



14 April 2025

Mr William Nesbitt
Exploration Manager
Tigers Dominion Group Pty Ltd
17 Rose Terrace
WAYVILLE SA 5034

william.nesbitt@whitetigerresources.com.au

Dear Mr Nesbitt,

Approval Notification - Exploration Program for Environment Protection and Rehabilitation (EPEPR2023-032) Review EL6341, EL6864

The program review for EL6341, EL6864, final version submitted on 7 April 2025 to conduct a 12-month extension to explore one or more of the remaining drill-ready exploration targets and the access track rehabilitation for the Mount Brady Project, has been approved in accordance with Section 70C 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 Review is approved for a period of twelve months from 27 September 2025.

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: DEW Hydrogeologist miningwatersciencereferrals@sa.gov.au

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

APPLICATION

Mining Act 1971 and Mining Regulations 2020



Government of South Australia

Department for Energy and Mining

EXPLORATION PROGRAM FOR ENVIRONMENT PROTECTION AND REHABILITATION (PEPR)

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

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

SECTION A – GENERAL DETAILS

Operational approval period	12 month approval period, with an additional 3 months to complete all rehabilitation		
Tenement details	EL 6341, EL 6864		
Tenement holder(s) (for each tenement)	Tigers Dominion Group Pty Ltd. (TDG)		
Operating company	Tigers Dominion Group Pty Ltd. 17 Rose Terrace, Wayville SA 5034		
Agency agreement (if applicable)	N/A		
PEPR prepared by	William Nesbitt – Exploration Manager, Tigers Dominion Group Pty Ltd E: William.nesbitt@whitetigerresources.com.au M: 0407 603 008		
Project supervisor/contact person(s)	Exploration Manager: William Nesbitt		
Project/prospect name	Mount Brady Project		
Location details	<p>The Mount Brady Project proposed new drill sites are located within the Mount Woods Inlier of the Gawle Craton, the Engenina 1:100,000 sheet, and cover Crown Land surrounding Coober Pedy, and McDoual Peak Station. Mount Brady is situated 40 km southeast of Coober Pedy and is within the Woomera Prohibited Area – Infrequent Use Zone. It is accessed by the Stuart Highway, well-established tracks, and some new access. Please refer to the appended Maps 1 and 2.</p> <p>Tigers Dominion Group (TDG) requests the following administrative change to this PEPR (EPEPR2023-032) per the MG22.</p> <p>In 2024 TDG completed drilling of 4 drill targets in compliance with this PEPR. TDG intends to explore one or more of the remaining drill-ready exploration targets in 2026 via the pre-approved access tracks. TDG requests a 12-month extension on the Mt Brady project access track rehabilitation until October 2026.</p> <p>Tigers Dominion Group (TDG) Mount Brady Project aims to further explore a complex zone of strongly remanent magnetised intrusive/skarn in the Mount Brady area, southeast of Coober Pedy. A diamond drilling program, initially consisting of four priority drillholes, is proposed to test areas of interest within EL 6341 for prospective nickel-sulphide mineralisation. The Mount Brady Intrusive Complex (MBIC) shows geological elements compatible with other major carbonate/skarn mineralisation model systems around the world, including the Palabora Complex, South Africa, which is regarded as a possible IOCG end member. The total program covered within this PEPR includes diamond core drilling of up to 13 drill holes, each to a depth of around 300 metres, planned over several drilling campaigns, each comprising a minimum of 4 drillholes. The program is designed to test multiple geophysical anomalies, following on from drilling program completed by TDG in 2022 under the DEM ADI grant program. The 13 new targets are all located within EL 6341 over an area overlapping and extending eastward from the previous ADI 2022 exploration area.</p>		
Project description, commodity type and mineralisation model			
Proposed project schedule	Start date	1 st October 2025	End date 1 st October 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	Michael Nesbitt	Signature (digital allowed)	
Position	Chief Operating Officer, Director	Date	27 March 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.

Desktop Reviews

- TDG have undertaken thorough desktop reviews of historic and current exploration data via its Exploration Consultant Mr. Chris Anderson, including public file GSSA and relevant exploration company information. Historical exploration activity within the area of the MBIC is limited to a campaign conducted by CRA Exploration Ltd. In the period from ~1983 – 1989 (DEM envelope Nos 04248 and 06732). Drilling included 6 holes in the western, more intensely magnetic portion of the MBIC, with only 2 holes (89EN46 and 83ERC01) completed with EL 6341.
- TDG has undertaken analysis and provided the requisite technical report submitted to DEM for the ADI 2021 exploration program. Under a new Farm-in Agreement with Rio Tinto Exploration (RTX), registered by DEM on 17 July 2023, the RTX exploration team have reviewed all of the TDG mining data and devised the next 13 drill hole locations, the subject of this PEPR.
- Communication has been made with Barry Fryar (Senior Property Officer – DEW) and Ryan Rankin (Manager – McDouall Peak Station).
- Access to Mount Brady drill sites is via the Stuart Highway (directly from Coober Pedy) and crosses EL5775 and EL6486 (Southern Iron Pty Ltd.) (**Map 3**). Email communication will be made to notify parties of work in the area and consultation will continue for all future exploration activities, including site reconnaissance visits, clearance surveys, and exploration drilling.

Field Visits for Reconnaissance

- The recent ADI 2021 drilling program provides detailed actual drilling and logistical information to enhance the knowledge TDG held at commencement of the previous approved PEPR, as included herein. TDG notes that much of the area in the extended drilling program is coincident with and extends from the previous exploration area, within a common natural environment.
- A heritage survey was undertaken in October 2021 with the Arabana Aboriginal Corporations, with three drill sites and access cleared and approved according to areas in **Photos 1-6**. One area of heritage significance was defined, and coordinates set to define an area prohibited from exploration access. Only one of these drill sites was used, and the two remaining drill sites will not be used, however the 2021 tracks and access routes will be used and extended upon as part of a new Exploration Clearance Survey to be conducted in October 2023, prior to mobilization for drilling.
- TDG conducted a Coober Pedy reconnaissance visit in June 2023, and decided accommodation for the program will be out of Coober Pedy, with the option of shearer's quarters at McDouall Peak Station. Equipment laydown areas will be identified within approved areas set as part of the exploration clearance survey for each of the drill holes.

Contractor Consultation

- Drill access tracks and drill pads will be constructed by suitably qualified civil contractors with direct experience in drill pad and road establishment.
- TDG is consulting with McDouall Peak Station Manager regarding their company, MBT Contracting, for providing a schedule of rates for exploration civil and support services.
- TDG have been in communication with a civil contractor based in Coober Pedy to provide a schedule of rates for civil contracting services.
- TDG have been in communication with suitably qualified drilling companies and plans to issue an RFQ within August 2023.

Other Information Used

- As stated above, TDG is applying the knowledge and experience gained from its recent ADI 2021 Exploration Program in preparation for this proposal. This includes:
 - planning access extending from the 2021 Exploration Clearance Survey approved tracks;
 - site establishment, water supply, lithology for drilling efficiency, nature of soils and flora and fauna and the subsequent learnings from rehabilitation;
 - utilising the contracting services familiar with the project and overall requirements where possible.
 - Access to Mount Brady drill sites is via the Stuart Highway (directly from Coober Pedy) and covers EL5775 and EL6486 (Southern Iron Pty Ltd.) (**Map 3**). Email communication will be made to notify parties of potential work in the area, and consultation will continue for all future exploration activities, including site visits, surveys, and drilling.

The following sources were used to obtain information:

- DEM Mineral Regulation Guidelines MG22 Mineral exploration and PEPRs and compliance
- DEM information Sheet– M33 – Environmental Objectives and M21 – Mineral Exploration Drillholes – General Specifications for construction and backfilling.
- Woomera Prohibited Area (WPA Access Zones) and Woomera Closures from <https://www.defence.gov.au/bases-locations/sa/woomera/access/exclusion-periods>.
- Far North Prescribed Wells Area 2020-21 Water Resources Assessment Report (Department for Environment and Water) DEW Technical Note 2022/19

Exploration PEPR application – 12-month period

Consultation (r. 64)

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

Tenement	Stakeholder	Land tenure	Land use	Date and type of NOE served	Type of exempt land	Date waiver obtained	Date consultation/access agreement and/or permits signed / authorised	Stakeholder concerns raised and how addressed
EL 6341, EL 6864	McDouall Peak Station	Pastoral Lease	Grazing	Form 21B - 20 th June 2023	N/A	N/A	NoE 42 days notice period ends on 1 August 2023.	No concerns were raised, undertaking to coordinate activities. Access gate between Station and Crownland discussed enabling the use of station water and access for exploration to continue East – positive feedback from Station Manager. Email and Phone contact were made, Station Manager to assist with Civil support and provide water. Communications captured within TDG Mt Brady - Communications Register.
EL 6341, EL 6864	DEW	Crown Land	Vacant	Form 21B - 30 th June 2023	N/A	N/A	NoE 42 days notice period ends on 11 August 2023.	No concerns were raised. Email communication made with Barry Fryar - Crown Lands has no objections from the issued Notice of Entry Form 21B.
EL 6341	AMYAC AC	Indigenous	Native Title	Form 21B NoE issued 10 July 2023	N/A	N/A	NTMA registered as RI 447 on 11/08/2020	Previous Cultural Heritage Clearance completed. New clearance survey to be completed prior to access and drilling drill hole numbers 1 and 12. Nil sites of significance have been identified or known. Complete exploration clearance survey in accordance with NTMA. Follow and comply with NTMA agreed heritage protocol in all ongoing mineral exploration operations.
EL 6341, EL 6864	Arabana AC	Indigenous	Native Title	Form 21B NoE issued 09 June 2023	N/A	N/A	NTMA registered as RI4444 on 10/02/2020 Request for Exploration Clearance Survey issued on 17 July 2023.	Previous Cultural Heritage Clearance completed. New clearance survey to be completed prior to access and drilling drill hole numbers 2 to 11 inclusive, and drill hole 13. One site of significance was previously identified. Complete exploration clearance survey in accordance with NTMA. Follow and comply with NTMA agreed heritage protocol in all ongoing mineral exploration operations.
EL 6341, EL 6864	SANTS	N/A	N/A	Form 21B – June 2023	N/A	N/A	N/A	No concerns raised upon receipt of NoE.

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 – Communication has been made with all “Owners of Land” per Form 21B, including Native Title groups. Communication will continue before, during and after the program as necessary.

Provide any additional relevant information.

TDG has established productive relationships through recent consultation and is applying the DEM code of conduct for stakeholder engagement to this project.

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.

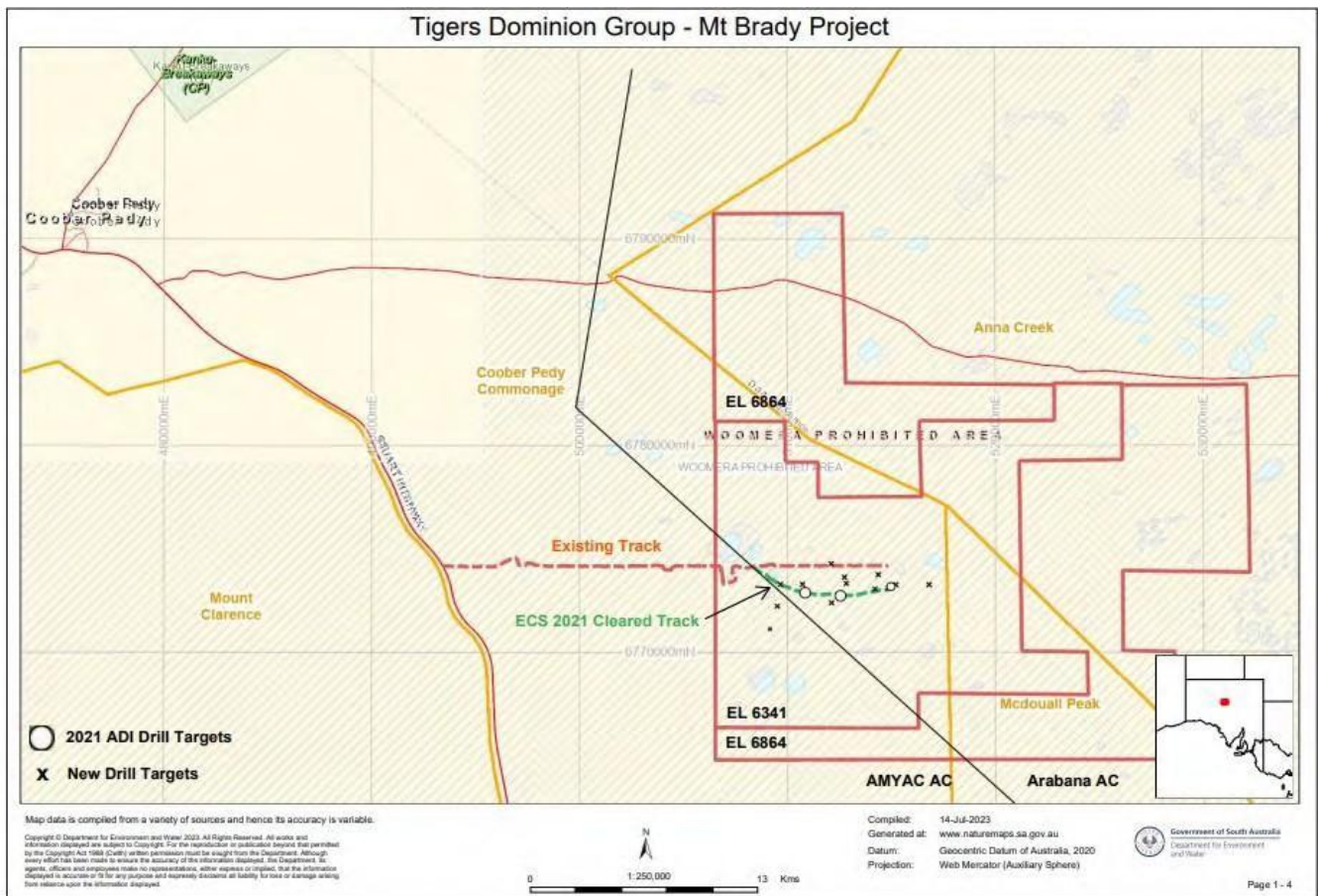
Proximity to infrastructure and housing

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.

The Mt Brady Project is in South Australia approximately 40kms Southeast of Coober Pedy township and is accessed by the Stuart Highway, well-established tracks, and new access. Exploration access and operations will be conducted entirely on Crown Land adjoining the western boundary of McDouall Peak Station, which has well-established roads, tracks and fencing. Existing tracks will be used to access priority drilling locations with some new tracks required to enable drill rig and support vehicle access to all 13 drill locations. The drilling locations are not in proximity to existing infrastructure (towns, sheds, yards, etc.). The area is within the Woomera Prohibited Area infrequent use zone.



Map 1. Drill Target locations (locations marked with "x") are within Cadastral Blocks H832900/B473 (Station Number 1104, Plan 832900), D91217/A50 (Station Number 1066, Plan 91217).

Exploration PEPR application – 12-month period

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	<input type="checkbox"/>
Pastoral lease	<input checked="" type="checkbox"/>
Perpetual lease	<input type="checkbox"/>
Crown land	<input checked="" type="checkbox"/>
Mining reserve	<input type="checkbox"/>
Aboriginal freehold/leasehold land (e.g. Anangu Pitjantjatjara Yankunytjatjara and Maralinga Tjarutja lands)	<input type="checkbox"/>
Forestry reserve	<input type="checkbox"/>
Marine parks	<input type="checkbox"/>
National parks, conservation parks, conservation reserves, regional reserves*	<input type="checkbox"/>
Adelaide Dolphin Sanctuary	<input type="checkbox"/>
Murray Darling Basin	<input type="checkbox"/>
Other*	<input type="checkbox"/>

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

* Indicates more information required in field immediately below.

Exploration PEPR application – 12-month period

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

None known to impact the project area – proposed exploration is outside of the Council area.

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

None known to impact the project area.

Provide any additional relevant information.

The Exploration targets lie on Crown Land – Barry Fryar (Senior Property Officer DEW) commented on the receipt of Notice of Entry:
“Crown Lands has no objections. There are crown licenses over this crown record but closer to Coober Pedy, that are not in the area of interest.”

Woomera Prohibited Area (WPA)

Will activities be conducted within the WPA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Do you have a resource exploration permit in place?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
In which zone will activities be conducted?	Defence Infrequent Use Zone (Green Zone)				
Does the Exploration Permit allow the operator to conduct exploration operations in the WPA?				Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
What is the expiry date of the resource exploration permit?				17/05/2030	
Identify closure periods that may impact on the exploration program.	No known closures listed for WPA Green Zone				

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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Do you have a Deed of Access with Defence?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
What is the expiry date of the Deed of Access?		
Provide the date the Range Control Officer granted access permission to conduct the proposed exploration operations.		
Describe the results of consultation and how any concerns raised were addressed.		

