Government of South Australia
Department for Energy and Mining

19 June 2025

Mr. Kerry Mudge,
Managing Director,
Southern Exploration Pty Ltd (operator - Agile Exploration Pty Ltd)
Level, 8, 99, St. Georges Terrace,
PERTH, WESTERN AUSTRALIA, 6000

Email: Kerry.Mudge@Agilemining.com.au

Dear Mr. Mudge,

Approval Notification - Exploration Program for Environment Protection and Rehabilitation (EPEPR2024-024) EL 5969

The program for EL 5969, final version submitted on 18 June 2025 to conduct exploration drilling involving 30RC holes, 30 sumps, 30 drill pads, 33km of tracks targeting iron, silver, gold, copper, nickel, uranium and titanium on Commonwealth Hill Station (106km south of Coober Pedy) has been approved in accordance with Section 70B(5) of the *Mining Act, 1971 (the Act)*.

In accordance with section 62(1) of the *Mining Act, 1971*, a rehabilitation bond/bank guarantee to the value of **$50,000** is required to be lodged with the Mining Registrar. Appropriate documentation will be forwarded to you shortly. The bond must be lodged within 28 days of receiving these documents.

You are reminded that:

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

8. The EPEPR is approved for a period of twelve months from the date of this letter.

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

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

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

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

If you require any further information, please contact Shelley Rasmussen on 0409 797 670 or Jonathan Gnanapragasam on 08 8429 7038, 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

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

APPLICATION Mining Act 1971 and Mining Regulations 2020

EXPLORATION PROGRAM FOR ENVIRONMENT PROTECTION AND REHABILITATION (PEPR)

Government of South Australia
Department for Energy and Mining

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

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

SECTION A – GENERAL DETAILS

Operational approval period	**12-month approval period, with an additional 3 months to complete all rehabilitation**			
Tenement details	EL5969			
Tenement holder(s) (for each tenement)	Southern Exploration Pty Ltd with Agile Exploration Pty Ltd as Agent and Operator			
Operating company	Agile Exploration Pty Ltd 102-104 Franklin Street, Adelaide SA 5000			
Agency agreement (if applicable)	See attached letter - Agile Exploration Pty Ltd as agent and operator			
PEPR prepared by	Chaney Lockyer Projects Portfolio Manager			
Project supervisor/contact person(s)	Chaney Lockyer Chaney.Lockyer@yggroup.com.au			
Project/prospect name	Commonwealth Hill Projects (Sequoia and IBIS Prospects)			
Location details	106km south of Coober Pedy, down Stuart HWY, 30km West. 429572N / 6694898E (Sequoia) and 395282N / 6692358E (IBIS).			
Project description, commodity type and mineralisation model	Exploration with development into open pit mining. Iron Ore with various multi-element commodities (Fe, Au, Ag, Cu, Ni, U, Ti).			
Proposed project schedule	Start date	31/08/2025	End date	31/08/2026

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	Kerry Mudge	Signature (digital allowed)	
Position	Authorised Representative, Southern Exploration Pty Ltd	Date	18/06/2025

Pty Ltd

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.

As part of the due diligence process Agile Mining has undertaken a detailed review of all available information, comprising of:
2012 Apollo Minerals Scoping study into Commonwealth Hill.
2012 Marmota Energy Annual Technical Report.
2014 Apollo Minerals combined technical report.
February 1997, South Australian Steel and Energy Projects for Sequoia and IBIS.
Historic information available from S.A SARIG website was also used for to determine previously disturbed tracks and access routes to ensure minimal disturbance for the purposes of this program.
Drill hole core was also sampled from the South Australia core library to undertaken geological and metallurgical analysis to assist with the drill hole program.

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
EL5969	Landholder - Jumbuck Pastoral Company Pty Ltd (Commonwealth Hill Station)	Pastoral Lease	Cattle grazing	Notice of Entry Form 21 B – served 12/07/2024	N/A	N/A	*12/07/2024*	*Agile Mining called Jumbuck head office prior to serving the notice of entry (12/07/2024). No issues were raised at the time, however Agile are expecting further communication and the provision of Station Managers contact details. Agile will contact Jumbuk prior to field work.*
EL5969	AMYAC	Native Title	N/A	Notice of Entry Form 21 B – served 12/07/2024	N/A	N/A	12/07/2024	*Agile Mining have spoken with MPS Law who represent AMYAC on the 12/07/2024. MPS Law confirmed that there should be no problems with the proposed program and that the Heritage Reports are in good standing. The NoE will be raised at the next AMYAC board meeting on the 29th August.*
EL 5969	Petratherm Ltd	Neighbouring EL holder	Exploration	NA	NA	NA	24/03/2025	*Agile contacted Petratherm via email. No issues with proposed track use. Confirmed that deterioration of or damage to tracks will be managed in conjunction with Pastoral Lease holder management.*

Exploration PEPR application – 12-month period

Tenement	Stakeholder	Land tenure	Land use	Date and type of NOE served	Type of exempt land	Date waiver obtained	Date consultation/access agreement and/or permits signed/authorised	Stakeholder concerns raised and how addressed
EL 5969	Marmota Limited	Neighbouring EL holder	Exploration	NA	NA	NA	24/03/2025	*Agile contacted Marmota via email – response received 09/04/2025. Have requested that Agile keep to station tracks and don't clear or cut tracks on Marmota licences (which is not proposed at any time).*

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

N/A

Provide any additional relevant information.

N/A

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.

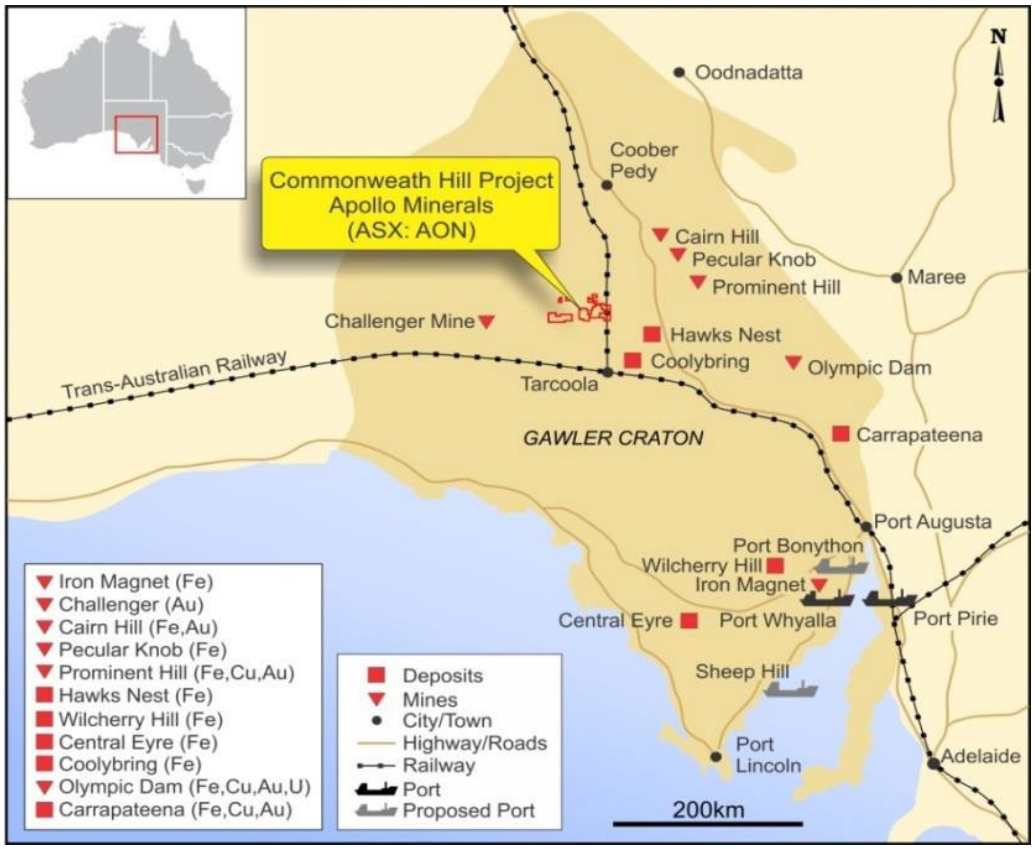
Provide this information on a locality plan/map.

The current land use surrounding the Sequoia and Ibis Prospects is pastoralism, with Jumback Pastoral Company Pty Ltd the managers of the Commonwealth Hill Station. undertaking sheep and cattle grazing activities.

The project area lies within the Woomera Prohibited Area, Defence Infrequent Zone (Green Zone).

Native Title, Consent Determination SC95/7 Antakirinja Matu-Yankunytjatjara.

Refer to Section J, Map 1, 2 and 3 for detailed maps and program positions.



No infrastructure or housing is expected to be impacted by these drilling programs.

Land use and tenure

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

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

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

* Indicates more information required in field immediately below.

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

No relevant development plans found in area of interest (Pastoral Unincorporated Area.

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

None known.

Provide any additional relevant information.

The Sequoia and Ibis Prospects are located within Commonwealth Hill Station.
The project area lies within the Woomera Prohibited Area, Defence Infrequent Zone (Green Zone).
Native Title, Consent Determination SC95/7 Antakirinja Matu-Yankunytjatjara

Woomera Prohibited Area (WPA)

Will activities be conducted within the WPA	Yes ☒	No ☐	Do you have a resource exploration permit in place?	Yes ☒	No ☐
In which zone will activities be conducted?			Defence Infrequent Zone (Green Zone).		
Does the Exploration Permit allow the operator to conduct exploration operations in the WPA?				Yes ☒	No ☐
What is the expiry date of the resource exploration permit?				REX 006-14-03 2 December 2028	
Identify closure periods that may impact on the exploration program.					
Nil					

Other land owned or controlled by the Commonwealth Department of Defence

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

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

Will operations be conducted within the Port Wakefield Proof and Experimental Establishment, Murray Bridge Training Area, or Cultana Training Area?	Yes ☐	No ☒
Do you have a Deed of Access with Defence?	Yes ☐	No ☐
What is the expiry date of the Deed of Access?		
Provide the date the Range Control Officer granted access permission to conduct the proposed exploration operations. Describe the results of consultation and how any concerns raised were addressed.		

