetation clearance, and safety and maintenance requirements.

N/A

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).

Plastic sheeting will be placed beneath all rigs for all drilling.

There will be no bag farms on site from any drill programs and all holes will be rehabilitated as soon as possible, (in previous drill programs this has been completed within a day or 2 of completion of the drillhole).

All samples will be stored at the companies Streaky Bay pilot plant.

On the completion of each hole drill cuttings will be used to backfill the hole (assuming no aquifers have been intersected). Excess drill cuttings will be removed from site on the completion of each individual drill program and taken to an EPA approved waste facility for disposal.

AC/slimline RC samples (cuttings) of approximately 7 – 10kg size will be collected from a cyclone off the sample delivery hose for every metre of drilling and contained in UV-stable green plastic bags. Samples from the target kaolinised zone are to be retained.

Exploration PEPR application – 12-month period

Access routes to work areas

Will existing tracks require upgrading and/or maintenance? If yes, detail the work required to upgrade/maintain existing tracks.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
From past experience working within this area with the same equipment, the requirement to upgrade and/or repair tracks is not anticipated. However, if any track damage does occur through drill vehicle movements, maintenance will be organised to repair the damage. Maintenance in the past at the GWKP has been completed by local contractor, RI & LA Montgomerie Pty Ltd, following consultation with landowners.		
Will access be required across adjoining tenements? If 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.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<If yes, include text here.>		
Will access off existing tracks be required? If yes, detail the method(s) for gaining access and if vegetation clearance is required. Include 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).	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Access will preferentially be along existing farm or fenceline tracks with the creation of new tracks minimised where possible. Where preparation is necessary to access drill sites these will be done to minimise the amount of vegetation removal and disturbance to the environment and in consultation with the landowner.		
Tracks will be single vehicle width and established after consultation with the respective landowners. Staff and contractors will be constrained to the single track with firm instructions to keep to the established tracks included in site induction material.		
Any significant compaction along the wheel tracks will be rehabilitated in consultation with the landowners.		
From the May 2022 drill program, fenceline tracks across sand dunes required raking to flatten the wheel ruts. In future, sand dune crossing will be minimised by driving along interdunal corridors where clay content is higher (as per M33-Statement of environmental objectives and environmental guidelines for mineral exploration activities in South Australia). This will reduce the vehicle impact that needs to be rehabilitated that is required to reduce the likelihood of future wind erosion.		
Drilling within vegetated areas will be avoided where possible but some drilling will take place within areas of native vegetation. Drill sites and access tracks will take advantage of natural clearings, with chainsaw usage restricted to the trimming of branches where required (as per M33). In the week prior to drilling the proposed routes will be mapped by the Geologist in order to identify the path of least impact, particularly with respect to fauna habitats. Sensitive areas or obstacles such as significant trees (>1.5 m height) will be avoided. Previously in the region Andromeda has successfully used this method to access most planned drill sites within native vegetation. Within the northern most native vegetation area (see Figure 14) for simplicity, drillholes that are not located along the existing track are classified as secondary, if these holes can not be accessed by the method described above they will not be drilled.		
New access tracks will be single vehicle width, approximately 2.5 m wide. Passing bays will be established opportunistically where natural clearings permit. Loops on tracks will be established only where necessary to facilitate turning and light vehicles towing trailers. Three-point turns will be used for light vehicles. The construction of all and any tracks will be undertaken with the objective to cause the least impact to remnant vegetation whilst allowing the Operator to carry out the proposed work.		
New drillsite access tracks across previously cleared areas (paddock or paddock edges) will total 9.4km.		
Separately, secondary access tracks within Section 30 total 5.3 km in length. These tracks through the vegetated area will be assessed before entry, and depending on Andromeda's assessment may not be utilised, see Figure 12.		

Indicate planned access routes on a locality plan and distinguish between existing and proposed new access tracks and drill lines (including fence lines).

Campsites, storage and equipment laydown areas

Using the tables below, provide a description of campsites and/or laydown areas required. Indicate the campsite and laydown area on a locality plan.

Campsite details		
Indicate where staff and contractors will be accommodated during the exploration program.		
Wudinna is the closest town where accommodation and facilities are available, located 34km to the north-east from the Chairlift prospect via Ucontitchie Rd, an unsealed dirt road maintained by Wudinna District Council (see Figure 3). Accommodation will be at the Wudinna Hotel - Motel which has facilities suitable for exploration personnel.		
What is the maximum number of personnel requiring accommodation?	6	
Is a campsite required to be established? If no, no further information is required.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Provide a description and justification of the camp location (e.g. previously cleared areas etc.), and any other relevant information.		

Exploration PEPR application – 12-month period

<Include text here.>		
What will be the total area (ha) of the campsite(s)?		ha
What will be the total area (ha) of vegetation clearance for the campsite?		ha
If vegetation clearance is required, describe the methods used to prepare the site.		
<Include text here.>		
Will any excavations be required? If yes, describe the purpose of the excavation and the maximum volume (m ³) of material to be excavated.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<Include text here.>		
Are the proposed ablution facilities endorsed/approved for use by the Department of Health or local council, where applicable? If no, indicate why.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
N/A		
Proposed infrastructure (includes caravans, tents, offices, hydrocarbon and water storage requirements etc)	Quantity	Description/capacity
		<Tab to add rows.>

Laydown area details		
Will laydown areas be required? If no, no further information is required.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Will the laydown area(s) be located at the same location as the campsite? If no, has the location(s) been discussed with the landowner?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
A very small area is required for the drill rig laydown area, for a refuelling site where the trailer can be stored as well as any excess drill rods, that aren't required to travel to each drillsite. This will be situated in the same location as previous years drill programs, see Figure 11. The landowner has verbally agreed to Andromeda again using this area as a laydown location.		
What will be the maximum area (ha) required for the laydown area(s)?		0.04ha
What will be the total area (ha) of vegetation clearance for the site?		0ha
If vegetation clearance is required, describe the methods used to prepare the site.		
No vegetation clearance is required.		
Will any excavations be required? If yes, describe the purpose of the excavation and volume (m ³) of material to be excavated.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<Include text here.>		
Proposed infrastructure (includes hydrocarbon and water storage requirements)	Quantity	Description/capacity
Trailer mounted diesel tank	1	Driller's fuel cell stored on a tandem trailer or support vehicle.
IBC (1000L)	1	IBC for water storage
Drill rods	<20	Temporary storage of excess drill rods.
Trailer mounted 1000L Fire fighting unit	1	Andromeda fire fighting unit
Provide a description and justification of the location (e.g. previously cleared areas), and any other relevant information if required.		

Other exploration methods and/or ancillary operations

Are any other proposed exploration methods (e.g. seismic) and/or ancillary exploration operations required? If yes, describe the activity(s), site preparation, vegetation clearance, and safety and maintenance requirements.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<If yes, include text here.>		

Exploration PEPR application – 12-month period

Water supply and management

Will camp and/or drilling water be required? If yes, describe how and where water will be sourced for drilling, track maintenance and camping purposes (e.g. groundwater, surface water, mains). Provide details on the volume of water required and how wastewater or runoff water will be managed.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
A small supply of fresh water is required for injection during AC drilling. This will be sourced from mains water off site, at accommodation at Wudinna. Any groundwater intercepted during drilling will be contained in a 1000L plastic tub placed beneath the sampling cyclone and pumped into an IBC for discharge at either of the following locations: Andromeda's Streaky Bay pilot plant sump or the Wudinna refuse site. The pilot plant sump is periodically emptied by a liquid waste management truck to the Streaky Bay Refuse Centre.		
Will surface water and/or mineral drillholes be used as a water source/supply? If 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. If a licence is required and has been obtained please attach a copy. Where a licence has not been obtained, include a statement confirming that a licence will be obtained before the extraction and/or usage of water.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<Include text here.>		

Groundwater and drilling investigation activities

Will any water bores be required and/or water investigation activities (e.g. pump testing, water monitoring sites, water storage, turkey nests/dams) be conducted? If yes, describe the water drilling and investigation activities, including site preparation, vegetation clearance, and safety and maintenance requirements.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Indicate if well permits have been obtained and whether or not a water extraction licence is required in accordance with the Landscape South Australia Act 2019. If yes, attach a copy of the permit(s)/licences. If no, provide a statement confirming that permits/licences will be obtained prior to commencement of water investigation activities.		

Water affecting activities

Will any water affecting activities, other than drilling a water well, be undertaken (refer to s. 127 of the Landscape South Australia Act 2019)? If yes, attach a copy of the permit. If a permit has not been obtained, provide a statement confirming that a water affecting activity permit(s) will be obtained and provide a description of the site preparation, vegetation clearance, and safety and maintenance requirements.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<If yes, include text here.>		

Management of hazardous materials

Will activities be conducted in areas of known uranium and thorium mineralisation? If yes, attach a Radiation Management Plan and confirmation of endorsement of the plan by the Environment Protection Authority South Australia (EPA).	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Will any other hazardous material be encountered when exploring in the area? If yes, list the types of hazardous materials and provide a management plan on how these materials will be managed.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
N/A		

Rehabilitation

Detail all the activities and strategies relating to the remediation of impacts associated with the proposed exploration operations. Completion of rehabilitation must be achieved within 3 months after the expiry of this PEPR. Rehabilitation will be completed as soon as possible by removing the drill spoil contained on the plastic sheeting by tipping it back downhole along with any drillspoil that is not required. The expectation is that no more than one to two holes will be open at any one time but an allowance for a maximum of five open holes (five hours/half work day) has been allowed for budgeting purposes. In the case that not all excess drill spoil cannot be returned down the drillhole it will be removed from site and disposed of at the Wudinna Refuse Site (or the Streaky Bay Waster Transfer station), along with used ground-sheeting and other industrial waste.
--

Exploration PEPR application – 12-month period

Detail all the activities and strategies relating to the remediation of impacts associated with the proposed exploration operations.

Completion of rehabilitation must be achieved within 3 months after the expiry of this PEPR.

Topsoil (in metre bag numbers 1 and possibly 2) will be replaced from >0.3m below ground level, crowned at surface to prevent ingress of surface water and subsidence and to encourage rapid regeneration of vegetation.

Drill sites are then lightly scarified, with redistribution of plant matter to encourage revegetation. Some raking of the edges of vehicle tracks may be required but owing to the fact that we're accessing drill sites by established farm tracks it is not expected.

From the May 2022 drill program, fenceline tracks across sand dunes required raking to flatten the wheel ruts. Andromeda used this learning and avoided in the 2023 and for this application (where possible) sand dune crossing by driving within valleys where clay content is higher. All access routes will seek landowners feedback and permission before use.

Drill programs will preferentially be planned around the farmers growing season to minimise impact upon their business.

State the estimated budget required to rehabilitate impacted sites.

Andromeda's standard practice is to progressively rehabilitated AC drill sites throughout the drill program. Only two days are expected to be required to backfill any remaining hole, remove remaining green bags, finalise drill pad rehabilitation and scarify access tracks.

Progressive rehabilitation allows for five open drillholes.

Allowed for budget is \$2,500.