Exploration PEPR application – 12-month period

Native title

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

Native title			
Is the proposed area of exploration located on native title land?		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (If no, no further information in this section required.)	
Are there registered native title party/parties in the area of proposed exploration?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Arabana Aboriginal Corporation RNTBC AMYAC Aboriginal Corporation RNTBC	If no, an Environment, Resources and Development (ERD) Court determination is required.
Have you negotiated a native title mining agreement?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the agreement registered?*	- EL 6341 included in NTMA with both Arabana and AMYAC AC - EL 6864 included in NTMA with Arabana AC only
Have you accepted an Indigenous land use agreement (ILUA)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the ILUA registered?*	Yes <input type="checkbox"/> No <input type="checkbox"/>
Have you obtained ERD Court determination?†	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the determination registered?*	Yes <input type="checkbox"/> No <input type="checkbox"/>

* 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.

A Native Title Mining Agreement (NTMA) has been negotiated between Tigers Dominion Group Pty Ltd. and both the Arabana Aboriginal Corporation RNTBC (for and on behalf of the Arabana People) and the and Antakirinja Matu-Yankunytjatjara Aboriginal Corporation RNTBC (AMYAC) (for and on behalf of the Antakirinja Matu-Yankunytjatjara People). Both NTMAs are for the purpose of Part 9B of the Mining Act. The NTMA's are registered in accordance with section 63Q of the Mining Act 1971 and endorsed in the register on 10 February 2020 (Arabana) and 11 August 2020 (Antakirinja Matu-Yankunytjatjara).

Prior to the previous drilling program (ADI 2021) separate heritage clearance surveys were undertaken in conjunction with the Arabana and AMYAC with drill sites and access formally cleared (with exclusion areas delineated – Photos 1-6). Ongoing communication continues between the Arabana and Antakirinja Matu-Yankunytjatjara Peoples and TDG in advance of the subsequent exploration clearance surveys for the drill sites and access proposed within this PEPR.

Landform and topography

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

The Mt Brady drill areas are within the Stony Plains Bioregion, and consists of lowland sand and stony plains. The land systems in the region are characterised by undulating gibber plains and stony rises covered by low open woodland of mulga (*Acacia aneura*), with bluebush (*Maireana sedifolia*) or saltbush (*Atriplex vesicaria*) and woollybutt (*Eragrostis eriopoda*). Other features include clay pans, cane grass swamps and drainage lines, ephemeral lakes, and a few breakaways with drainage systems (Photos 7-9).

Topography is flat to gently undulating with several minor drainage channels with gentle slopes and shallow incised watercourses. Creek systems in the area are prone to natural erosion, especially following high intensity rainfall events. The gilgai and gibber land systems are prone to gully erosion. There is low erosion potential where removal of surface gravels may lead to minor loss of surface soils.

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.

The Mt Brady Project Areas (and surrounds) consist of calcareous loamy and duplex soils typical of an arid climate, including ironstone gravel spreads (partial protection from erosion) on alluvium and colluvium, and mudstone with fine-grained sandstone intervals. Soil profiles include dry silty sandy gravel, sandy gravelly clay, and sandy clay to depths of between 0.4 to 1 m. Drainage channels are characterised by fluvial clays, silts, and sands.

The erosion risk is increased if disturbance to the ground surface breaks the crust or removes surface gravels or vegetation. For this reason, existing tracks will be used as much as possible. Erosion and dust generated by driving on existing station tracks is low due to the meager clay fines content and good compaction of the soils through regular use. These tracks should not be overly affected by vehicle movements during the program.

Heavy vehicle traffic such as the project Water Truck will use a separate route with access from established tracks to the East on McDouall Peak Station, this will limit the environmental impacts on the existing Crown Land track and allow it to be relied upon as the main access route from Stuart highway for the exploration team in light 4WD vehicles.

It also offers an additional exit path if weather conditions change, and a track becomes unsafe or further use opens the potential to cause an environmental impact.

Exploration PEPR application – 12-month period

Surface water

Will the proposed program interfere with surface water bodies and natural drainage (e.g., drainage lines, creeks, floodplains, wetlands)? If yes, describe the potential interference and surface water bodies and natural drainage on maps. If no, indicate why.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
All areas of natural drainage will be crossed along existing tracks where the ground is already compacted and allows all traffic use. No new tracks will be created along or through natural drainage areas. The normal condition for lakes and creeks in the area is dry and runoff is temporary, occurring only after major and intense rainfall events. No travel through natural drainage will occur after such events, until tracks are dry enough as to not create any damage due to wet/damp soils.		
Is the program area located within water protection areas defined under the <i>River Murray Act 2003</i> ? If yes, provide the name(s).	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
N/A		
Is the program area located within any prescribed watercourses or prescribed surface water areas under the <i>Landscape South Australia Act 2019</i> ? If yes, provide the name(s).	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
N/A		

Groundwater

Is groundwater likely to be intersected when conducting the exploration program? If yes, use the table below to describe the expected groundwater (hydrogeological) conditions, and identify groundwater aquifers in the exploration area(s) that may be affected. Indicate the approximate depth of drillholes in each area. Copy and paste a new table for each area where different groundwater conditions are expected. If no, provide evidence or any supporting information demonstrating this.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
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Description of the locality/area where different groundwater conditions may be encountered					
Mount Woods Inlier, Coober Pedy Area – Groundwater is likely to be encountered in the Eromanga Basin units of the Cadna-owie Formation (sandstone, siltstone, calcareous sandstone and pebbly sandstone) and the Algebuckina Sandstone (quartzitic continental sandstone, with granule and pebble layers, minor shale and siltstone) or the Arkaringa Basin unit of the Boorthanna Formation (Diamictite with shale intercalations in the basal unit, the upper unit with rhythmically bedded coarse and fine-grained clastics).					
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
Bulldog Shale – Mesozoic Eromanga Basin	0 – 20 m	N/A	N/A	N/A	N/A
Cadna-owie Formation – Mesozoic Eromanga Basin	20 – 80 m	Eromanga Basin (non-artesian GAB)	20 – 80 m	Non-artesian, unconfined aquifer.	5,000 – >13,000 mg/L
Algebuckina Sandstone – Mesozoic Eromanga Basin	20 – 80 m	Eromanga Basin (non-artesian GAB)	20 – 80 m	Non-artesian, unconfined aquifer.	5,000 – >13,000 mg/L
Basement Rock – Proterozoic	100 – 300 m	N/A	N/A	Fractured Basement Rock Aquifer	<10,000 mg/L (TDS)

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

Possibly some livestock drinking water from bores, although generally no value as underground waters background TDS level mostly too high (> 13,000 mg/L).
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Provide a description of the existence, location and value of all Groundwater Dependent Ecosystems (GDEs) within and immediately surrounding the project area.

There are some moderate-high potential Terrestrial GDE's within the area, mostly associated with the drainage systems (Photo 10). No drilling will occur near these potential Terrestrial GDE's and any travel across waterways will avoid these areas and will mostly be along already established station tracks. There are no potential Aquatic GDE's present and no Subterranean GDE's analysed in the area (Photo 10).

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

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Provide any additional information, if required.

The program is located within the Far North Prescribed Wells Area. Water will be transported into the Project Area by water truck. TDG are aware of the requirement to obtain a water licence(s) and bore construction approval should they be needed. The program is located just inside the perimeter of the Far North PWA Zone B (45km buffer around the Far North PWA GAB Springs), therefore providing a buffer of around 40km to the nearest GAB springs to the north west.

TDG completed two Diamond Drill holes on EL 6341 to a depth of 300m in 2021. PEPR Reference Number 2021-052 drillholes MTB22DDH001 and MTB22DDH002. No aquifers were encountered during drilling. The 4 new priority drill target locations proposed under this PEPR are within 2.5 km from the exploration previously completed. The new drill targets are also planned to a completion depth of 300m. Based on our learning from the previous work undertaken, we do not expect to intersect groundwater at the proposed depth, however we intend to provide for up-to-date control strategies to mitigate such an event.

The data included for the Mt Brady drilling stratigraphy and groundwater has been formulated using information from groundwater studies undertaken by Termite Resources NL (Cairn Hill Magnetite – Copper – Gold Mining Project Mining and Rehabilitation Program, 2008, Microsoft Word - MARP FINAL 051108.doc (petroleum.sa.gov.au)). Cairn Hill mine is situated ~13 km south of the Mt Brady proposed drilling.

Native vegetation

Will you be working within areas of native vegetation? If yes, provide the following information: <ul style="list-style-type: none"> description of the formation and structure of vegetation in the area (e.g. woodland, shrubland, grassland) list of the dominant species. If no, indicate why you will not be working within areas of native vegetation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Vegetation in the area primarily consists of low open to very open chenopod shrubland, mallee and mulga woodland. 152 species of flora have been identified using an area covering all access and drill sites (no off-road driving along main access tracks) on Nature Maps – http://spatialwebapps.environment.sa.gov.au/naturemaps/?locale=en-us&viewer=naturemaps (Photo 11), with 9 being non-indigenous to the region, and 3 Species listed within the NPW Act (see table below and Map 4).		
Access to the drill sites should create minimal disturbance to native vegetation, due to the mix of shrublands and open plains, with minimal densely wooded areas. Clearing of native vegetation will only impact the ground cover, with vehicle tracks leading from the main access roads the main disturbance to flora. Clearing with the use of machinery should be unnecessary, although will be completed with raised blade to minimise impact to flora and soils if required.		

Significant habitats and flora

If you are working within areas of native vegetation, use the table below to list any significant habitats and any rare or endangered flora species located or reported to have been in the area that may be impacted by the proposed program. Include known sightings of listed species on a locality plan/map.

Species/habitat	Common name	NPW Act rating*	EPBC Act rating†
<i>Atriplex humifusa</i>		Vulnerable	
<i>Tecticornia cupuliformis</i>		Vulnerable	
<i>Sclerolaena blackiana</i>	Black's Bindyi	Rare	

* 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*).

The following list of 14 known weeds have occurred within the exploration area, although the true extent of numbers and coverage is unknown (**Map 5**).

- Bipinnate Beggar's Ticks (*Bidens subalternans* var. *simulans*)
- Bladder Ketmia (*Hibiscus verdcourtii*)
- Buffel Grass (*Cenchrus Ciliaris*)
- Feather-top Rhodes Grass (*Chloris virgata*)
- Flax-leaf Fleabane (*Conyza bonariensis*)
- Fountain Grass (*Cenchrus setaceus*)
- Hairyflower Lovegrass (*Eragrostis trichophora*)
- Malvastrum (*Malvastrum americanum* var. *americanum*)
- Speedy Weed (*Flaveria trinervia*)

To reduce the risk of introducing and/or spreading weeds and or pathogens into the project area all equipment will be washed down prior to entering site, hygienic kits to be kept in all vehicles, staff inductions and training (including presentation of Buffel grass prevention factsheets) to promote awareness of impacts, mode of spread, hygiene and control option, and discussions with landholders to determine their controls of infestations.

Fauna

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

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A fauna search using an area over all access and drill sites (no off-road driving along main access tracks) on Nature Maps – <http://spatialwebapps.environment.sa.gov.au/naturemaps/?locale=en-us&viewer=naturemaps> – (**Photo 11**) revealed 8 native species of mammal, 27 birds, and 25 reptile species. There are 6 introduced species within the project areas (and greater surrounds), which include Dingo (*Canis lupus dingo*), Fox (*Vulpes vulpes*), House Mouse (*Mus musculus*), and Rabbit (*Oryctolagus cuniculus*). 4 species are listed as significant, including 1 mammal, 2 birds and 1 reptile species. Locations of sightings of the species listed below have been included in (**Map 6**).

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Significant fauna

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

Species	Common name	NPW Act rating	EPBC Act rating
<i>Aphelocephala pectoralis</i>	Chestnut-breasted Whiteface	Rare	
<i>Ophidiocephalus taeniatus</i>	Bronzeback Legless Lizard	Rare	
<i>Phaps histrionica</i>	Flock Bronzewing	Rare	
<i>Pseudomys australis</i>	Plains Mouse	Vulnerable	

Note: NPW Act conservation status includes extinct, endangered, vulnerable, threatened and rare.

EPBC Act listings include extinct, extinct in the wild, critically endangered, endangered, vulnerable and conservation dependent.

Environmentally sensitive locations

Are there any environmentally sensitive locations within or close to the proposed exploration area (e.g. areas having particular ecological, cultural, scientific, aesthetic or conservation value)? If yes, provide a description of identified environmentally sensitive location(s). Mark these areas on a locality plan to identify any areas of conflict so that access roads or other activities can be planned and located effectively.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<p>An Exploration Clearance survey was undertaken in conjunction with the Arabana under the TDG-Arabana NTMA in 2021 that identified one aboriginal cultural heritage sensitive location which was designated by an exclusion zone. This area will be within our proposed MEO again for this PEPR work program. The location will be treated as an exclusion area, with the area fenced off with a suitable buffer zone provided.</p> <p>Arabana People NTMA (some exclusion zones included – Photos 1-6).</p>		
Are you likely to impact on the environmentally sensitive area? If yes, detail the likely effects the proposed program may have.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
N/A		
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.		
<p>Two exploration clearance surveys were undertaken in late 2021 as part of the previous ADI 2021 drilling program. A clearance survey conducted with AMYAC on the southwestern section of EL 6341 resulted in all drill sites and access routes/tracks being proved. A clearance survey conducted with Arabana on the northwestern section (main section) of EL 6341 resulted in all proposed drill sites and access routes / tracks being approved with the exclusion area noted. A request for an Exploration Clearance survey with Arabana was issued on 17th July 2023, this follow-on clearance survey for the 11 drill holes within the Arabana native title boundary will be conducted by TDG and Arabana prior to any new MEO being conducted. Any further sensitive sites will be noted, suitable exclusion zones established, and drill hole locations moved as necessary. The remaining 2 drill holes 1 and 12 are located within the AMYAC Native Title Boundary, TDG is yet to request an Exploration Clearance Survey for these sites.</p>		

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	1 – 3	Euro Exploration (Euro), Rio Tinto Exploration (RTX)
Field assistants/technicians	1 – 2	Euro
Drilling crew	3 – 4	Suitable accredited drill contractor – subject to RFQ (per shift)
Site preparation and rehabilitation	2	MBT Contracting or Coober Pedy based service provider
Shifts worked per day	Hours worked per day	Days worked per week
2	24	7

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Equipment type	Owner/operator	Description/capacity	Activity/purpose
1 x Multi Purpose Rig Capable of Diamond, Rotary Mud and Reverse Circulation Drilling	Drilling Contractor – TBD	6x6 or 8x8 truck/track mounted multipurpose rig – such as a Sandvik DE880 or equivalent (Photo 12).	Diamond drilling to depths around 300 m (Maximum). Reverse Circulation drilling to depths around 200 m
1 – 2 Support Truck(s)	Drilling Contractor – TBD	6x6 or 8x8 support truck	Carry fuel, water, rods, consumables
1 – 2 x 4WD vehicles	Drilling Contractor – TBD	4WD vehicle Ute or Wagon	Drill crew commute, light supplies
Water Truck	Contractor – TBD	6x6 or 8x8 truck with 25,000 L tank	Supply drilling water
1 – 2 x Toyota Landcruiser	Euro Exploration Services	4WD vehicle Ute or Wagon	Geologist and field assistant commute, light supplies and general work vehicle
Backhoe Loader	Contractor – TBD	CAT 430 (or equivalent)	Sump digging, rehab sumps
Grader	Contractor – TBD	CAT 140GC (or equivalent)	Track upgrading, maintenance

Provide any additional information, if required.

A multi-purpose 6x6 or 8x8 truck or track mounted multipurpose rig (dependent on company/availability) and support vehicles and water truck will be utilised throughout the proposed program. A backhoe loader will be required for sump preparation and rehabilitation and a grader (used sparingly) for track upgrading and maintenance.

Detailed are the estimated number of personnel and equipment on site for the core team and operations. Numbers may vary slightly if safety, technical, or operational support is required on site to assist the team; additional equipment may also be required to safely execute the drilling program.

Low impact exploration activities

Will low impact exploration operations be conducted that are not covered by the Generic program for environment protection and rehabilitation – low impact mineral exploration in South Australia , (generic PEPR)? If yes, describe each type of low impact operations proposed.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
NA		

Drilling activities

Will exploration drilling activities be conducted? If yes, fill out the below table	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
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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)
EL 6341	Diamond Drilling	13	300	3	3 off 4m x 3m x 2m (72 m ³) per drill hole	60m x 60m (3600 m ²)	-	-
TOTAL		13	3,900 m	39	936 m³	46,800 m²		

	Total number of drillholes (add each row to calculate the total).	Total metres proposed (maximum number of holes x average depth for each row then add each row to calculate the total).	Total number of sumps (maximum number of sumps x drillsites for each row, then add each row to calculate the total).	Total volume of sumps (maximum size of sumps x number of sumps for each row, then add each row to calculate the total).	Total area of disturbance (number of holes x average size for each row to calculate the total).	Total number of pads requiring excavation (add each row to calculate the total).	Total volume of material to be excavated (number of sites requiring excavation x average volume for each row, then add each row to calculate the total).
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* 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.