Native title

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

Native title			
Is the proposed area of exploration located on native title land?	Yes ☒ No ☐ (If no, no further information in this section required.)		
Are there registered native title party/parties in the area of proposed exploration?	Yes ☒ No ☐	Consent Determination SC95/7 Antakirinja Matu-Yankunytjatjara	If no, an Environment, Resources and Development (ERD) Court determination is required.
Have you negotiated a native title mining agreement?	Yes ☐ No ☒	Is the agreement registered?* Yes ☒ No ☐	
Have you accepted an Indigenous land use agreement (ILUA)?	Yes ☒ No ☐	Is the ILUA registered?* Yes ☒No ☐	Instrument number 109
Have you obtained ERD Court determination?†	Yes ☐ No ☒	Is the determination registered?* Yes ☐ No ☐	NA

* 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 cultural heritage clearance survey will be completed of the proposed drill sites. Refer to Section J, Map 3A.

Landform and topography

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

Generally flat, arid landscape. Historic images show nil to no erosion impacts due to the flat non-undulating land and horizons. Minor rocky outcrops noted throughout tenement.

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 tall shrub layer is Acacia aneura, with a lower shrub level of Senna artemisioides ssp. helmsii, Maireana sedifolia, Eremophila rotundifolia and Senna artemisioides ssp. petiolaris. Ground cover includes Enchylaena tomentosa and Enteropogon acicularis (Plate 1).

This vegetation type occurs on stony rises on loamy sand with an often quite dense ironstone gibber cover (±90%). Vegetation cover is ±10%, with no litter or lichen.

Surface water

Will the proposed program interfere with surface water bodies and natural drainage (e.g. drainage lines, creeks, floodplains, wetlands)? If yes, describe the potential interference and surface water bodies and natural drainage on maps. If no, indicate why.	Yes ☒	No ☐
Where required, existing tracks will be used to cross any water courses or new tracks will divert around drainage features. Any impact on drainage during drilling should not have any significant or long-lasting impacts or interference after rehabilitation of the pads and tracks returns them to their previous form. No discharges to watercourses will occur.		
Is the program area located within water protection areas defined under the *River Murray Act 2003*? If yes, provide the name(s).	Yes ☐	No ☒
<If yes, provide the name(s)>		
Is the program area located within any prescribed watercourses or prescribed surface water areas under the *Landscape South Australia Act 2019*? If yes, provide the name(s).	Yes ☐	No ☒
<If yes, provide the name(s)>		

Groundwater

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

SEQUOIA PROSPECT

Shallow groundwater depth mapping shows that at the Sequoia Prospect, groundwater could be intersected at depths between 10 and 20m depth below the surface (please refer to map 4). Those water wells with recorded data closest to the prospect (approximately 4.6km to the west) indicate that groundwater was intersected at approximately 20m below surface. These records have no recorded aquifer data. One water well located 6.7km to the north-north-west of the prospect has a recorded static water level of 15.2m and has been recorded as occurring in the AD (Archaean – Devonian) aquifer. A review of water wells surrounding the area shows that the majority of those wells with records indicated that water occurs within the AD Aquifer or withing both the AD and the JK aquifers. The planned depth of drilling at the Sequoia Prospect range from 150 to 300m and could intersect groundwater.

IBIS PROSPECT

Shallow groundwater depth mapping shows that at the Ibis Prospect, groundwater could be intersected at depths between 20 and 500m depth below the surface (please refer to map 5). Historic drilling at the prospect has indicated that it is unlikely that this program will hit groundwater, but it is possible. The planned drill hole depth at this prospect is 100-200m. Approximately 8km to the north east of the Ibis Prospect, a water well (Drill Hole 3495) intersected water at 18.29m below the surface and the aquifer was recorded as JK1 – Algebuckina Sandstone – this unit is recognised as a part of the Great Artesian Basin. Approximately 11km to the southwest, a water bore has been drilled that also intersected groundwater at about 15m below the surface and again was recorded as the JK1 aquifer.

Refer to Section J, Maps 4 and 5 for detailed maps of shallow groundwater depth and the location of water wells.

Previous drilling results would indicate that groundwater will not be intersected.

If groundwater is intersected during drilling, the flow will be contained and not discharged to waterways. If the flowrate becomes too great to control, the hole will be stopped.

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

SEQUOIA PROSPECT

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
AD - Archaean to Devonian	*Unknown*	*AD*	*Unknown*	*Unknown*	*DH 4946 – 11,053 mg/L TDS*

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

IBIS PROSPECT

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
JK1 – Jurrasic – Cretaceous Unit 1 (Great Artesian Basin)	*The depth to the GAB (J-K) aquifer is as much as 2400 m below ground level in the state's north east, but this decreases towards the edge of the basin, with the aquifer cropping out along the western and southern margins.*	*Cadnaowie Formation and Algebuckina Sandstone (and equivalents)*	*50 to > 500m*	*Confined artesian basin aquifer*	*DH 3495 – 15622 mg/L TDS* *DH 3497 – 10781 mg/L TDS* *DH 3489 – 1670 mg/L TDS*

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

IBIS PROSPECT and SEQUOIA PROSPECT

Testing of the closest groundwater samples has indicated that the water can have a Total Dissolved Solid content ranging from 1,600 mg/L to 15,000 mg/L indicating that water usage would be restricted to the following and in some cases not usable.

Primary industries —irrigation and general water uses,

Primary industries —livestock drinking water or

Primary industries —aquaculture and human consumption of aquatic foods

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

SEQUIA PROSPECT

There is one aquatic groundwater dependant ecosystem located approximately 5km to the south of the Sequoia. This area will not be impacted by the drilling program.

Terrestrial groundwater dependent ecosystems recorded in the Sequoia Prospect area are recoded as Acacia Woodlands.

IBIS PROSPECT

There are no recorded aquatic groundwater dependant ecosystems in the Ibis Prospect area.

Terrestrial groundwater dependent ecosystems recorded in the Ibis Prospect area are recoded as Acacia Woodlands.

Refer to Section J, Maps 6 and 7 for detailed maps

Is the proposed program located within a prescribed wells area or prescribed water resource area? If yes, provide the name of the area.	Yes ☐	No ☒
NA		

Provide any additional information, if required.

No alien plant species were noted as per report by PB Environmental Services Pty Ltd preliminary biodiversity report in December 2000.

Native vegetation

Will you be working within areas of native vegetation? If yes, provide the following information: • description of the formation and structure of vegetation in the area (e.g. woodland, shrubland, grassland) • list of the dominant species. If no, indicate why you will not be working within areas of native vegetation?	Yes ☒	No ☐
Sand and calcrete plains are dominated by Atriplex vesicaria (bladder saltbush). Maireana sedifolia (pearl bluebush) and Enneapogon spp. (bottlewashers) are also present on silcrete rises. There is sparse Acacia aneura (mulga) over Aristida sp. (kerosene grass), or with Senna artemisioides ssp. (cassia) to the south and east.		

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†
Nil reported from PB Environmental Services baseline assessment undertaken in December 2000. Preliminary Biodiversity assessment.			
No known locations from Nature Maps database. Refer Section J Map 8. *Commonwealth Hill know Flora and Fauna locations*.			

* *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*).

Nil noted as per report by PB Environmental Services Pty Ltd preliminary biodiversity report in December 2000. Buffel grass has been recorded at the Jumbuck Homestead, Agile does not have any intention to visit or utilise the tracks in or around the Homestead. The Homestead is located 15km from the nearest drill program and outside the Southern Exploration tenement.

Fauna

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

The area shows some evidence of sheep grazing pressure. Numbers of foxes and feral cats are likely to be low because of extended period of hot, dry weather and low prey density.

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
No known locations from Nature Maps database. Refer Section J Map 8. *Commonwealth Hill known Flora and Fauna locations.*			

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

Environmentally sensitive locations

Are there any environmentally sensitive locations within or close to the proposed exploration area (e.g. areas having particular ecological, cultural, scientific, aesthetic or conservation value)? If yes, provide a description of identified environmentally sensitive location(s). Mark these areas on a locality plan to identify any areas of conflict so that access roads or other activities can be planned and located effectively.	Yes ☐	No ☒
NA		
Are you likely to impact on the environmentally sensitive area? If yes, detail the likely effects the proposed program may have.	Yes ☐	No ☒
NA		
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.		

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	Agile Mining Services
Land access/environmental		
Field assistants/technicians	1	Bullion Drilling

Drilling crew	4	Bullion Drilling
Site preparation and rehabilitation	1	David Tiler contracting
Other (provide details)		<Include name and contact details here.>

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

Equipment type	Owner/operator	Description/capacity	Activity/purpose
Drill Rig	Drilling		
Support Truck	Drilling	8x8 heavy rigid	Water Supply & tool carrier
Hino Truck	Drilling	Medium Rigid tray top	Support Truck
WRE-300 drill rig (small)	Drilling	Isuzu FTS750 4x4 truck	2nd, smaller rig
Support Truck	Drilling	Mercedes Benz 3034 8x4	2nd support truck
Toyota L/Cruiser	Drilling	Tray top	
Skid steer loader	Drilling		Sumps and site rehab
Light vehicle		Four seat 4WD	Carrying supervising

Provide any additional information, if required.

