Government of South Australia
Department for Energy and Mining

14 April 2025

Joe Ranford
Director
Andromeda Industrial Minerals Pty Ltd
Level 10, 431 King William Street
ADELAIDE, SA
5000

joe.ranford@andromet.com.au

Dear Mr. Ranford

Approval Notification - Exploration Program for Environment Protection and Rehabilitation (EPEPR2025-003) EL 6426

The program for EL 6426, final version submitted on 7 April 2025 to conduct AC and Rotary Mud drilling to a maximum depth of 70m at your Hammerhead Project situated approximately 55km east of Streaky Bay 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.

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

EXPLORATION PROGRAM FOR ENVIRONMENT PROTECTION AND REHABILITATION (PEPR)

Government of South Australia
Department for Energy and Mining

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 6426 (Mt Cooper)			
Tenement holder(s) (for each tenement)	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)			
Operating company	Andromeda Minerals Pty Ltd			
Agency agreement (if applicable)				
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	Hammerhead			
Location details	Approx. 55km east of Streaky Bay, approx. 5-10km south-west of Poochera, Eyre Peninsula.			
Project description, commodity type and mineralisation model	The proposed program involves Aircore (AC) drilling and installing piezometers should significant water be intercepted. Water and drill data will be analysed and Rotary Mud drilling and waterbores installed should it be warranted. The target horizon for exploration is the sedimentary Garford Formation sands.			
Proposed project schedule	Start date	20/04/2025	End date	20/4/2026

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	Joe Ranford	Signature (digital allowed)	
Position	Director	Date	03/03/2025

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 the area with its history in the last 6 years of developing the Great White Kaolin Project (GWKP) within EL 6588 and ML 6532 and exploring the surrounding kaolin prospects within EL 6426 and EL 6202.

Andromeda personnel conducted a reconaissance trip in February 2025, which included assessing and photographing (via drone footage) of all of the proposed drillsites.

The proposed program has been designed based on analysis of past Andromeda exploration activities in the area and geological datasets available on SARIG, including data collected during historic exploration.

Andromeda exploration programs undertaken includes

- AC/RAB/DD drilling at both the GWKP (located 8km to the South of the E-PEPR area), as well as the Hammerhead deposit (located 2km to the SW of the E-PEPR area)
- Water bore/piezometer installations at the GWKP
- Pump testing of groundwater at the GWKP
- Passive Seismic programs within GWKP and the Hammerhead deposits

The Operator has consulted the following contractors in relation to the proposed program:

- 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 (see Photographs 1) and has been used for all AC drilling undertaken by the Operator since 2019
- Underdale Drillers (of Lonsdale, SA) are capable and experienced Rotary Mud drillers and specialise in well installation. Underdale's Atlas Copco T3W rig(see photograph 2) has been used for bulk sample drilling at GWKP and the Hammerhead deposit and installing water bores within the GWKP
- RI & LA Montgomerie Pty Ltd have an ongoing presence at the Great White Kaolin Project, supplying excavators, loaders, trucks and tankers where required

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).

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 6426	District Council of Streaky Bay	Road Reserve	Road Reserve (Poochera – Port Kenny Rd)	28/02/2025 15/02/2021 (previous)	n/a	n/a	*28/02/2025-Emailed Form 21B to DCSB* *07/03/2025 - Form 21B-Proof of Service emailed to DEM.*	The Operator has undertaken consultation concerning the proposed drill program. Consultation with DCSB was undertaken on 04/04/2025 regarding offloading the excavator/bobcat on the Poochera-Port Kenny Rd shoulder/road verge. No concerns were raised. The Operator undertook consultation in 2020/2021 to complete Geotech drilling on the Poochera-Port Kenny Rd within EL 6426 and EL 6588.

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.

Neighbouring landowners will be notified 1 week before the drill program commences.

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.

Proposed operations will occur along the Poochera – Port Kenny Road Reserve within Miscellaneous Purposes Licence (MPL) 163, a water pipeline lease running from the Streaky Bay Highway to the access road of the GWKP.

The closest township to the program area is Poochera, approximately 5-10km to the west. The closest residence to the proposed operations is the homestead owned by Moorkitabie Pty Ltd, approximately 3.5km east of drill sites (see Figure 7)

A Dial before you dig search was performed on 21/02/2025. Water infrastructure pipes were the only services identified.

A reconnaissance field trip was conducted on 26/02/2025 and the 200mm water pipeline and its associated access points were identified (water meters, water valves, hydrants) and their locations noted.

The pipeline access track has recently been maintained with vegetation cleared at points to allow unhindered access.

The original waterbore (6101) was also located which was dry.

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.

Land tenure/type	Applicable
Freehold	☐
Pastoral lease	☐
Perpetual lease	☐
Crown land	☐
Mining reserve	☐
Aboriginal freehold/leasehold land (e.g. Anangu Pitjantjatjara Yankunytjatjara and Maralinga Tjarutja lands)	☐
Forestry reserve	☐
Marine parks	☐
National parks, conservation parks, conservation reserves, regional reserves*	☐
Adelaide Dolphin Sanctuary	☐
Murray Darling Basin	☐
<If park/reserve is selected, please provide the name of the park>	
Other*	☐
Road reserve under the care, control and maintenance of the District Council of Streaky Bay.	

Land use	Applicable
Grazing	☐
Cultivated land	☐
Residential	☐
Township	☐
Industrial	☐
Tourism	☐
Conservation	☐
Defence activity	☐
Road reserve	☒
Sites of scientific significance (geological monuments, fossil reserves etc.)	☐
Orchard/vineyard	☐
*Native vegetation heritage agreements	☐
<Provide the name of the area>	
*European heritage sites	☐
<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.

There are no known policies or development plans that have been raised by the DCSB that will impact the current exploration proposal.
The Operator has kept DCSB informed of the Proposed Development (Mining Lease and operation) at the GWKP, previously within EL 6588, but as of 17/12/2021 within Mine Lease ML 6532, as well as Access Rd (MPL 164) and Water pipeline (MPL 163).

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 ☐	No ☒	Do you have a resource exploration permit in place?	Yes ☐	No ☐
In which zone will activities be conducted?					
Does the Exploration Permit allow the operator to conduct exploration operations in the WPA?				Yes ☐	No ☐
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).

Will operations be conducted within the Port Wakefield Proof and Experimental Establishment, Murray Bridge Training Area, or Cultana Training Area?	Yes ☐	No ☒
<If yes, indicate which area.>		
Do you have a Deed of Access with Defence?	Yes ☐	No ☐
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 ☐ No ☒ (If no, no further information in this section required.)	
Are there registered native title party/parties in the area of proposed exploration?	Yes ☒ No ☐	Wirangu 2-Part A	If no, an Environment, Resources and Development (ERD) Court determination is required.
Have you negotiated a native title mining agreement?	Yes ☐ No ☐	Is the agreement registered?* Yes ☐ No ☐	<List the tenements covered by the agreement>
Have you accepted an Indigenous land use agreement (ILUA)?	Yes ☐ No ☐	Is the ILUA registered?* Yes ☐ No ☐	<List the tenements covered by the ILUA>
Have you obtained ERD Court determination?†	Yes ☐ No ☐	Is the determination registered?* Yes ☐ No ☐	<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.

Andromeda's Great White Project falls within inland portions of the Wirangu 2 Part A Native Title Determination, which was handed down by the Federal Court via consent determination in 2022, recognising Wirangu people as the Native title holders of areas from Acraman Creek in the north to Port Kenny in the south and inland to the Flinders Highway.

Public roads are held by the relevant council in Fee Simple, (Local Government Act 1999, specifically Section 208) and native title is therefore extinguished.

The Wirangu have acknowledged that the Great White Project is located in an area where native title cannot be recognised "under Australian common law".

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, saltpans, claypans etc.).

The application area affected is within the Maryvale, Parla Peak and Chandada land systems as per NatureMaps.

Maryvale is described as plains and gently undulating rises, Parla Peak is described as gently sloping rises and Chandada as plains underlain by calcretes (see Figure 6)

Remnant stands of vegetation exist; predominantly Eucalyptus porosa/Eucalyptus diversifolia mixed Mallee over mixed sclerophyll shrubs.

Outcropping sheet calcrete is prevalent in scrub and grazing areas and in the greater Chandada area.

Susceptibility to wind and water erosion is considered low, given the flat lying nature of the drillsites and thin veneer of topsoil present (all drillsites are in natural clearings of slabby calcrete with no vegetation).

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.

Maryvale land systems are dominated by shallow soils over calcrete, the majority of which are non arable. Interspersed through the system are highly calcareous sandy loams, mostly arable, with marginal fertility and waterholding capacity, and some potential for wind erosion. Moderate to heavy surface stone and sheet calcrete are features of the landscape.

Parla Peak and Chandada land system have highly calcerous sandy loams, marginal fertility, some restricted waterholding capacity, slight to moderate wind erosion potential and some boron toxicity / salinity, (See Figure 6).

Access will be via the single lane water pipeline access track on the eastern side of the Poochera-Port Kenny Rd. Firm instructions will be given to all workers to stay on these tracks, including in site induction material.

Entrance from the Poochera-Port Kenny Rd is via farm paddock access tracks, which exist near drillsites 8, 7, 5 and 1 (see Figure 10).

Dust generation from vehicle movement is anticipated to be minimal due to low vehicle speeds.

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 ☐	No ☒
There are no permanent water courses or drainage lines in the area.		
Is the program area located within water protection areas defined under the *River Murray Act 2003*? If yes, provide the name(s).	Yes ☐	No ☒
Data.sa.gov.au (https://data.sa.gov.au/data/dataset/water-protection-areas) was checked.		
Is the program area located within any prescribed watercourses or prescribed surface water areas under the *Landscape South Australia Act 2019*? If yes, provide the name(s).	Yes ☐	No ☒
data.sa.gov.au (https://data.sa.gov.au/data/dataset/water-protection-areas) was checked.		

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 ☒	No ☐

From the WaterConnect website waterbore 6101 shows a static water level listed at 51m and a yield as 1.39L/s (from pump testing in 1964). No recent data exists on the website, though recent reconnaissance found this well to be dry . The water exploration program is targeting the Garford Formation sands from this site.