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All access tracks and drill pad locations will be approved by the Traditional Owners, and will be planned to minimize vegetation removal, avoid larger trees and isolated vegetation, and any areas of sensitivity identified during the set out and clearance.

The TDG Exploration Manager will coordinate the clearance survey and provide expertise in civil works together with the knowledge from preparation of this PEPR and its detailed requirements to be complied with. The TDG Exploration Manager will coordinate the mapping and photographic recording of the clearance survey so that all set-outs are recorded in GPS based mapping.

A drill site area of 100m x 100m will be approved in the clearance survey and pegged and flagged to control safe and effective drilling operations, turning circles and buffer zone with lay down area for equipment and samples. Drill pads, subject to the drilling rig and operation will be **60m x 60m** in area, located within the 100m x 100m drill site clearance area. Where possible, drill pad surface vegetation will be cleared using a minimal impact approach of blade up in order to retain rootstock, topsoil, and seed to encourage regeneration. Where vegetation is thicker, a blade down approach may be necessary with the removal of topsoil minimised as much as possible. Any removed topsoil and cleared vegetation will be stockpiled ready for rehabilitation in order to aid vegetation re-growth. Each drill site will have up to 3 sumps, each sump 3m x 2m x 2m in size. Sumps will be dug using a backhoe with one side ramped to allow for any trapped fauna to escape. **Topsoil from the sumps will be separated from the bulk earth removed and stored separately, when rehabilitation occurs the topsoil will be relayed back on the surface.** The drill site will have an entry access track at one side and an exit track from the opposite side looping back to the main access.

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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>
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.		
<p>Diamond Drilling – The Mud Rotary technique will be utilised to complete the drilling of the cover units before diamond coring is utilised to drill through the basement rocks, generally as follows:</p> <ul style="list-style-type: none"> - Rotary mud drill with 7 1/2" Blade to approximately 24m. Run 6" class 12 pvc with glued flange top fitted, each join glued and screwed with centraliser installed to each 6m length. Pressure cement 6in conductor. Conductor cementing operations will use 1.50sg cement using 11.5 20kg GP Cement bags, 5.75kg of Bentonite and 245.90L of potable water per 24m conductor. Seal around casing plus an extra 20% for potential formation blow out + 2m plug inside casing. Standby for 24hrs for cement to set. - Drill rotary mud with 5 1/4" PCD from approximately 24m to approximately 150m, actual depth will be dependent on cover thickness. Pull out and change to HWT casing and case off with HWT. Complete a casing pack. - Run 3 mtr HQ3 core barrel and drill to End of Hole (EOH) estimated at approximately 300mtrs but could be deeper depending upon units intersected. PQ rods may be used at the basement contact if ground conditions require. If challenging drilling conditions are encountered, 6m NQ core barrel will be used to E.O.H. Please refer to the indicative drillhole design in Figure 1.		
When describing drillhole decommissioning requirements, include the materials to be used, stratigraphic intervals where cement plugs will be placed, if the casing will be removed and when decommissioning will occur after drilling is completed.		
All steel casing will be retrieved once drilling is completed and the PVC will be left in the ground and the hole capped temporarily until rehabilitation can take place (once all drilling finished). Excavations up to 40 cm will be made around the PVC collar which will be cut, capped, and plugged, with topsoil used to backfill the digging. Any cover sample material not collected for assays or stored off site will be placed down the drill hole (deepest material first), or in the sump prior to backfilling. Down hole surveys will be conducted throughout the exploration program, on completion of drilling and surveying, all drill holes will be backfilled to the surface in-line with the M21. If any drill hole penetrates a confined aquifer (possible), it will be grouted above, within, and below (consistent with the M21 General Specifications for Construction and Backfilling protocols) to ensure water flow to the surface is prevented. Cement for grouting will always be available on site, stored on a pallet in a bagged form in readiness for grouting as required. The drillers mix all their grout/cement in the mud tanks on site and deliver straight to the drill hole via that mechanism. They can grout above and below perched aquifers (if encountered) and the collar of the hole on completion. Grout/cement characteristics are determined by exact ground conditions but generally comprise a general-purpose cement + water and may contain sand, gravel, bentonite, or hydrated lime. Bentonite is not generally used too close to surface where it may dry and shrink. If water ingress is substantial an accelerant such as calcium chloride may be added to cause the grout to set more rapidly. Rapid set cement can also be substituted for the general-purpose cement. Drill sumps (when dry) will be filled in with the stockpiled subsoil and followed by topsoil. Drill pads will be shallow ripped as required (rake or scarifier) on the contour where possible to relieve seed germination. Any vegetation etc. previously removed to create the pad will be spread back across the site. All rubbish (including cigarette butts, ear plugs, etc.), hydrocarbon material and chemicals will be removed and appropriately disposed in within a designated waste disposal site (Cooper Pedy Rubbish Dump).		

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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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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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)
N/A						
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

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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).

Cover samples will be collected in 1 m intervals downhole. These samples will be contained in green bags or placed on-ground (dependant on amount of sample/sample quality produced) with plastic sheeting/tarps laid down to collect any spills, leaks, or spoils (minimise discolouration at surface). Samples from each metre will be collected into chip trays for lithological logging and calico bags (2-3 kg, possibly composite samples) as a physical record or assaying if required.

Sampling for the basement drilling involves core (HQ or NQ2) being placed in trays, which are metre marked and logged (lithological, geotechnical) onsite and then transferred to Adelaide (Euro storage) for completion of logging (as required), sample identification and cutting to occur after completion of drilling. Any core cut will be placed in calico bags (sample numbers on front) and sent for geochemical analysis (Adelaide laboratory – TBD).

On completion of the drill program and following interpretation of the drill results, any remaining samples will be put into sumps and buried during rehabilitation. Any empty sample bags left on site will be collected and disposed of within a designated waste disposal site (Coober Pedy Rubbish Dump).

Access routes to work areas

Will existing tracks require upgrading and/or maintenance? If yes, detail the work required to upgrade/maintain existing tracks.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Majority of the existing tracks leading from the Stuart Highway to the eastern exploration area, are well-established and will not require upgrading, although the main access tracks will be maintained throughout the program or at the end as necessary. Following completion of the drill program and departure of the drilling contractor, any new tracks will be rehabilitated with a loader and grade existing main tracks back to pre-drilling campaign condition as necessary.		
Will access be required across adjoining tenements? If yes, detail the method(s) for gaining access, and if an agreement is in place with all stakeholders. Include the total area of disturbance required (i.e. length (km) and width (m) of tracks) and provide on a locality map.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Access to Mt Brady drill sites is via the Stuart Highway (directly from Coober Pedy) and covers EL5775 and EL6486 (Southern Iron Pty Ltd.) (Map 2). No new access is required across these tenements as an already established track is available. Email communication will be made to notify parties of potential work in the area and consultation will continue for all future exploration activities, including site visits, surveys, and drilling.		
Will access off existing tracks be required? If yes, detail the method(s) for gaining access and if vegetation clearance is required. Include the total area of disturbance (includes drill traverses and seismic lines) required off existing tracks (i.e. length (km) and width (m) of new tracks).	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
The proposed drilling requires ~15 km of uncleared off-track access and 3 km of uncleared existing tracks access to all holes (Map 1 and 2).		
Drill hole locations and the desktop planned access routes may vary slightly as a result of the clearance survey findings, so there may be some discrepancy in track location and length as listed here, although the change is expected to be minor whilst procedures to minimise impacts on the environment will be applied during the clearance survey and into the drilling operation, as follows:		
<ul style="list-style-type: none"> - Majority of the new drill site access routes should be direct paths from the existing formed tracks. This is achievable given the variety of dense/sparse vegetation and gibber plains provides a suitable vehicular access path as is, without surface clearing / preparation. Vehicular movements should only affect ground cover as the path created by the drill rig, support truck(s), LVs, and other vehicles using the same wheel tracks helps retain rootstock, topsoil and seeds to encourage regeneration. - If machinery is required (maintain/repair existing/new tracks), low impact methods such as raised blade, will be used to reduce the impacts and chance of erosion, and strict operational guidelines (as outlined in DEM M33 Objectives and Guidelines Document) will be followed to reduce environmental impacts will always be followed. 40 km/h speed limits on all existing station tracks and 15 km/h on new tracks will be applied during the program. - All access along new tracks will be single lane. There is natural drainage within the drill areas, however, all is associated with the existing access to sites and will only be crossed on tracks that are in very good condition and less susceptible to erosion. Where new tracks need to be cleared natural drainage will be avoided. 		

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

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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.		
Accommodation for field staff is most likely to be at Coober Pedy – due to the proximity of the drill site to Coober Pedy no camp is considered necessary.		
What is the maximum number of personnel requiring accommodation?	8 – 14	
Is a campsite required to be established? If no, no further information is required.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Provide a description and justification of the camp location (e.g. previously cleared areas etc.), and any other relevant information.		
What will be the total area (ha) of the campsite(s)?		
What will be the total area (ha) of vegetation clearance for the campsite?		
If vegetation clearance is required, describe the methods used to prepare the site.		
Will any excavations be required?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If yes, describe the purpose of the excavation and the maximum volume (m ³) of material to be excavated.		
Are the proposed ablution facilities endorsed/approved for use by the Department of Health or local council, where applicable? If no, indicate why.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Proposed infrastructure (includes caravans, tents, offices, hydrocarbon and water storage requirements etc)	Quantity	Description/capacity
Caravan	1 – 2	Workshop / Office
Portable Toilet	1	Hired from Port Augusta / Ceduna
Diesel Daymaker/s	2 - 3	Lighting towers for flood lighting of night operations
Diesel Generator	1	10KVA
Hydrocarbon Storage (bundled areas)	1	TDG implement procedures for managing hydrocarbons and hydrocarbon spills and will position the hydrocarbon storage area at the campsite. Field personnel refuel machinery Field personnel install rubber conveyor matting or hydrocarbon spill matting at the refuelling locations to catch drips during the refuelling process.
Water tanks	1 – 3	1,000L pods or water tank (~10,000L) may be utilised during the program.

Laydown area details		
Will laydown areas be required? If no, no further information is required.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Will the laydown area(s) be located at the same location as the campsite? If no, has the location(s) been discussed with the landowner?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
What will be the maximum area (ha) required for the laydown area(s)?		
What will be the total area (ha) of vegetation clearance for the site?		
If vegetation clearance is required, describe the methods used to prepare the site.		
N/A		
Will any excavations be required? If yes, describe the purpose of the excavation and volume (m ³) of material to be excavated.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
N/A		

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Proposed infrastructure (includes hydrocarbon and water storage requirements)	Quantity	Description/capacity
Hydrocarbon Storage (bunded areas)		Utilise Coober Pedy base storage
Water Storage		Utilise Coober Pedy base Storage
Drill Equipment	As Necessary	Drill rods, drilling muds, pumps, casing, and other drilling equipment, stored and stacked neatly with bunding (where necessary) to capture leaks/spills.
Provide a description and justification of the location (e.g. previously cleared areas), and any other relevant information if required.		
<p>Laydown areas are provided within each 100m x 100m drill site, surrounding the 30m x 30m drill pad, with a central laydown / logistics area provided in Coober Pedy township.</p> <p>Hydrocarbons (such as diesel), and other drilling consumables (muds, A and B foam, etc.) are to be stored on the back of the support trucks (specific tanks for diesel) to be accessible for drilling. All fuels are contained on plastic bunding and covered with plastic when required to be stored on the ground. Excess drill muds will be stored at the laydown area off ground (pallets, etc.) and bunded (plastic sheeting) to ensure any leaks are contained. Water will be stored in tanks or on support trucks.</p>		

Other exploration methods and/or ancillary operations

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

Water supply and management

Will camp and/or drilling water be required? If yes, describe how and where water will be sourced for drilling, track maintenance and camping purposes (e.g. groundwater, surface water, mains). Provide details on the volume of water required and how wastewater or runoff water will be managed.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<p>Drilling water will be required. As there is no camp planned, there is no camp water requirement.</p> <p>Mud rotary techniques use drilling muds mixed with water and used throughout the drilling process to help condition the hole. Diamond drilling also uses water throughout the drilling process to lubricate the bit, although it is difficult to determine how much water will be needed throughout the program as it will depend on effectiveness of recycling within the sump filtering, sump evaporation and recovery versus drill hole loss. The estimated water requirement per 300m drill hole is in the order of 100kL.</p> <p>To minimise heavy vehicle trips on the access tracks, water trucks with tank capacities of around 5kL – 10kL will be utilized where possible. All water injected or intersected during drilling will be contained within the drill sumps throughout the program. Sumps will be given time to dry following the completion of drilling. Spoils/drilling muds remaining in sumps will be buried on-site during rehabilitation.</p> <p>All water required for the drill program is proposed to be sourced from McDouall Peak Station.</p>		
Will surface water and/or mineral drillholes be used as a water source/supply? If yes, indicate if a licence for water extraction/usage is required (refer to relevant Natural Resources Management water allocation plan available on the Department for Environment and Water (DEW) website. If a licence is required and has been obtained, please attach a copy. Where a licence has not been obtained, include a statement confirming that a licence will be obtained before the extraction and/or usage of water.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
N/A		

Groundwater and drilling investigation activities

Will any water bores be required and/or water investigation activities (e.g. pump testing, water monitoring sites, water storage, turkey nests/dams) be conducted? If yes, describe the water drilling and investigation activities, including site preparation, vegetation clearance, and safety and maintenance requirements.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
N/A		
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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>
N/A		

Water affecting activities

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

Exploration PEPR application – 12-month period

Management of hazardous materials

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

Rehabilitation

Detail all the activities and strategies relating to the remediation of impacts associated with the proposed exploration operations. Completion of rehabilitation must be achieved within 3 months after the expiry of this PEPR.
Site Induction and Pre-Start Checks <ul style="list-style-type: none"> • Site inductions for personnel to cover post-drilling site rehab/clean-up. • Hydrocarbon spill kit readily available at each site. • Mechanized equipment is inspected for leaks before use.
Access Tracks and Routes <ul style="list-style-type: none"> • Drill access tracks, drill pads and sumps to be constructed by station staff as operators with inducted experienced field staff (TDG) as supervisors to ensure station needs and environmental conditions (as per PEPR) are met. • Limit drill access to a single lane track. • Separate Heavy Vehicle route will be established for the water cart to haul drilling fluids to site, this will use the established track on McDouall Peak station and limit excessive degradation of existing access roads. • Where new tracks need to be created, a path of least resistance will be selected to avoid soil types that are more susceptible to erosion. • Tracks will be created by the wheels of trucks and other vehicles travelling across to the drill sites without the need for machinery and clearing of vegetation or surface soils. If machinery is required (maintenance), low-impact methods such as raised blade, will be used to reduce the impacts and chance of erosion. • Limit vehicle speeds to 40 km/h on all existing station tracks and 15 km/h on new tracks throughout the program.
Drill Hole <ul style="list-style-type: none"> • Drill hole collar casing capped once hole completed. • Collar cut-off below ground level, plugged and covered with soil once hole no longer required, or in specified timeframe of rehabilitation regarding this PEPR. • Initial rehabilitation immediately upon completion of drilling (i.e., hole plugging, hydrocarbon and rubbish removal).
Drilling Water Sumps <ul style="list-style-type: none"> • Sumps with a ramp at one end to allow for fauna egress will be cordoned off at end of drilling if full of water. • Sumps fenced and sticks placed around area to allow egress of small fauna particularly when still wet. • Drill sumps (when dry) will be filled in with the stockpiled subsoil and followed by topsoil.
Drill Sites and Drill Pads <ul style="list-style-type: none"> • The landform will be returned as close as possible to its original form and topsoil that has been separated during the land disturbance will be returned to aid vegetation growth; the topsoil will be spread evenly across the area. • Cleared vegetation will be returned to its original location and spread over the area. This will reduce erosion, provide fauna habitat, aid in capturing seed stock, and provide protection for young seedlings. • The land will be scoured to reduce erosion and to loosen areas which have become compacted.
Waste Management <ul style="list-style-type: none"> • All rubbish is to be collected at each drill site and removed from site and disposed of at a designated waste disposal site (Coober Pedy Rubbish Dump). • Sample cuttings are to be bagged in sun-protected plastic bags for storage (for the duration of the PEPR and rehabilitation period). • Regular inspection of sites and tracks with feedback to drillers as to standards expected (supervisors, station staff, etc.). • No drill cuttings are to be left exposed on the surface.
Total rehabilitation (tracks, pads, and drill holes) to be completed within three months following the end date of approved PEPR.
State the estimated budget required to rehabilitate impacted sites. \$5,000 per site

Vegetation Clearance

Will any area of cleared native vegetation be unrehabilitated after the authorised period?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If yes, provide a description of the vegetation present in the application area, the extent of the proposed vegetation clearance and the likelihood of the presence of threatened flora. Provide this information on a map.		
N/A		
State the estimated quantum of significant environmental benefit (SEB) to be gained in exchange for the proposed native vegetation clearance and describe how the SEB will be provided.		
N/A		

SECTION E – LEASE CONDITIONS

Retention leases

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

N/A

SECTION F – MANAGEMENT OF ENVIRONMENTAL IMPACTS

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

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

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

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

How to fill out the table

- 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.
- 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.
- 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.
- For each applicable potential impact, the corresponding outcome and outcome measurement criteria are required.
- 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.