NA

Low impact exploration activities

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

Drilling activities

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

Tenement	Drilling type	Maximum number of drillholes	Maximum drillhole depth (m)	Maximum number of sumps required at each site	Maximum size of sumps (length x depth x width) (m^3)	Average size of each drill pad* (m^2) (no excavation required)	Number of sites requiring pad excavation	Average volume (m^3) of material to be excavated (excluding sumps)
EL5969	RC	30	300	1	2x2x1 (4m3)	30 x 30 m	0	0
TOTAL		**30**	**9,000m**	**30**	**120m3**	**27,000m2**	**0**	**0**
		Total number of drillholes (add each row to calculate the total).	Total metres proposed (maximum number of holes x average depth for each row, then add each row to calculate the total).	Total number of sumps (maximum number of sumps x drillsites for each row, then add each row to calculate the total).	Total volume of sumps (maximum size of sumps x number of sumps for each row, then add each row to calculate the total).	Total area of disturbance (number of holes x average size for each row, then add each row to calculate the total).	Total number of pads requiring excavation (add each row to calculate the total).	Total volume of material to be excavated (number of sites requiring excavation x average volume for each row, then add each row to calculate the total).

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

Drillsite preparation

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

Heritage and Ground clearance forms are to be completed prior to commencement of work.

Minor earthworks will be undertaken at each site to provide access and suitable ground for drill rig operation. Land clearance and site preparation will only be undertaken where necessary, this will involve removal of vegetation using a 'blade up' method, avoiding direct incision of the soil profile. For excavation of sumps, topsoil and subsoil will be segregated. Work required will be enough to make the work area safe for drill operations. The drill crew will operate their skid steer load to prep each site. There will be no excavation of drill pads, i.e on hill slopes.

The 30 x 30 m size of pads is the total disturbance. The disturbance at each pad will be assessed by the project supervisor and only areas directly impacting safety and operations will be disturbed. A drill access and pad construction crew will complete each pads preparation, in consultation with the project supervisor.

The intention is to leave the drill pads as unimpacted as possible. Sumps will be required to contain water produced during drilling and these will be backfilled and levelled following completion. Where possible previously rehabilitated pads and tracks will be utilised to limit vegetation clearing and disturbance of virgin ground.

Drill pads will be 30 x 30 m to accommodate a single drill hole.

Drillhole construction and decommissioning

Have the personnel responsible for implementing the proposed program read and understood the Earth Resources Information Sheet M21, Mineral exploration drillholes – general specifications for construction and backfilling?	Yes ☒	No ☐

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

Holes will be drilled using reverse circulation drilling techniques to 300 m depth.
A steel or PVC collar will be inserted at ground level. It is not expected that this will need to be cement grouted.
Removable steel casing will be used only if required.

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.

Upon completion, drill hole rehabilitation will be conducted in accordance with Earth Resources Information Sheet M21.

- Casing will be removed from the drillhole, obstructions will be removed prior to sealing. If the casing cannot be removed or has been pressure cemented in position, the drillhole will be securely capped at or below ground level as agreed with the landowner.
- If groundwater is not intersected or an unconfined aquifer is intersected, the holes will be backfilled with drill cuttings or clay, and capped with native soil.
- If a single confined aquifer is intersected, the holes will be plugged from the level at which the aquifer was penetrated with cement grout back to a minimum of 15 m into the confining bed above.
- If multiple aquifers are intersected, —each separate aquifer will be cement grout plugged and the hole backfilled with drill cuttings or clay, and capped with native soil.

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

Costeans and bulk sample disposal pits

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

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

calculate the total).	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.

NA

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).

Samples will be collected and laid out on matting at 2 or 3 metres intervals for geological logging. Upon completion, samples will be disposed of as backfill to the drillholes.

Access routes to work areas

Will existing tracks require upgrading and/or maintenance? If yes, detail the work required to upgrade/maintain existing tracks.	Yes ☒	No ☐
Most tracks exist in an acceptable condition for a short-term project. Minor work on tracks may be needed at the completion of the program. Any work on existing tracks will need to be approved by the pastoral lease holder.		
Will access be required across adjoining tenements? If yes, detail the method(s) for gaining access, and if an agreement is in place with all stakeholders. Include the total area of disturbance required (i.e. length (km) and width (m) of tracks) and provide on a locality map.	Yes ☒	No ☐
Access will be required across adjoining tenements. Communications have been sent to Petratherm Ltd and Marmota Limited. Petratherm have no issues and Marmota have not responded. Agile will liaise with the station manager to ensure that tracks are maintained if required. Refer to Section J, Map 9 and 10		
Will access off existing tracks be required? If yes, detail the method(s) for gaining access and if vegetation clearance is required. Include the total area of disturbance (includes drill traverses and seismic lines) required off existing tracks (i.e. length (km) and width (m) of new tracks).	Yes ☒	No ☐
Access to the exploration licence will be via existing station tracks. Vegetation in the drilling area is sparse and line clearing will be necessary, drill lines will be accessed via existing station tracks on the Commonwealth Hill Station pastoral lease and designed to minimise the total area of disturbance as much as possible. Method of Gaining Access Main tracks are existing and will require minor shrub clearing. The arterial tracks to gain access to the drill lines will be cleared using GPS and the route will be flagged prior to clearing to minimise vegetation disturbance and a back blading track clearing method will be used. Overland tracking will be done on single path. At the Ibis Prospect it is estimated that 21.5km of track will need to be cleared (8.6Ha – tracks 4m wide) At the Sequoia Prospect it is estimated that 11.5km of track will need to be cleared (4.6Ha – tracks 4m wide) Track Length: 33km Width: 4m Total area of disturbance: 132,000m2' The access track to the Buzzard water source will be gained via existing and pre-disturbed tracks on each tenement as shown in Section J Map 11. The water truck will then travel down a local road where it will then meet the Buzzard mine site. All roads are existing and current used by local traffic.		

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

Campsites, storage and equipment laydown areas

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

Campsite details

Indicate where staff and contractors will be accommodated during the exploration program.		
Staff and Contractors will be accommodated via the self-contained caravan onsite. There are separate camps proposed for each location – Ibis and Sequoia prospects. These have been marked on Map 2 and Map 3. Access to the proposed drill sites will be via existing station tracks and newly developed tracks and drill lines within close proximity. Ibis Prospect Camp Location – E 396869, N 6694891 Sequoia Prospect Camp Location – E 431007, N 6693134 Day visits that do not require overnight stays will reside in the Windy Valley Camp or Coober Pedy that is current operated by Agile Mining.		
What is the maximum number of personnel requiring accommodation?	4	
Is a campsite required to be established? If no, no further information is required.	Yes ☒	No ☐
Provide a description and justification of the camp location (e.g. previously cleared areas etc.), and any other relevant information.		
The camp site is limited to a self-contained caravan. No clearing is expected for the caravan site, this will be positioned on previously cleared areas. The remaining personnel will be housed at the Agile Mining Windy Camp 80km North and travel daily to the location.		
What will be the total area (ha) of the campsite(s)?	<0.25 ha	
What will be the total area (ha) of vegetation clearance for the campsite?	<0.25 ha	
If vegetation clearance is required, describe the methods used to prepare the site.		
NA		
Will any excavations be required? If yes, describe the purpose of the excavation and the maximum volume (m^3) of material to be excavated.	Yes ☐	No ☒
NA		
Are the proposed ablution facilities endorsed/approved for use by the Department of Health or local council, where applicable? If no, indicate why.	Yes ☐	No ☒
The self contained caravan has enclosed waste and grey water modules and storage		

Proposed infrastructure (includes caravans, tents, offices, hydrocarbon and water storage requirements etc)	**Quantity**	**Description/capacity**
24ft self-contained caravan.	1	*Sleeps 4. Consists of enclosed waste and grey water modules and storage. Separate freshwater storage containers are stored on vehicles.*

Laydown area details		
Will laydown areas be required? If no, no further information is required.	Yes ☒	No ☐
Will the laydown area(s) be located at the same location as the campsite? If no, has the location(s) been discussed with the landowner?	Yes ☒	No ☐
Yes.		
What will be the maximum area (ha) required for the laydown area(s)?	0.25 ha	
What will be the total area (ha) of vegetation clearance for the site?	0.25 ha	
If vegetation clearance is required, describe the methods used to prepare the site.		
Backhoe for above ground line clearing only.		
Will any excavations be required? If yes, describe the purpose of the excavation and volume (m^3) of material to be excavated.	Yes ☒	No ☐
Excavation for drill sumps and drill pad levelling.		

Proposed infrastructure (includes hydrocarbon and water storage requirements)	**Quantity**	**Description/capacity**
Laydown	1	Laydown area for TR1 - Freight Trailer, PVC, Consumables, Additional Water etc
Provide a description and justification of the location (e.g. previously cleared areas), and any other relevant information if required.		
Proposed areas for the laydown area adjacent to the camp sites and will be on previously disturbed ground. The proposed sites have flat ground, area free of vegetation and debris and are adjacent to existing station tracks and near the drill sites to avoid excess movements along		

existing tracks. Final selection of the laydown area will occur at the commencement of the program in consultation with the drill crew and pastoralist.