Table 1 SARIG listed waterwells within EL 6426 (Tig =Garford Formation sand, Mth = Hiltaba suite granite, TQ = Tertiary Pleistocene)

Drillhole No	Easting	Northing	RL	Maximum depth	Well status	TDS (mg/L)	TDS date	Yield (L/sec)	Yield date	SWL (m)	SWL date	Monitored aquifer	Distance to app. area
6101	478501	6375568	90.3	58.52	Listed as operational, but dry.	5912	11/06/1964	1.39	11/06/1964	51.21	11/06/1964	Tig	
6095	478760	6376497	87.6	19.2	Dry	-		-		-		-	400
6094	482394	6375384	90.1	54.9	-	12495	2/01/1940	-		53.34	2/01/1940	-	400
6096	482992	6374086	87.9	7.2	Operational	-		-		-		-	3000
6110	476940	6378964	81.2	51.82	-	17146	2/01/1940	-		48.77	2/01/1940	TQ	3200
6098	477067	6373094	95.9	38.71	Operational	-		0.0014	2/01/1940	-		-	2700
6097	477625	6373897	91.2	25.91	Unknown	1735	2/01/1940	-		-		-	1700
6100	478358	6373836	90.2	57.91	Operational	1715	11/02/1949	0.1894	11/02/1949	38.4	11/02/1949	Mh	1700
6114	476807	6373686	91.5	35.05	Operational	442	13/06/1945	0.05	2/08/1911	26.21	2/08/1911	TQ	2400
6102	476089	6373431	95	51.82	Collapsed	-		0.02	2/01/1940	36.58	2/01/1940	-	3000
6104	475267	6373653	93.4	-	Operational	8221	17/09/1945	-		-		-	3500
6103	474453	6373860	101.3	40.54	Operational	10048	11/03/1925	0.1052	1/12/1924	39.93	1/12/1924	-	4100

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

The target aquifer is the sands of the Garford Formation that are present at this site and were intersected by Historic waterbore 6101, an industrial water bore by the Highways and Local Government Department in 1962. Data indicates a flow rate of 1.39 L/s (see Figure 7) and a TDS of 5916 mg/L.

Hiltaba suite granite waterbores tend to be poor flowing, moderate to high salinity and hence aren't a target for water exploration.

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
Bridgewater Fmn holocene calcerous/aeolian sands	0-10m	n/a	None anticipated	None	Largely calcrete and sand No noted aquifers
Garford Fmn (Pliocene/Pleistocene)	10-60m	Tig	10m	Unconfined	Sand and clays. 5,916mg/L TDS, SWL 51.21mbgl in waterbore 6101.
Kaolinised Saprolitic granite (Proterozoic)	60-80m	Mth	None anticipated	None	If water is encountered it would be expected >11,000mg/L, SWL's >80mbgl.
Saprock/granite (Proterozoic)	60-100m	Mth	Unknown	Fractured rock-unconfined	Granite basement water quality is typically >11,000mg/L, SWL's >80mbgl.

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

Underground water with a salinity >3,000mg/L but <13,000mg/L is classified as suitable for primary industries-livestock drinking water.

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

The area covered by this E-PEPR contains terrestrial GDEs of low potential (national assessment), see Figure 5. The closest aquatic GDE is >40km from planned drilling.
There is no data on subterranean GDEs identified in the area covered by this E-PEPR per http://www.bom.gov.au/water/groundwater/gde/. 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 ☐	No ☒

Provide any additional information, if required.

Native vegetation

Will you be working within areas of native vegetation? If yes, provide the following information: • 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 ☒	No ☐
Drilling will take place within the road reserve and any interactrion with native vegetation will be minimised. All drill sites have been planned within natural clearings. The predominant remaining uncleared vegetation type is Eucalyptus Mallee forest and woodlands on the plains and outcropping calcrete areas. The dominant species is Eucalyptus porosa over Melaleuca lanceolata (tall shrubs) and Avena barbata (mixed) mid tussock grasses and Austrodanthonia caespitosa (low tussock grasses).		

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†
Austrostipa vickeryana	Vickery's Spear-grass		R
Austrostipa tenuifolia	Long awn Speargrass		R

* *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*).

Significant weeds identified in the surrounding project area are listed in Table 2, below. These weeds were identified by Atlas of Living Australia and Nature Maps. Most observed in the surrounding area are Onion Weed and Horehound.

Table 2. Significant weeds identified in the surrounds of the E-PEPR application area (see Figure 8)

Scientific Name	Common name
Marrubium vulgare	Horehound
Echium plantagineum	Paterson's Curse
Carthamus lanatus	Saffron Thistle
Solanum linnaeanum	Apple Of Sodom
Asphodelus fistulosus	Onion Weed
Avena barbata	Bearded Oats
Carrichtera annua	Wards Weed

The Operator conducted an EPBC Protected Matters desktop search identified a number of additional invasive/introduced plant species likely to occur in the area, listed below.

- Asparagus asparagoides (Bridal Creeper, Bridal Veil Creeper, Smilax, Florist's Smilax, Smilax Asparagus)
- Chrysanthemoides monilifera (Boneseed)
- Solanum elaeagnifolium (Silver Nightshade, Silver-leaved Nightshade or Silver Leaf Nightshade, Silverleaf-nettle, White Horse Nettle, Tomato Weed, White Nightshade, Bull-nettle, Prairie-berry, Satansbos, Silver-leaf Bitter-apple, Trompillo).
- Cenchrus ciliaris, Cenchrus pennisetiformis (Buffel grass)
- introduced Orobanche spp, (introduced Broomrapes, including Branching Broomrapes, etc)
- Phytophthora

None of the above listed have been sighted in the area and were not identified/listed in the EPBC Protected Matters Search.

Fauna

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

Searches were done using; The Atlas of Living Australia, Nature Maps and Protected Matters Search Tool over the drill area (and a 5km radius).

Other listed species were categorised as 'may occur' and 'known to occur in the area'.

Feral fauna in the area may include pigeons (Columba livia), sparrows (Passer domesticus), starlings (Sturnus vulgris), blackbirds (Turdus merula), domestic dogs and cats, mice (Mus musculus), European rabbits and foxes.

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
Ardea ibis coromanda	Eastern Cattle Egret	R	
Lophochroa leadbeateri mollis	Major Mitchell's Cockatoo	R	
Manorina flavigula	Yellow-throated Miner	ssp	ssp
Strepera versicolor	Grey Currawong	ssp	
Corcorax melanorhamphos	White-winged Chough	R	

'ssp' indicates that at least one subspecies of a species has been given a conservation rating under the EPBC Act.

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 ☐	No ☒
Are you likely to impact on the environmentally sensitive area? If yes, detail the likely effects the proposed program may have.	Yes ☐	No ☒
<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.		
An Aboriginal Cultural Heritage Survey was conducted by representatives of the Wirangu Aboriginal Corporation and a cultural heritage advisor over the area affected. As a result of the cultural heritage survey no cultural heritage sites were identified with the survey area.		

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	2	Andromeda Metals
Field assistants/technicians	1	Andromeda Metals
Drilling crew	3	McLeod Drilling
Drilling crew	3	Underdale Drilling
Site preparation and rehabilitation (if required)	1	RI & LA Montgomerie
Waste water removal truck	1	Streaky Bay Plumbing
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.
1 x RC Drill Rig	Underdale Drilling	Atlas Copco T3W rig	Water bore installation rig (see photograph 2)
1x support vehicle	Underdale Drilling	Support truck	Supporting RAB drill rig, carrying auxiliary compressor and booster
1x small excavator	Underdale Drilling	3T excavator	Construction of sumps at water monitoring well installation sites.
1x light truck (4x4)	Underdale Drilling	Mitsubishi Canter light truck	Carrying consumables for well installation.
1x excavator	RI & LA Montgomerie	10T excavator	Construction of sumps at waterbore sites.
1x Loader	RI & LA Montgomerie		Rehabilitation of sumps and waterbore sites
1x Skidsteer	RI & LA Montgomerie	Bobcat	Rehabilitation of sumps and waterbore sites
!x Waste Water removal truck	Streaky Bay Plumbing	Waste water truck	Remove water from sumps

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 ☐	No ☒
<Include text here.>		

Drilling activities

Will exploration drilling activities be conducted? If yes, fill out the below table	Yes ☒	No ☐

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)
6426	AC	8	70	0	N/A	10 x 8 = 80m² x 8 = 640m²	0	0
6426	Mud Rotary	8	70	1	4 x 3 x 1.5 =18m³	10 x 20 =200m² x 8 = 1600m²	8	0
TOTAL		**16**	**1120m**	**8**	**144m³**	2,240m²	**8**	**0**
		Total number of	Total metres proposed	Total number of	Total volume of sumps	Total area of disturbance (number of holes x	Total number of pads requiring	Total volume of material to be excavated (number of

	drillholes (add each row to calculate the total).	(maximum number of holes x average depth for each row, then add each row to calculate the total).	sumps (maximum number of sumps x drillsites for each row, then add each row to calculate the total).	(maximum size of sumps x number of sumps for each row, then add each row to calculate the total).	average size for each row, then add each row to calculate the total).	excavation (add each row to calculate the total).	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.

Drill collars will be moved to avoid clearance of vegetation and will take advantage of natural clearings (see photograph 6). Where necessary, tree limbs will be trimmed with a chainsaw to facilitate drill site access/working space for the drill rigs. Vegetation trimming will be limited to as little as is necessary to gain access.
No site levelling will be required.

For AC drilling any water brought to the surface will be retained within a 1000L container (previously used for this purpose) beneath the sample hose and pumped into an IBC.

For Rotary Mud drill cuttings will be contained within an in-ground sump to be constructed with an excavator of approximately 4m (L) x 3m (W) x1.5m(D) for a total of 18m³ excavated. The sump will also be used to capture any encountered groundwater. The sumps will not be lined, in order to allow any intercepted water to seep back into the ground. Topsoil will be separated from lower ground material adjacent the excavation.
On completion of drilling, sumps are left to dry until the material in the bottom is dried/cracked and not in a condition where it will splash or move significantly during backfill. The Streaky Bay Plumbing waste water truck may be consulted to remove water to hasten the drying and rehabilitation of the sumps.
Drill sites will be prepared by rolling plastic ground-sheeting beneath the rig site areas to catch any excess drill cuttings or hydrocarbon leaks.
A photographic record of each site will be taken before drilling commences and a subsequent rehabilitation photo taken afterwards.

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 drillholes will be constructed with 77 mm – 87 mm blade and slimline RC hammer. Drillholes will terminate at the base of the Garford Formation sands, where the granitic saprolite/basement is encountered. Maximum depth of approximately 60-70m is expected.

If water is intercepted the hole may be cased with 60mm PVC with slotted screens to form a piezometer. Gravel pack sands will be placed down the outside of the casing, covering the screen zone and a bentonite layer will be be placed on top of the gravel pack sands to prevent in flow of surface water.

The remainder of the outside casing will be cemented to surface where a steel casing will be installed to protect the piezometer (see photograph 4).

Drillholes not converted into piezometers will be backfilled with drill cuttings and tamped down at surface to prevent water ingress and opening in the future.

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.

Rotary Mud drillholes will be constructed with 205mm blade and hammer. Drillholes location and target depth will be based on the data attained by AC drilling/piezometers. If no sufficient water is intercepted by AC drilling then no Rotary Mud drilling will occur and hence no waterbores constructed.

Maximum depth is the base of the Garford Formation, of approximately 60-70m.

Up to 6m of 8” steel casing will be installed with a 250mm hammer. Steel casing will be held in place by driller's cement as required. Hole will be cased with 150mm Class 12 PVC with slotted screens to form a water bore. Gravel pack sands will be placed down the outside of the casing, covering the screen zone and a bentonite layer will be be placed on top of the gravel pack sands to prevent in flow of surface water.