Receptor <small>Lists are not exhaustive.</small>	Potential impacts <small>Lists are not exhaustive.</small>	Impact assessment			Risk assessment			Outcomes	Outcome measurement criteria (inc. monitoring plan)
		Is the potential impact applicable (Yes/No) <small>Some potential impacts are applicable to all programs.</small>	Control strategies <small>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.</small>	Risk assessment					
				LH	CQ	Risk			
Stakeholders: <ul style="list-style-type: none"> freehold land owners perpetual lease holders pastoral lease holders Aboriginal land (Native Title Holders) Department of Defence State Government departments. local government (councils) federal government native title parties. 	Interference to: <ul style="list-style-type: none"> existing or permissible land use (includes loss of income, noise, dust, light and other emissions). buildings, structures, existing tracks or other infrastructure. aesthetic values of an area. Noncompliance with legislative requirements.	Yes (Applicable to all programs.)	<ul style="list-style-type: none"> All exploration activities will be communicated to the landholder with Form 21B provided 42 days prior to entry on-ground. TDG (or any assigned representatives) will provide ongoing consultation with landholders in accordance with DEM guidelines, including clear and open discussions regarding access and water requirements, addressing concerns, etc. to meet the outcomes satisfied with the proposed methods. Native Title Mining Agreement (NTMA) for Arabana and AMYAC are in place and registered with Mining Registrar for purpose of Part 9B of Mining Act.. Limit personnel entering site Induct all personnel on health, safety and environment procedures to minimise impact on station activities. Impose strict road speed limits to limit the potential to hit grazing cattle and wild life. Routes are planned to minimise disturbance (i.e., use existing tracks, new tracks selected along path of least resistance). All access will be discussed with the station owner prior to entry onto their land throughout the program. Existing tracks identified during desktop planning and site visits. Satellite and topographic data used to plan routes and identify suitable access points. Minimise vehicle movement during wet weather, contact station owner before travelling on site. 	2	B	Low	Stakeholders are fully informed and satisfied with the proposed methods used to conduct exploration activities on their land, and all prescribed forms are served and agreements obtained in accordance with the Mining Act.	Provide the information requested within the 'Complaints' section of the annual exploration compliance report demonstrating that all reasonable complaints from stakeholders are resolved to the satisfaction of both parties prior to and ongoing during the course of exploration program, without the involvement of DEM. Provide the information requested within the 'Landowner details and liaison' section of the annual exploration compliance report demonstrating that prescribed forms were served and agreements obtained in accordance with the Mining Act prior to the commencement of exploration activities.	

Exploration PEPR application – 12-month period

Stakeholder: DEW	Interference to: <ul style="list-style-type: none"> existing or permissible land use. buildings, structures, existing tracks or other infrastructure. aesthetic values of an area. Noncompliance with legislative requirements.	Yes (Applicable to programs located adjacent to or within parks and reserves.)	<ul style="list-style-type: none"> All exploration activities will be communicated to DEW with Form 21B provided 42 days prior to entry on-ground. 	2	B	Low	For activities located within or adjacent to regional reserves, national, conservation and marine parks only: <ul style="list-style-type: none"> no unauthorised interference with park management activities. 	Provide confirmation that: <ul style="list-style-type: none"> Park access notification forms were submitted to DEW and DEM at least 10 days prior to entry into regional reserves, national, conservation and marine parks, or Program notifications for PEPRs approved for an ongoing period of time, were submitted to DEW and the DEM at least 21 days prior to entry into regional reserves, national, conservation and marine parks.
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Impact assessment							Outcomes	Outcome measurement criteria (inc. monitoring plan)
Receptor <small>Lists are not exhaustive.</small>	Potential impacts <small>Lists are not exhaustive.</small>	Is the potential impact applicable (Yes/No) <small>Some potential impacts are applicable to all programs.</small>	Control strategies <small>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.</small>	Risk assessment <small>LH = likelihood of consequence CQ = severity of consequence</small>				
				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.)	<ul style="list-style-type: none"> Drill access tracks, drill pads and sumps to be put in using station staff as operators with inducted experienced field staff (Euro) as supervisors to ensure station needs and environmental conditions (as per PEPR) are met. Limit drill access to a single-lane track. Limit the extent of clearing to maintain ground cover (grasses etc.). Satellite and topographic data to be used to plan routes and identify suitable access points. Any field reconnaissance will be used to assist in track planning. Where new tracks need to be created, a path of least resistance will be selected (during heritage surveys) to avoid soil types that are more susceptible to erosion. Tracks will be created by the wheels of trucks and other vehicles traveling across to the drill sites without the need of machinery and clearing of vegetation or surface soils. If machinery is required (maintenance), low impact methods such as raised blade, will be used to reduce the impacts and chance of erosion. 40 km/h speed limits on all existing station tracks and 15 km/h on new tracks will be applied during the program. No intentional fires during drilling activities. Compliance with Fire Ban ratings, which is checked daily (CFS website), and a risk assessment of the prevailing conditions is completed and communicated at the morning pre-start meeting. When the CFS Fire Ban rating is Low-Very High – work will continue, and conditions/risks will be monitored daily. If the fire rating is Severe – work will continue based on pre-start risk assessment if winds are low and the prevailing conditions are assessed as acceptable to continue work. Where the fire danger rating is Extreme-Catastrophic – work will cease, and crew will remain on standby until the fire rating is reduced. All equipment is inspected at the start and end of each day to ensure air filters are clean, and any build-up of grasses or other plant matter in the undercarriage is cleared away. This is designed to lower the fire risk and preserve operating equipment. 	2	B	Low	No permanent loss/modification of native flora and fauna populations and their habitats through: <ul style="list-style-type: none"> clearance fire other unless prior approval under the relevant legislation is obtained.	Maintain before, during and after photographic evidence of all exploration sites (e.g. drillsites, new track exit/entry points off existing tracks, costeans, campsites) demonstrating that: <ul style="list-style-type: none"> The area and method of disturbance is consistent with that described in the PEPR. No uncontrolled fires* occurred as a result of exploration activities. Representative photos to be included within the annual exploration compliance report.
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.)	<ul style="list-style-type: none"> All equipment brought from outside the area to be washed down prior to entry to site. If topsoil becomes contaminated with weed the surface layer will be removed and freighted off-site for disposal at the local waste transfer station. The remaining topsoil, if visually clear from weed contamination, will be used for rehabilitation If additional clean topsoil is needed, neighboring exploration target topsoil stockpiles will be used to ensure even distribution. Staff inductions and training (including presentation of various Buffel grass prevention factsheets) to promote awareness of impacts, mode of spread, hygiene, and control options. If Buffel grass is observed in any work areas notify landholders to assist in the control of infestations Site personnel instructed on any sites that have been identified during the site clearance that are to be avoided. Site inductions to be completed for all team members. Maps to clearly show locations of known sites. 	2	B	Low	No introduction of new species of weeds and plant pathogens, nor increase in abundance of existing weeds species.	Provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report, confirming that: <ul style="list-style-type: none"> Vehicle logs were kept during the exploration program, demonstrating that all vehicles are clean and free of plant and mud material prior to entering properties[†] within the tenement areas, unless otherwise agreed to with the relevant landowners. Photographic evidence before and during exploration operations and after rehabilitation of disturbed sites was captured, demonstrating that no new weeds and plant pathogens were introduced, nor an increase in abundance of existing weeds recorded.

Exploration PEPR application – 12-month period

All fauna	Entrapment of fauna through open drillholes and excavations.	Yes (Applicable to exploration programs that involve drilling and/or require excavations.)	<ul style="list-style-type: none"> Initial rehabilitation immediately upon completing of drilling (i.e., hole plugging, hydrocarbon and rubbish removal). Drill hole collar casing capped once hole completed. Collar cut-off below ground level, plugged and covered with soil once hole no longer required, or in specified timeframe of rehabilitation regarding this PEPR. Sumps with a ramp at one end to allow for fauna egress will be cordoned off at end of drilling if full of water. Sumps fenced and sticks to allow egress of small fauna particularly when still wet. Drill sumps (when dry) will be filled in with the stockpiled subsoil and followed by topsoil. All drill holes will be capped and backfilled to the surface in line with the M21 Total rehabilitation within the approved timeframe. 	2	B	Low	No fauna traps created as a result of exploration activities.	<p>Maintain before, during and after photographic evidence of all drillholes and/or excavations demonstrating that:</p> <ul style="list-style-type: none"> All drillholes were permanently or temporarily capped/plugged immediately upon completion. No fauna and livestock became trapped in drillholes and/or excavations throughout the duration of the program. All rehabilitation was completed within 3 months of expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. <p>Representative photos are to be included within the annual exploration compliance report.</p> <p>Provide the information requested within the 'Rehabilitation' section of the annual exploration compliance report.</p>
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Impact assessment							Outcomes	Outcome measurement criteria (inc. monitoring plan)
Receptor	Potential impacts	Is the potential impact applicable (Yes/No)	Control strategies	Risk assessment				
Lists are not exhaustive.	Lists are not exhaustive.	Some potential impacts are applicable to all programs.	Indicate where there is uncertainty pertaining to the likely effectiveness of the control strategies. Where the risk is not considered low, provide justification that the risk is acceptable, or consider additional strategies to reduce the risk to an acceptable level. – refer to Minerals Regulatory Guidelines MG22 for more information.	LH = likelihood of consequence CQ = severity of consequence	LH	CQ		
Aboriginal heritage sites	Disturbance to Aboriginal heritage.	Yes (Applicable to all programs.)	<ul style="list-style-type: none"> All drill sites to be cleared by Native Title Claimants prior to drilling. If any sites are to be avoided the hole will either not be drilled or moved to a place where it can be drilled. Site personnel instructed on any sites that have been identified during the site clearance that are to be avoided. Site inductions to be completed for all team members. Maps to clearly show locations of known sites. Known sites will be mapped with GPS and star pickets will be placed around the perimeter, so that any personnel in the vicinity will be able to avoid the area. (Marks to be removed when exploration work is completed). If an Aboriginal site is accidentally disturbed, all work must cease and not recommence. Report any sites as soon as practicable on the site recording forms. 	2	B	Low	No disturbance to Aboriginal artefacts or sites of significance unless prior approval under the relevant legislation is obtained.	<p>Maintain a database and provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report demonstrating that:</p> <ul style="list-style-type: none"> Heritage sites were not impacted during the conduct of the exploration program, unless prior approval was obtained under the appropriate legislation. Work ceased on discovery of a significant site and recommenced only after authorisation. Aboriginal heritage sites identified during the exploration program were appropriately recorded and reported to authorities, if not previously known.
European heritage sites and sites of scientific and environmental significance	Disturbance to European heritage sites and sites of scientific and environmental significance (e.g. geological monuments, fossil reserves).	No (Applicable to exploration programs located close to or within European heritage sites and sites of scientific and environmental significance.)	N/A				No disturbance to European heritage sites and to sites of scientific and environmental significance unless prior approval under the relevant legislation is obtained.	<p>Demonstrate no impact to heritage sites and sites of scientific and environmental significance by:</p> <ul style="list-style-type: none"> Maintaining evidence, including detailed maps showing sites compared to the location of exploration activities, and photographic evidence of sites before and after the conduct of the exploration program. Providing a statement within the annual exploration compliance report confirming sites were not impacted during the conduct of the exploration program.

Exploration PEPR application – 12-month period

Soil/vegetation/fauna	Soil/vegetation contamination (e.g. hydrocarbons, rubbish, drill samples/cuttings, ablutions, other sources).	Yes (Applicable to all programs.)	<ul style="list-style-type: none"> Any drill consumables not on support trucks to be stored in banded laydown area. Diesel for drilling will be stored in banded tanks on the back of support trucks. Re-filling will occur at Coober Pedy. Tarpaulins or plastic to be placed under the drill rig for each drill hole of the program. All rubbish to be collected at each drill site and removed from site and disposed of at a designated waste disposal site (Coober Pedy Rubbish Dump). Site inductions cover post-drilling site rehab/clean-up. Hydrocarbon spill kit readily available at each site. Mechanized equipment is inspected for leaks before use. Regular inspection of sites and tracks with feedback to drillers as to standards expected (supervisors, station staff, etc.). No drill cuttings are to be left exposed on surface. Total rehabilitation (tracks, pads, and drill holes) to be completed 3 months following the end date of approved PEPR. 	2	B	Low	No contamination of soil and vegetation as a result of exploration activities.	<p>Demonstrate that all domestic or industrial waste (includes general rubbish and hydrocarbons) is disposed of in accordance with the <i>Environment Protection Act 1993</i> within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), and that all fuel and chemicals are stored in accordance with EPA requirements, by providing:</p> <ul style="list-style-type: none"> The name, location and contact details of the authorised waste disposal facility. A statement within the 'Compliance with approved programs' section of the annual exploration compliance report confirming domestic and industrial waste was removed from all exploration sites and disposed of at an authorised waste disposal facility. Photographic evidence within the annual exploration compliance report demonstrating that all fuel and chemical storage facilities were managed in accordance with EPA requirements. <p>Maintain photographs of all exploration sites and provide representative photos within the annual exploration compliance report demonstrating that drill cuttings are:</p> <ul style="list-style-type: none"> removed from site and disposed of at a licensed facility buried under a minimum of 30 cm of soil, or in accordance with EPA guideline, Radiation protection guidelines on mining in South Australia: mineral exploration, available on the EPA website, or backfilled down the drillhole, within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. <p>Provide the information requested within the 'Rehabilitation' section of the annual exploration compliance report.</p>
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Impact assessment					Outcomes	Outcome measurement criteria (inc. monitoring plan)			
Receptor	Potential impacts	Is the potential impact applicable (Yes/No)	Control strategies	Risk assessment					
Lists are not exhaustive.	Lists are not exhaustive.	Some potential impacts are applicable to all programs.	Indicate where there is uncertainty pertaining to the likely effectiveness of the control strategies. Where the risk is not considered low, provide justification that the risk is acceptable, or consider additional strategies to reduce the risk to an acceptable level. – refer to Minerals Regulatory Guidelines MG22 for more information.	LH = likelihood of consequence CQ = severity of consequence					
				<table border="1"> <tr> <td>LH</td> <td>CQ</td> <td>Risk</td> </tr> </table>	LH	CQ	Risk		
LH	CQ	Risk							