Other exploration methods and/or ancillary operations

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

Water supply and management

Will camp and/or drilling water be required? If yes, describe how and where water will be sourced for drilling, track maintenance and camping purposes (e.g. groundwater, surface water, mains). Provide details on the volume of water required and how wastewater or runoff water will be managed.	Yes ☒	No ☐
The project will require water for drilling, dust suppression, track maintenance and vehicle wash-down (where required). Drilling water and potable water will be trucked in. A 10,000L truck mounted water tank will be provided on site. It is anticipated that up to 10,000 L of water will be required for track maintenance and drilling operations per day. Water will be sourced from the Buzzard Mine approximately 84km East. Sumps will be excavated adjacent to drill pads for use in drilling activities. Should groundwater be encountered during drilling activities, these sumps will be utilised for collection of groundwater produced during drilling operations and to minimise surface runoff. Drilling will cease should groundwater generated during drilling activities be greater than the holding capacity of sumps. The RC rig will be capable of drilling to 300m depth, in wet or dry holes. Wastewater generated by exploration activity will be limited to that resulting from vehicle wash-down, should that be required. Vehicle wash-down, where required, will be conducted in a designated area of existing disturbance on a suitable drill pad after drilling has been completed, with runoff water directed into the drill sump.		
Will surface water and/or mineral drillholes be used as a water source/supply? If yes, indicate if a licence for water extraction/usage is required (refer to relevant Natural Resources Management water allocation plan available on the Department for Environment and Water (DEW) website. If a licence is required and has been obtained please attach a copy. Where a licence has not been obtained, include a statement confirming that a licence will be obtained before the extraction and/or usage of water.	Yes ☐	No ☒
NA		

Groundwater and drilling investigation activities

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

Water affecting activities

Will any water affecting activities, other than drilling a water well, be undertaken (refer to s. 127 of the Landscape South Australia Act 2019)? If yes, attach a copy of the permit. If a permit has not been obtained, provide a statement confirming that a water affecting activity permit(s) will be obtained and provide a description of the site preparation, vegetation clearance, and safety and maintenance requirements.	Yes ☐	No ☒
NA		

Management of hazardous materials

Will activities be conducted in areas of known uranium and thorium mineralisation? If yes, attach a Radiation Management Plan and confirmation of endorsement of the plan by the Environment Protection Authority South Australia (EPA).	Yes ☒	No ☐
Will any other hazardous material be encountered when exploring in the area? If yes, list the types of hazardous materials and provide a management plan on how these materials will be managed.	Yes ☐	No ☒
Radiation management plan has been endorsed.		

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.
Drill sites will be rehabilitated at the end of drilling. A skid steer loader (bobcat) will fill in the sumps and smooth over other ground disturbance. All drill cuttings will be backfilled into the hole, or placed in the base of the sump and buried. Drill holes will be backfilled and rehabilitated. Any collar casing will be removed or cut below the surface level and backfilled. Pad and access tracks will be smoothed over and raked where applicable.
State the estimated budget required to rehabilitate impacted sites.
Tracks – $7000 Drill Holes – $1000 Drill Pads – $1000 Camp Sites/Laydown Areas - $1000 Total - $10,000

Vegetation Clearance

Will any area of cleared native vegetation be unrehabilitated after the authorised period?	Yes ☐	No ☒
If yes, provide a description of the vegetation present in the application area, the extent of the proposed vegetation clearance and the likelihood of the presence of threatened flora. Provide this information on a map.		
NA		
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.		
NA		

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.

NA

SECTION F – MANAGEMENT OF ENVIRONMENTAL IMPACTS

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

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

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

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

How to fill out the table

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

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

Impact assessment							Outcomes	Outcome measurement criteria (inc. monitoring plan)
Receptor Lists are not exhaustive.	**Potential impacts** Lists are not exhaustive.	**Is the potential impact applicable (Yes/No)** Some potential impacts are applicable to all programs.	**Control strategies** Indicate where there is uncertainty pertaining to the likely effectiveness of the control strategies. Where the risk is not considered low, provide justification that the risk is acceptable, or consider additional strategies to reduce the risk to an acceptable level. – refer to Minerals Regulatory Guidelines MG22 for more information.	**Risk assessment** LH = likelihood of consequence CQ = severity of consequence **LH**	**CQ**	**Risk**		
Stakeholders: • freehold land owners • perpetual lease holders • pastoral lease holders • Aboriginal land (Antakirinja Matu-Yankunytjatjara lands) • Department of Defence • state government departments. • local government (councils) • federal government • native title parties.	Interference to: • existing or permissible land use (includes loss of income, noise, dust, light and other emissions). • buildings, structures, existing tracks or other infrastructure. • aesthetic values of an area. Noncompliance with legislative requirements.	Yes (Applicable to all programs.)	Exploration activities to be carried out with minimal disturbance and areas reinstated to current condition if further exploration/mining activity does not eventuate. Site access will use existing tracks in consultation with landowners. Vehicle speed limits will be imposed to reflect local road conditions and will be reviewed regularly with regard to prevailing weather and the proximity to any infrastructure or stock and will be indicated by appropriate signage. Daily access to drill sites will be planned to minimise vehicle movements. Site work will usually involve a single entry and exit per day by the drilling crew, and up to three entries and exits per day by geologists, field assistants and other personnel. The service truck and water truck for the drill rig will be the only other regular traffic. Drillholes will be sited where possible to make use of existing tracks and fence lines, avoiding infrastructure, water points and areas of current pastoral activity (in consultation with pastoral lease holder). There is no residence within the EL areas. The nearest residence is Commonwealth Hill Homestead. All activities will be conducted in accordance with the EPEPR and DEM Guidelines MG4: landowner rights and access arrangements in relation to mineral exploration and mining in South Australia. Rehabilitation strategy will be discussed and agreed upon with the landholder. With the intention to restore the land to a stable condition that will facilitate land use consistent with the established use before the exploration program commenced. The requirements for rehabilitation will be in line with this PEPR and the Mining Act.	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.

Impact assessment							Outcomes	Outcome measurement criteria (inc. monitoring plan)
Receptor Lists are not exhaustive.	**Potential impacts** Lists are not exhaustive.	**Is the potential impact applicable (Yes/No)** Some potential impacts are applicable to all programs.	**Control strategies** Indicate where there is uncertainty pertaining to the likely effectiveness of the control strategies. Where the risk is not considered low, provide justification that the risk is acceptable, or consider additional strategies to reduce the risk to an acceptable level. – refer to Minerals Regulatory Guidelines MG22 for more information.	**Risk assessment** LH = likelihood of consequence CQ = severity of consequence				
				LH	**CQ**	**Risk**		
			Ongoing liaison with stakeholders prior to, during and following exploration activities will occur. A relationship with Jumbuck Pastoral Company Pty Ltd is currently being established and clear contacts with onsite personnel at the station will be maintained.					
Stakeholder: DEW	Interference to: • existing or permissible land use. • buildings, structures, existing tracks or other infrastructure. • aesthetic values of an area. Noncompliance with legislative requirements.	No (Applicable to programs located adjacent to or within parks and reserves.)	NA			*NA*	**For activities located within or adjacent to regional reserves, national, conservation and marine parks only:** • **no unauthorised interference with park management activities.**	Provide confirmation that: • Park access notification forms were submitted to DEW and DEM at least 10 days prior to entry into regional reserves, national, conservation and marine parks, or • Program notifications for PEPRs approved for an ongoing period of time, were submitted to DEW and the DEM at least 21 days prior to entry into regional reserves, national, conservation and marine parks.
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.)	Compliance to the *Native Vegetation Act 1991*. Unnecessary vegetation disturbance will be avoided with implementation of company policies and procedures, incorporating: • Planning tracks around vegetation, rather than through it • Minimise disturbance and rehabilitate as soon as practicable. • Vegetation is sparse, clearing of pad will be avoided where possible – only enough to ensure safe drilling operation. • Ground disturbance permits • Consultation with supervisor and contractors • Site access will use existing tracks in consultation with landholders. • Drillholes sited where possible to make use of existing tracks and fence line. In the first instance, only minor new tracks are required from existing tracks to the drill sites, they will be sited to minimise the amount of vegetation removal and will pass around any larger trees or shrubs. Additional tracks may be required if drill hole locations need to be changed, or if the first drill holes are promising and further holes are planned. Drill sites will only be cleared if necessary, in consultation with the drilling crew and supervisor. This will determine the main work area, and potential hazards. This clearance will be vegetation (from driving over to blade up. Digging of sumps will incorporate segregation of material types – 200 mm of topsoil will be stockpiled separately. Drill pads will be a maximum 30 x 30 metres, to allow for sufficiently sized sumps. Where two holes are required drill pads will be approximately 50m x 50m. The pads will only be cleared of vegetation where necessary, using the blade up technique. The larger size of the pads will enable safe and efficient drilling and testing. Traffic will be restricted to one track to minimise potential for multiple tracks developing.	*2*	*B*	*Low*	**No permanent loss/modification of native flora and fauna populations and their habitats through:** • **clearance** • **fire** • **other** **unless prior approval under the relevant legislation is obtained.**	Maintain before, during and after photographic evidence of all exploration sites (e.g. drillsites, new track exit/entry points off existing tracks, costeans, campsites) demonstrating that: • The area and method of disturbance is consistent with that described in the PEPR. • No uncontrolled fires* occurred as a result of exploration activities. Representative photos to be included within the annual exploration compliance report.