Vegetation Clearance

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

Yes

No

If yes, provide a description of the vegetation present in the application area, the extent of the proposed vegetation clearance and the likelihood of the presence of threatened flora. Provide this information on a map.

N/A

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.

N/A

SECTION E – LEASE CONDITIONS

Retention leases

Where the retention lease includes specific conditions that are not environmental outcomes, demonstrate where these have been addressed in the PEPR (if relevant) or demonstrate how otherwise they have or will be complied with.

N/A

SECTION F – MANAGEMENT OF ENVIRONMENTAL IMPACTS

Use the table below (instructions provided) to identify all of the potential environmental, social and economic impact events that are likely to occur as a result of the proposed exploration operations, how each of the identified impacts will be managed, and the residual risk, i.e. the level of risk remaining after implementing control and management strategies. Identified potential impact events should be developed based on the aspects of the environment that may be impacted on and the proposed operational details. Potential impact events must have corresponding outcomes and measurement criteria.

Where the terms and conditions of an RL include environmental outcomes, list them (where different) in the table below and complete all sections (ie receptor, potential impacts, control strategies, risk assessment and measurement criteria).

Environmental management – potential impacts/events, outcomes, measurable criteria and monitoring plan

			Likelihood of consequence (LH)				
			1	2	3	4	5
			Rare	Unlikely	Possible	Likely	Almost certain
Severity of consequence (CQ)	A	Insignificant	Low	Low	Low	Low	Low
	B	Minor	Low	Low	Moderate	Moderate	Moderate
	C	Moderate	Moderate	Moderate	High	High	High
	D	Major	High	High	Extreme	Extreme	Extreme
	E	Catastrophic	High	Extreme	Extreme	Extreme	Extreme

How to fill out the table

1. Based on the description of the environment and exploration operations, indicate which potential impacts are applicable to the proposed program. Note that some potential impacts are applicable to all programs.
2. For each applicable potential impact (and corresponding receptor), describe control strategies that will reduce the risk of the potential impact to an acceptable level, and achieve the corresponding environmental outcomes.
3. Conduct an impact assessment to determine if the control strategies address the potential impact (i.e. reduce the risk to an acceptable level). Indicate where there is uncertainty pertaining to the likely effectiveness of the control strategies. Where the risk is not considered low, provide justification that the risk is acceptable, or consider additional strategies to reduce the risk to an acceptable level.
4. For each applicable potential impact, the corresponding outcome and outcome measurement criteria are required.
5. Based on the description of the environment and proposed exploration activities, determine if any other potential impacts are applicable. For each new potential impact, describe proposed control and rehabilitation strategies, conduct an impact assessment, and develop corresponding outcomes and outcome measurement criteria.

Use the above matrix to conduct an impact assessment for each potential impact.

Impact assessment							Outcomes	Outcome measurement criteria (inc. monitoring plan)
Receptor	Potential impacts	Is the potential impact applicable (Yes/No)	Control strategies	Risk assessment				
Lists are not exhaustive.	Lists are not exhaustive.	Some potential impacts are applicable to all programs.	Indicate where there is uncertainty pertaining to the likely effectiveness of the control strategies. Where the risk is not considered low, provide justification that the risk is acceptable, or consider additional strategies to reduce the risk to an acceptable level. – refer to Minerals Regulatory Guidelines MG22 for more information.	LH	CQ	Risk		
Stakeholders: <ul style="list-style-type: none"> • freehold land owners • perpetual lease holders • pastoral lease holders • Aboriginal land (Anangu Pitjantjatjara and Yankunytjatjara and Maralinga Tjarutja lands) • Department of Defence • state government departments. • local government (councils) • federal government • native title parties. 	Interference to: <ul style="list-style-type: none"> • existing or permissible land use (includes loss of income, noise, dust, light and other emissions). • buildings, structures, existing tracks or other infrastructure. • aesthetic values of an area. Noncompliance with legislative requirements.	Yes (Applicable to all programs.)	The Operator has maintained communication with landowners to minimise the disturbance on their agricultural businesses. In particular, this includes planning programs around sowing and harvesting. Where drilling conflicts with the landowners' growing season, landowners will be compensated for the total loss of crop in the affected area, per their respective agreements with the Operator. Drillholes will be situated >400m from infrastructure and dwellings and >200m from water infrastructure points (dams, tanks, sheep troughs) as specified in the Mining Act. Existing farm tracks and fire break tracks will be used to access the work areas. Access tracks for drill sites will be established after consultation with the landowner and as per their instructions. Andromeda's intention is to enter into an agreement within Form 23B with Cocata Nominees Ltd Pty and Kappacoola Park Pty Ltd, which has been discussed with the landowners. No work will occur on land without a agreement in place. To minimise impact on vegetation where access tracks are required to pass through vegetated areas potential access routes will be assessed to choose the route of least impact and where necessary the drill site location modified. Along the track and at the drill site tree branches may require trimming with a chainsaw to facilitate access and safe working space for the drill rigs. The use of MD1 Almet Land Cruiser mounted drill rig with its lighter footprint and smaller dimensions (for exploration and resource modelling purposes) minimises the amount of clearing required and impact on the environment. Any significant compaction from vehicle movement will be rehabilitated in consultation with the landowners. Access tracks for drill sites will be located on harder ground and take advantage of natural clearings wherever possible (and per discussions with landowners), in order to minimise impact. Vehicle speed limits will be imposed to reflect conditions/ landowner requests and the proximity to any infrastructure or stock. Rehabilitation will occur as soon as possible after the completion of drillholes. Drillholes on paddocks will be drilled and rehabilitated first in order to minimise the impact on sowing schedules.	5	A	Low	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.

Exploration PEPR application – 12-month period

Impact assessment						Outcomes	Outcome measurement criteria (inc. monitoring plan)	
Receptor Lists are not exhaustive.	Potential impacts Lists are not exhaustive.	Is the potential impact applicable (Yes/No) Some potential impacts are applicable to all programs.	Control strategies Indicate where there is uncertainty pertaining to the likely effectiveness of the control strategies. Where the risk is not considered low, provide justification that the risk is acceptable, or consider additional strategies to reduce the risk to an acceptable level. – refer to Minerals Regulatory Guidelines MG22 for more information.	Risk assessment LH = likelihood of consequence CQ = severity of consequence				
				LH	CQ			Risk
			Where necessary, the condition of existing farm tracks will be remediated to the satisfaction of the landowner upon completion of the program, as detailed in "Access to Work Areas".					
Stakeholder: DEW	Interference to: <ul style="list-style-type: none"> existing or permissible land use. buildings, structures, existing tracks or other infrastructure. aesthetic values of an area. Noncompliance with legislative requirements.	Yes (Applicable to programs located adjacent to or within parks and reserves.)	No regional reserves, national, conservation and marine parks will be entered.	2	A	Low	<p>For activities located within or adjacent to regional reserves, national, conservation and marine parks only:</p> <ul style="list-style-type: none"> no unauthorised interference with park management activities. 	<p>Provide confirmation that:</p> <ul style="list-style-type: none"> Park access notification forms were submitted to DEW and DEM at least 10 days prior to entry into regional reserves, national, conservation and marine parks, or Program notifications for PEPRs approved for an ongoing period of time, were submitted to DEW and the DEM at least 21 days prior to entry into regional reserves, national, conservation and marine parks.
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.	Yes (Applicable to exploration programs located within or impacting on native vegetation.)	<p>The proposed work areas are predominantly located within cropped paddocks/cleared grazing land.</p> <p>Interaction with native vegetation will be minimised where possible.</p> <p>Some drilling will take place within native vegetation areas, within the northern most zone of native vegetation (within the E-PEPR application area -see Figure 12) the drillholes not along the existing tracks are classified as secondary. Access to these secondary holes will be assessed several days before the drill rig is on site. If these holes are deemed to be inaccessible, no entry will occur.</p> <p>Access tracks will be placed by the Supervising Geologist ahead of the first pass of vehicles, in order to avoid impact to local fauna. Vehicle movements will be along farm access tracks where possible and then will be limited to single vehicle width access tracks to drill sites.</p> <p>The site induction will cover the importance of minimising site disturbance by minimising vehicle movements, restriction to designated work sites, use of designated laydowns/worksites etc. Personal vehicles are not allowed on work sites to minimise traffic and ensure weeds and minimise the risk of weeds and pathogens being brought onto site.</p> <p>Ground that has been significantly compacted will be lightly scarified and/or back graded along the contour to loosen the soil (as per Information sheet M33) to encourage rapid regeneration of vegetation.</p> <p>As a fire-prevention procedure drill sites on farming land will be cleared of stubble. Dry pasture grass will be removed from sites where these present a fire risk. Standard fire-prevention procedures will be followed and equipment requirements met by Andromeda and the drilling contractor. These requirements are:</p> <ul style="list-style-type: none"> availability of a long-handled shovel and rake availability of at least one 20 litre backpack fire-fighting unit availability of at least one 9 litre water-based fire extinguisher natural fire load is cleared for at least 5 metres around the rig communications equipment (mobile telephones / two way radio) to be present at the site at all times, on-site trailer or vehicle mounted firefighting unit with minimum 1000 litre water tank, powered pump, 30 m of hose. immediately call '000' on the outbreak of fire. 	2	B	Low	<p>No permanent loss/modification of native flora and fauna populations and their habitats through:</p> <ul style="list-style-type: none"> clearance fire other <p>unless prior approval under the relevant legislation is obtained.</p>	<p>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:</p> <ul style="list-style-type: none"> The area and method of disturbance is consistent with that described in the PEPR. No uncontrolled fires* occurred as a result of exploration activities. <p>Representative photos to be included within the annual exploration compliance report.</p>