Exploration PEPR application – 12-month period

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.)	<ul style="list-style-type: none"> Sites to be rehabilitated progressively once drilling completed. Sumps to be backfilled in accordance with M33 guidelines. During sump preparation, cleared vegetation, gibber, top-soil and sub-soil will all be stockpiled separately and used in appropriate order (sub, top, gibber then vegetation) during rehabilitation of sumps. Windrowed vegetation derived from road and drill pad activities to be spread out over the disturbed areas once drilling completed. As all drill sites occur on sandy soil profiles which precludes widespread run-off it is expected that subsequent erosion if any will be localised and minimal Any track maintenance is completed with a raised blade. Topsoil to be stockpiled for use in rehabilitation. Avoid clearing/topsoil stripping in windy conditions. Traffic management plan to be discussed prior to activities and reinforced with inductions. 40 km/h speed limit on all existing station tracks and 15 km/h on new tracks. Single lane access only. No off-track driving or widening of existing tracks. Minimise driving around drill pad, delineated areas for parking, etc. Complete rehabilitation of new tracks and pads as per best-practice model – e.g., restoring original contours, lightly scarify where appropriate; replace topsoil, gibber (sumps) and stockpiled vegetation. Initial rehabilitation immediately upon completing of drilling (i.e., hole plugging, hydrocarbon and rubbish removal, scarifying collar area and wheel tracks). All drill spoils will be disposed of downhole or buried in sump as necessary. Where new tracks need to be created, a path of least resistance will be selected (during heritage surveys) to avoid soil types which are more susceptible to erosion. Where possible, tracks will be created by the wheels of trucks and other vehicles traveling across to the drill sites without the need of machinery and clearing of vegetation or surface soils. If machinery is required, low impact methods such as raised blade, will be used to reduce the impacts and chance of erosion. 	2	B	Low	<p>Where soil disturbance occurs as a result of exploration activities, ensure that:</p> <ul style="list-style-type: none"> topsoil quality and quantity is maintained the soil profile and topography is reinstated to original conditions there is no accelerated soil erosion. 	<p>Maintain before, during and after photographic evidence of all excavations, drillsites, camps, laydown areas and new tracks demonstrating that:</p> <ul style="list-style-type: none"> The soil profile and topography is reinstated to original conditions and is consistent with natural surroundings within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. Where required, sufficient topsoil is removed (depending on soil profile), stored separately from subsoil and reinstated (in the correct order) within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. There are no signs of accelerated soil erosion during and post rehabilitation of disturbed sites. <p>Representative photos to be included within the annual exploration compliance report.</p> <p>Provide the information requested within the 'Rehabilitation' section of the annual exploration compliance report.</p>
Surface water	Alteration to surface water – interference to surface drainage.	Yes (Applicable to exploration programs that are likely to impact on surface drainage channels.)	<ul style="list-style-type: none"> All areas of natural drainage will be crossed along existing tracks where the ground is already compacted and allows all traffic use. No new tracks will be created along or through natural drainage areas ensuring flows are not blocked. 	2	A	Low	<p>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).</p>	<p>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).</p> <p>Alternatively, provide copies of water affecting permits within the annual exploration compliance report.</p>
Groundwater/aquifer	<p>Groundwater contamination:</p> <ul style="list-style-type: none"> contamination of aquifers through entry of pollutants from the surface interconnection between aquifers degradation of natural hydrostatic conditions (maintain pre-drilling pressures). 	Yes (Applicable to all exploration programs that may intersect groundwater.)	<ul style="list-style-type: none"> Any water intersected will be recorded (depth, air-lift rate – where possible). If high yielding water is encountered samples will be taken for analysis of water quality. Sumps emplaced to capture and contain groundwater brought to surface during drilling process. A confined aquifer will be grouted above, within and below (consistent with the M21 General Specifications for Construction and Backfilling protocols) to ensure water flow to surface is prevented. All drill holes will be capped and backfilled to the surface in line with the M21 <p>In the case of unexpected high flows:</p> <ul style="list-style-type: none"> Drilling will cease, pull the rod string off the bottom of hole and secure into foot clamps install a blind flange with a sub that connects to rod string in hole and with a tap to relieve any pressure. A gauge is installed to the blind flange for any pressure readings. Once the flange is installed to rod string the flange is lowered on to the PVC flange with a gasket installed to 24m's 150mm class 12 PVC which was pressure cemented in with 1.5SG cement. Tap is open and crew bolt down flange. Once the flange is secure the tap is closed, and gauge is read to indicate head pressure. Flow is locked in until a decision is made regarding the drill hole and abandonment procedure is to be followed 	2	B	Low	<p>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.</p>	<p>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.</p> <p>Provide the information requested within the 'Groundwater' section of the annual exploration compliance report.</p>

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Soil/vegetation/fauna	Discharge of groundwater into the surrounding environment.	Yes (Applicable to all exploration programs)	<ul style="list-style-type: none"> Sumps of suitable size emplaced to capture all groundwater and water used during diamond and RC drilling. 	2	B	Low	No discharge of groundwater outside of the exploration site (e.g.	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
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Impact assessment								
Receptor <small>Lists are not exhaustive.</small>	Potential impacts <small>Lists are not exhaustive.</small>	Is the potential impact applicable (Yes/No) <small>Some potential impacts are applicable to all programs.</small>	Control strategies <small>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.</small>	Risk assessment <small>LH = likelihood of consequence CQ = severity of consequence</small>			Outcomes	Outcome measurement criteria (inc. monitoring plan)
				LH	CQ	Risk		
		that may intersect groundwater or where activities require the discharge of groundwater into the surrounding environment.)	<ul style="list-style-type: none"> If flow rates exceed sump capacity drilling will be suspended. Another sump or above ground containment pond (using plumbers' plastic and stakes) will be constructed to contain water to complete the drillhole. 				drillsite) into the surrounding environment and no discharge of water into a watercourse, unless prior approval under the relevant legislation is obtained.	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.	Yes (Applicable to all exploration programs that may require the use of water from existing dams, water bores or mineral drillholes.)	<ul style="list-style-type: none"> Water required for drilling will be sourced from McDouall Peak Station 	1	A	Low	No public nuisance impacts resulting from the extraction of water for exploration purposes, unless prior approval under the relevant legislation is obtained.	Provide the information requested within the 'Complaints' section of the annual exploration compliance report demonstrating that all reasonable complaints from stakeholders were resolved to the satisfaction of both parties, prior to and ongoing during the course of the exploration program without the involvement of DEM. Where permits are required for the extraction and/or usage of groundwater, provide copies of the licence or permit within the annual exploration compliance report.
Soil/vegetation/fauna	Degradation of rehabilitated access tracks caused by third party access (includes previously closed and rehabilitated access tracks).	Yes (Applicable to exploration programs that create new access tracks.)	<ul style="list-style-type: none"> Vegetation to be windrowed and reapplied to cleared areas once drilling completed. New tracks closed off when no longer required. Tyre marks at the beginning of the gibber plain tracks will be repaired. 	1	B	Low	Rehabilitated access tracks remain permanently closed, unless prior approval under the relevant legislation is obtained.	Maintain before and after photographic evidence demonstrating that all tracks are closed and rehabilitated within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. Representative photos are to be included within the annual exploration compliance report. Provide the information requested within the 'Rehabilitation' section of the annual exploration compliance report.
Community/landowners	Damage to infrastructure and loss of income through fire.	Yes (Applicable to all programs.)	<ul style="list-style-type: none"> Fire restrictions and management to be included in staff induction. No fires to be lit during drilling campaign. Firefighting equipment kept in all vehicles. Vehicle check list for mufflers, grass capture and clean radiators. No intentional fires to be lit during the exploration operations. Site inductions will outline fire risk and emergency procedures. Tracks must remain clear whilst drilling is in process. 	1	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.)	<ul style="list-style-type: none"> Drill contractor and site personnel inducted prior to entering site to communicate health and safety requirements whilst engaged in the program - especially as they relate to vehicle safety. The local landholders are informed prior to operations and ongoing consultation will occur during activities. Inductions will cover landholder and community information. No exploration activities are conducted around public infrastructure. All site visitors are inducted prior to entering a work area. All local and federal rules are observed. <p>*The risk for this section is listed as High as with all controls in place the Likelihood of an accident is Rare, although if an accident did occur the Consequence could be Major to Catastrophic. Site inductions, work pre-start meetings, safety meetings, appropriate qualifications and training are used and relied upon to minimise this risk and prevent any accidents as per the Outcomes listed.</p>	1	E	High*	No accidents involving the public that could have been reasonably prevented by the licensee.	Provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report confirming no accidents occurred involving the public during and after the exploration program. If an accident involving the public did occur, provide a copy of the independent investigation report within the annual exploration compliance report demonstrating that the licensee could not have reasonably prevented the accident through the implementation of precautionary measures.

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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.)	N/A					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: <ul style="list-style-type: none"> • Radiation levels post exploration and rehabilitation are consistent with pre-existing background levels. • Employee and contractors exposure levels were within safe limits during the exploration program.
Other (if applicable)									

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

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

SECTION G - OPERATOR CAPABILITY

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

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

Tigers Dominion Group Pty Ltd (TDG) and all contractors working on the Mt Brady Project will attend a Site Induction conducted by TDG where an overview of the program is provided, using the Site Induction Manual (SIM), the Exploration Clearance Survey and this PEPR for reference.

The SIM covers the objectives and risk profile of the program and ensures the appropriate control measures are discussed as a team ensure the safe and efficient execution of the work program.

Prior to the commencement of the project, TDG prepares and reviews an Exploration Management Plan. The EMP reviews potential safety, environmental and stakeholder (regulatory/landholder) risks and assigns appropriate controls to be put in place to manage these risks.

All TDG employees and third party contractors are required to complete the on-site induction prior to work commencing. The induction covers the safety, environmental and stakeholder requirements. TDG Contractors will be selected using criteria for the existence of and demonstrated implementation of their individual company health, safety and environmental management systems as a condition of contract. These systems will be required to include the policies and procedures specific to the contractor services to the accepted industry standards.

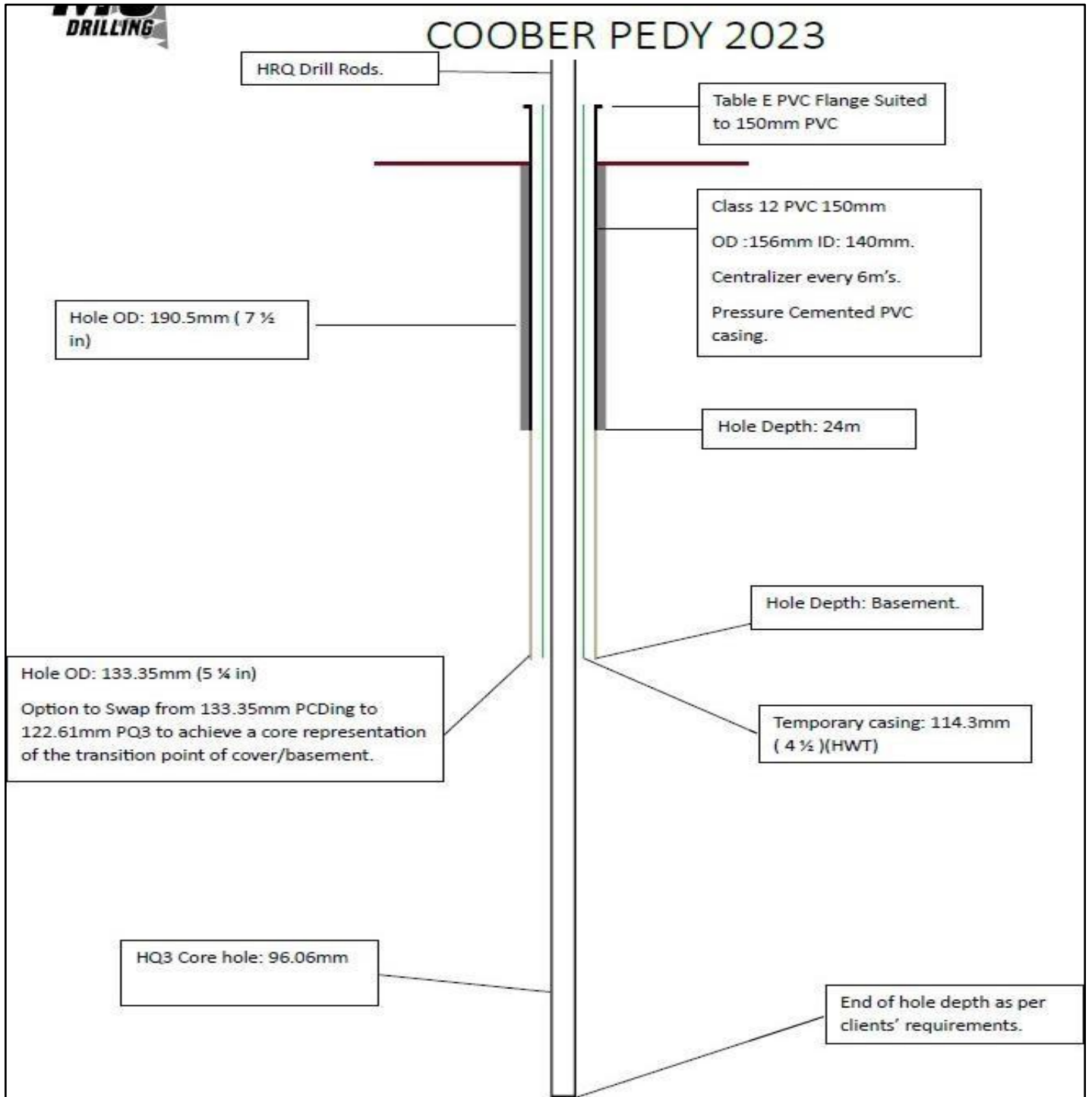
TDG will notify the department in accordance with regulation 79 (3) of the Mining Regulations 2020 in the event of an incident on any of the drill sites.

TDG have systems in place to monitor communications with landholders and native title parties in remote areas. This system can also be used to lodge any complaints by any Owner of Land.

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.

Figure 1: Example of Drill Hole Design

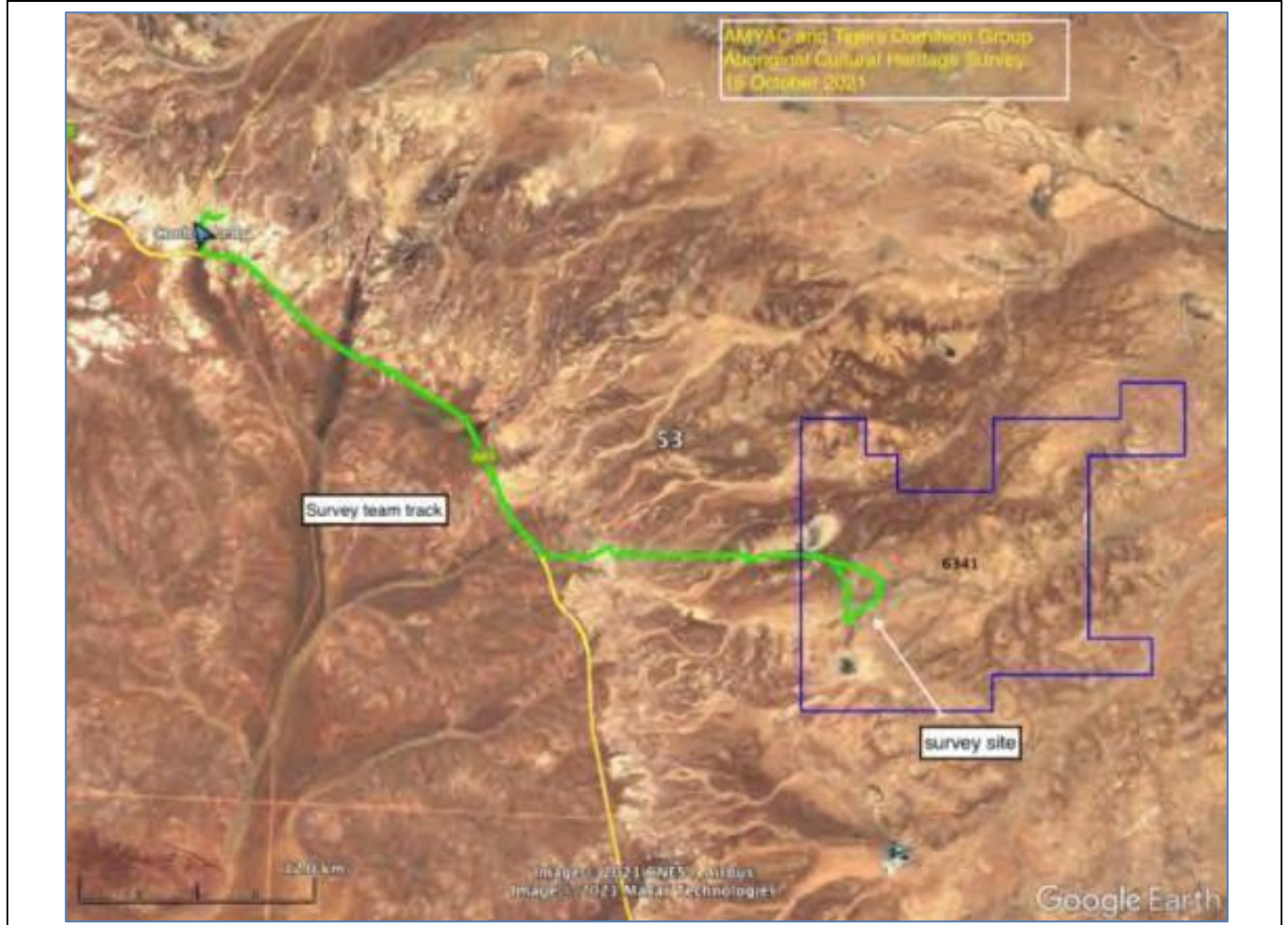


SECTION I – PHOTOS

Include photographs in this section:

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

Site identification/details	Date taken	Photo number and PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Comments
Mount Brady Area	15/10/2021	Photo 1, Section C	-	-	53	AMYAC survey track from Coober Pedy to drill sites.