Impact assessment							Outcomes	Outcome measurement criteria (inc. monitoring plan)
Receptor Lists are not exhaustive.	**Potential impacts** Lists are not exhaustive.	**Is the potential impact applicable (Yes/No)** Some potential impacts are applicable to all programs.	**Control strategies** Indicate where there is uncertainty pertaining to the likely effectiveness of the control strategies. Where the risk is not considered low, provide justification that the risk is acceptable, or consider additional strategies to reduce the risk to an acceptable level. – refer to Minerals Regulatory Guidelines MG22 for more information.	**Risk assessment** LH = likelihood of consequence CQ = severity of consequence				
				LH	**CQ**	**Risk**		
			Exploration drill pads and associated infrastructure (such as sump bunds and access tracks) will be decommissioned, removed and the areas rehabilitated at completion of exploration drilling, unless prior approval from DEM is received. Progressive rehabilitation works will restore land to stable condition that will facilitate land use consistent with that established prior to implementing the exploration program of work. Remediation works will promote natural regeneration of vegetation. Controls will be implemented to reduce fire danger and in the event of a fire, emergency response plan protocols will be implemented. The companies Flora and Fauna Management Plan provides procedures for the management all critical and endangered species; • Disturbance areas of endangered and vulnerable species is strictly forbidden • Prior to tracks and pad preparation, the area is to be inspected. Where endangered or vulnerable flora is identified the land should not be disturbed and a 5m exclusion zone should be established to prevent harm					
All flora and fauna, especially listed species.	Loss/modification of the environment (biological, social and economic) through the introduction of weeds and pathogens.	Yes (Applicable to all programs.)	All new pest animal and weed species incursions and existing pest animal and weed species will be managed in accordance with control measures described the companies weed hygiene and washdown SOP; • All vehicles are to be washed down prior to arriving on site. • All vehicles are inspected, and a checklist is completed. • Cleared vehicles are recorded on a register. • All vehicles to stay to tracks and access routes. Further to initial entry on site and vehicle inspections, site inductions will include specific management actions for weeds (especially weeds of national significance (Boxthorn, Athol Pine and Wards Weed and will include targeting key pathways of movement to prevention of further spread of weeds. Periodic surveys for weeds (after major rain events or earth moving event) will be conducted by suitably qualified personnel and actions to manage will be implemented.	*2*	*B*	*Low*	**No introduction of new species of weeds and plant pathogens, nor increase in abundance of existing weeds species.**	Provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report, confirming that: • Vehicle logs were kept during the exploration program, demonstrating that all vehicles are clean and free of plant and mud material prior to entering properties† within the tenement areas, unless otherwise agreed to with the relevant landowners. • Photographic evidence before and during exploration operations and after rehabilitation of disturbed sites was captured, demonstrating that no new weeds and plant pathogens were introduced, nor an increase in abundance of existing weeds recorded.
All fauna	Entrapment of fauna through open drillholes and excavations.	Yes (Applicable to exploration programs that involve drilling and/or require excavations.)	Collars will be capped immediately after exploration and investigative drilling is completed. Hole casing will be cut off at ground level, hole plugged, and backfilled once field survey and any planned down hole surveys are complete. Sumps will be constructed with a sloping ingress/egress to prevent fauna from falling into the sumps. Windrows will also be established around the sumps to deter fauna from congregating around the sumps and potentially falling in. Sumps will be flagged. At the completion of drilling, sumps will be back filled, with subsoil, and then top soil. All rehabilitation conducted as per the *MG33 Statement of environmental objectives and environmental guidelines for mineral exploration activities in South Australia*.	*2*	*B*	*Low*	**No fauna traps created as a result of exploration activities.**	Maintain before, during and after photographic evidence of all drillholes and/or excavations demonstrating that: • All drillholes were permanently or temporarily capped/plugged immediately upon completion. • No fauna and livestock became trapped in drillholes and/or excavations throughout the duration of the program. • All rehabilitation was completed within 3 months of expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. Representative photos are to be included within the annual exploration compliance report. Provide the information requested within the 'Rehabilitation' section of the annual exploration compliance report.
Aboriginal heritage sites	Disturbance to Aboriginal heritage.	Yes (Applicable to all programs.)	Exploration activity to be undertaken with consideration of heritage survey results and in liaison with representatives of the Antakirinja Matu-Yankunytjatjara Native Title Aboriginal Corporation.	*2*	*B*	*Low*	**No disturbance to Aboriginal artefacts or sites of significance unless prior approval under the relevant legislation is obtained.**	Maintain a database and provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report demonstrating that: • Heritage sites were not impacted during the conduct of the exploration program, unless prior approval was obtained under the appropriate legislation. • Work ceased on discovery of a significant site and recommenced only after authorisation.

Impact assessment							Outcomes	Outcome measurement criteria (inc. monitoring plan)
Receptor Lists are not exhaustive.	**Potential impacts** Lists are not exhaustive.	**Is the potential impact applicable (Yes/No)** Some potential impacts are applicable to all programs.	**Control strategies** Indicate where there is uncertainty pertaining to the likely effectiveness of the control strategies. Where the risk is not considered low, provide justification that the risk is acceptable, or consider additional strategies to reduce the risk to an acceptable level. – refer to Minerals Regulatory Guidelines MG22 for more information.	**Risk assessment** LH = likelihood of consequence CQ = severity of consequence **LH**	**CQ**	**Risk**		
			Where significant sites are located close to water discharge points, the discharge of water will be closely monitored. If discharge water approaches the sites, testing will cease. Traditional owners were consulted during the clearance survey for the discharge of water, and its potential effects. Discharge sites were checked and cleared by the traditional owners. Exploration personnel participate in all heritage inductions prior to field work commencing, are reminded of the possible existence of heritage sites and the importance of not disturbing such sites. Proposed exploration activities will be undertaken in areas heritage cleared by the Antakirinja Matu-Yankunytjatjara Native Title Aboriginal Corporation. In the event of a discovery of a potential Aboriginal artefact all works will stop in the immediate vicinity, the area will be clearly marked and isolated from other work and relevant authorities will be notified. Work to recommence only after authorisation has been received.					• 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.)	NA				**No disturbance to European heritage sites and to sites of scientific and environmental significance unless prior approval under the relevant legislation is obtained.**	Demonstrate no impact to heritage sites and sites of scientific and environmental significance by: • Maintaining evidence, including detailed maps showing sites compared to the location of exploration activities, and photographic evidence of sites before and after the conduct of the exploration program. • Providing a statement within the annual exploration compliance report confirming sites were not impacted during the conduct of the exploration program.
Soil/vegetation/fauna	Soil/vegetation contamination (e.g. hydrocarbons, rubbish, drill samples/cuttings, ablutions, other sources).	Yes (Applicable to all programs.)	Pre-start checks (safety and environment) will be undertaken on equipment to identify any leaks. Site inspection will be undertaken, and corrective actions implemented before project sign-off is completed. All spills greater than 20 litres will trigger incident report to be submitted to the company's HSE team as per Environment Incident and Spill Response Procedures. Refuelling (if necessary) will be undertaken with spill controls in place. Any potentially contaminating activities associated with exploration is managed in accordance with industry and regulatory guidelines. All rubbish will be contained to avoid attraction of pest vertebrate species and removed. Rubbish will be transported to the Buzzard Mine site for disposal. An agreement is in place for Agile Exploration to use the waste disposal facilities at Buzzard Mine. Waste to be managed in accordance with the Waste Management Procedure and legislation. Drill cuttings will be backfilled down the drillholes. No bulk fuel, oil or chemical storage will occur on site. Vehicles/drill rigs will have a spill kit on board in the event of a leak/burst hose/loss of fuel. All operators will be trained in the use of the spill kits.	*3*	*A*	*Low*	**No contamination of soil and vegetation as a result of exploration activities.**	Demonstrate that all domestic or industrial waste (includes general rubbish and hydrocarbons) is disposed of in accordance with the *Environment Protection Act 1993* within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), and that all fuel and chemicals are stored in accordance with EPA requirements, by providing: • The name, location and contact details of the authorised waste disposal facility. • A statement within the 'Compliance with approved programs' section of the annual exploration compliance report confirming domestic and industrial waste was removed from all exploration sites and disposed of at an authorised waste disposal facility. • Photographic evidence within the annual exploration compliance report demonstrating that all fuel and chemical storage facilities were managed in accordance with EPA requirements. Maintain photographs of all exploration sites and provide representative photos within the annual exploration compliance report demonstrating that drill cuttings are: • removed from site and disposed of at a licensed facility • buried under a minimum of 30 cm of soil, or in accordance with EPA guideline, *Radiation protection guidelines on mining in South Australia: mineral exploration*, available on the EPA website, or • backfilled down the drillhole, within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. Provide the information requested within the 'Rehabilitation' section of the annual exploration compliance report.

Impact assessment							Outcomes	Outcome measurement criteria (inc. monitoring plan)
Receptor Lists are not exhaustive.	**Potential impacts** Lists are not exhaustive.	**Is the potential impact applicable (Yes/No)** Some potential impacts are applicable to all programs.	**Control strategies** Indicate where there is uncertainty pertaining to the likely effectiveness of the control strategies. Where the risk is not considered low, provide justification that the risk is acceptable, or consider additional strategies to reduce the risk to an acceptable level. – refer to Minerals Regulatory Guidelines MG22 for more information.	**Risk assessment** LH = likelihood of consequence CQ = severity of consequence **LH**	**CQ**	**Risk**		
			All hydrocarbon spills will be contained immediately, impacted soil will be collected, bagged and sent to a licenced facility for disposal or treatment. Calico sample bags will be removed from site once all samples are logged and chipped.					
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.)	Consultation and agreement of actions and remediation with Jumbuck Pastoral prior to commencement of work. Exploration activities will be carried out with minimal disturbance to soil profile and topography by: • Using existing tracks where possible. • Ensure that new tracks are developed with the minimum width to ensure safe access, avoiding clearance of low shrubby vegetation and grasses where possible. • Where vegetation clearance is required, it will be 'blade up,' and follow company SOPs – refer to "*Flora and fauna and their habitats receptor control and rehab strategies*" above. • Siting access tracks and drill pads with careful consideration of prevailing topography to limit the potential for modified water runoff. • Areas will be reinstated to original condition. • Prior to any clearance work, all contractors are consulted with. • All disturbance work will be supervised by company personnel. Where sump preparation is required, topsoil will be removed to a depth of 200 mm, stored separately to the subsoil. Upon rehabilitation of the sump, the sump will be backfilled with subsoil, and then the topsoil will be placed over the subsoil. Hole casing will be cut off at ground level, hole plugged, and backfilled once field survey and any planned down hole surveys are complete.	*2*	*B*	*Low*	**Where soil disturbance occurs as a result of exploration activities, ensure that:** • **topsoil quality and quantity is maintained** • **the soil profile and topography is reinstated to original conditions** • **there is no accelerated soil erosion.**	Maintain before, during and after photographic evidence of all excavations, drillsites, camps, laydown areas and new tracks demonstrating that: • The soil profile and topography is reinstated to original conditions and is consistent with natural surroundings within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. • Where required, sufficient topsoil is removed (depending on soil profile), stored separately from subsoil and reinstated (in the correct order) within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. • There are no signs of accelerated soil erosion during and post rehabilitation of disturbed sites. Representative photos to be included within the annual exploration compliance report. Provide the information requested within the 'Rehabilitation' section of the annual exploration compliance report.