Exploration PEPR application – 12-month period

Impact assessment							Outcomes	Outcome measurement criteria (inc. monitoring plan)
Receptor Lists are not exhaustive.	Potential impacts Lists are not exhaustive.	Is the potential impact applicable (Yes/No) Some potential impacts are applicable to all programs.	Control strategies Indicate where there is uncertainty pertaining to the likely effectiveness of the control strategies. Where the risk is not considered low, provide justification that the risk is acceptable, or consider additional strategies to reduce the risk to an acceptable level. – refer to Minerals Regulatory Guidelines MG22 for more information.	Risk assessment LH = likelihood of consequence CQ = severity of consequence				
				LH	CQ	Risk		
			Andromeda and the drilling contractor acknowledge that, if a fire is started, even if all the conditions of the permit have been followed, the person who lit the fire is still accountable. If grinding and/or welding is to be carried out the equipment that needs repairing will, where possible be undertaken at laydown facilities in Wudinna. Where the equipment needs to be fixed on site as a minimum an area of 10 metres around the cutting, welding or grinding site clear of flammable material, or maintained in a wetted down state for the duration of the activity, screens erected around each cutting, welding or grinding site to prevent the escape of sparks or vehicle mounted firefighting unit powered pump, 30 m of hose with the hose deployed and one or more persons whose sole job is to act as “Fire Spotter”.					
All flora and fauna, especially listed species.	Loss/modification of the environment (biological, social and economic) through the introduction of weeds and pathogens.	Yes (Applicable to all programs.)	All personnel and contractors are inducted prior to commencement of the program. All vehicles before entering the program area including drilling equipment are required to be high pressure cleaned of mud and vegetation. Personnel to use various vehicle washing facilities; Wudinna Carwash or pressure cleaner at the Operator’s Streaky Bay warehouse. Risk of weed introduction to be included in site and visitor induction process. Before vehicles travel between properties they will be visually inspected to ensure that they are clean of mud and vegetation and sprayed with a disinfection/fungicide. A copy of the SA Buffel Grass Strategic Plan 2019 – 2024 will be on the drill site.	2	B	Low	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"> Vehicle logs were kept during the exploration program, demonstrating that all vehicles are clean and free of plant and mud material prior to entering properties[†] within the tenement areas, unless otherwise agreed to with the relevant landowners. Photographic evidence before and during exploration operations and after rehabilitation of disturbed sites was captured, demonstrating that no new weeds and plant pathogens were introduced, nor an increase in abundance of existing weeds recorded.
All fauna	Entrapment of fauna through open drillholes and excavations.	Yes (Applicable to exploration programs that involve drilling and/or require excavations.)	Rehabilitating will occur as soon as practical after the completion of drillholes to minimise the risks of creating a fauna trap. Drillholes will be temporarily plugged between drilling and backfilling if unable to be backfilled immediately. Drillholes will be backfilled with cuttings, clay or cement per <i>M21: Minerals Exploration Drillholes – General specification for construction and backfilling</i> .	2	B	Low	No fauna traps created as a result of exploration activities.	Maintain before, during and after photographic evidence of all drillholes and/or excavations demonstrating that: <ul style="list-style-type: none"> All drillholes were permanently or temporarily capped/plugged immediately upon completion. No fauna and livestock became trapped in drillholes and/or excavations throughout the duration of the program. All rehabilitation was completed within 3 months of expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. Representative photos are to be included within the annual exploration compliance report. Provide the information requested within the ‘Rehabilitation’ section of the annual exploration compliance report.
Aboriginal heritage sites	Disturbance to Aboriginal heritage.	Yes (Applicable to all programs.)	The Aboriginal Heritage Sites document received for the ELA (Exploration Lease Application) for EL 6664 has no sites registered within EL 6664. Staff will be instructed to keep a close look out for any potential sites of significance and if any are thought to be found, the office of Aboriginal Affairs and Reconciliation (DPC) will be notified, as per Section 20 of the <i>Aboriginal Heritage Act (1988)</i> . Andromeda <i>ADN031 Aboriginal Heritage Policy</i> is included in site induction material received by all persons entering work sites. All Andromeda staff have undertaken aboriginal heritage training.	1	B	Low	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: <ul style="list-style-type: none"> Heritage sites were not impacted during the conduct of the exploration program, unless prior approval was obtained under the appropriate legislation. Work ceased on discovery of a significant site and recommenced only after authorisation. Aboriginal heritage sites identified during the exploration program were appropriately recorded and reported to authorities, if not previously known.
European heritage sites and sites of scientific and environmental significance	Disturbance to European heritage sites and sites of scientific and environmental significance (e.g. geological monuments, fossil reserves).	Yes (Applicable to exploration programs located close to or within European heritage sites and sites)	No known sites exist within the drilling area. Before entry enquiries will be made with the relevant landowners to see if, to their knowledge, any sites exist.	1	B	Low	No disturbance to European heritage sites and to sites of scientific and environmental significance unless prior approval under the relevant legislation is obtained.	Demonstrate no impact to heritage sites and sites of scientific and environmental significance by: <ul style="list-style-type: none"> Maintaining evidence, including detailed maps showing sites compared to the location of exploration activities, and photographic evidence of sites before and after the conduct of the exploration program.

Exploration PEPR application – 12-month period

Impact assessment							Outcomes	Outcome measurement criteria (inc. monitoring plan)
Receptor	Potential impacts	Is the potential impact applicable (Yes/No)	Control strategies	Risk assessment				
Lists are not exhaustive.	Lists are not exhaustive.	Some potential impacts are applicable to all programs.	Indicate where there is uncertainty pertaining to the likely effectiveness of the control strategies. Where the risk is not considered low, provide justification that the risk is acceptable, or consider additional strategies to reduce the risk to an acceptable level. – refer to Minerals Regulatory Guidelines MG22 for more information.	LH	CQ	Risk		
		of scientific and environmental significance.)						<ul style="list-style-type: none"> Providing a statement within the annual exploration compliance report confirming sites were not impacted during the conduct of the exploration program.
Soil/vegetation/fauna	Soil/vegetation contamination (e.g. hydrocarbons, rubbish, drill samples/cuttings, ablutions, other sources).	Yes (Applicable to all programs.)	<p>Prior to the commencement of drilling, a safety audit of the rig will be undertaken by an experienced Andromeda staff member, during which hydraulic hoses and fittings will be inspected for serviceability. Light vehicles will be refuelled in town only and drill rigs will be refuelled at the designated laydown area.</p> <p>Plastic ground-sheeting and a 200L plastic tub will be used beneath sampling areas as an above ground sump to contain any intercepted groundwater. Drilling will be halted should significant water be intercepted. The plastic ground sheeting prevents any drill spoil contaminating the environment.</p> <p>All cleaning compounds and hydrocarbons will be contained on support vehicles. Spill kits will be kept on the drill rig and/or drill contractor support vehicles.</p> <p>Heavy plastic RC sample bags (900mm x 600mm) will be kept in vehicles for the disposal of rubbish and any contaminated material. All rubbish will be removed from site daily.</p> <p>Any contaminated soil will be removed and disposed of at an approved EPA facility. The area from where the soil was removed will be rehabilitated.</p> <p>All samples from the kaolinised zone will be removed from site during drilling and stored at the Operator's Streaky Bay warehouse. Drill cuttings from outside the kaolinised zone will be returned downhole as soon as possible after the completion of drillholes.</p> <p>On completion of the program all rubbish associated with drilling (ground-sheeting etc.) will be taken to Streaky Bay Waste Transfer Station or the Wudinna Refuse site</p>	2	B	Low	<p>No contamination of soil and vegetation as a result of exploration activities.</p>	<p>Demonstrate that all domestic or industrial waste (includes general rubbish and hydrocarbons) is disposed of in accordance with the <i>Environment Protection Act 1993</i> within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), and that all fuel and chemicals are stored in accordance with EPA requirements, by providing:</p> <ul style="list-style-type: none"> The name, location and contact details of the authorised waste disposal facility. A statement within the 'Compliance with approved programs' section of the annual exploration compliance report confirming domestic and industrial waste was removed from all exploration sites and disposed of at an authorised waste disposal facility. Photographic evidence within the annual exploration compliance report demonstrating that all fuel and chemical storage facilities were managed in accordance with EPA requirements. <p>Maintain photographs of all exploration sites and provide representative photos within the annual exploration compliance report demonstrating that drill cuttings are:</p> <ul style="list-style-type: none"> removed from site and disposed of at a licensed facility buried under a minimum of 30 cm of soil, or in accordance with EPA guideline, Radiation protection guidelines on mining in South Australia: mineral exploration, available on the EPA website, or backfilled down the drillhole, within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. <p>Provide the information requested within the 'Rehabilitation' section of the annual exploration compliance report.</p>
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).	Yes (Applicable to all programs.)	<p>All vehicles will use existing farm tracks where possible. Tight turns will be avoided, and speed restrictions imposed to minimise soil erosion.</p> <p>Drill sites should not require levelling owing to the relatively flat topography in the proposed work area.</p> <p>Drill sites and access tracks will be lightly scarified in consultation with the landowner where significant soil compaction is deemed to have occurred. The use of MD1 Almet Land Cruiser mounted drill rig for AC drilling with its lighter footprint and smaller dimensions minimises the amount of clearing required</p>	3	A	Low	<p>Where soil disturbance occurs as a result of exploration activities, ensure that:</p> <ul style="list-style-type: none"> topsoil quality and quantity is maintained the soil profile and topography is reinstated to original conditions there is no accelerated soil erosion. 	<p>Maintain before, during and after photographic evidence of all excavations, drillsites, camps, laydown areas and new tracks demonstrating that:</p> <ul style="list-style-type: none"> The soil profile and topography is reinstated to original conditions and is consistent with natural surroundings within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. Where required, sufficient topsoil is removed (depending on soil profile), stored separately from subsoil and reinstated (in the correct order) within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. There are no signs of accelerated soil erosion during and post rehabilitation of disturbed sites. <p>Representative photos to be included within the annual exploration compliance report.</p> <p>Provide the information requested within the 'Rehabilitation' section of the annual exploration compliance report.</p>