The remainder of the outside casing will be cemented to surface and a steel casing installed around the PVC for protection (see photograph 3).

Earthworks associated with drill pad preparation will be completed beforehand by RI & LA Montgomery earthworks excavator or with the drilling companies small 3T excavator (refer Equipment and Personnel requirements).

The Operator's preference is Underdale Driller's Atlas Copco T3W truck mounted drill rig due to its previous performance within Great White within EL 6588.

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.

Should no water be intercepted in AC drilling, overburden material will be returned downhole immediately (or within several days) following the completion of drillholes. Drill samples from the first 1-2 metres are replaced at surface.

Should water be intercepted the hole may be cased and converted into a 60mm PVC cased piezometer (if aircore drilling) or a 150mm PVC cased waterbore (if Rotary Mud drilling).

Samples unable to be returned downhole will be removed from site and disposed of at the Streaky Bay Waste Transfer Centre, 28964 Flinders Highway, Streaky Bay SA 5680.

Drillholes which penetrate no aquifer will be backfilled with stockpiled overburden cuttings (or infill sand if required, supplied by local contractors and confirmed to be free of weeds etc.) as per M21, as shown in Figure 1 below. Though as opposed to the figure below we are targeting unconfined aquifers so backfilling will only occur if no aquifer's are encountered.

Native soil will be replaced from >0.3m below ground level, crowned at surface to prevent ingress of surface water and subsidence.

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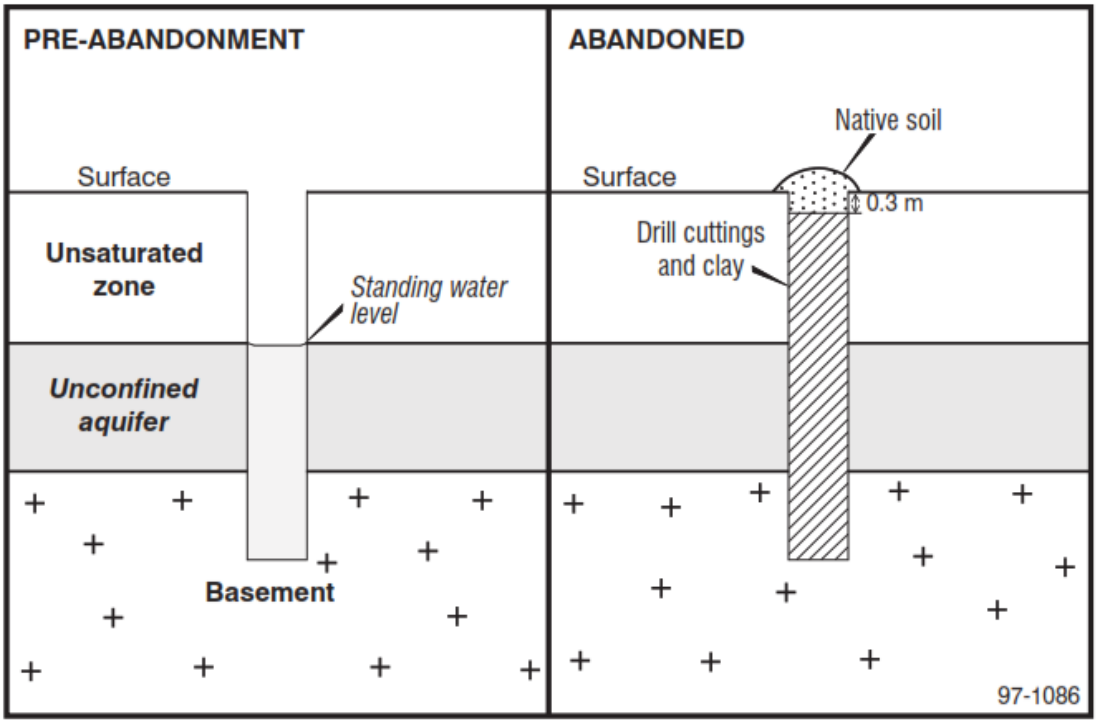

Figure 1. Diagram of backfilling drillholes. Source: M21: Mineral Exploration Drillholes - General specifications for construction and backfilling

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? If yes, fill out the table below.	Yes ☐	No ☒

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)
						<Tab to add rows.>
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.

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

If no water is intersected in the AC hole then no piezometer will be installed, in which case no Rotary Mud drilling will occur at that site.

AC Drilling

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.

On the completion of the AC hole, drill cuttings will be used to backfill the hole, if no significant water is intersected.

Should a bore be installed drill cuttings will be removed from site on the completion of the drill program and taken to Streaky Bay Waste Transfer Station, an EPA approved waste facility for disposal.

Rotary Mud Drilling

Samples of rotary-mud drill cuttings are collected by shovel at the drill collar spill over point and laid out on plastic sheeting in small piles representing 2m intervals with one subset taken and placed in a chip tray and another 500g zip lock bag.

For converting Rotary Mud drillholes into waterbores, plastic sheeting will be placed beneath the drill rig. A trench will be cut to enable water to drain into the sump. Drill cuttings will be used to form a bund around the drill string (on the plastic sheeting) to ensure that all water will be funnelled into the drain and then the sump.

The sump will be allowed to adequately dry out for several days before rehabilitation.

The sump will be fenced off to prevent wildlife or public entry. Signage will be placed to prevent public entry.

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 ☐	No ☒
A water pipeline access track runs parallel to the Poochera-Port Kenny Rd with numerous access points (see Figure 10). During reconnaissance it was noted that the access track has recently been maintained and cleared of any over-hanging vegetation. Care will be taken to ensure drill vehicles do not block the water pipeline access track for other road users. 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, who will also be contracted to dig and rehabilitate drill pits.		
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 ☐	No ☒
<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 ☐	No ☒
Drill sites have been selected to take advantage of natural clearings located adjacent to the access track, so no new tracks will be required. Chainsaw usage will be restricted to the trimming of branches where required (as per M33), see photograph 5 for a aerial image of drillsite 2.		

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.		
Staff wil be accommodated in the companies units within Streaky Bay. AC drilling will occur in program 1, where the water data will be assessed. Rotary Mud drilling in program 2 will only occur should sufficient water be intercepted.		
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 ☐	No ☒
Provide a description and justification of the camp location (e.g. previously cleared areas etc.), and any other relevant information.		
<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 ☐	No ☒
<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 ☐	No ☐
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 ☐	No ☒
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 ☐	No ☒
No laydown area is required, all rods, PVC casing and 3T excavator will be stored on the support vehicles, which will be located at the drillsite while drilling is occurring. Montgomerys 10T excavator and bobcat will be offloaded from a flat bed truck at a suitable location on the Poochera -Pt Kenny Rd shoulder/verge. The selected site will be on a straight portion of road with a clear line of sight to alleviate risk of vehicle collisions. The flat bed truck will be situated as far off the road as is possible to not obstruct other road users. Bollards and signage will be erected to ensure safe thoroughfare of local traffic. Machinery will then be driven along the pipeline access track to the individual drillsites.		
What will be the maximum area (ha) required for the laydown area(s)?	NA	
What will be the total area (ha) of vegetation clearance for the site?	NA	
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 ☐	No ☒
<Include text here.>		

Proposed infrastructure (includes hydrocarbon and water storage requirements)	Quantity	Description/capacity
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 ☐	No ☒
<If yes, include text here.>		

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 ☒	No ☐
A small supply of fresh water is required for injection during AC drilling.This will be sourced from mains water off site at Andromeda's Streaky Bay pilot plant. Water for Rotary Mud drilling wil be sourced from the mains water at a nearby metered standpipe. Any groundwater intercepted during AC drilling will be contained in a 1000L plastic tub placed beneath the sampling cyclone and pumped into an IBC for discharge at the Streaky Bay Waste Transfer station or the Streaky Bay Andromeda Metals pilot plant sumps. Groundwater from Rotary Mud drilling will be contained within the in ground sump and allowed to evaporate post drilling. Alternatively a waste water management truck may be consulted to empty the sumps in order to expediate rehabilitation.		
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 ☐	No ☒
<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 ☒	No ☐
The program involves water exploration drilling with the goal of installing piezometers and water bores. No pump tests will be conducted at this stage. Water bores will be drilled in accordance with the *Minimum Construction Requirements for Water Bores in Australia (Forth Edition, 2020)* using AC and/or rotary mud drilling method, PVC casing and cementing from bottom of casing to surface. Site preparation for drilling the wells will be completed in the method described in the Drillsite Preparation section. Drill sites have been selected within natural clearings (see Photograph 6), as such no vegetation clearance will occur, chainsaw trimming of branches may occur if required. Quarterly water sampling using low flow pumps (for groundwater baseline chemistry characterisation) will commence once a well has been installed.		
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.	Yes ☐	No ☒
4x Waterbore permit applications were approved for 'constructing a new well for Monitoring or Investigation purposes' on the 4th April 2025 by the Dept. for Environment & Water (DEW). Permit numbers are P-507552 - P-507555. Water bores are expected to be installed by Underdales, only if suitable water is encountered with AC drilling. It has been decided that no piezometers will be installed at this stage.		

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 ☐	No ☒
<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 ☐	No ☒
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 ☐	No ☒
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 which will be tipped back downhole for AC holes not converted into piezometers. Drill spoil not able to be tipped down the drillhole will be collected in green bags and taken to the Streaky Bay Waste Transfer station.
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.

If water is intercepted and a piezometer is installed then the drill spoil will be removed off-site to the Streaky Bay Waste Transfer station, as will any ground-sheeting and other industrial waste.

Rotary Mud drillholes converted into waterbores will have drillspoil pushed into the sump, once sumps have dried out.
The plastic sheeting will be removed to the Streaky Bay Waste Transfer Facility. The sump will be be backfilled with the stockpiled material and the stored topsoil will be spread on top.

Drill sites are then lightly scarified, with redistribution of plant matter to encourage revegetation..

State the estimated budget required to rehabilitate impacted sites.

AC drill sites will be progressively rehabilitated throughout the drill program.
Rotary Mud waterbores will require backfilling of the sumps by a loader/excavator/skidsteer, once the sumps have dried out.
Allowed for budget is $5,000.

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. Potnetial 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 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**		
Stakeholders: • freehold land owners • perpetual lease holders • pastoral lease holders • Aboriginal land (Anangu Pitjantjatjara Yankunytjatjara and Maralinga Tjarutja lands) • Department of Defence • state government departments. • local government (councils) • federal government • native title parties.	Interference to: • existing or permissible land use (includes loss of income, noise, dust, light and other emissions). • buildings, structures, existing tracks or other infrastructure. • aesthetic values of an area. Noncompliance with legislative requirements.	Yes (Applicable to all programs.)	The Operator maintains ongoing communication with local landowners and the District Council of Streaky Bay (DCSB) to minimise the disturbance on local businesses and traffic. The use of McLeod Drillings 6 wheel drive drill rig with its lighter footprint and smaller dimensions minimises the amount of area required for set up and operations. Underdales drilling will be engaged if sufficient water is intercepted by AC drilling. Signage will be erected where entrance off Poochera-Port Kenny Rd onto the water pipeline access track occurs. Rehabilitation will occur as soon as possible after the completion of drillholes. All drillholes will be rehabilitated in compliance with *M21: Minerals Exploration Drillholes – General specification for construction and backfilling.*	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.
Stakeholder: DEW	Interference to: • 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*	**For activities located within or adjacent to regional reserves, national, conservation and marine parks only:** • **no unauthorised interference with park management activities.**	Provide confirmation that: • 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.