Impact assessment							Outcomes	Outcome measurement criteria (inc. monitoring plan)
Receptor Lists are not exhaustive.	**Potential impacts** Lists are not exhaustive.	**Is the potential impact applicable (Yes/No)** Some potential impacts are applicable to all programs.	**Control strategies** Indicate where there is uncertainty pertaining to the likely effectiveness of the control strategies. Where the risk is not considered low, provide justification that the risk is acceptable, or consider additional strategies to reduce the risk to an acceptable level. – refer to Minerals Regulatory Guidelines MG22 for more information.	**Risk assessment** LH = likelihood of consequence CQ = severity of consequence				
				LH	**CQ**	**Risk**		
Surface water	Alteration to surface water – interference to surface drainage.	No	No earthworks will occur on creek crossings. The creeks have low entry and exit banks. The creek sand (part of the existing tracks) will be disturbed by vehicle movement and will be remediated at the end of the program, utilising a very light grade to level out the sand, this will not impact drainage channel flow. No material will be taken out or added to the drainages. Original contours will be re-established as part of the rehabilitation process. Soil pushed aside to establish level drill pads will be reinstated as near as possible to the original contour profile of the terrain.	*2*	*B*	*Low*	**No permanent modification to hydrological features caused by exploration activities without obtaining a water affecting permit from the relevant Landscape Board (under Landscapes Act SA 2019).**	Provide before, during and after photographic evidence within the annual exploration compliance report demonstrating that original drainage contours (watercourses and lakes) are consistent with the natural relief post rehabilitation within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period). Alternatively, provide copies of water affecting permits within the annual exploration compliance report.
Groundwater/aquifer	Groundwater contamination: • contamination of aquifers through entry of pollutants from the surface • interconnection between aquifers • degradation of natural hydrostatic conditions (maintain pre-drilling pressures).	Yes (Applicable to all exploration programs that may intersect groundwater.)	Contingency processes include; Drillholes which penetrate a single unconfined aquifer – on completion, backfill with drill cuttings, and (if required) clean fill containing clay, or cement. Drillholes which penetrate a single confined aquifer – plug from the level at which the aquifer was penetrated with cement grout back to a minimum of 15 m into the confining bed above; and then backfill as above. Drillholes which penetrate more than one aquifer – separate each aquifer by a cement grout plug and then backfill as above. Where no groundwater is encountered, drillholes will be capped if required for surveying or monitoring purposes, otherwise PVC casing will be removed or cut off at ground level or below and then backfilled from bottom of hole to top. Drilling water will be trucked in from Windy Valley Camp.	*2*	*A*	*Low*	**Drillholes restored to controlling geological conditions that existed before the hole was drilled or, where it is intended to re-enter the hole, the hole must be completed with casing of adequate strength and the casing cemented so that all aquifers are isolated to prevent the movement of any fluids behind the casing.**	Maintain evidence demonstrating that drillholes are decommissioned in accordance with Earth Resources Information Sheet M21, *Mineral exploration drillholes – general specifications for construction and backfilling*, and/or specific conditions from DEW (Groundwater) within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. Provide the information requested within the 'Groundwater' section of the annual exploration compliance report.
Soil/vegetation/fauna	Discharge of groundwater into the surrounding environment.	Yes (Applicable to all exploration programs that may intersect groundwater or where activities require the discharge of groundwater into the surrounding environment.)	Sumps will be constructed adjacent to each drill hole. Nominal sump dimensions are 2x2x1, maximum and subject to topography and ground conditions. The sumps will contain any groundwater encountered. Drilling will cease should ground water generated during drilling activities be greater than the holding capacity of the sumps. All sumps will be backfilled to restore the area to its original condition and profile. Drilling will cease should groundwater generated during drilling activities be greater than the holding capacity of the sumps. Collars will be capped immediately after drilling is completed. Dry holes encountered will be backfilled, collars cut and rehabilitated.	*2*	A	*Low*	**No discharge of groundwater outside of the exploration site (e.g. drillsite) into the surrounding environment and no discharge of water into a watercourse, unless prior approval under the relevant legislation is obtained.**	Maintain photographic evidence of all drillsites demonstrating that groundwater was not discharged into the surrounding environment. Representative photos to be included within the annual exploration compliance report.
Groundwater users	Interference to existing water users when extracting water from existing dams, water bores or mineral drillholes.	No (Applicable to all exploration programs that may require the use of water from existing dams, water bores or mineral drillholes.)	Water will be trucked into drilling site from the Windy Valley Camp. Any complaints received will be investigated and actions put in place to achieve an agreed resolution within one month of the complaint. Details will be communicated to DEM.	*2*	*B*	*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.
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.)	Any previously closed and rehabilitated access tracks or new tracks will be managed and rehabilitated in the same manner as the new track. Where practical the entrance to new access tracks off existing tracks will be dog legged at the entrance to reduce visibility, and once rehabilitation is complete, access track entry points will be blocked or disguised with natural obstacles. Audits of rehabilitated areas will be performed post-closure to ensure that all areas have been professionally and adequately rehabilitated.	*2*	*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.

Impact assessment							Outcomes	Outcome measurement criteria (inc. monitoring plan)
Receptor Lists are not exhaustive.	**Potential impacts** Lists are not exhaustive.	**Is the potential impact applicable (Yes/No)** Some potential impacts are applicable to all programs.	**Control strategies** Indicate where there is uncertainty pertaining to the likely effectiveness of the control strategies. Where the risk is not considered low, provide justification that the risk is acceptable, or consider additional strategies to reduce the risk to an acceptable level. – refer to Minerals Regulatory Guidelines MG22 for more information.	**Risk assessment** LH = likelihood of consequence CQ = severity of consequence				
				LH	**CQ**	**Risk**		
Community/landowners	Damage to infrastructure and loss of income through fire.	Yes (Applicable to all programs.)	Fires will be prohibited on site, except in the designated campsite with the approval of the pastoral leaseholder, and in line with CFS and fire ban season. Approved and maintained equipment engine exhaust systems. Emergency Response Plan protocols will be implemented. Exploration activities are contained within the proposed footprint. Any complaints received will be investigated and actions put in place to achieve an agreed resolution within one month of the complaint. Details will be communicated to DEM.	*2*	*B*	*Low*	**No loss of infrastructure or income through fire as a result of exploration activities.**	Provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report confirming that no uncontrolled fires* occurred. Alternatively, provide a report on the independent investigation of all uncontrolled fires* demonstrating that the licensee could not have reasonably prevented the fire through the implementation of precautionary measures.
General public	Injury or death to members of the public as a result of exploration activities.	Yes (Applicable to all programs.)	Adopt practices to protect personnel, land users, the public from dangers to health and safety arising from exploration activities. During drilling activities signage and barricades will be erected in work areas to notify unauthorised persons of 'no-go' zones. Comply with all relevant fire restrictions and safeguards in the conduct of exploration activities. Fires will be prohibited on site, except in the designated campsite with the approval of the pastoral leaseholder. Access to the drill site will be limited to the drilling crew, geologists, field assistants and in-house safety and environment personnel. Site work will usually involve a single entry and exit per day by the drilling crew, and up to three entries and exits per day by geologists, field assistants and other personnel. The service truck and water truck for the drill rig are the only other normal traffic. All drillholes will have PVC casing removed or cut off below the ground in line with Guideline M21 – *Mineral Exploration Drill holes – General Specifications for Construction and Backfilling*. Should casing be required to be left temporarily above ground (e.g. for down hole survey, monitoring water levels etc.), then casing will be capped immediately, and cutting and rehabilitation completed within three months of expiration of PEPR approval. Where practical the start of new access tracks coming off existing tracks will be dog legged and blocked at the entrance to reduce visibility and prevent third party access. Open excavations will comply with SafeWork SA requirements. Adhere to landholder access arrangements.	*1*	*D*	*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.
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.)	Not applicable				**No increase in background radiation levels, and employee/contractor exposure levels during the exploration program are within safe limits.**	Maintain a database and provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report demonstrating that: • Radiation levels post exploration and rehabilitation are consistent with pre-existing background levels. • Employee and contractors exposure levels were within safe limits during the exploration program.
Other (if applicable)								

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

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

SECTION G - OPERATOR CAPABILITY

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

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

  Practices and procedures in place to respond to, and communicate with landowners and external parties on the proposed program and compliance matters (e.g. complaints)

Standard Operating Procedures have been developed and adjusted to meet the needs of the Ibis and Sequoia Prospects. Agile Mining Services, acting as the exploration contractor, has developed site specific management plans, procedures, forms, checklists to manage exploration programs. These include (but not limited to):

Flora and Fauna Management plan

Weed hygiene and washdown checklist

Ground disturbance checklist

Spill response procedures

Emergency management plan

Ibis and Sequoia Project Induction

Agile has a stakeholder engagement plan, and acts accordingly. Pastoral lease holders and native title holders have been actively engaged in this planning for this drilling program.

Supervision of exploration programs are undertaken by experienced staff. During activities, the approved EPEPR is on site and available to everyone. Ongoing compliance checks are completed by the supervising geologist, these include compliance with the Mining Act / approved EPEPR and cultural heritage protection.

Effective communication is maintained through the headquarters and the station managers.

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.

ALMAC and ILUA signed agreements. Attachments Section H Support 1 and Support 2.