Exploration PEPR application – 12-month period

Impact assessment						Outcomes	Outcome measurement criteria (inc. monitoring plan)	
Receptor	Potential impacts	Is the potential impact applicable (Yes/No)	Control strategies	Risk assessment				
Lists are not exhaustive.	Lists are not exhaustive.	Some potential impacts are applicable to all programs.	Indicate where there is uncertainty pertaining to the likely effectiveness of the control strategies. Where the risk is not considered low, provide justification that the risk is acceptable, or consider additional strategies to reduce the risk to an acceptable level. – refer to Minerals Regulatory Guidelines MG22 for more information.	LH	CQ			Risk
Surface water	Alteration to surface water – interference to surface drainage.	Yes (Applicable to exploration programs that are likely to impact on surface drainage channels.)	Move drill sites to avoid modification of existing drainage. Light scarification across any compacted areas to control excessive run off during rainfall events.	3	A	Low	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.	
Groundwater/aquifer	Groundwater contamination: <ul style="list-style-type: none"> contamination of aquifers through entry of pollutants from the surface interconnection between aquifers degradation of natural hydrostatic conditions (maintain pre-drilling pressures). 	Yes (Applicable to all exploration programs that may intersect groundwater.)	Drillholes will not be used for disposal of any unwanted hydrocarbons or chemicals by having designated waste disposal bin on the vehicles. Drillholes will be backfilled as soon as possible after completion to prevent contamination from surface. Historical records (and experience within similar terrains at GWKP) suggest that any aquifers encountered will be low yielding (seepage only), so are extremely unlikely to cause cross pollution of aquifers. Exploration drilling will utilise slimline RC for pre-collars to get through the hard calcrete and silcrete at the top of holes (if required) and aircore tails to sample the targeted kaolin. On reaching the top of the granite basement the holes are stopped by bit refusal. Holes will be backfilled as per M21: Mineral Exploration Drillholes - General specifications for construction and backfilling.	1	B	Low	Drillholes restored to controlling geological conditions that existed before the hole was drilled or, where it is intended to re-enter the hole, the hole must be completed with casing of adequate strength and the casing cemented so that all aquifers are isolated to prevent the movement of any fluids behind the casing. Maintain evidence demonstrating that drillholes are decommissioned in accordance with Earth Resources Information Sheet M21, Mineral exploration drillholes – general specifications for construction and backfilling , and/or specific conditions from DEW (Groundwater) within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. Provide the information requested within the 'Groundwater' section of the annual exploration compliance report.	
Soil/vegetation/fauna	Discharge of groundwater into the surrounding environment.	Yes (Applicable to all exploration programs that may intersect groundwater or where activities require the discharge of groundwater into the surrounding environment.)	Plastic ground-sheeting and several 200L plastic tubs will be used on drill sites to prevent discharge of groundwater into the environment. Drilling operations will cease should significant water be encountered to ensure that no groundwater escapes beyond (containment at) the drill site.	2	B	Low	No discharge of groundwater outside of the exploration site (e.g. drillsite) into the surrounding environment and no discharge of water into a watercourse, unless prior approval under the relevant legislation is obtained. Maintain photographic evidence of all drillsites demonstrating that groundwater was not discharged into the surrounding environment, unless water affecting activity permits were obtained allowing the discharge of groundwater into watercourses and/or lakes. Representative photos and water affecting activity permits (where applicable) to be included within the annual exploration compliance report.	
Groundwater users	Interference to existing water users when extracting water from existing dams, water bores or mineral drillholes.	No (Applicable to all exploration programs that may require the use of water from existing dams, water bores or mineral drillholes.)	No water will be obtained from existing dams, water bores or mineral drillholes for drilling purposes.				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.	
Soil/vegetation/fauna	Degradation of rehabilitated access tracks caused by third party access (includes previously closed and rehabilitated access tracks).	Yes (Applicable to exploration programs that create new access tracks.)	Access will be across pre-existing tracks where possible. All new access tracks will be decommissioned and rehabilitated at the end of the work program, as per Earth Resources Information Sheet M33: Statement of environmental objectives and environmental guidelines for mineral exploration activities in South Australia. If any tracks are damaged they will be rehabilitated as per Information Sheet M33: e.g. lightly scarify where appropriate.	2	A	Low	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.	
Community/landowners	Damage to infrastructure and loss of income through fire.	Yes (Applicable to all programs.)	The CFS website will be monitored before and during the program As a fire-prevention procedure (see below) drill sites on farming land will be cleared of stubble. Dry pasture grass will be removed from sites where these present a fire risk.	2	B	Low	No loss of infrastructure or income through fire as a result of exploration activities. Provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report confirming that no uncontrolled fires* occurred.	

Exploration PEPR application – 12-month period

Impact assessment						Outcomes	Outcome measurement criteria (inc. monitoring plan)	
Receptor Lists are not exhaustive.	Potential impacts Lists are not exhaustive.	Is the potential impact applicable (Yes/No) Some potential impacts are applicable to all programs.	Control strategies Indicate where there is uncertainty pertaining to the likely effectiveness of the control strategies. Where the risk is not considered low, provide justification that the risk is acceptable, or consider additional strategies to reduce the risk to an acceptable level. – refer to Minerals Regulatory Guidelines MG22 for more information.	Risk assessment LH = likelihood of consequence CQ = severity of consequence				
				LH	CQ			Risk
			<p>Standard fire-prevention procedures are followed and equipment requirements met by Andromeda and the drilling contractor. These requirements are for:</p> <ul style="list-style-type: none"> •fire extinguishers to be fitted to rig and all support vehicles •availability of a long-handled shovel and rake •availability of at least one 20 litre backpack fire-fighting unit or at least one 9 litre water-based fire extinguisher •on-site trailer or vehicle mounted firefighting unit with minimum 1000 litre water tank, powered pump, 30 m of hose. •communications equipment (mobile telephones / two-way radio) to be present at the site at all times, •immediately call '000' on the outbreak of fire. <p>Specific to land that is used for cropping or where vegetation cannot be adequately cleared Andromeda's policy aligns with the conditions governing grain harvesting Fire Behaviour Index -for harvest and vehicle movement, which is the recommended rating for ceasing operation upon paddocks with high fuel loads;</p> <ul style="list-style-type: none"> •on days the Fire Behaviour Index (FBI) is expected to exceed 40 the Operator will cease work operation of machinery and vehicles •FBI to be calculated by a local committee or using the Aurora Fire Behaviour calculator https://aurora.landgate.wa.gov.au/fbc/#/ (see Figure 2, screenshot of aurora FBI in section H) <p>Specific to grazing land and areas of natural vegetation where fuel loads can be minimised;</p> <ul style="list-style-type: none"> •no drilling will be undertaken on catastrophic fire ban days and no work that may create sparks on fire ban days •natural fire load is cleared using a whipper snipper or equivalent for at least 5 m around the rig and dry grasses raked to the edge of the clearing •drilling to only be undertaken after a site access and drill site hazard analysis has been undertaken and work deemed safe to commence <p>If grinding and/or welding is to be carried out the equipment that needs repairing will be moved to a site (e.g. bit sharpening and repairs) that meets the following requirements:</p> <ul style="list-style-type: none"> •An area of 10 metres around the cutting, welding or grinding site clear of flammable material, or maintained in a wetted down state for the duration of the activity •On-site trailer or vehicle mounted firefighting unit with minimum 1000 litre water tank, powered pump, 30 m of hose. •One or more persons whose sole job is to act as "Fire Spotter" •Notify the appropriate SACFS Regional HQ of work location on a day of Total Fire Ban <p>Andromeda and the drilling contractor acknowledge that, if a fire is started, even if all the conditions of the permit have been followed, the person who lit the fire is still accountable.</p> <p>All Andromeda work sites are smoke free.</p>				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.	
General public	Injury or death to members of the public as a result of exploration activities.	Yes (Applicable to all programs.)	<p>Visitor inductions are mandatory for members of the public visiting Andromeda worksites.</p> <p>As part of the induction drillers will be informed that active drilling will stop when unannounced public are on site.</p> <p>Signage will be placed away from drill rigs along the access track advising no unauthorised entry and the mandatory PPE required to enter the site.</p> <p>Maximum speed limit around worksites is restricted to 10km/h</p>	1	E	High	<p>No accidents involving the public that could have been reasonably prevented by the licensee.</p> <p>Provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report confirming no accidents occurred involving the public during and after the exploration program.</p> <p>If an accident involving the public did occur, provide a copy of the independent investigation report within the annual exploration compliance report demonstrating</p>	

Exploration PEPR application – 12-month period

Impact assessment						Outcomes	Outcome measurement criteria (inc. monitoring plan)	
Receptor Lists are not exhaustive.	Potential impacts Lists are not exhaustive.	Is the potential impact applicable (Yes/No) Some potential impacts are applicable to all programs.	Control strategies Indicate where there is uncertainty pertaining to the likely effectiveness of the control strategies. Where the risk is not considered low, provide justification that the risk is acceptable, or consider additional strategies to reduce the risk to an acceptable level. – refer to Minerals Regulatory Guidelines MG22 for more information.	Risk assessment LH = likelihood of consequence CQ = severity of consequence				
				LH	CQ			Risk
			<p>The proposed work area is predominantly private land.</p> <p>To ensure that the risks to all people from motor vehicle use is minimised, drivers must ensure that;</p> <ul style="list-style-type: none"> Vehicles are currently registered and in roadworthy condition Vehicles are only to be used for work activity and not for any non-work activity or as directed by the Manager Drivers comply with all legal requirements for using such vehicles (speed, licence conditions, etc) Vehicle speed is in accordance with road and weather conditions Extra caution taken when towing a trailer Loads are properly secured Vehicles to be cleaned prior to entering public roads to prevent drag out <p>Note that whilst the likelihood of such an incident occurring is rated as rare, the consequence has been rated as Catastrophic, producing a risk ranking of 'High'. This is deemed acceptable by the Operator, given the extremely low likelihood, and the safety measures and level of supervision that will be present at the rig.</p>				that the licensee could not have reasonably prevented the accident through the implementation of precautionary measures.	
General public, employees, contractors and the environment	Contamination of the environment when exploring for known uranium and thorium deposits. Public and employee/contractor exposure to low level radiation.	No (Applicable to exploration programs located within known uranium or thorium deposits.)	Drilling within the general area in the past has shown no known sources of exposure to low level radiation.	2	A	Low	<p>No increase in background radiation levels, and employee/contractor exposure levels during the exploration program are within safe limits.</p> <p>Maintain a database and provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report demonstrating that:</p> <ul style="list-style-type: none"> Radiation levels post exploration and rehabilitation are consistent with pre-existing background levels. Employee and contractors exposure levels were within safe limits during the exploration program. 	
Other (if applicable)								

* Uncontrolled fires = fires that escape outside of the work area (e.g. drillsite).

† Properties = freehold (cropping and grazing land); perpetual/pastoral lease land; council land; regional reserves; national, conservation and marine parks; Aboriginal land; Commonwealth land etc.

SECTION G - OPERATOR CAPABILITY

Provide information demonstrating that the tenement holder and operator (where applicable) has the capability to conduct the program in a manner that consistently ensures ongoing achievement of the environmental outcomes. This may be demonstrated within the PEPR by providing an overview of the following:

- Manuals or standard operating procedures that outline the safe and environmentally sound operation of all critical operations associated with the exploration program that ensure compliance with the PEPR.
- Systems in place to monitor, audit and assess compliance against the criteria approved in the PEPR.
- Systems in place to identify and report any noncompliance with regulatory requirements or relevant environmental outcomes (e.g. measures in place to report incidents in accordance with regulation 79(3)).
- Practices and procedures in place to provide appropriate communication of regulatory requirements to employees and contractors (e.g. induction programs).
- Practices and procedures in place to respond to, and communicate with landowners and external parties on the proposed program and compliance matters (e.g. complaints)

Andromeda Metals is an established exploration company and as such has a full set of policies regarding safe implementing and operating exploration programs.