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**		
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.)	The proposed work area included the road reserve, where secluded Mixed Mallee over Mixed Sclerophyll shrubs/Grassy Open Mallee Woodland occur in small communities. Proposed drillholes are located on the Road Reserve off the Poochera – Port Kenny Road. Data for the entire tenement from Nature Maps and Atlas of Living Australia has been incorporated with Andromeda's environmental consultants' data GIS databases were interrogated to become familiar with presence of the various significant flora and fauna species in drilling areas. Information on the significant flora and fauna present or likely to be present at Project work sites will be kept on site and made available to staff, visitors, and contractors. Known sightings will be included on maps included in site inductions.	*2*	*B*	*Low*	**No permanent loss/modification of native flora and fauna populations and their habitats through:** • **clearance** • **fire** • **other** **unless prior approval under the relevant legislation is obtained.**	Maintain before, during and after photographic evidence of all exploration sites (e.g. drillsites, new track exit/entry points off existing tracks, costeans, campsites) demonstrating that: • The area and method of disturbance is consistent with that described in the PEPR. • No uncontrolled fires* occurred as a result of exploration activities. Representative photos to be included within the annual exploration compliance report.
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.)	To prevent the spread of weeds, records of listed species will be included in site inductions. Within the proposed area the following significant weeds known or likely to occur include: • Bearded Oat (Avena barbata); • Ward's Weed (Carrichtera annua); and • Horehound (Marrubium vulgare). 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, Streaky Wash and pressure cleaner at the Operator's Streaky Bay warehouse. Before entry, they will be visually inspected to ensure that they are clean of mud and vegetation. Risk of weed introduction to be included in site and visitor induction process. To prevent the spread of phytophthora vehicles and shoes will be sprayed with a disinfection/fungicide prior to entry.	*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: • 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. All sumps are to have egresses to ensure safe exit for fauna. Plastic barrier fencing will be erected around open sumps. Sumps are to be backfilled once not required. Drillholes not converted to waterbores will be backfilled with cuttings, clay or cement per *M21: Minerals Exploration Drillholes – General specification for construction and backfilling.*	*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: • 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 Apllication) for EL 6426 has one Cultural Heritage Site listed, approximately 40km from the proposed drilling. 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 *Aboriginal Heritage Act (1988)*.	*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: • 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.

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 *ADN031 Aboriginal Heritage Policy* is included in site induction material received by all persons entering work sites. All Andromeda staff have undertaken aboriginal heritage training.					
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 of scientific and environmental significance.)	No known sites exist within the drilling area.	*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: • Maintaining evidence, including detailed maps showing sites compared to the location of exploration activities, and photographic evidence of sites before and after the conduct of the exploration program. • Providing a statement within the annual exploration compliance report confirming sites were not impacted during the conduct of the exploration program.
Soil/vegetation/fauna	Soil/vegetation contamination (e.g. hydrocarbons, rubbish, drill samples/cuttings, ablutions, other sources).	Yes (Applicable to all programs.)	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 on the plastic lined drill pad. For AC drilling plastic ground-sheeting and a 1000L plastic tub will be used beneath sampling areas as an above ground sump to contain any intercepted groundwater. Water from the plastic tub will then be pumped into an IBC. The plastic ground sheeting prevents any drill spoil contaminating the environment. For Rotary Mud drilling samples will be pushed into the in ground sump and backfilled after any contained water has dried out. 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. 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. 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. All samples will be removed from site during drilling and stored at the Operator's Streaky Bay warehouse. Should the hole not be converted into a waterbore drill cuttings will be returned downhole as soon as possible after the completion of drillholes. On completion of the program all rubbish associated with drilling (ground-sheeting etc.) will be taken to Streaky Bay Waste Transfer Station. Photos of all drill sites prior to disturbance, post drilling will be recorded to show restoration of the site.	*2*	*B*	*Low*	**No contamination of soil and vegetation as a result of exploration activities.**	Demonstrate that all domestic or industrial waste (includes general rubbish and hydrocarbons) is disposed of in accordance with the *Environment Protection Act 1993* within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), and that all fuel and chemicals are stored in accordance with EPA requirements, by providing: • The name, location and contact details of the authorised waste disposal facility. • A statement within the 'Compliance with approved programs' section of the annual exploration compliance report confirming domestic and industrial waste was removed from all exploration sites and disposed of at an authorised waste disposal facility. • Photographic evidence within the annual exploration compliance report demonstrating that all fuel and chemical storage facilities were managed in accordance with EPA requirements. Maintain photographs of all exploration sites and provide representative photos within the annual exploration compliance report demonstrating that drill cuttings are: • removed from site and disposed of at a licensed facility • buried under a minimum of 30 cm of soil, or in accordance with EPA guideline, *Radiation protection guidelines on mining in South Australia: mineral exploration*, available on the EPA website, or • backfilled down the drillhole, within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. Provide the information requested within the 'Rehabilitation' section of the annual exploration compliance report.
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.)	All vehicles will use existing tracks where possible. Drill sites should not require levelling owing to the relatively flat topography in the proposed work area. Drill sites and access tracks will be lightly scarified 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 For Rotary Mud drilling in ground sumps will be back filled when dry, with topsoil stored separately and returned to surface, light scarification will occur to the drill pad and sump.	*3*	*A*	*Low*	**Where soil disturbance occurs as a result of exploration activities, ensure that:** • **topsoil quality and quantity is maintained** • **the soil profile and topography is reinstated to original conditions** • **there is no accelerated soil erosion.**	Maintain before, during and after photographic evidence of all excavations, drillsites, camps, laydown areas and new tracks demonstrating that: • 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.

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**		
								Representative photos to be included within the annual exploration compliance report. Provide the information requested within the 'Rehabilitation' section of the annual exploration compliance report.
Surface water	Alteration to surface water – interference to surface drainage.	Yes (Applicable to exploration programs that are likely to impact on surface drainage channels.)	No drainage lines are present, but drill pads and sump areas will be rehabilitated in order to be returned to their previous state.	*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: • 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. AC drillhole backfilling will occur with the drill cuttings stored in 1m green bags. Cuttings will be poured down the open hole until full, and 'tamped down' at surface withnative soil mounded to prevent ingress of surface water (as per ISM21). If multiple aquifers are encountered drillhole will be grouted with cement. If significant water is intercepted the hole will be converted into a piezometer or water bore, which will be cemented above the screen so will block off any other potential aquifers.	*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 will be used on drill sites to prevent discharge of groundwater into the topsoil environment. AC drilling will use a 1000L plastic tub to contain significant water which will then be pumped into an IBC. Rotary Mud drilling will have in ground sumps and drains constructed to contain any water intersected.	*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	Yes	Access will be via pipeline access pre-existing tracks.	*2*	*A*	*Low*	**Rehabilitated access tracks remain permanently closed,**	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

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**		
	(includes previously closed and rehabilitated access tracks).	(Applicable to exploration programs that create new access tracks.)					**unless prior approval under the relevant legislation is obtained.**	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 drill sites will have dry pasture grass removed from sites where they present a fire risk. Standard fire-prevention procedures are followed and equipment requirements met by Andromeda and the drilling contractor. These requirements are for: •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/sat phone) to be present at the site at all times, •immediately call '000' on the outbreak of fire. 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; •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) 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: •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 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. All Andromeda work sites are smoke free.	*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. 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.)	Visitor inductions are mandatory for members of the public visiting Andromeda worksites.	*1*	*E*	*High*	**No accidents involving the public that could have been**	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.

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**		
			As part of the induction drillers will be informed that active drilling will stop when unannounced public are on site. 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. Maximum speed limit around worksites is restricted to 10km/h To ensure that the risks to all people from motor vehicle use is minimised, drivers must ensure that; • 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 • Spotter required for heavy vehicles entering Poochera-Port Kenny Rd from the pipeline access track. 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.				**reasonably prevented by the licensee.**	If an accident involving the public did occur, provide a copy of the independent investigation report within the annual exploration compliance report demonstrating that the licensee could not have reasonably prevented the accident through the implementation of precautionary measures.
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*	**No increase in background radiation levels, and employee/contractor exposure levels during the exploration program are within safe limits.**	Maintain a database and provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report demonstrating that: • 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 GWKP
ADN022 Emergency Plan GWKP
ADN024 Contractor Induction GWKP
ADN025 Visitor Induction GWKP
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

Figure 2 Chairlift prospect FBI and weather forecast from aurora landscape website https://aurora.landgate.wa.gov.au/fbc/#!/

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	474,847	6,367,550	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
Waterbore CW20WB002 (at GWKP)	12/07/2020	Photograph 2	475,895	6,367,840	53H	Underdale Drillers Atlas Copco T3W RAB drill rig mounted on 8x8 International truck. Typical water bore drill rig. Rig features on-board air and rod carousel, removing the need for a support truck for shallow drillholes.

Site identification	Date taken	Photo number & PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Details and Comments
CW20MB003	21/09/2022	Photograph 3	475,880	6,368,293	53	Water bore casing at GWKP (CW20MB003)

Site identification	Date taken	Photo number & PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Details and Comments
CWMW001	06/05/2019	Photograph 4	474,847	6,367,547	53	Piezometer casing at GWKP

Site identification	Date taken	Photo number & PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Details and Comments
Water stop valves adjacent drillsite 2	25/02/2025	Photograph 5	474,519	6,375,666	53	Water valves adjacent water pipeline access track

Site identification	Date taken	Photo number & PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Details and Comments
Drillsite 1	25/02/2025	Photograph 6	474,392	6,365,556	53	Aerial view of Drillsite 1

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.