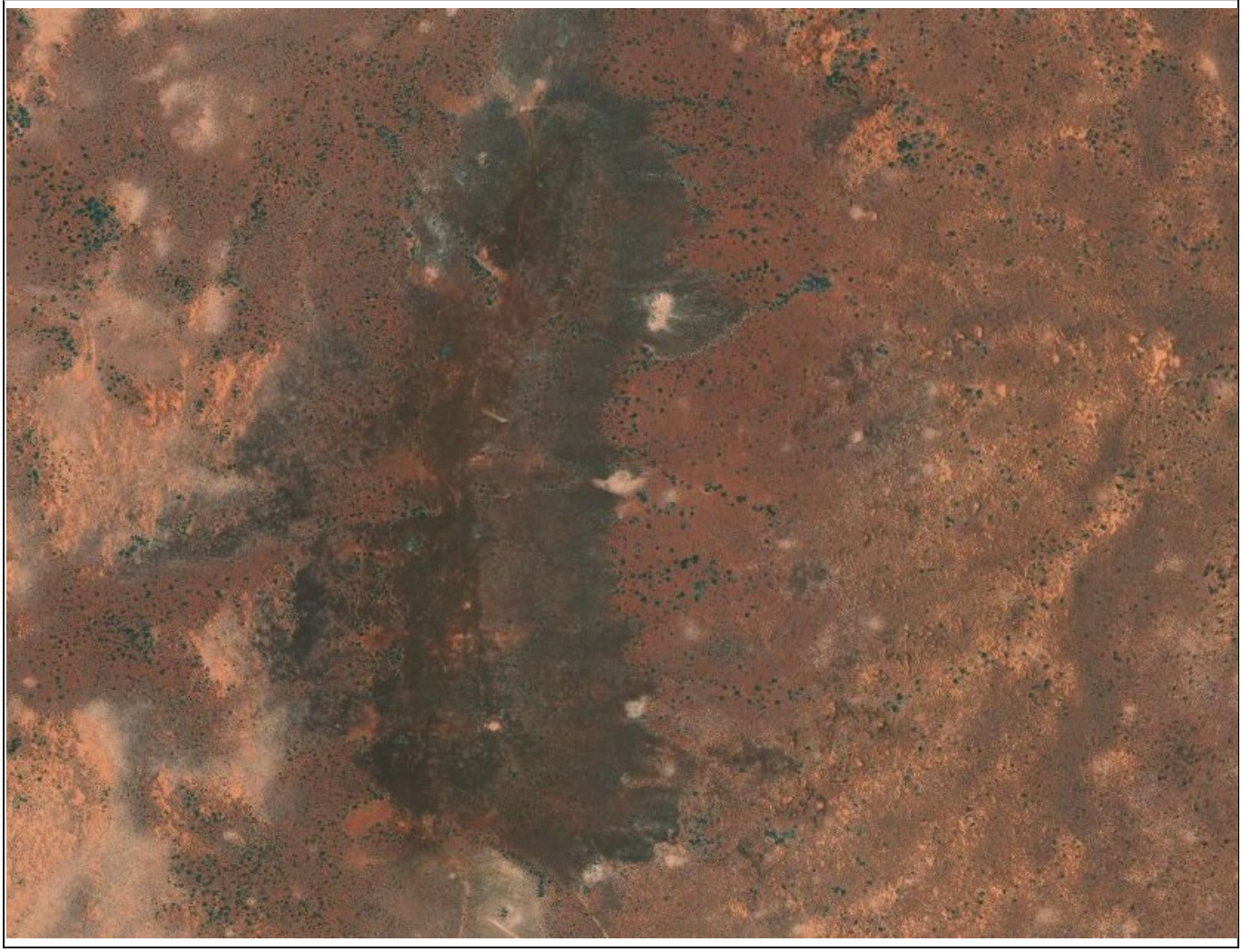
SECTION I – PHOTOS

Include photographs in this section:

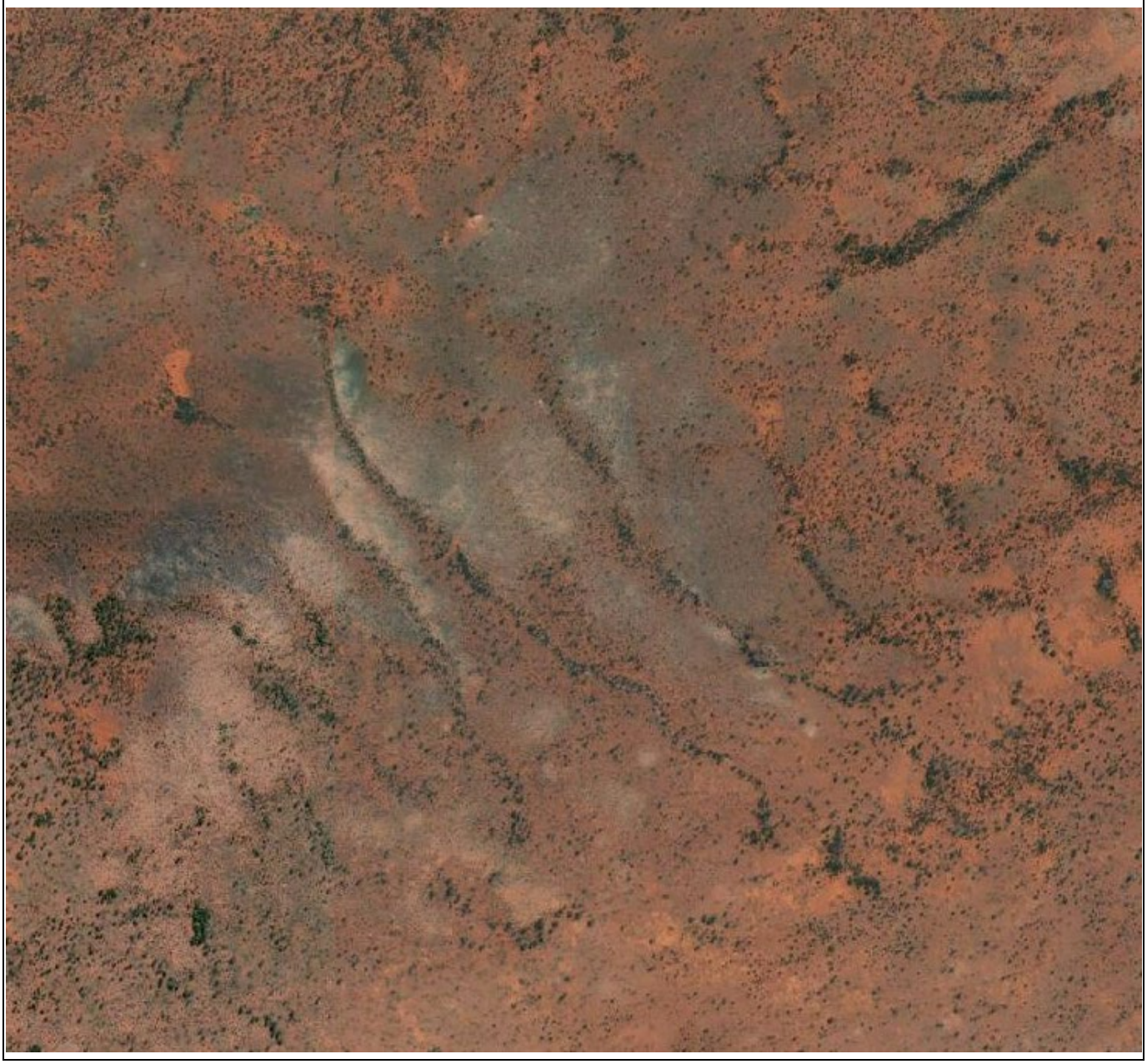
- that have been obtained during site visits
- that help describe relevant environmental and operational aspects in the PEPR.

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

Site identification	Date taken	Photo number & PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Details and Comments
Sequoia drill area	01/06/2024		431010	6693765	53	Light scrub



Site identification	Date taken	Photo number & PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Details and Comments
IBIS drill area	01/06/2024		397196	66974769	53	Light scrub