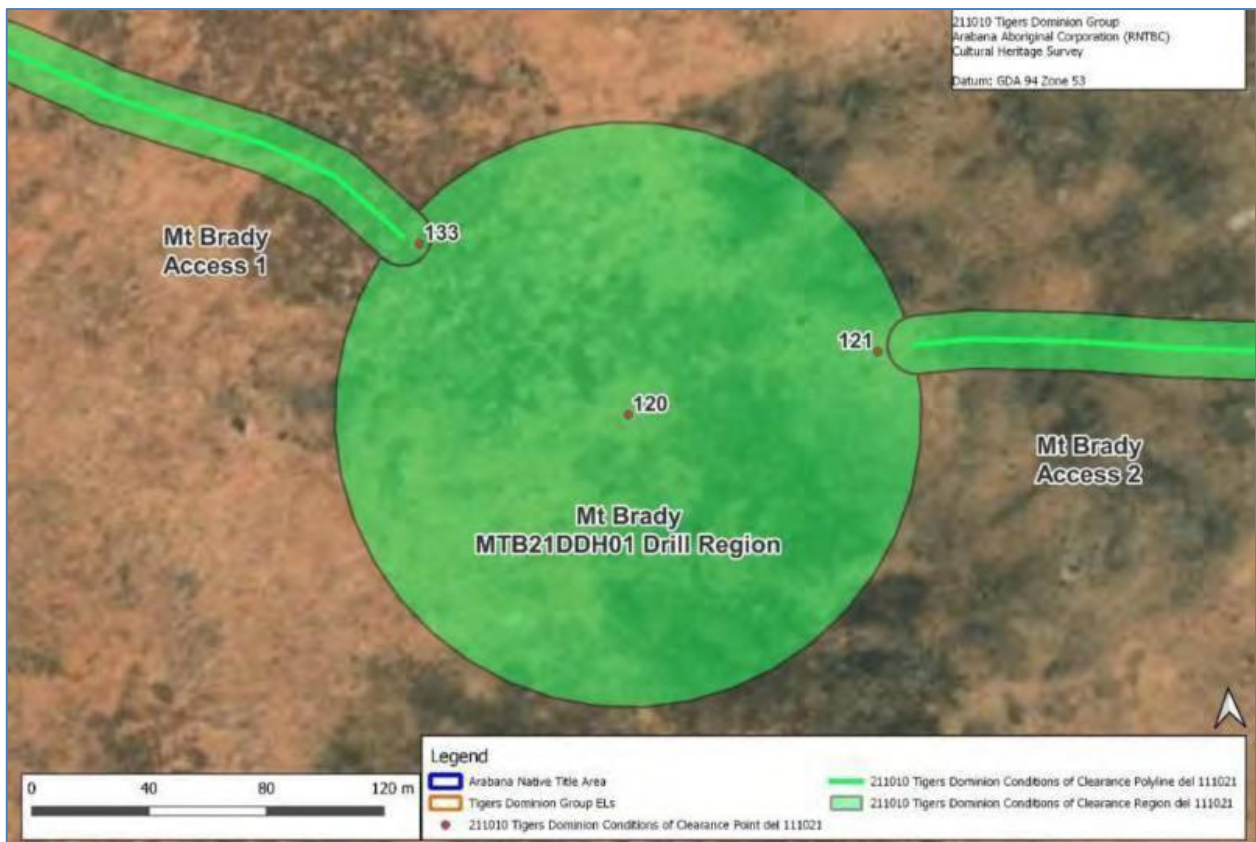


Exploration PEPR application – 12-month period

Site identification/details	Date taken	Photo number and PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Comments
Mount Brady Area	15/10/2021	Photo 2, Section C	509400	6771250	53	AMYAC access around drill sites (E/N – MTB21DDH05).



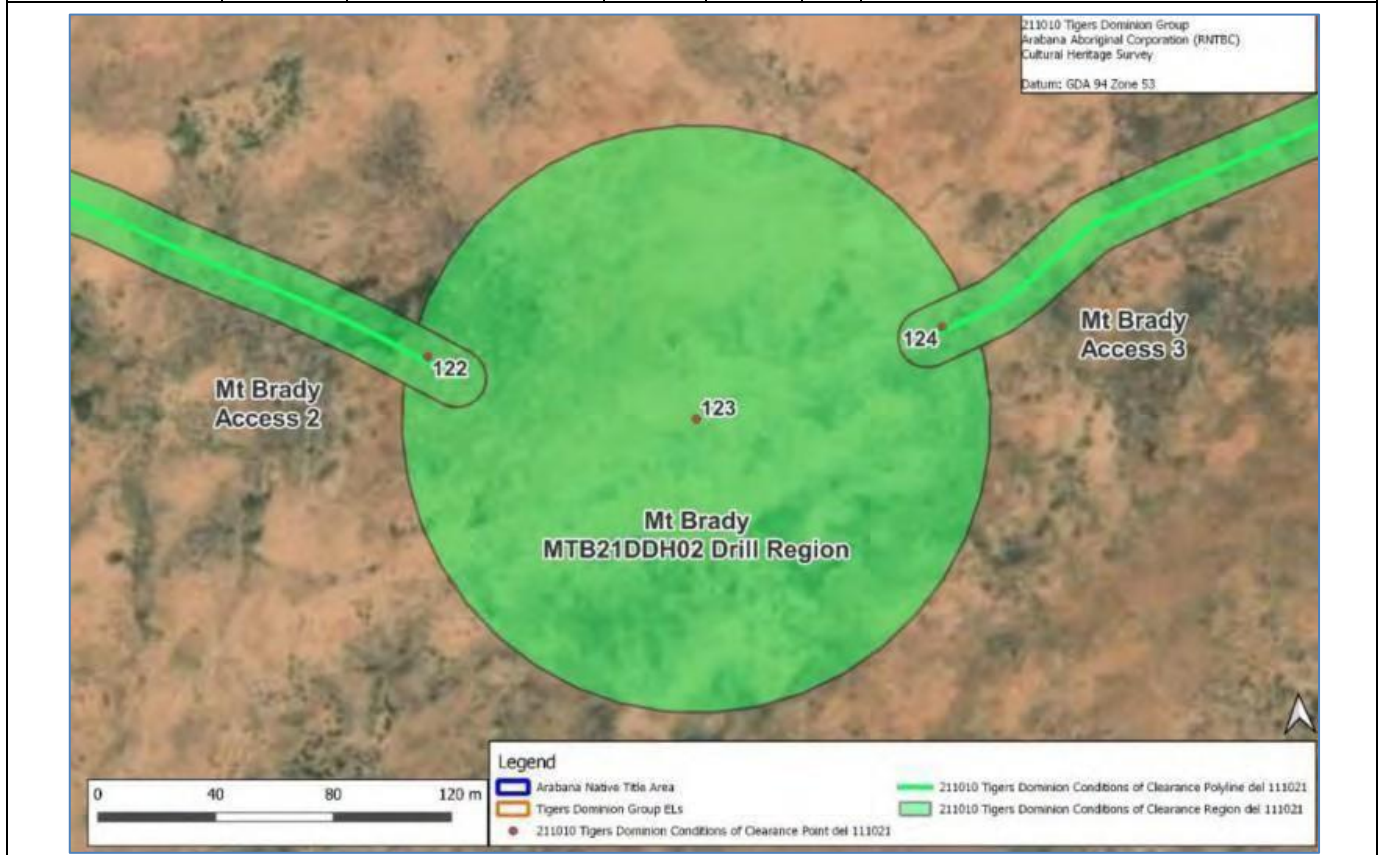
Site identification/details	Date taken	Photo number and PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Comments
Mount Brady Area	15/10/2021	Photo 3, Section C	510850	6772880	53	Arabana Survey Drill Site – MTB21DDH01



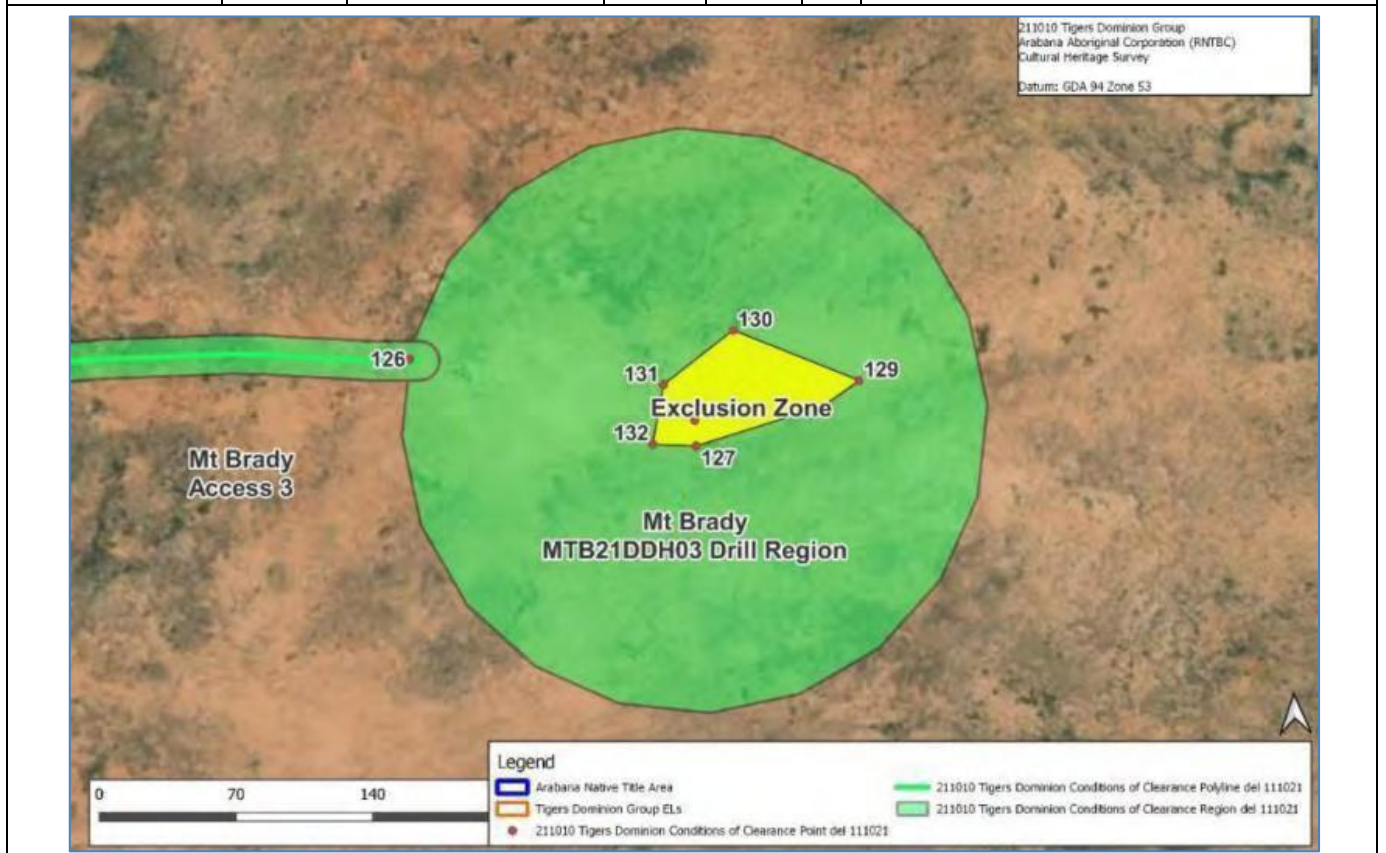
Site	Date taken	Photo number and	Easting	Northing	Zone	Comments
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Exploration PEPR application – 12-month period

identification/details		PEPR section reference	(GDA94)	(GDA94)		
Mount Brady Area	15/10/2021	Photo 4, Section C	512550	6772730	53	Arabana Survey Drill Site – MTB21DDH02



Site identification/details	Date taken	Photo number and PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Comments
Mount Brady Area	15/10/2021	Photo 5, Section C	514930	6773150	53	Arabana Survey Drill Site – MTB21DDH03



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Site identification/details	Date taken	Photo number and PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Comments
Mount Brady Area	15/10/2021	Photo 6, Section C	~510000	~6773000	53	Arabana Survey -Access



Site identification/details	Date taken	Photo number and PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Comments
Mount Brady Area	15/10/2021	Photo 7, Section C	~510850	~6772880	53	Looking east towards MTB21DDH01 drill target clearance area from western boundary of Arabana Native Title area (Td75858).



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Site identification/details	Date taken	Photo number and PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Comments
Mount Brady Area	15/10/2021	Photo 8, Section C	Unknown	Unknown	53	Land-systems and vegetation typical of the region; gibber plains and stony rises of silcrete with bluebush (<i>Maireana sedifolia</i>), saltbush (<i>Atriplex vesicaria</i>) and woollybutt (<i>Eragrostis eriopoda</i>).

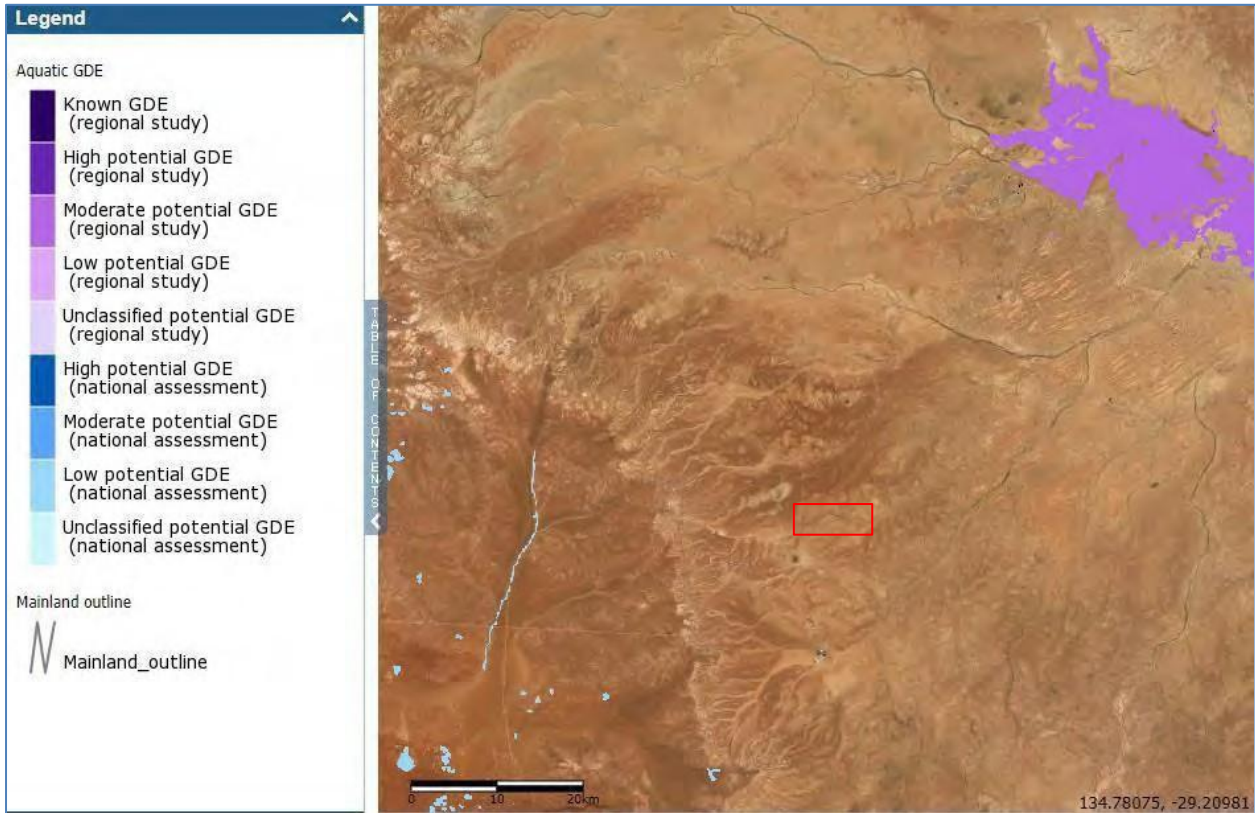
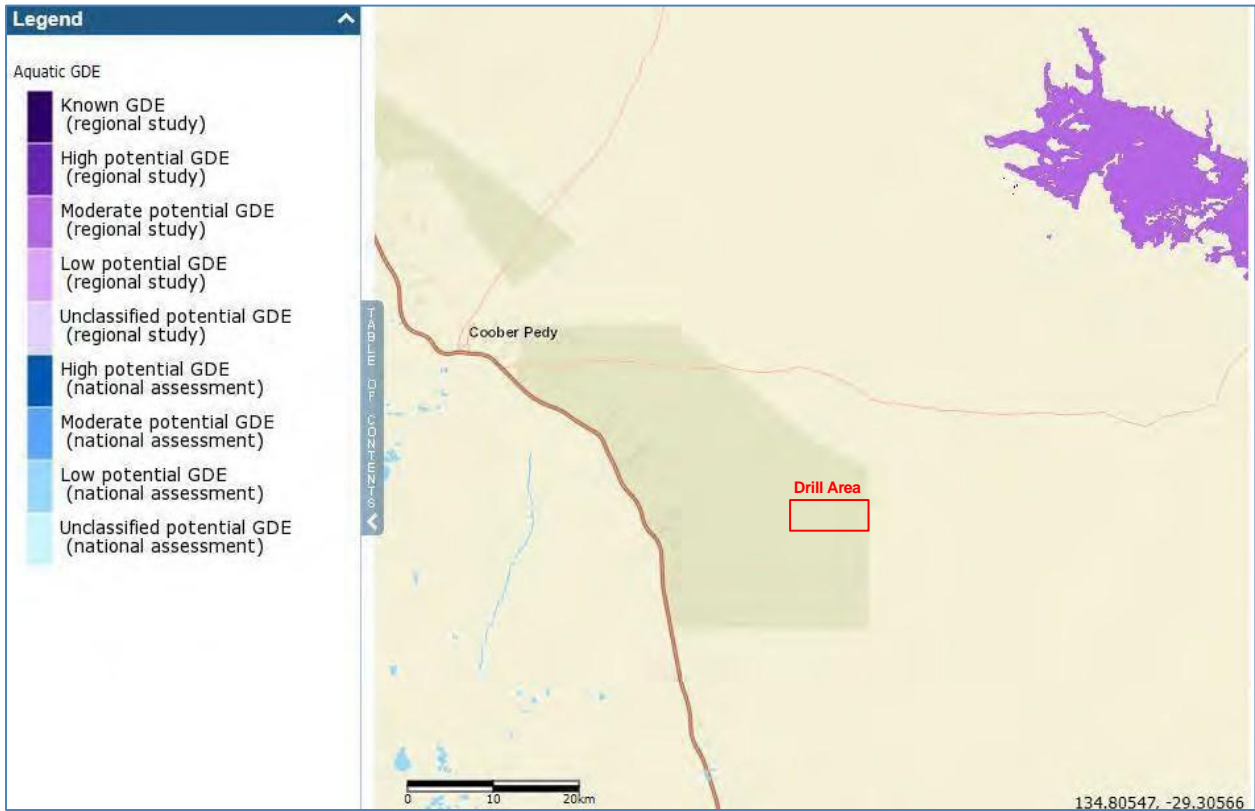


Site identification/details	Date taken	Photo number and PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Comments
Mount Brady Area	15/10/2021	Photo 9, Section C	509944	6771689	53	Drillhole MTB21DDH04 site taken during heritage survey. Shows surrounding landscape – similar for all sites.