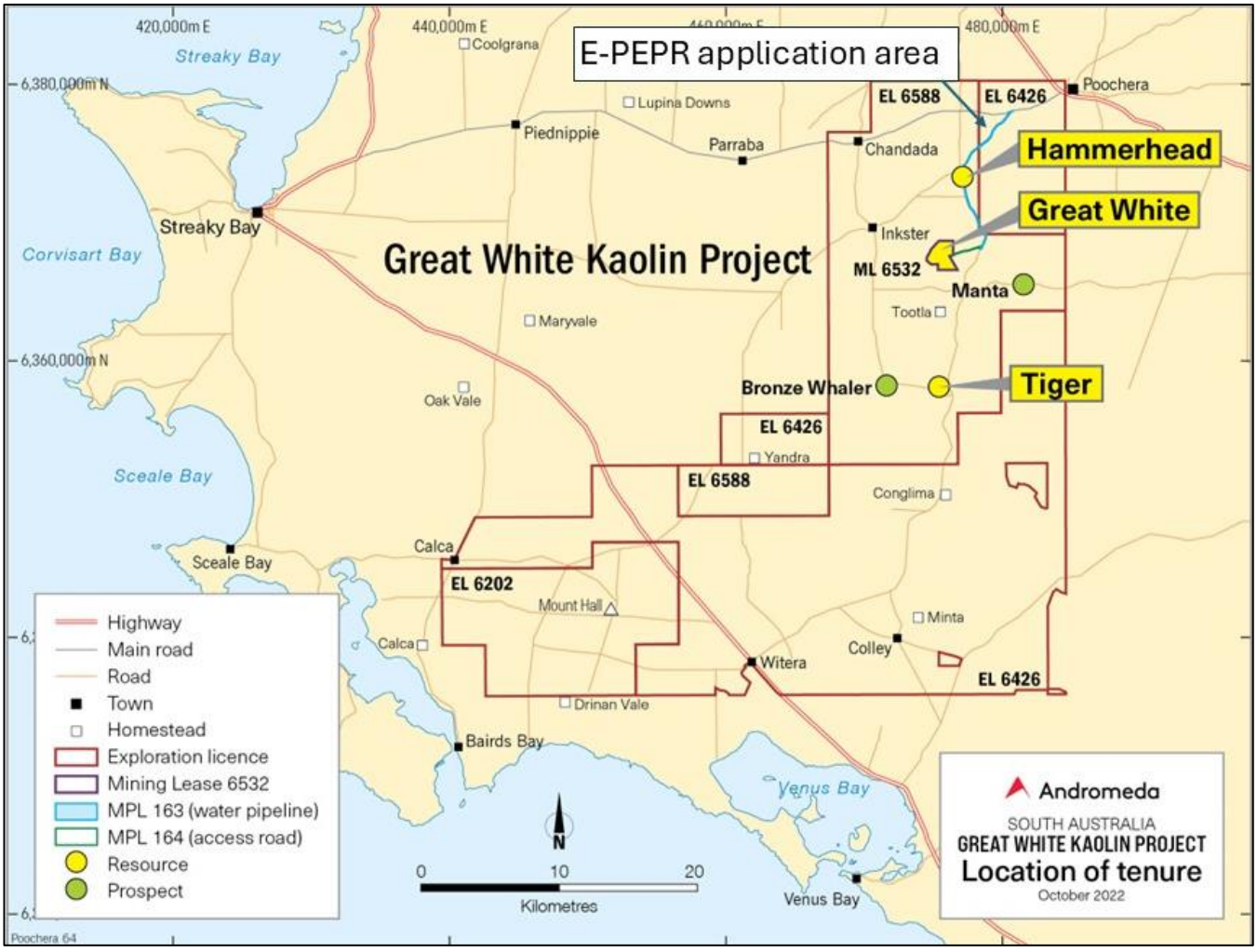

Figure 3. Map showing E-PEPR application area within MPL 163 and the other tenements of the GWKP.

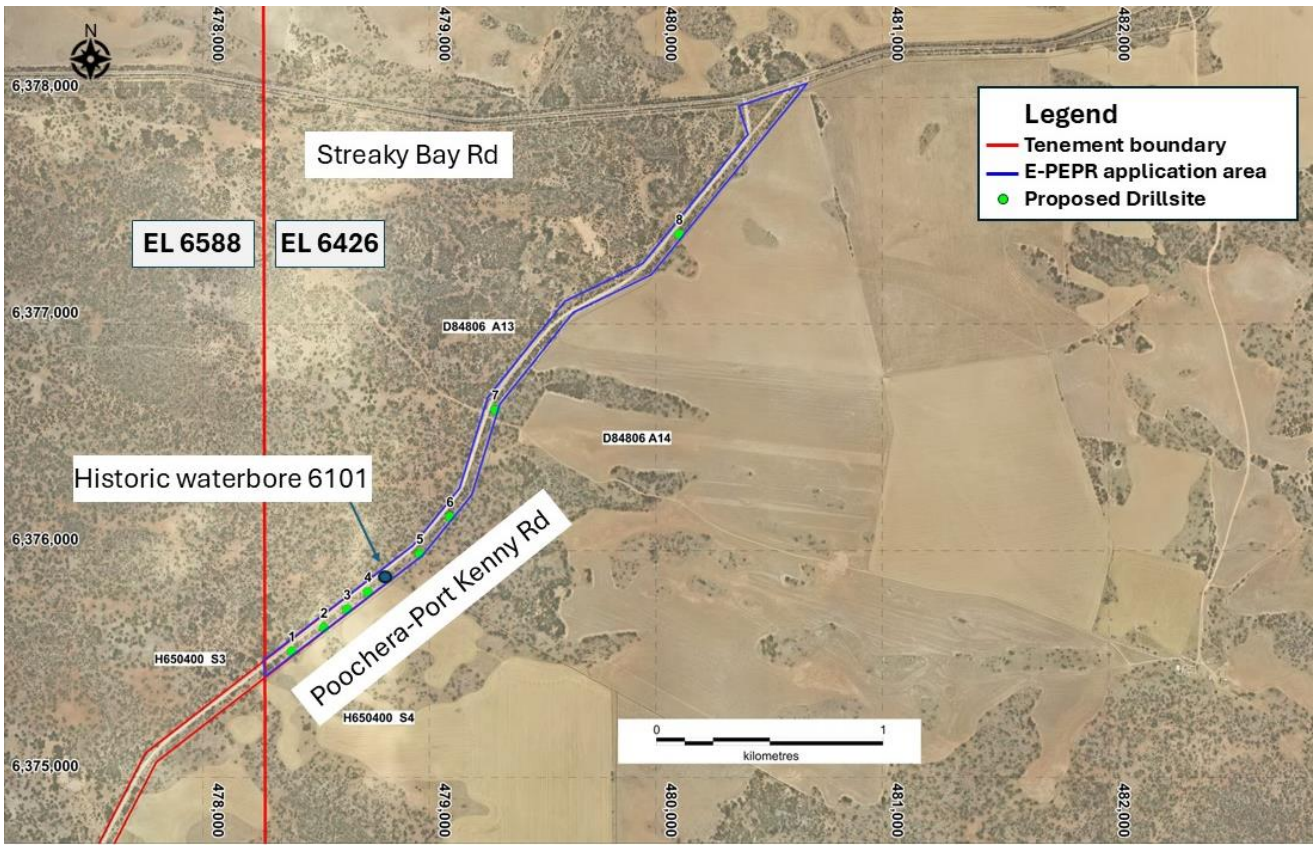

Figure 4 Planned drillhole locations and historic waterbore

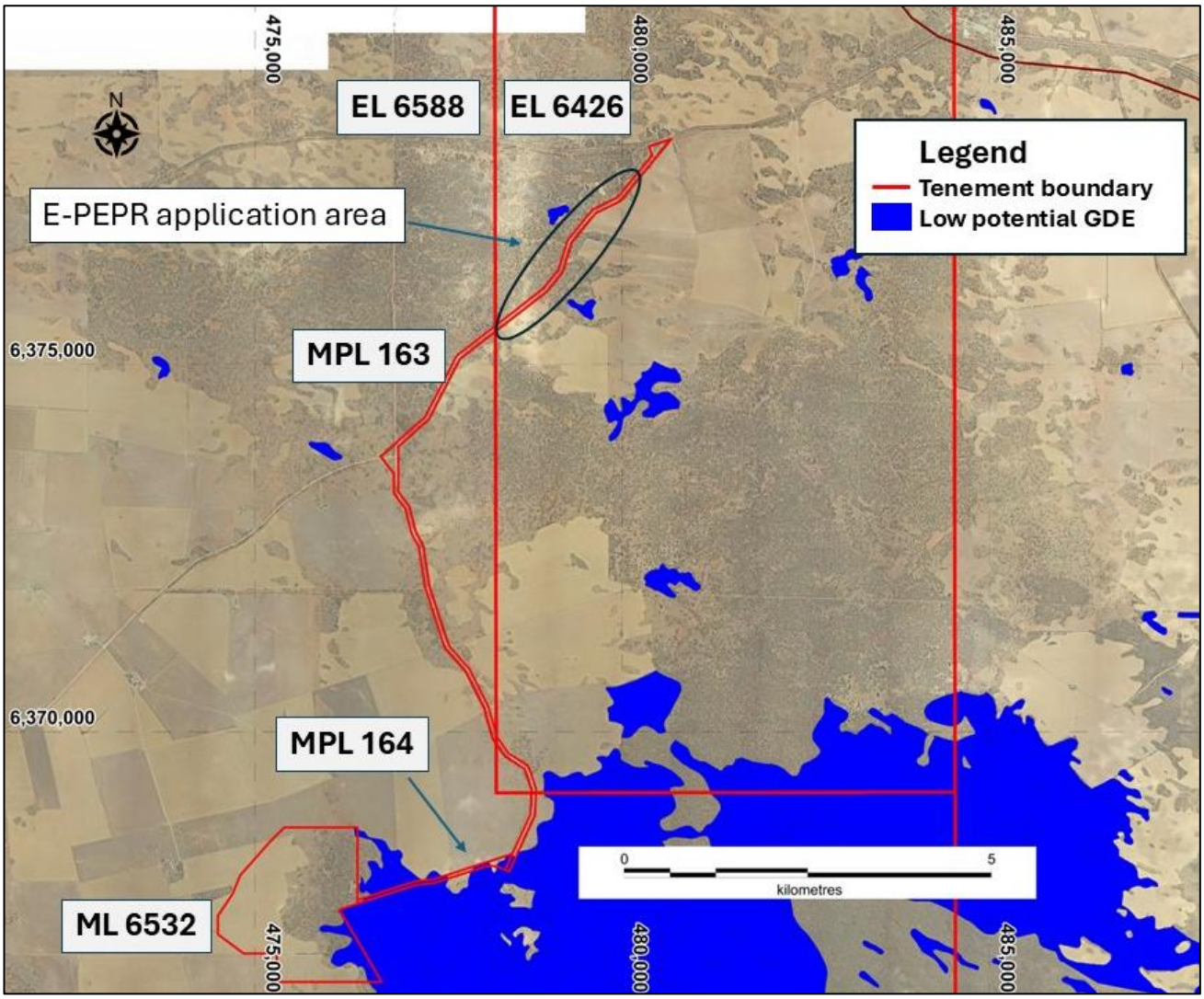

Figure 5 E-PEPR application area showing surrounding Terrestrial GDE's (sourced from www.BOM.gov.au/water/groundwater/gde/map)