Please see a list of Andromeda Metals safety documents

Document

Code Document Details

ADN001 Andromeda Metals Ltd Work Health and Safety Management Plan

ADN002 Work Health and Safety Policy

ADN003 Fitness for Work Policy

ADN004 Environmental Policy

ADN005 Drug and Alcohol Policy

ADN006 WHS Consultation and Reporting Policy

ADN007 Training and Induction Policy

ADN008 Light Vehicle Operation Policy

ADN009 Remote Work Policy

ADN010 Hazardous Manual Tasks Policy

ADN011 Hazardous Chemicals Policy

ADN012 Review Policy

ADN013 Risk Register

ADN014 Risk Matrix

ADN015 Hierarchy of Controls Chart

ADN016 Training Register

ADN017 Training and Competency Matrix

ADN018 Hazardous Substances Register

ADN019 Document Review Register

ADN020 Maintenance Register

ADN021 Principal Mining Hazard Management Plan EKJV

ADN022 Emergency Plan EKJV

ADN024 Contractor Induction EKJV

ADN025 Visitor Induction EKJV

ADN026 Smoking Policy

ADN027 Contractor SMS Audit Tool

ADN028 Radiation Management Plan SA

ADN032 Procedure for Discovery of Aboriginal Sites, Objects or Remains

ADN033 Vehicle and Travel Plan

ADN034 Toolbox Meeting Minutes

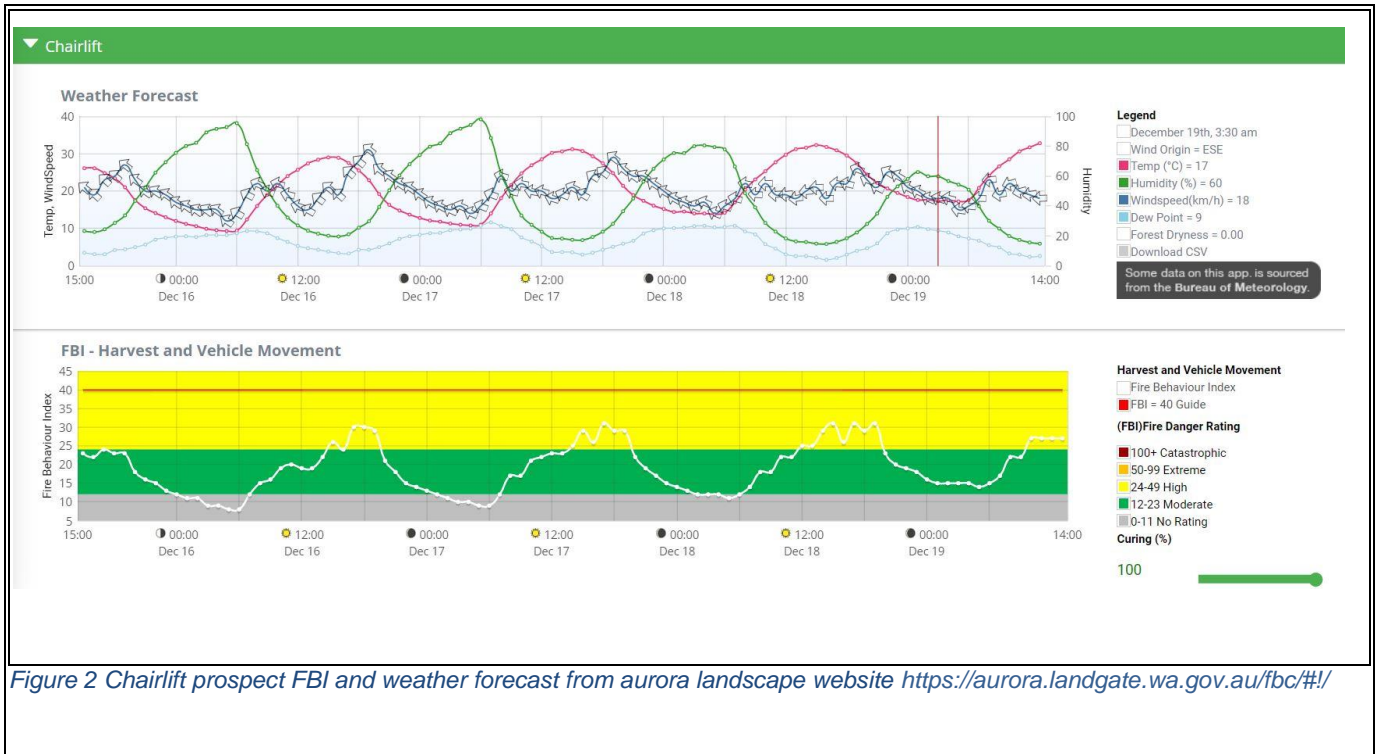
ADN035 JSA Template

ADN036 Incident Report form

SECTION H – 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.

Exploration PEPR application – 12-month period



SECTION I – PHOTOS

Include photographs in this section:

- that have been obtained during site visits
- that help describe relevant environmental and operational aspects in the PEPR.

To insert photos, copy and paste the photo into the template below. Resize photos to fit page width. Ensure that all information about each photo is completed and refer to the photo number in the relevant section of the PEPR.

Site identification	Date taken	Photo number & PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Details and Comments
Drillhole CW19AC009 (at GWKP)	12/04/2019	Photograph 1	474847	6367550	53H	Photograph shows McLeod Drilling MD1 Almet drill rig mounted in a 6x6 Land Cruiser ute and accompanying Sullair compressor 400cfm @ 125/200psi, also mounted on a 6x6 Land Cruiser ute.



Exploration PEPR application – 12-month period

Site identification	Date taken	Photo number & PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Details and Comments
<p><Copy and paste photo here, then resize to fit page width.></p>						

Site identification	Date taken	Photo number & PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Details and Comments
<p><Copy and paste photo here, then resize to fit page width.></p>						

SECTION J – MAPS

Provide a map(s) showing the following information that is located adjacent to or within the proposed area of operations, where applicable:

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

All maps and sections must conform to the standards outlined in the Exploration PEPR Terms of Reference.

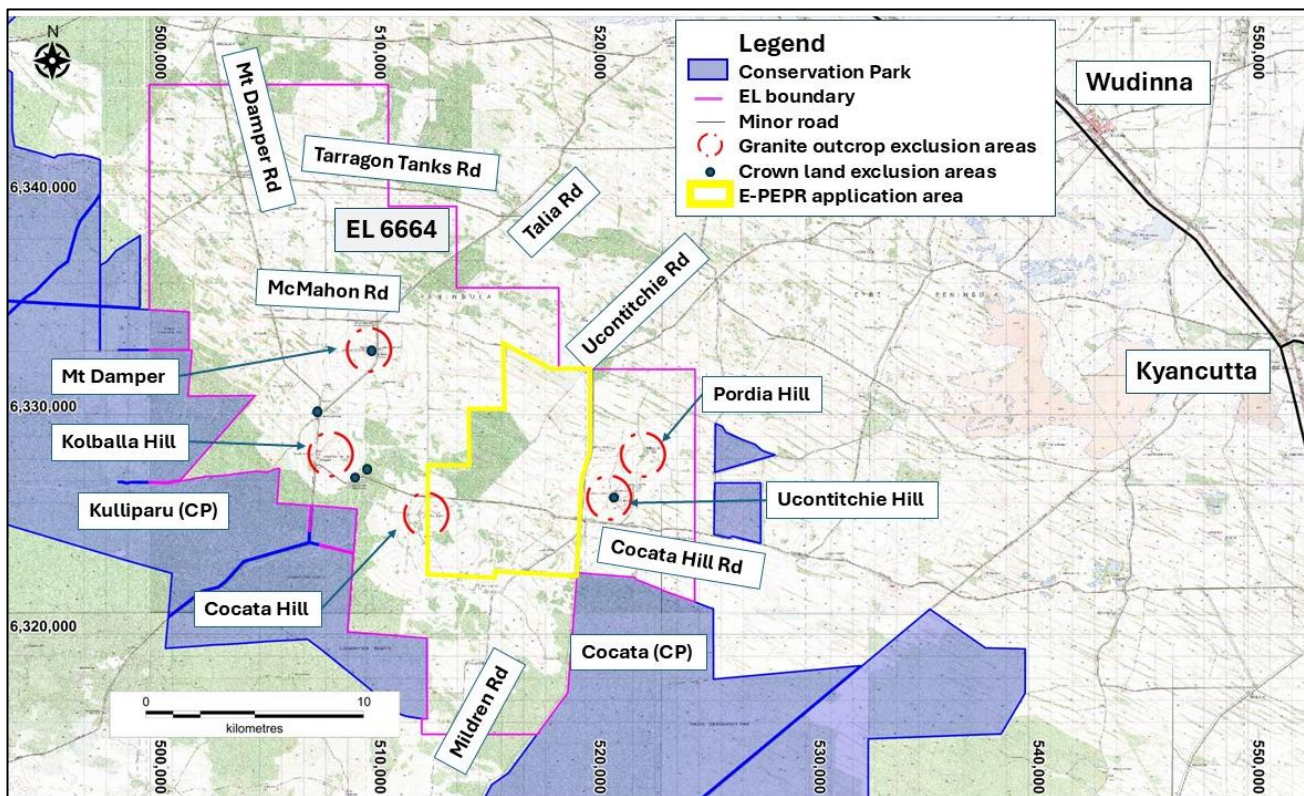


Figure 3. Map showing EL 6664 with access routes and E-PEPR application area

Exploration PEPR application – 12-month period

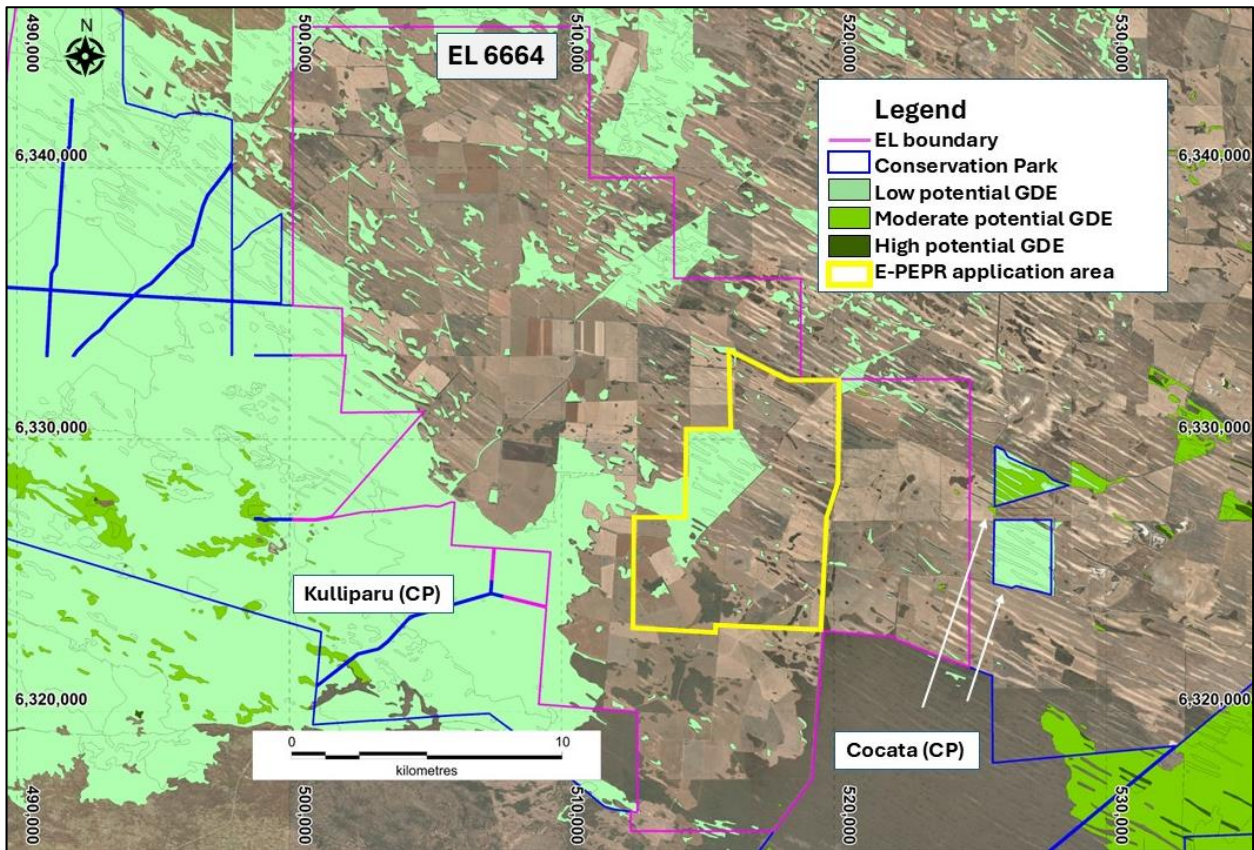


Figure 4 EL 6664 showing Terrestrial GDE's (sourced from www.BOM.gov.au/water/groundwater/gde/map)