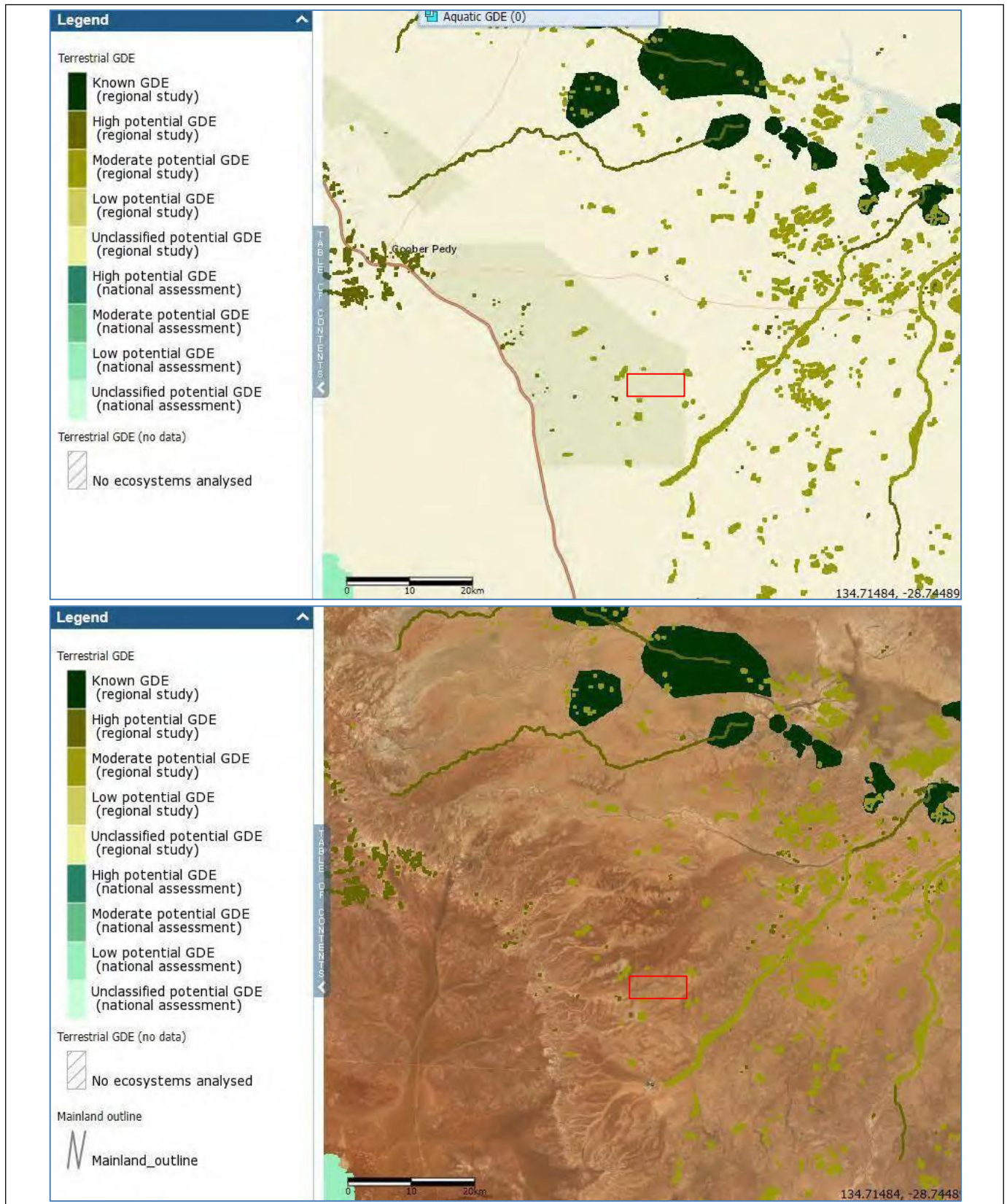


Exploration PEPR application – 12-month period

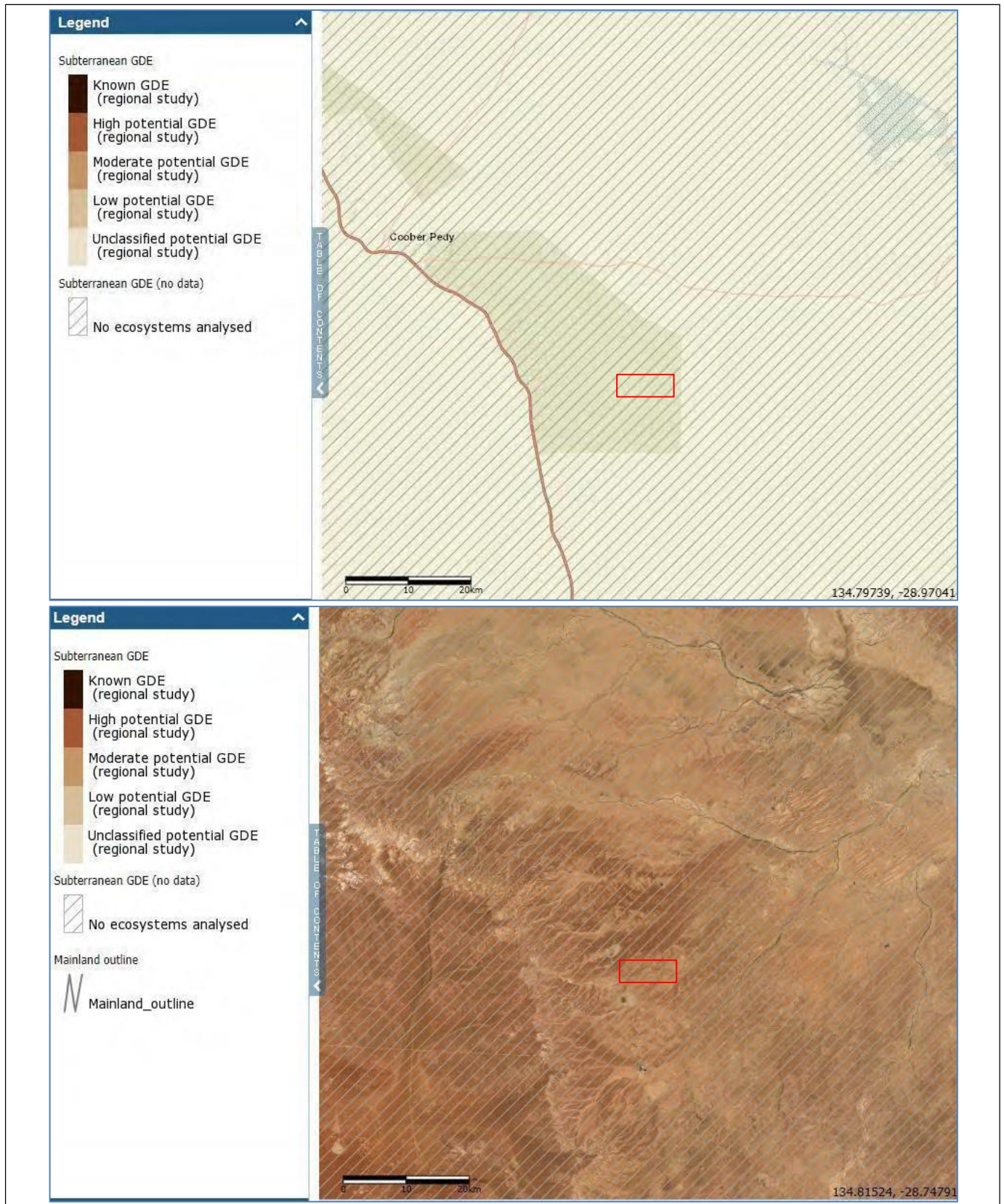
Site identification/details	Date taken	Photo number and PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Comments
Mount Brady Area and Surrounds	N/A	Photo 10, Section C	~XXXXXX (centre point)	~XXXXXXX (centre point)	53	Groundwater Dependent Ecosystems Aquatic (top 1-2), Terrestrial (centre 3-4), Subterrean (bottom 5-6)



Exploration PEPR application – 12-month period



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Site identification/details	Date taken	Photo number and PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Comments
Mount Brady Area and Surrounds.	N/A	Photo 11, Section C	~504500 (Centre point)	~6777000 centre point)	53	Flora and Fauna Nature Maps Area



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Site identification/details	Date taken	Photo number and PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Comments
Unknown	Unknown	Photo 12, Section D	Unknown	Unknown	Unknown	Example of Multi-Purpose Rig.



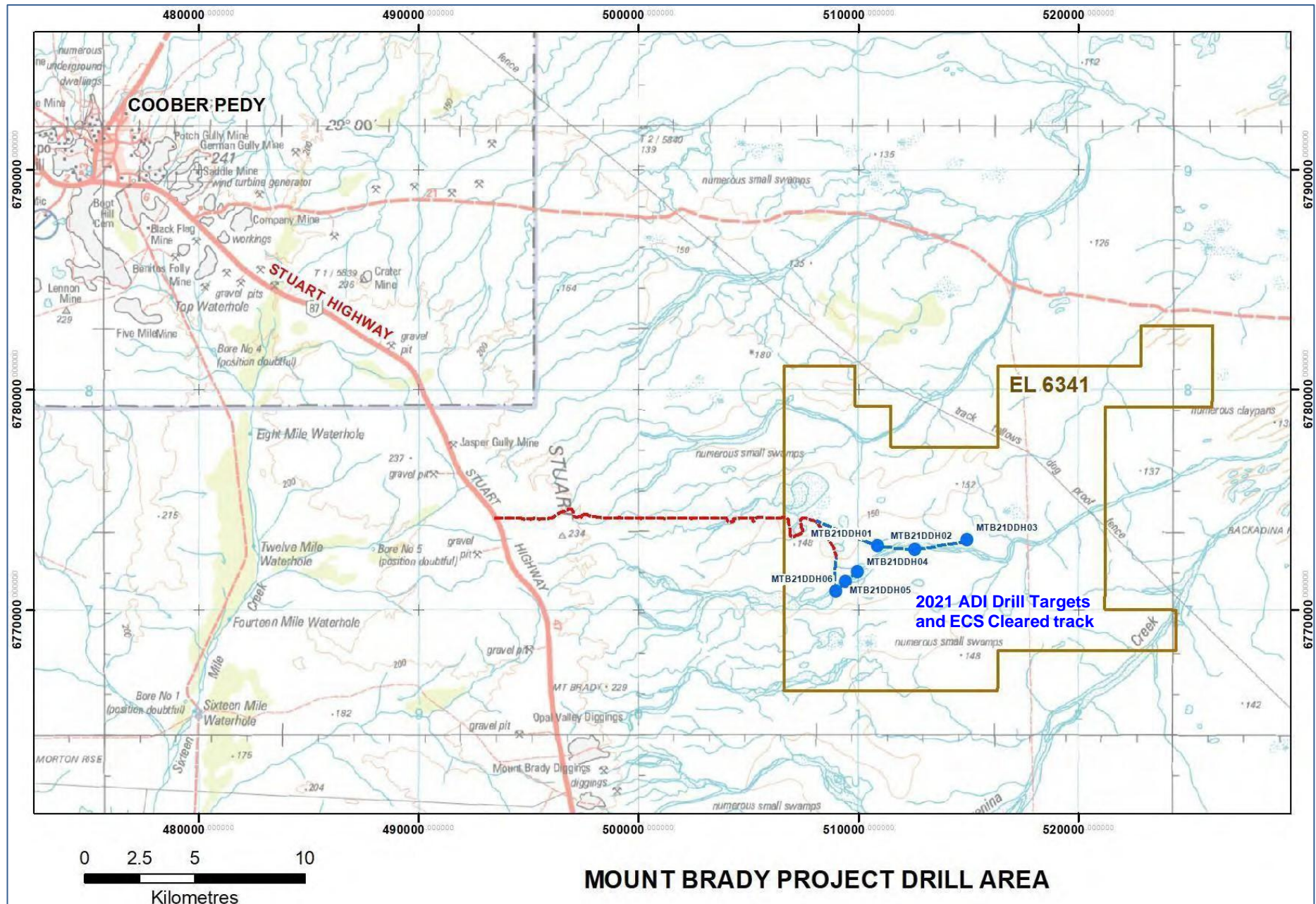
SECTION J – MAPS

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

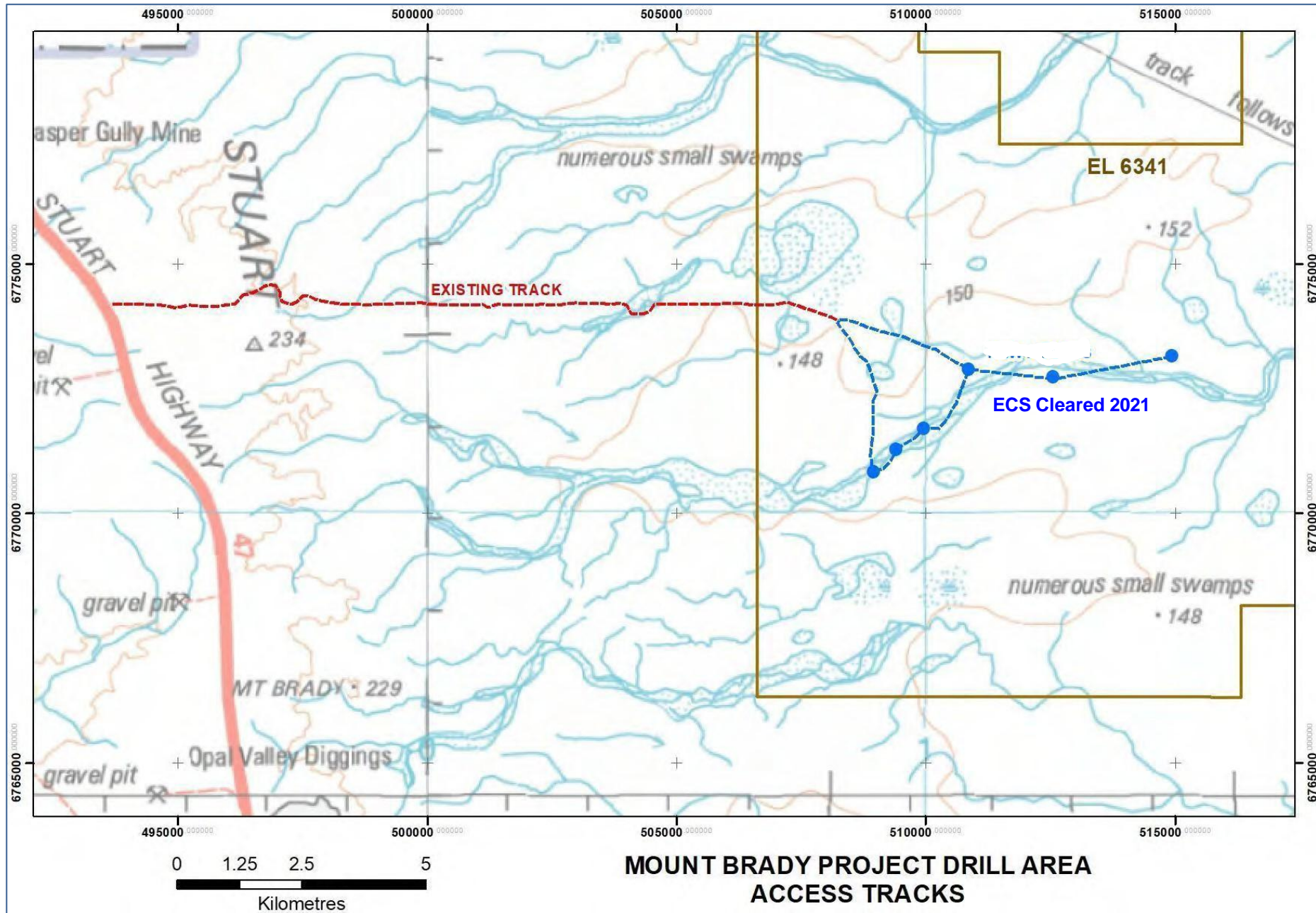
- tenement boundaries,
- cadastral information,
- existing surface contours,
- existing vegetation,
- location of the proposed exploration operations (includes drillholes, existing and new access tracks, drill traverses, campsites, laydown areas and other applicable information) and/or the target exploration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