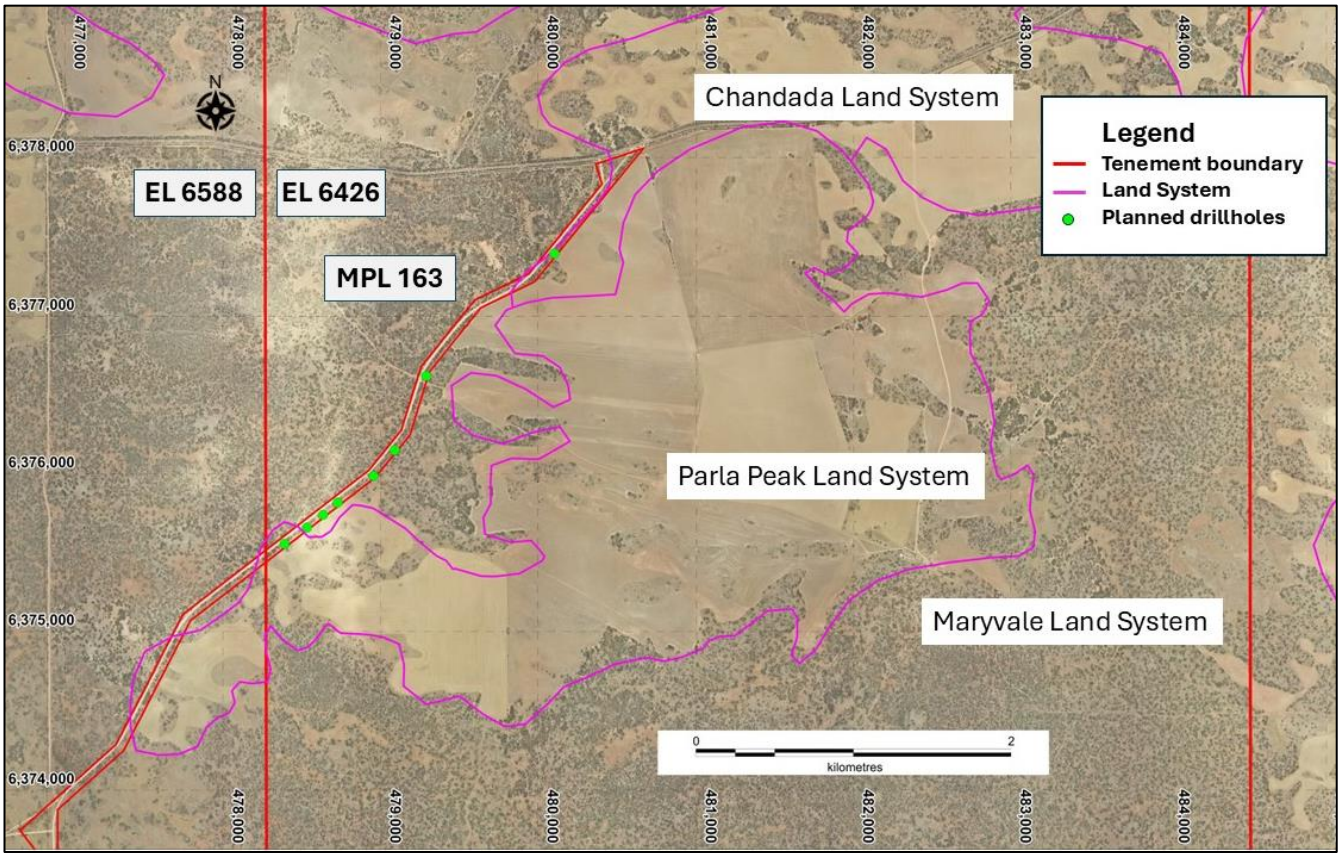

Figure 6 Soil/Land systems (sourced from www.pmst.awe.gov.au).

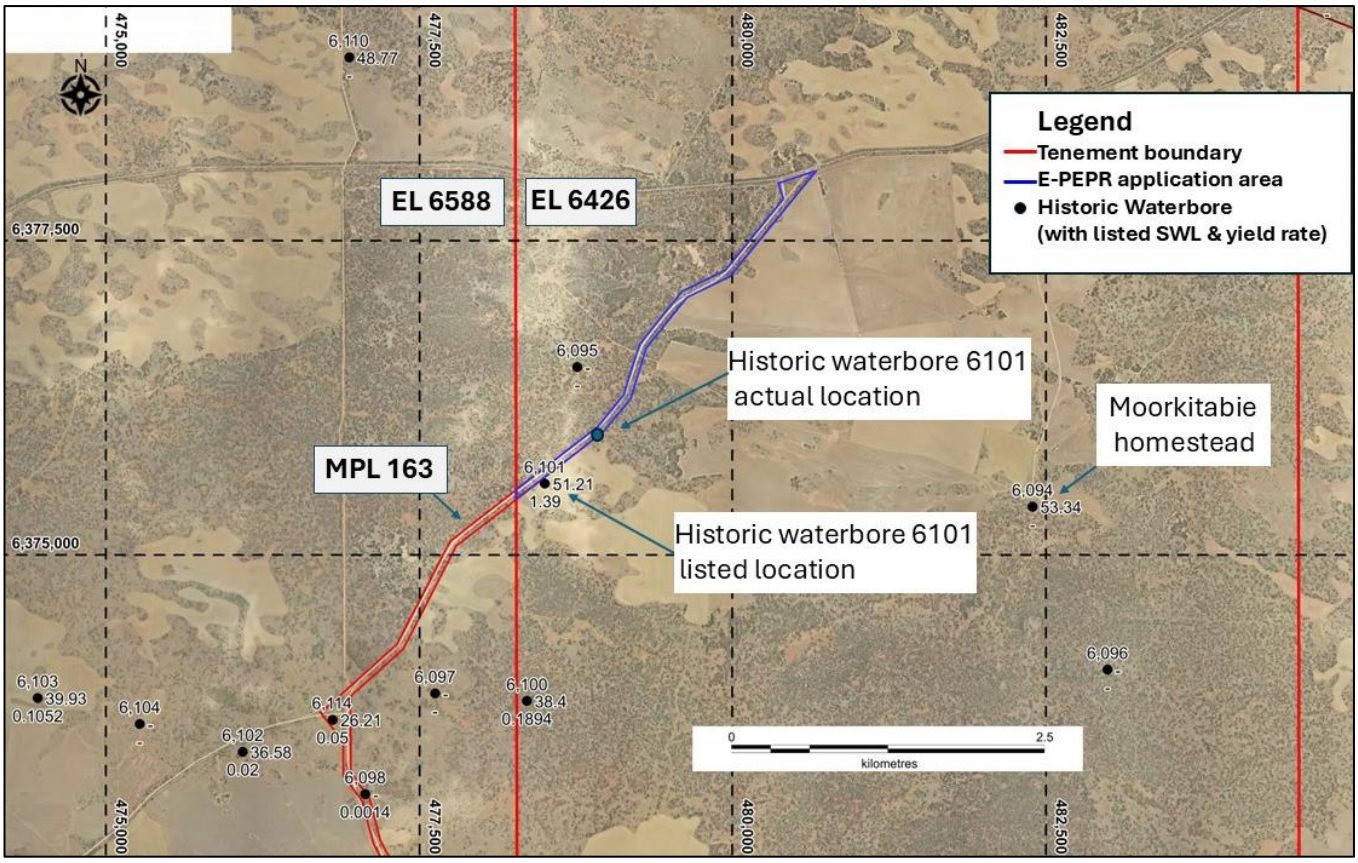

Figure 7 Listed waterbores near the E_PEPR application area, showing yield (L/s, below collar location) and Static Water Level (m/bgl, right of collar location), data sourced from www.map.SARIG.SA.gov.au.

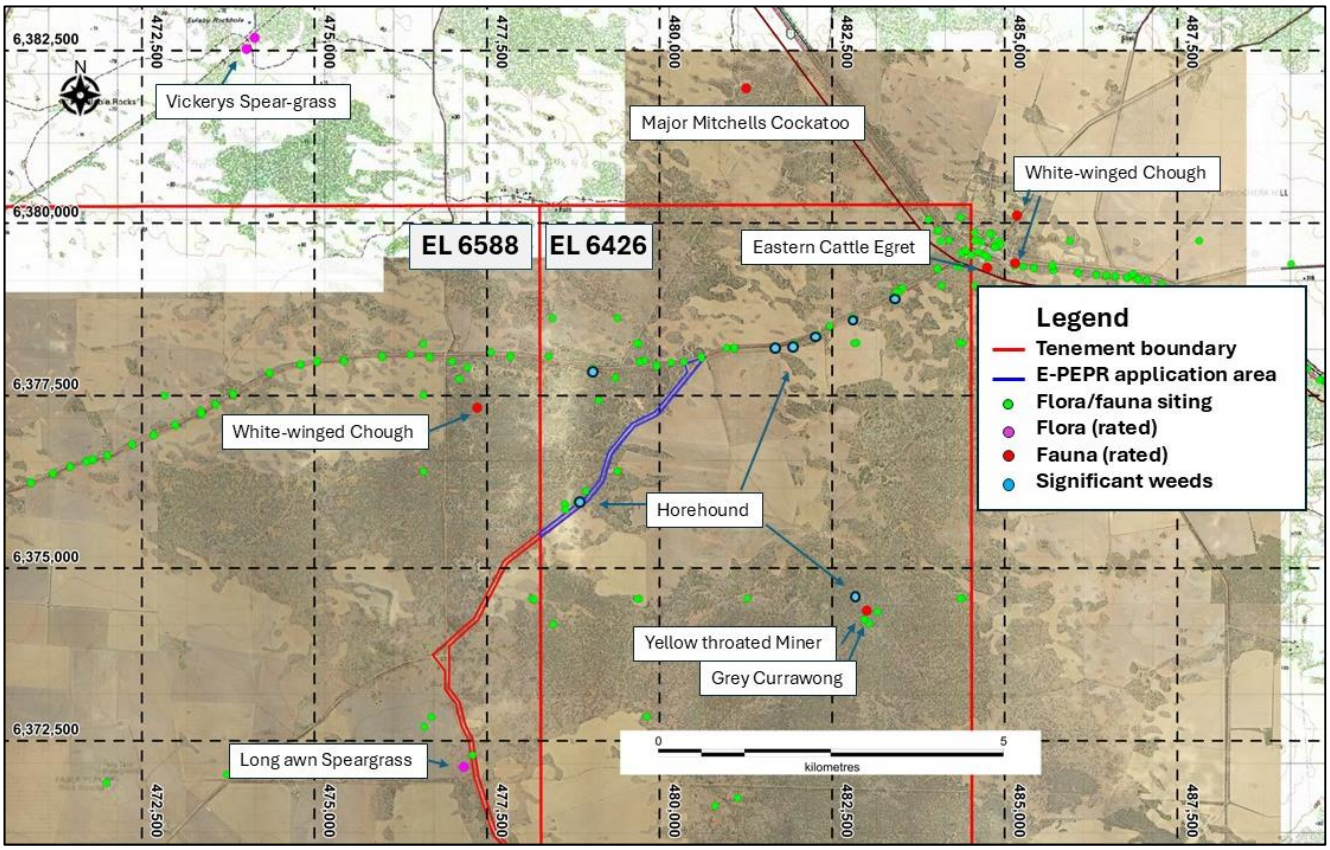

Figure 8 Vulnerable listed flora and fauna recorded species (sourced from www.ala.org.au and Naturemaps)