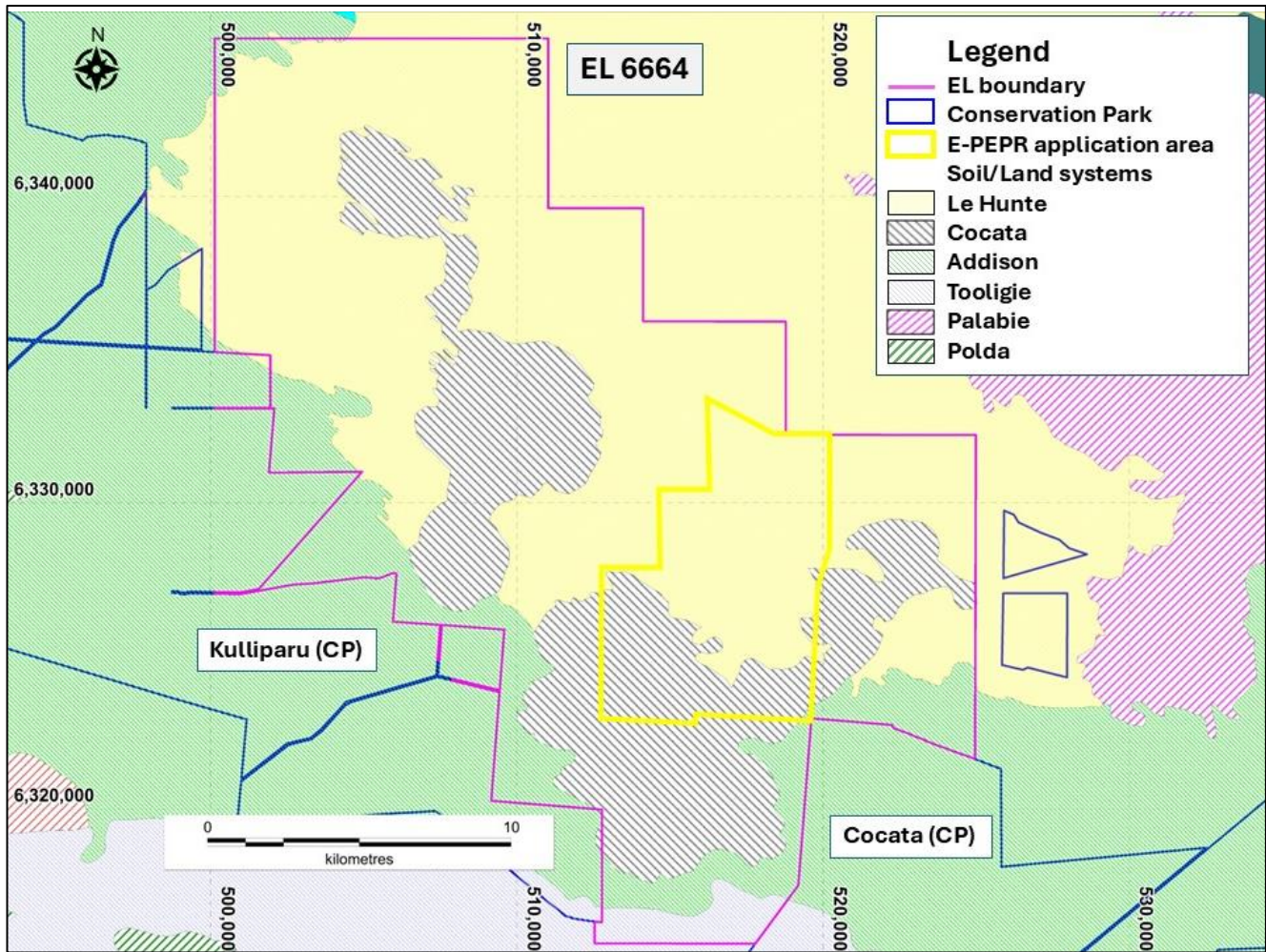


Figure 5 Soil/Land systems (sourced from www.pmst.awe.gov.au).

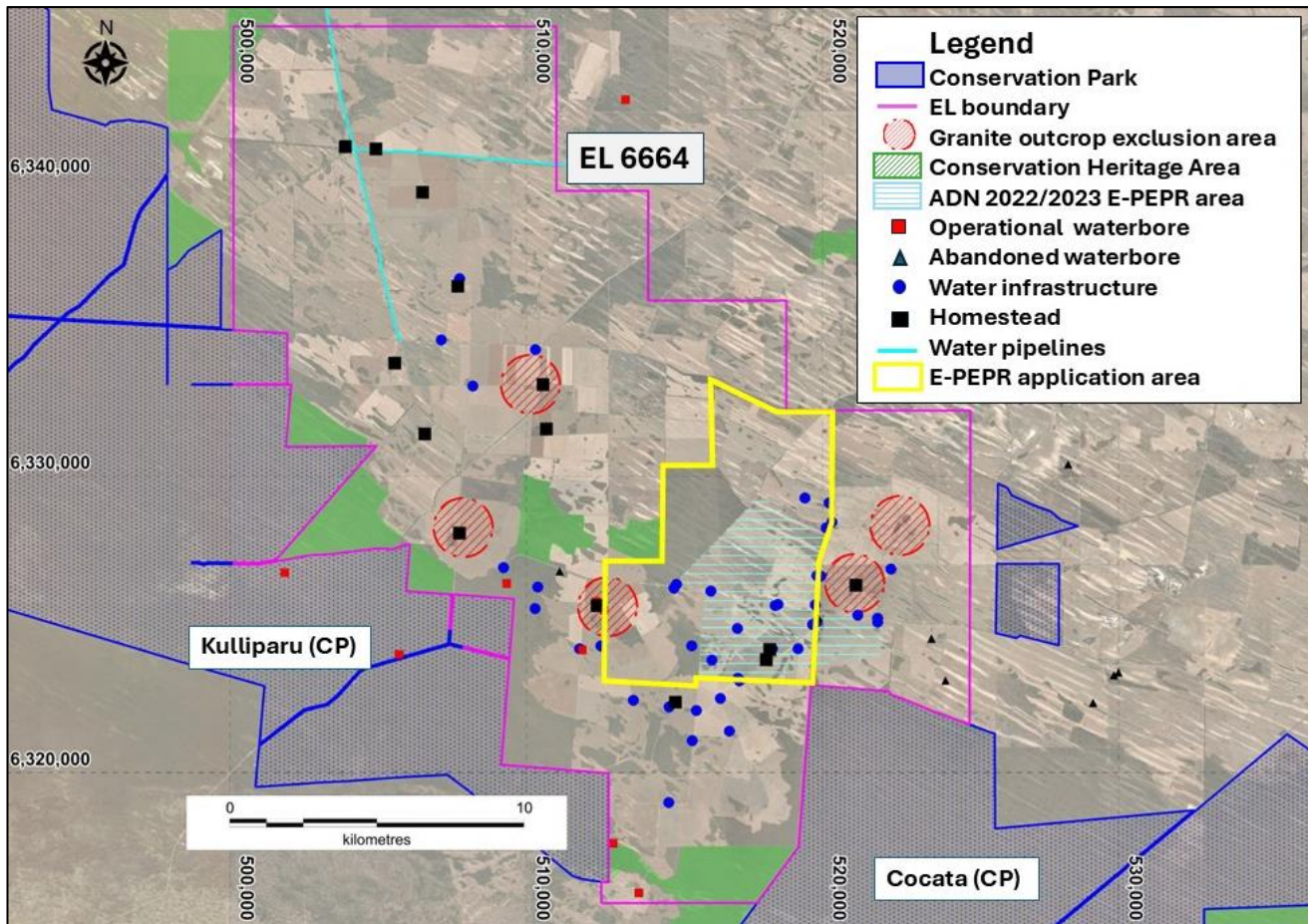


Figure 6 Exclusion areas and water infrastructure sites within EL 6664, (waterbore data sourced from www.map.SARIG.SA.gov.au).

Exploration PEPR application – 12-month period

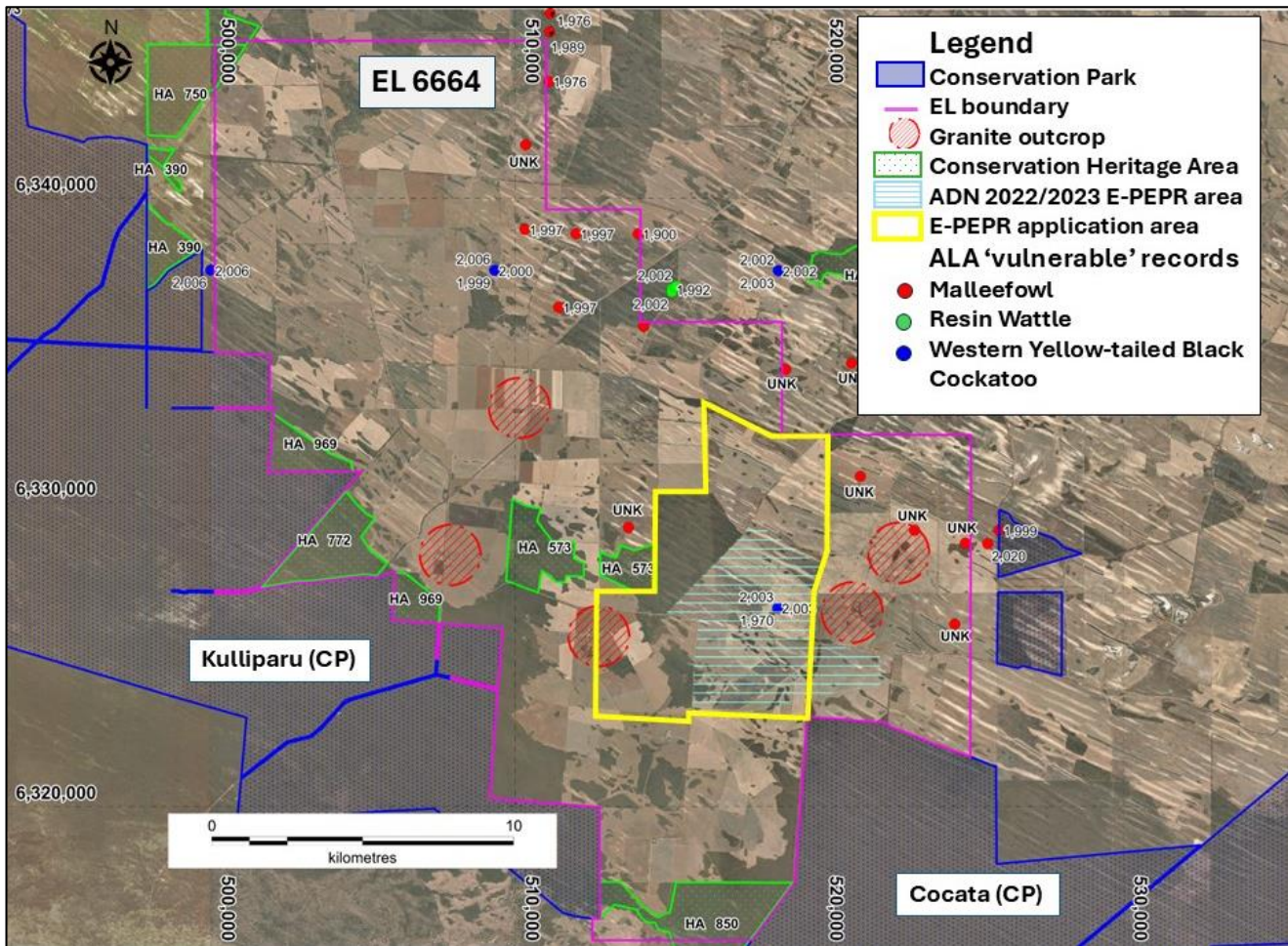


Figure 8 Vulnerable listed flora and fauna recorded species with the year of recording (sourced from www.ala.org.au and EPBC)