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

Exploration PEPR application – 12-month period

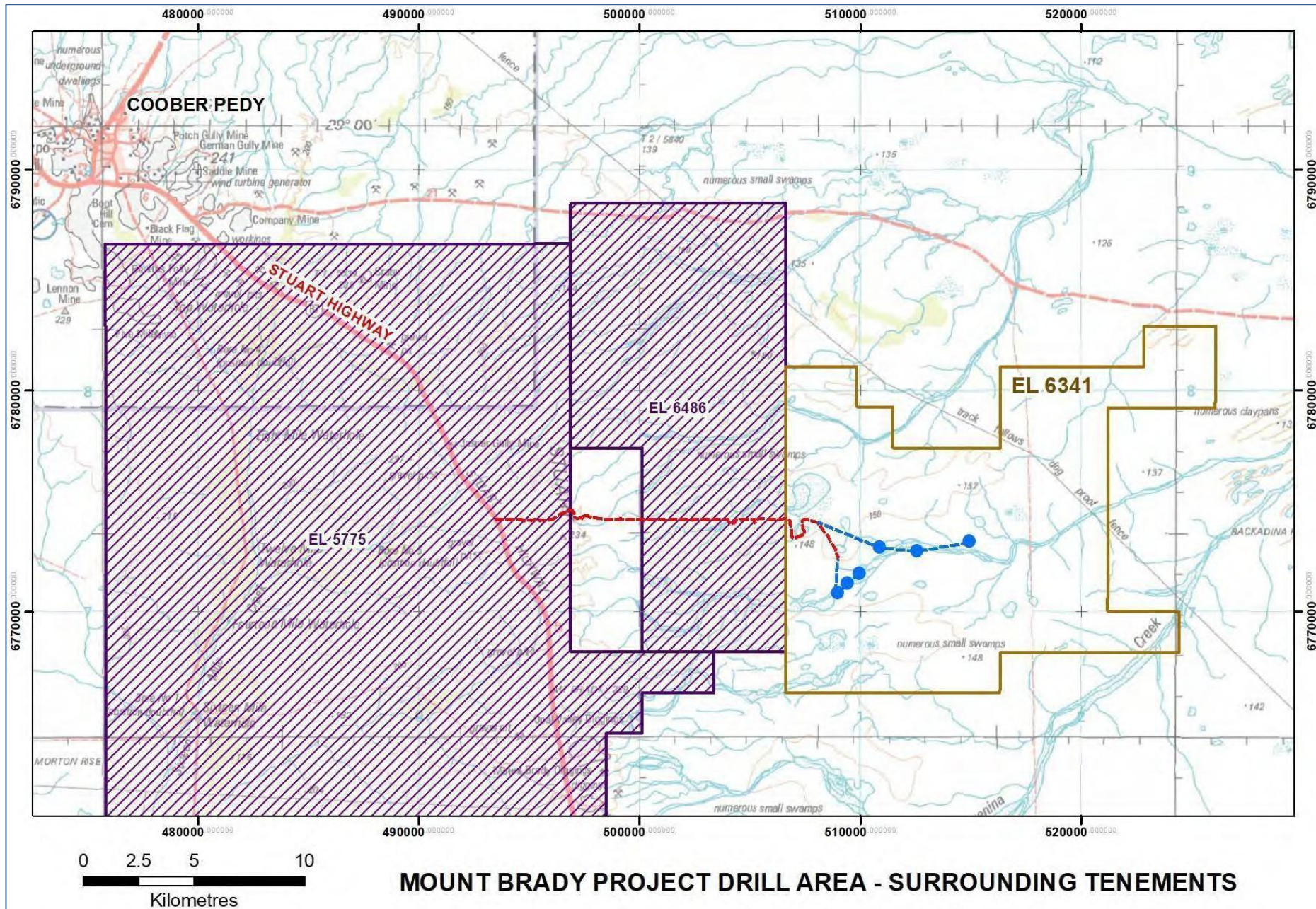


Map 1: Mount Brady proposed drill area and regional surrounds.



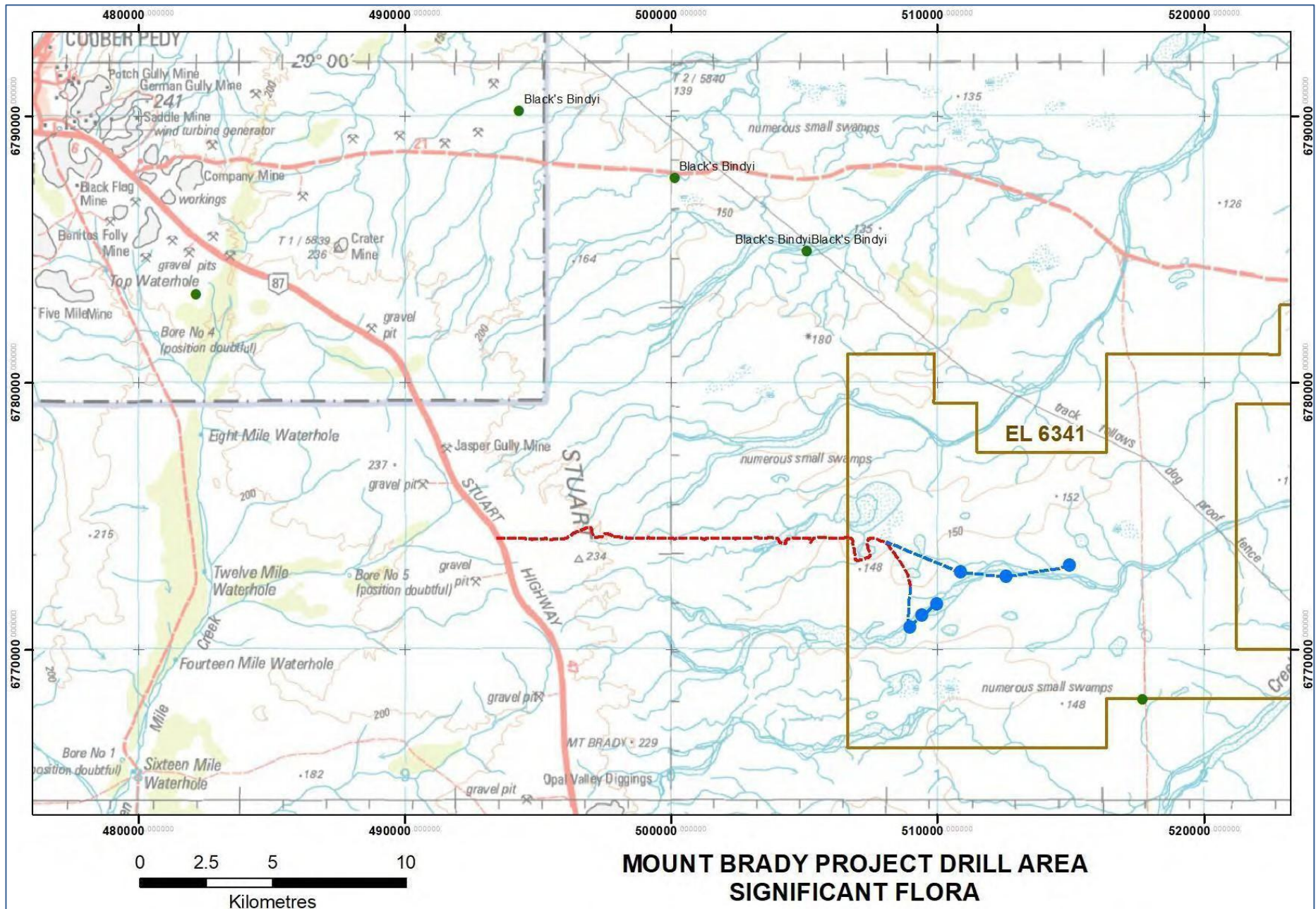
Map 2: Mount Brady proposed drill area access – existing and new.

Exploration PEPR application – 12-month period



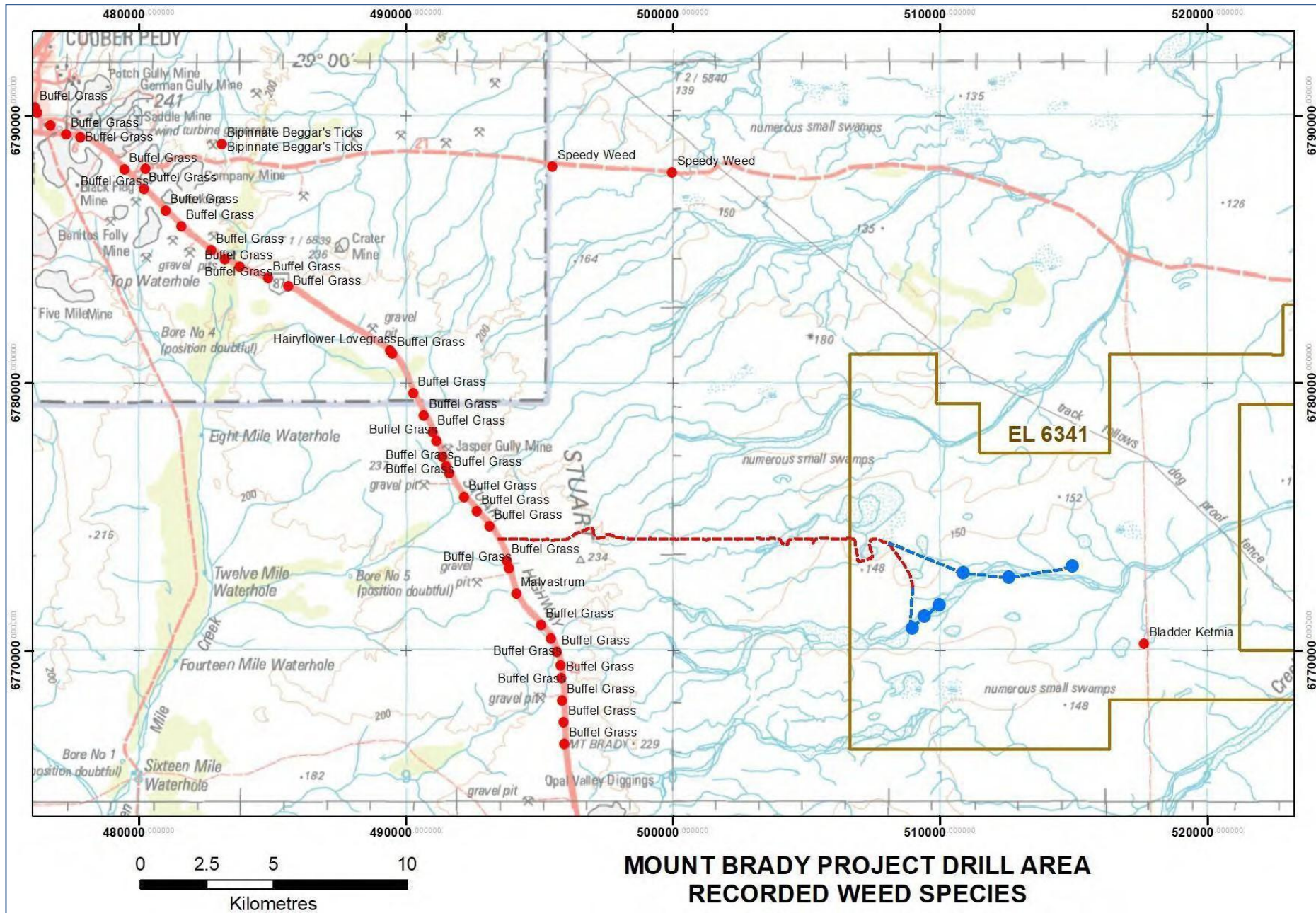
Map 3: Mount Brady proposed drill area and surrounding tenements (access).

Exploration PEPR application – 12-month period



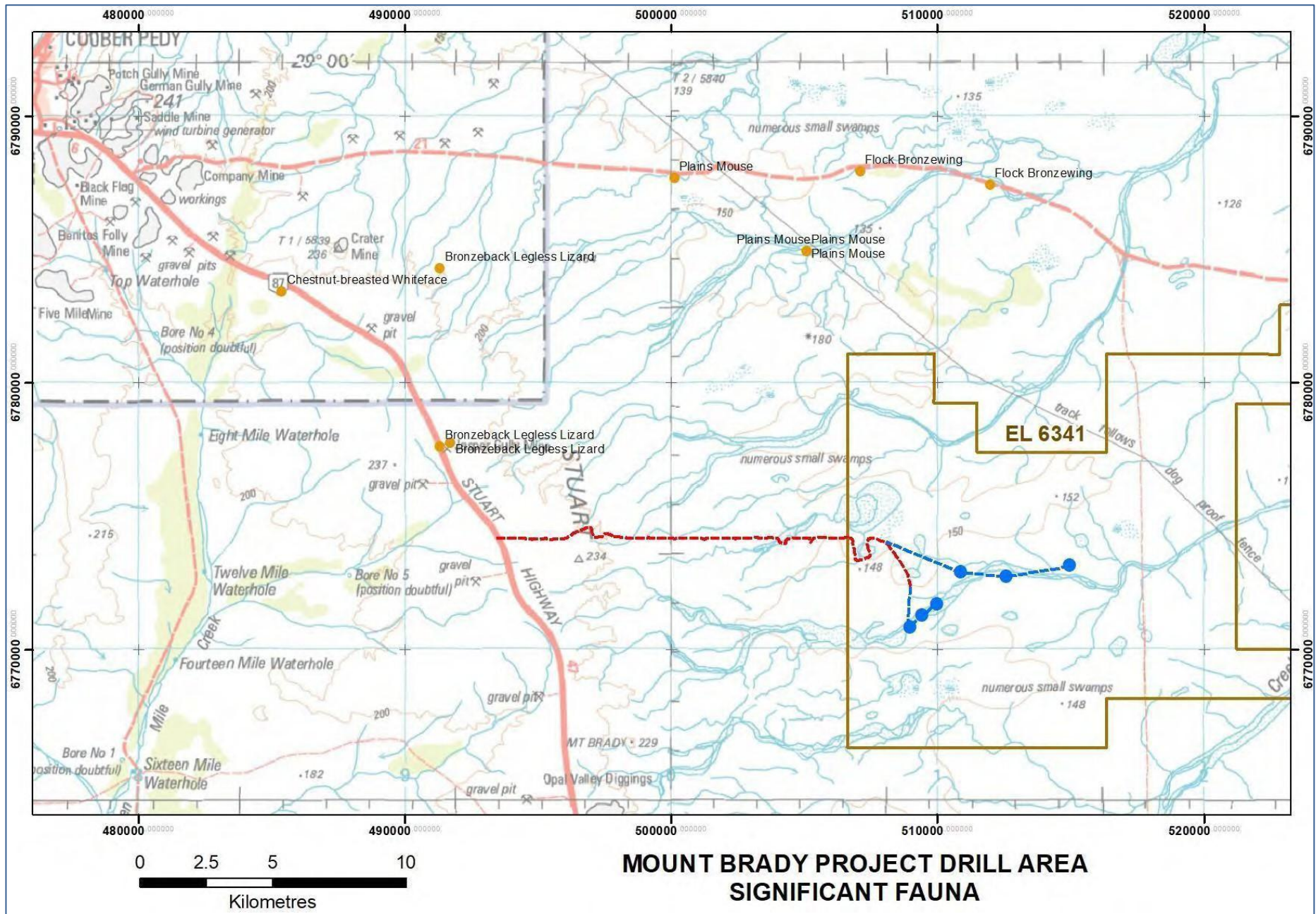
Map 4: Mount Brady drill area and surrounds showing significant flora observations.

Exploration PEPR application – 12-month period



Map 5: Mount Brady drill area and surrounds showing recorded weed species.

Exploration PEPR application – 12-month period



Map 6: Mount Brady drill area and surrounds showing significant fauna observations.

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.