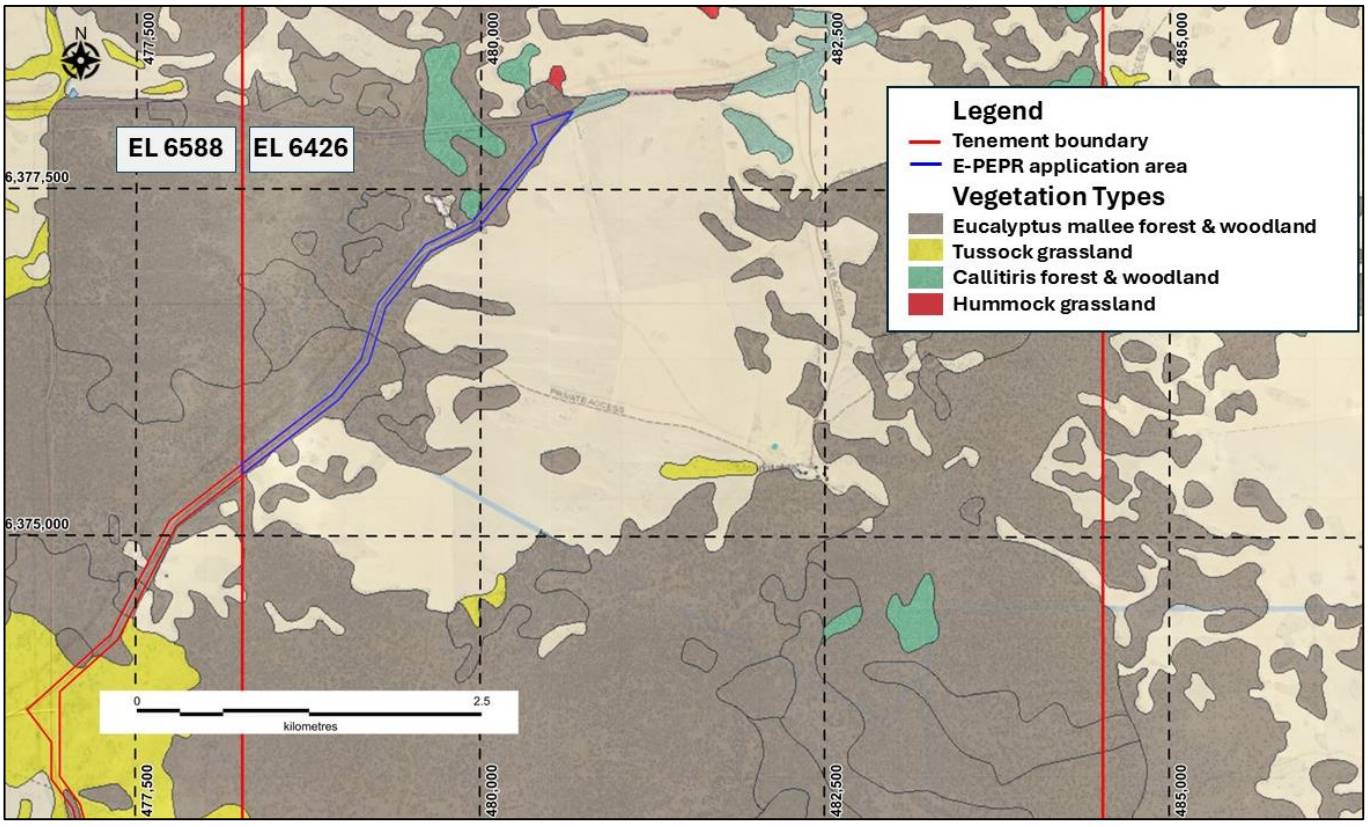

Figure 9 Vegetation types within the E-PEPR application area (sourced from www.naturemaps.sa.gov.au)

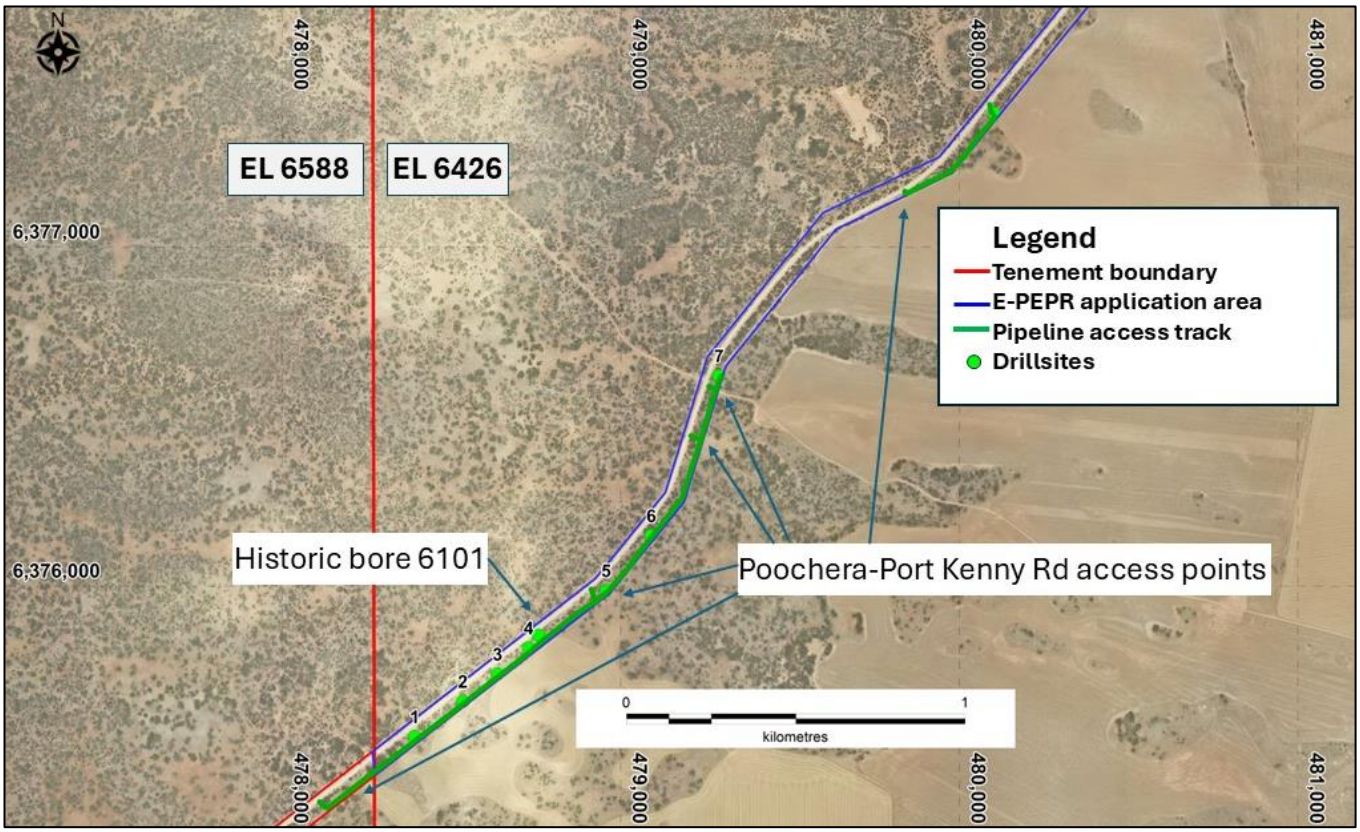

Figure 10 Access from Poochera-Port Kenny Rd onto pipeline access track

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.

Well Permit

Permit to undertake a Water Affecting Activity

Pursuant to section 112 of the Landscape South Australia Act 2019

Subject to full compliance with all the procedures, specifications and limitations contained or referred to in the conditions set out below.

Permission is hereby granted to

Chris Daniel

Permit Number:	**P-507555**
Permit Term:	**1 year(s)**
Expiry Date:	**4 April 2026**

To undertake the following water affecting activity

Activity	**Construct a new well**
Well Use	**Monitoring or Investigation**
At location	**134.77664278999998,-32.752173649999975** **CT6270/699, Allotment 14 Deposited Plan 84806**

Conditions

348480	WAA-100 - The activity authorised by this permit must only be undertaken on the land identified as follows: CT6270/699 D84806 A14
348481	WAA-102 - The equipment, materials and methods used in drilling, plugging, backfilling or sealing of a well, or the replacement or alteration of the casing, lining or screen of a well, shall not adversely affect the quality of an underground water resource.
348482	WAA-103 - Aquifers shall be protected during drilling, plugging, backfilling or sealing of a well, or the replacement or alteration of the casing, lining or screen of a well, to prevent adverse impacts upon the integrity of the aquifer.
348487	WAA-110 - The authorised activity must be undertaken by a licensed driller.
348494	WAA-318 - The well driller must submit a Well Completion Report to the Department within 30 days of completion of each activity authorised by this well construction permit.
348488	WAA-111 - If the well is considered unsatisfactory, it may be abandoned and a replacement well may then be constructed provided that the abandoned well is backfilled prior to the drill rig leaving the site.
348483	WAA-105 - Water samples are required from all wells drilled in respect of this permit.
348484	WAA-106 - Strata samples are not required.
348485	WAA-107 -The licensed well driller must forward with the report a plan obtained from the permit holder, who must mark thereon the location of all wells drilled in respect of this permit.
348486	WAA-108 - All wells must be drilled vertical unless written permission is obtained from the Minister.
348489	WAA-133 - All groundwater extracted during sampling and/or purging must be contained and disposed of in an appropriate manner to minimise risk to health and the environment.
348490	WAA-134 - This permit does not authorise the taking of water from the well for any purpose other than testing.
348491	WAA-136 - Wells are to be backfilled when no longer required for ongoing monitoring or investigation purposes.
348492	WAA-137 - The well subject to this permit must not be completed as an industrial water supply well unless prior approval has been obtained from the department.
348493	WAA-143 - This permit authorises the construction of a well on the portion of road adjacent to the land parcel described above.

AUTHORISATION: MINISTER FOR CLIMATE, ENVIRONMENT AND WATER

Date: 4 April 2025

GPO Box 1047, Adelaide SA 5001 MyWatermail@sa.gov.au mywater.sa.gov.au 08 8463 6876

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Additional information about this permit

Under section 216(1)(b)(ii) of the Act, you have a right of appeal to the Environment, Resources and Development Court against the imposition of any condition on this permit. The appeal must be instituted within six weeks of the date of permit issue. The appeal must also be served upon this department within that time.

The authority to undertake the water affecting activity, defined in the permit, is limited to the holder of the permit and cannot be assigned to another person. If the property upon which the permit work is to be undertaken is sold prior to the commencement of any work, the new landowner must make an application for a new permit.

The well construction permit is not an authorisation for a person to enter private property and prior authority must be obtained from the land owner in all circumstances.