Exploration PEPR application – 12-month period

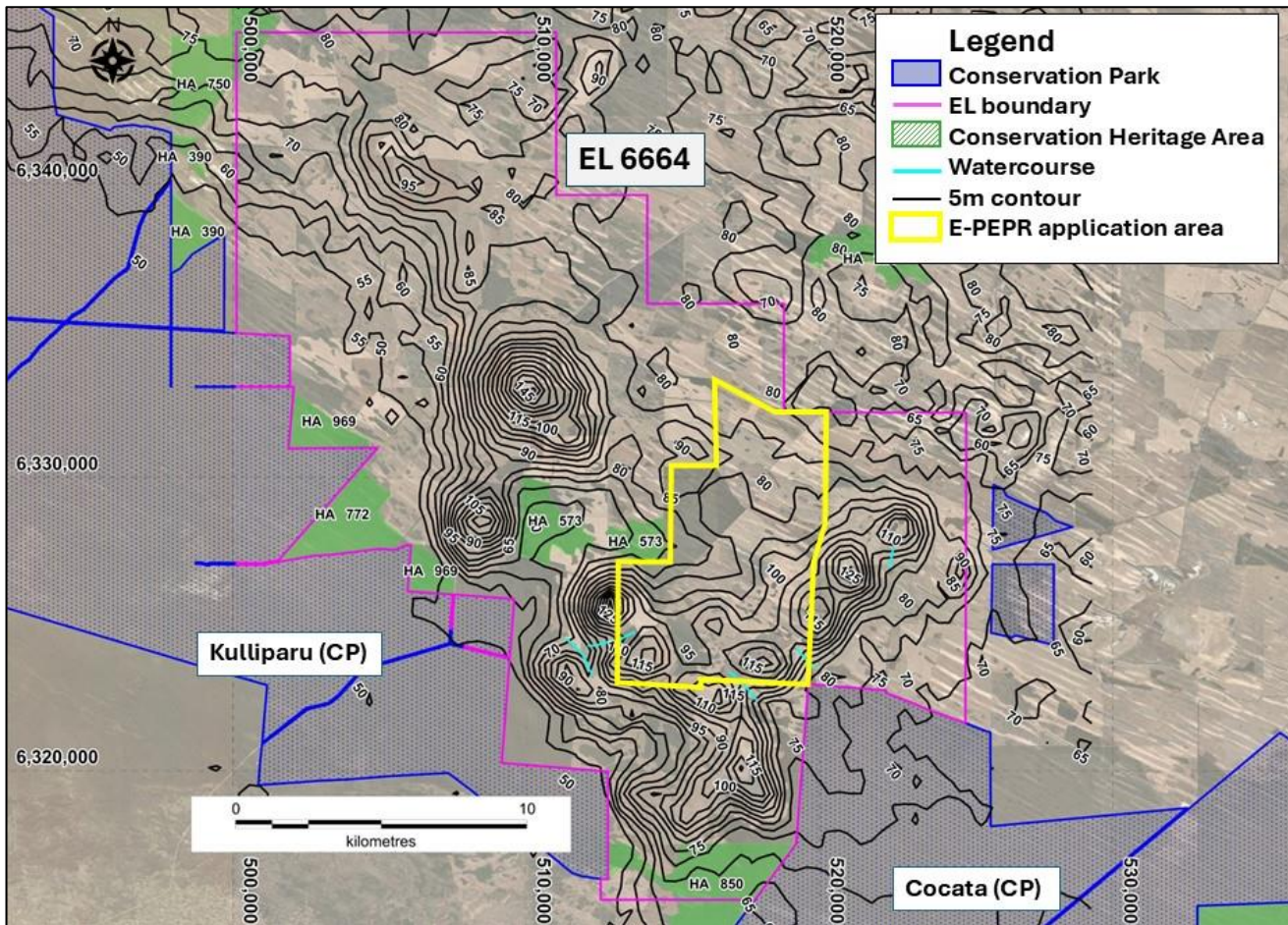


Figure 9 EL 6664 showing 5m contour intervals and watercourses (sourced from www.naturemaps.sa.gov.au)

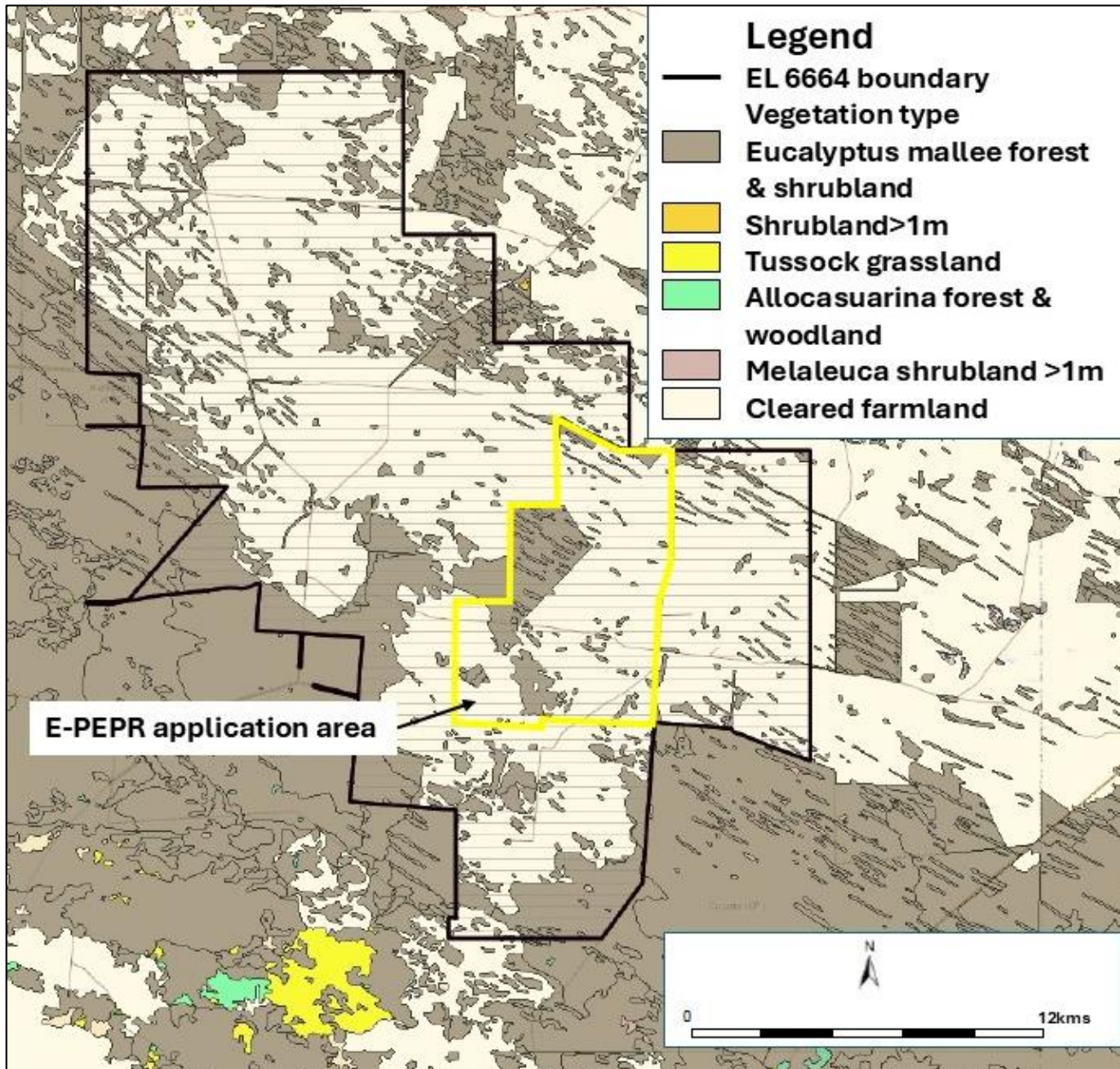


Figure 10 Vegetation types within EL 6664 (sourced from www.naturemaps.sa.gov.au)

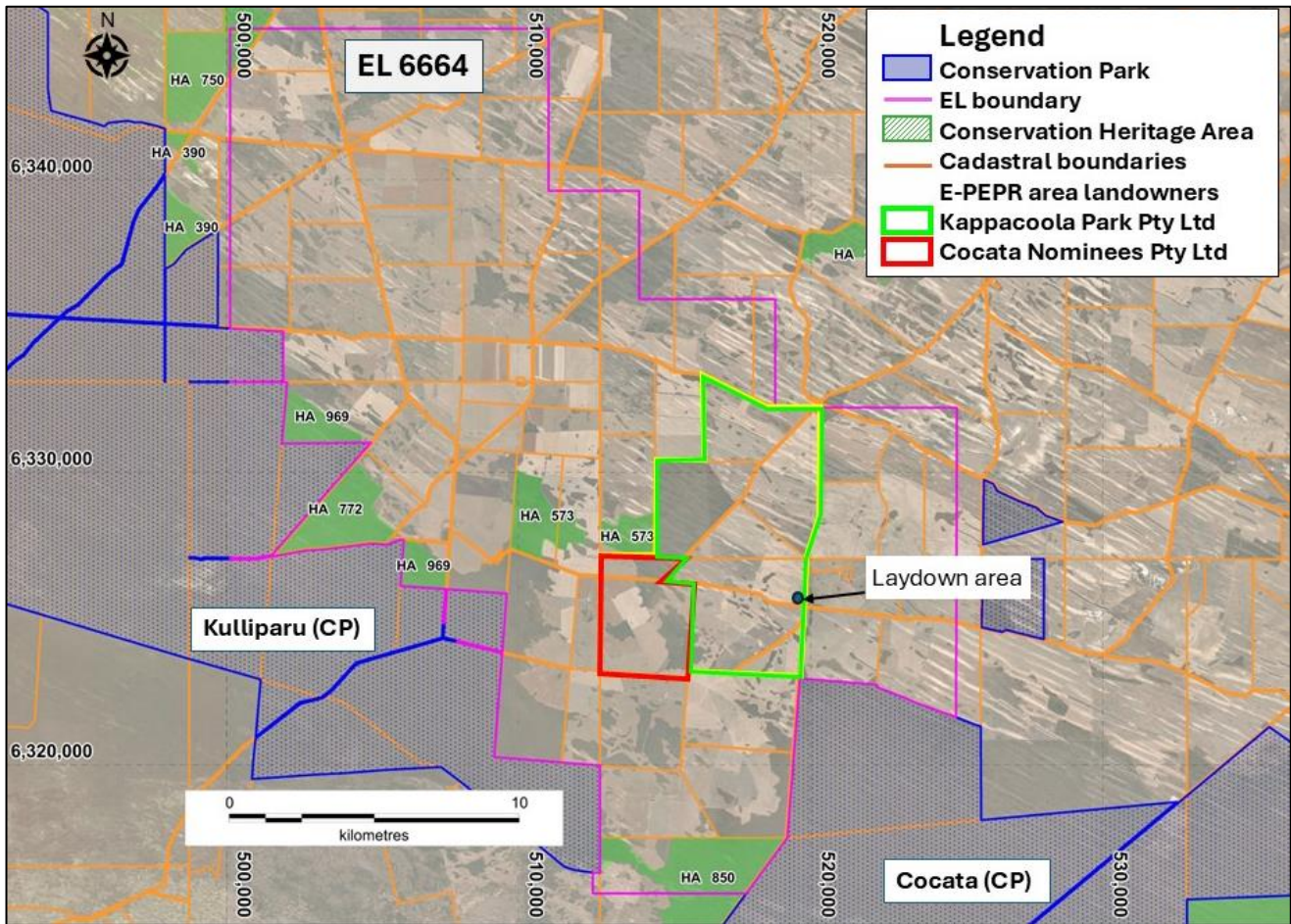


Figure 11 Landowners within the E-PEPR application area, also showing the drillers laydown area

Exploration PEPR application – 12-month period

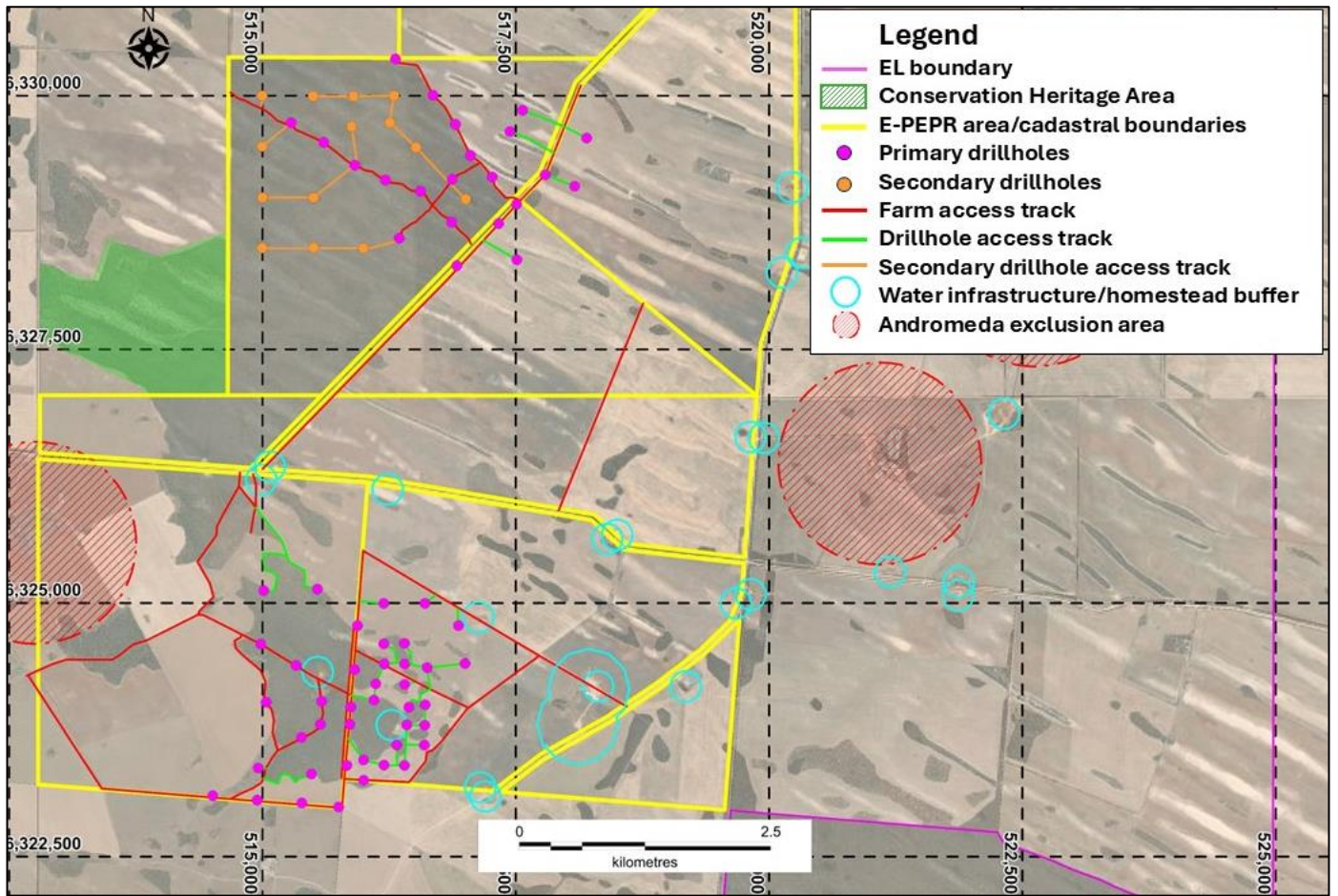


Figure 12 Planned drillsites and access pathways within the E-PEPR application area

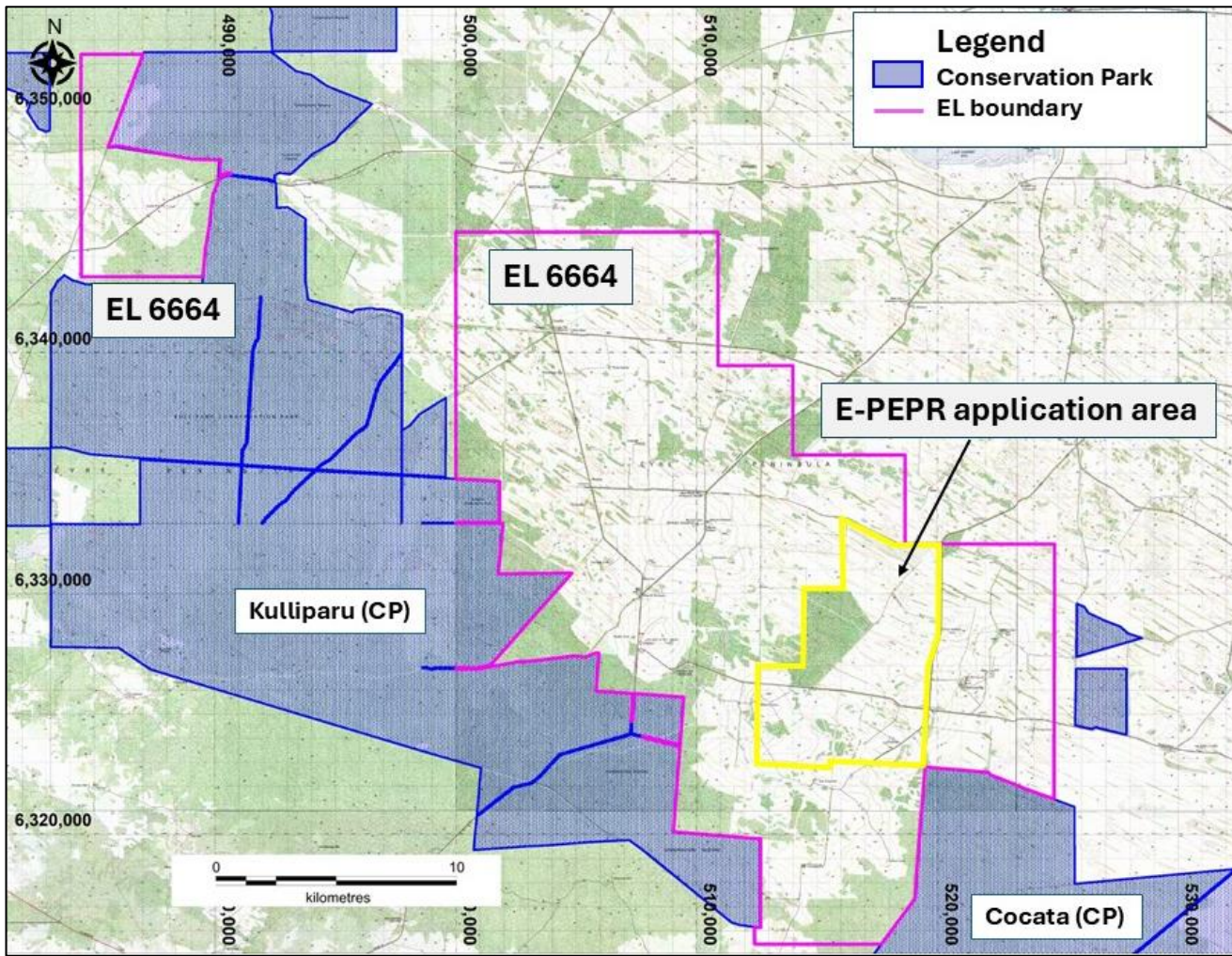


Figure 13 Map showing all of EL 6664 highlighting the E-PEPR application portion

SECTION K – PUBLIC RELEASE

PEPR documents will be registered on the mining register and publicly released in full without the need to request consent from the tenement holder(s). Ultimately, it is the applicant's responsibility to ensure that confidential, or commercially sensitive, information is not included within the PEPR application.

SECTION L – SUBMISSION OF THE APPLICATION

An application for an Exploration PEPR or PEPR review, must be submitted in the following form, unless otherwise specified by the Director of Mines or an authorised officer:

- an electronic version of the PEPR must be submitted using the exploration PEPR template(s) provided on the DEM Minerals website,
- the electronic version must be submitted online through the DEM Minerals website using the exploration PEPR submission form,
- the electronic version must be submitted in one single Acrobat PDF file, and
- Microsoft Word-compatible files must be submitted if requested by the Director of Mines (or delegate), or other authorised officers.