The issue of this permit does not negate the requirement to comply with the provisions of other Acts that may impact on the activity undertaken pursuant of this permit.

This permit is not an approval to clear native vegetation. In South Australia, native vegetation is protected by the *Native Vegetation Act 1991*. Clearance includes the draining or flooding of land, including actions that result in the substantial damage to native vegetation, this might include activities that lower the water tables and, as a result, impact on water dependent wetland communities. In most cases the clearance of native vegetation requires the consent of the Native Vegetation Council. Further information regarding native vegetation clearance approvals, is available from: http://www.environment.sa.gov.au/managing-natural-resources/native-vegetation.

It is recommended that all drilling equipment be decontaminated prior to construction of a new well or rehabilitation of an existing well to prevent the introduction or transfer of iron bacteria. Similar precautions should also be taken with pump installation equipment.

The equipment, materials and methods used in drilling, plugging, backfilling or sealing of a well or the replacement or alteration of the casing, lining or screen of a well shall not adversely affect the quality of an underground water resource.

Aquifers shall be protected during drilling, plugging, backfilling or sealing of a well, or the replacement or alteration of the casing, lining or screen of a well, to prevent adverse impacts upon the integrity of the aquifer.

The activity must not adversely affect water-dependent ecosystems nearby.

Activities shall not have an unacceptable detrimental impact on cultural, heritage or social values.

This work may be subject to inspection by the Department's Drilling Inspectors.

If the name or contact details of the holder or their company changes, then the holder must notify this department within 21 days of the change occurring. Names and contact details can be updated online through the mywater customer portal (mywater.sa.gov.au).

Take note that the permit holder, or a person acting on behalf of the permit holder, who contravenes or fails to comply with a condition of the permit is guilty of an offence, and such acts or omissions may result in the variation, suspension or revocation of the permit.

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Well Permit

Permit to undertake a Water Affecting Activity

Pursuant to section 112 of the Landscape South Australia Act 2019

Subject to full compliance with all the procedures, specifications and limitations contained or referred to in the conditions set out below.

Permission is hereby granted to

Chris Daniel

Permit Number:	**P-507552**
Permit Term:	**1 year(s)**
Expiry Date:	**4 April 2026**

To undertake the following water affecting activity

Activity	**Construct a new well**
Well Use	**Monitoring or Investigation**
At location	**134.77278041,-32.75536176999998** **CT5513/340, Section 4 Hundred Plan 650400**

Conditions

348420	WAA-100 - The activity authorised by this permit must only be undertaken on the land identified as follows: CT5513/340 H650400S4
348421	WAA-102 - The equipment, materials and methods used in drilling, plugging, backfilling or sealing of a well, or the replacement or alteration of the casing, lining or screen of a well, shall not adversely affect the quality of an underground water resource.
348422	WAA-103 - Aquifers shall be protected during drilling, plugging, backfilling or sealing of a well, or the replacement or alteration of the casing, lining or screen of a well, to prevent adverse impacts upon the integrity of the aquifer.
348427	WAA-110 - The authorised activity must be undertaken by a licensed driller.
348434	WAA-318 - The well driller must submit a Well Completion Report to the Department within 30 days of completion of each activity authorised by this well construction permit.
348428	WAA-111 - If the well is considered unsatisfactory, it may be abandoned and a replacement well may then be constructed provided that the abandoned well is backfilled prior to the drill rig leaving the site.
348423	WAA-105 - Water samples are required from all wells drilled in respect of this permit.
348424	WAA-106 - Strata samples are not required.
348425	WAA-107 -The licensed well driller must forward with the report a plan obtained from the permit holder, who must mark thereon the location of all wells drilled in respect of this permit.
348426	WAA-108 - All wells must be drilled vertical unless written permission is obtained from the Minister.
348429	WAA-133 - All groundwater extracted during sampling and/or purging must be contained and disposed of in an appropriate manner to minimise risk to health and the environment.
348430	WAA-134 - This permit does not authorise the taking of water from the well for any purpose other than testing.
348431	WAA-136 - Wells are to be backfilled when no longer required for ongoing monitoring or investigation purposes.
348432	WAA-137 - The well subject to this permit must not be completed as an industrial water supply well unless prior approval has been obtained from the department.
348433	WAA-143 - This permit authorises the construction of a well on the portion of road adjacent to the land parcel described above.

AUTHORISATION: MINISTER FOR CLIMATE, ENVIRONMENT AND WATER

Date: 4 April 2025

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Additional information about this permit

Under section 216(1)(b)(ii) of the Act, you have a right of appeal to the Environment, Resources and Development Court against the imposition of any condition on this permit. The appeal must be instituted within six weeks of the date of permit issue. The appeal must also be served upon this department within that time.

The authority to undertake the water affecting activity, defined in the permit, is limited to the holder of the permit and cannot be assigned to another person. If the property upon which the permit work is to be undertaken is sold prior to the commencement of any work, the new landowner must make an application for a new permit.

The well construction permit is not an authorisation for a person to enter private property and prior authority must be obtained from the land owner in all circumstances.

The issue of this permit does not negate the requirement to comply with the provisions of other Acts that may impact on the activity undertaken pursuant of this permit.

This permit is not an approval to clear native vegetation. In South Australia, native vegetation is protected by the *Native Vegetation Act 1991*. Clearance includes the draining or flooding of land, including actions that result in the substantial damage to native vegetation, this might include activities that lower the water tables and, as a result, impact on water dependent wetland communities. In most cases the clearance of native vegetation requires the consent of the Native Vegetation Council. Further information regarding native vegetation clearance approvals, is available from: http://www.environment.sa.gov.au/managing-natural-resources/native-vegetation.

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The activity must not adversely affect water-dependent ecosystems nearby.

Activities shall not have an unacceptable detrimental impact on cultural, heritage or social values.

This work may be subject to inspection by the Department's Drilling Inspectors.

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Well Permit

Permit to undertake a Water Affecting Activity

Pursuant to section 112 of the Landscape South Australia Act 2019

Subject to full compliance with all the procedures, specifications and limitations contained or referred to in the conditions set out below.

Permission is hereby granted to

Chris Daniel

Permit Number:	**P-507553**
Permit Term:	**1 year(s)**
Expiry Date:	**4 April 2026**

To undertake the following water affecting activity

Activity	**Construct a new well**
Well Use	**Monitoring or Investigation**
At location	**134.77278041,-32.75536176999998** **CT5513/340, Section 4 Hundred Plan 650400**

Conditions

348440	WAA-100 - The activity authorised by this permit must only be undertaken on the land identified as follows: CT5513/340 H650400S4
348441	WAA-102 - The equipment, materials and methods used in drilling, plugging, backfilling or sealing of a well, or the replacement or alteration of the casing, lining or screen of a well, shall not adversely affect the quality of an underground water resource.
348442	WAA-103 - Aquifers shall be protected during drilling, plugging, backfilling or sealing of a well, or the replacement or alteration of the casing, lining or screen of a well, to prevent adverse impacts upon the integrity of the aquifer.
348447	WAA-110 - The authorised activity must be undertaken by a licensed driller.
348454	WAA-318 - The well driller must submit a Well Completion Report to the Department within 30 days of completion of each activity authorised by this well construction permit.
348448	WAA-111 - If the well is considered unsatisfactory, it may be abandoned and a replacement well may then be constructed provided that the abandoned well is backfilled prior to the drill rig leaving the site.
348443	WAA-105 - Water samples are required from all wells drilled in respect of this permit.
348444	WAA-106 - Strata samples are not required.
348445	WAA-107 -The licensed well driller must forward with the report a plan obtained from the permit holder, who must mark thereon the location of all wells drilled in respect of this permit.
348446	WAA-108 - All wells must be drilled vertical unless written permission is obtained from the Minister.
348449	WAA-133 - All groundwater extracted during sampling and/or purging must be contained and disposed of in an appropriate manner to minimise risk to health and the environment.
348450	WAA-134 - This permit does not authorise the taking of water from the well for any purpose other than testing.
348451	WAA-136 - Wells are to be backfilled when no longer required for ongoing monitoring or investigation purposes.
348452	WAA-137 - The well subject to this permit must not be completed as an industrial water supply well unless prior approval has been obtained from the department.
348453	WAA-143 - This permit authorises the construction of a well on the portion of road adjacent to the land parcel described above.

AUTHORISATION: MINISTER FOR CLIMATE, ENVIRONMENT AND WATER

Date: 4 April 2025

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Additional information about this permit

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Well Permit

Permit to undertake a Water Affecting Activity

Pursuant to section 112 of the Landscape South Australia Act 2019

Subject to full compliance with all the procedures, specifications and limitations contained or referred to in the conditions set out below.

Permission is hereby granted to

Chris Daniel

Permit Number:	**P-507554**
Permit Term:	**1 year(s)**
Expiry Date:	**4 April 2026**

To undertake the following water affecting activity

Activity	**Construct a new well**
Well Use	**Monitoring or Investigation**
At location	**134.77664278999998,-32.752173649999975** **CT6270/699, Allotment 14 Deposited Plan 84806**

Conditions

348460	WAA-100 - The activity authorised by this permit must only be undertaken on the land identified as follows: CT6270/699 D84806 A14
348461	WAA-102 - The equipment, materials and methods used in drilling, plugging, backfilling or sealing of a well, or the replacement or alteration of the casing, lining or screen of a well, shall not adversely affect the quality of an underground water resource.
348462	WAA-103 - Aquifers shall be protected during drilling, plugging, backfilling or sealing of a well, or the replacement or alteration of the casing, lining or screen of a well, to prevent adverse impacts upon the integrity of the aquifer.
348467	WAA-110 - The authorised activity must be undertaken by a licensed driller.
348474	WAA-318 - The well driller must submit a Well Completion Report to the Department within 30 days of completion of each activity authorised by this well construction permit.
348468	WAA-111 - If the well is considered unsatisfactory, it may be abandoned and a replacement well may then be constructed provided that the abandoned well is backfilled prior to the drill rig leaving the site.
348463	WAA-105 - Water samples are required from all wells drilled in respect of this permit.
348464	WAA-106 - Strata samples are not required.
348465	WAA-107 -The licensed well driller must forward with the report a plan obtained from the permit holder, who must mark thereon the location of all wells drilled in respect of this permit.
348466	WAA-108 - All wells must be drilled vertical unless written permission is obtained from the Minister.
348469	WAA-133 - All groundwater extracted during sampling and/or purging must be contained and disposed of in an appropriate manner to minimise risk to health and the environment.
348470	WAA-134 - This permit does not authorise the taking of water from the well for any purpose other than testing.
348471	WAA-136 - Wells are to be backfilled when no longer required for ongoing monitoring or investigation purposes.
348472	WAA-137 - The well subject to this permit must not be completed as an industrial water supply well unless prior approval has been obtained from the department.
348473	WAA-143 - This permit authorises the construction of a well on the portion of road adjacent to the land parcel described above.

AUTHORISATION: MINISTER FOR CLIMATE, ENVIRONMENT AND WATER

Date: 4 April 2025

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Additional information about this permit

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