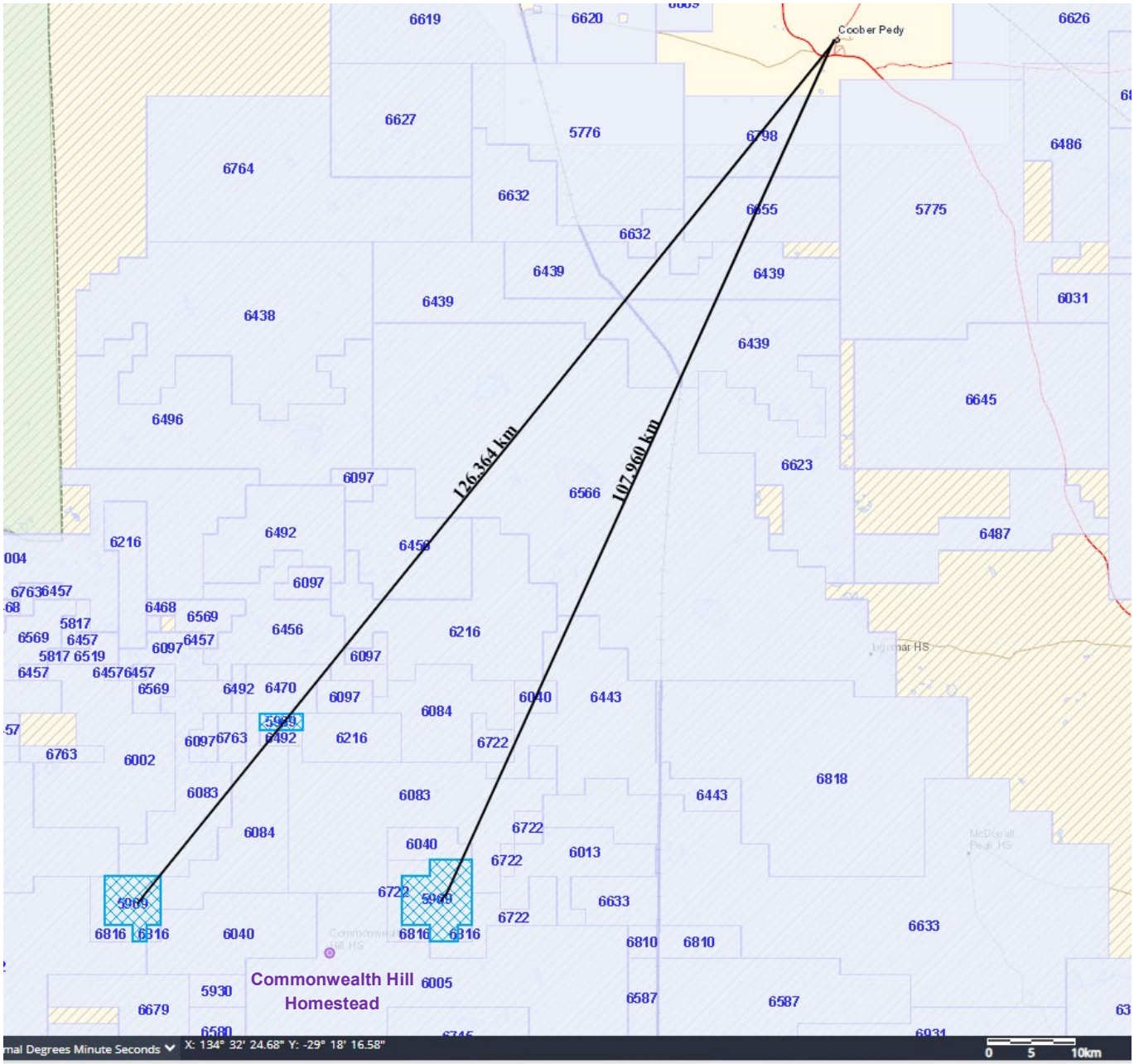


SECTION J – MAPS

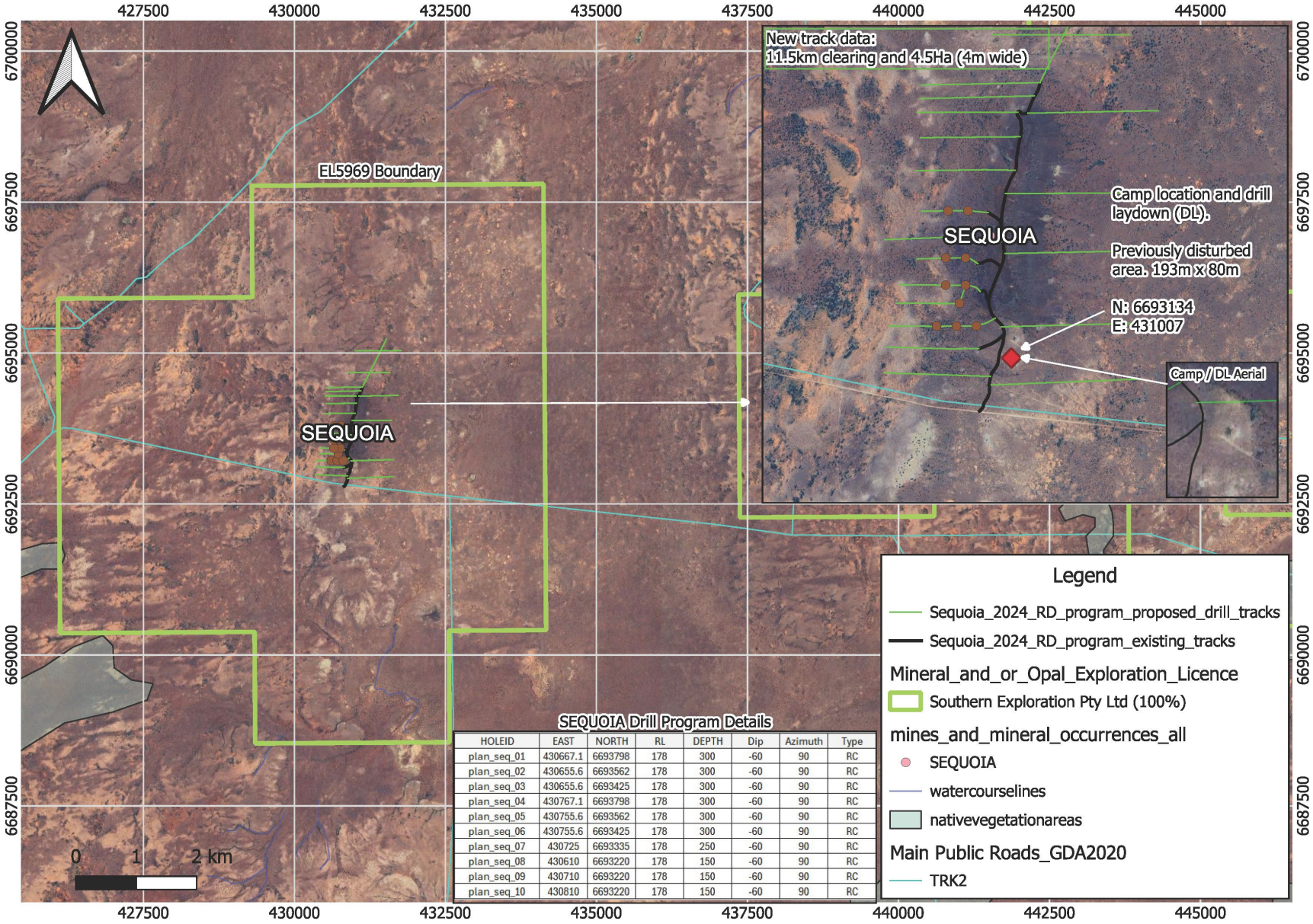
Provide a map(s) showing the following information that is located adjacent to or within the proposed area of operations, where applicable:

- 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.

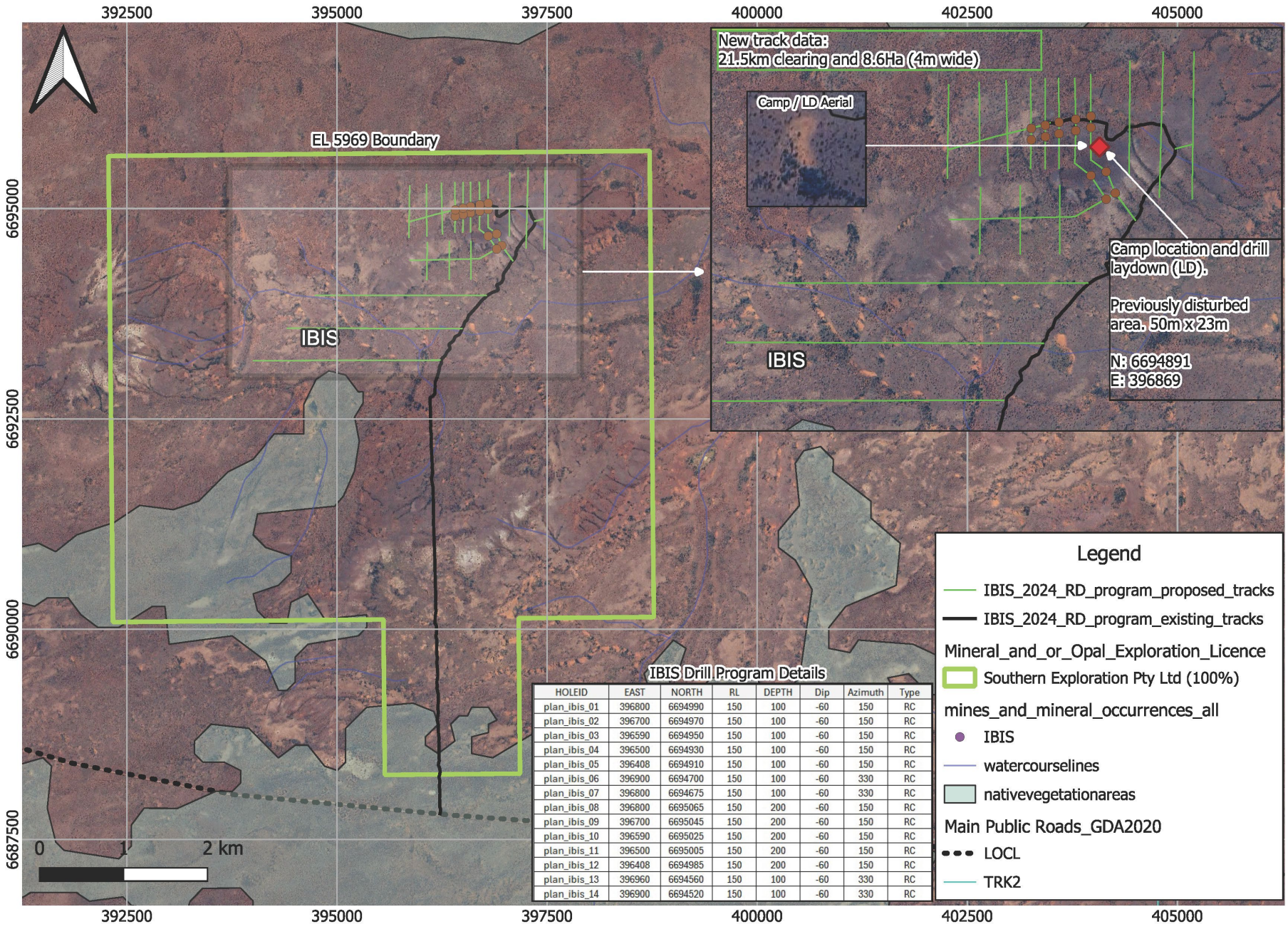


1. Location Map – EL 5969 – proximity to Coober Pedy, and Commonwealth Hill Station Homestead



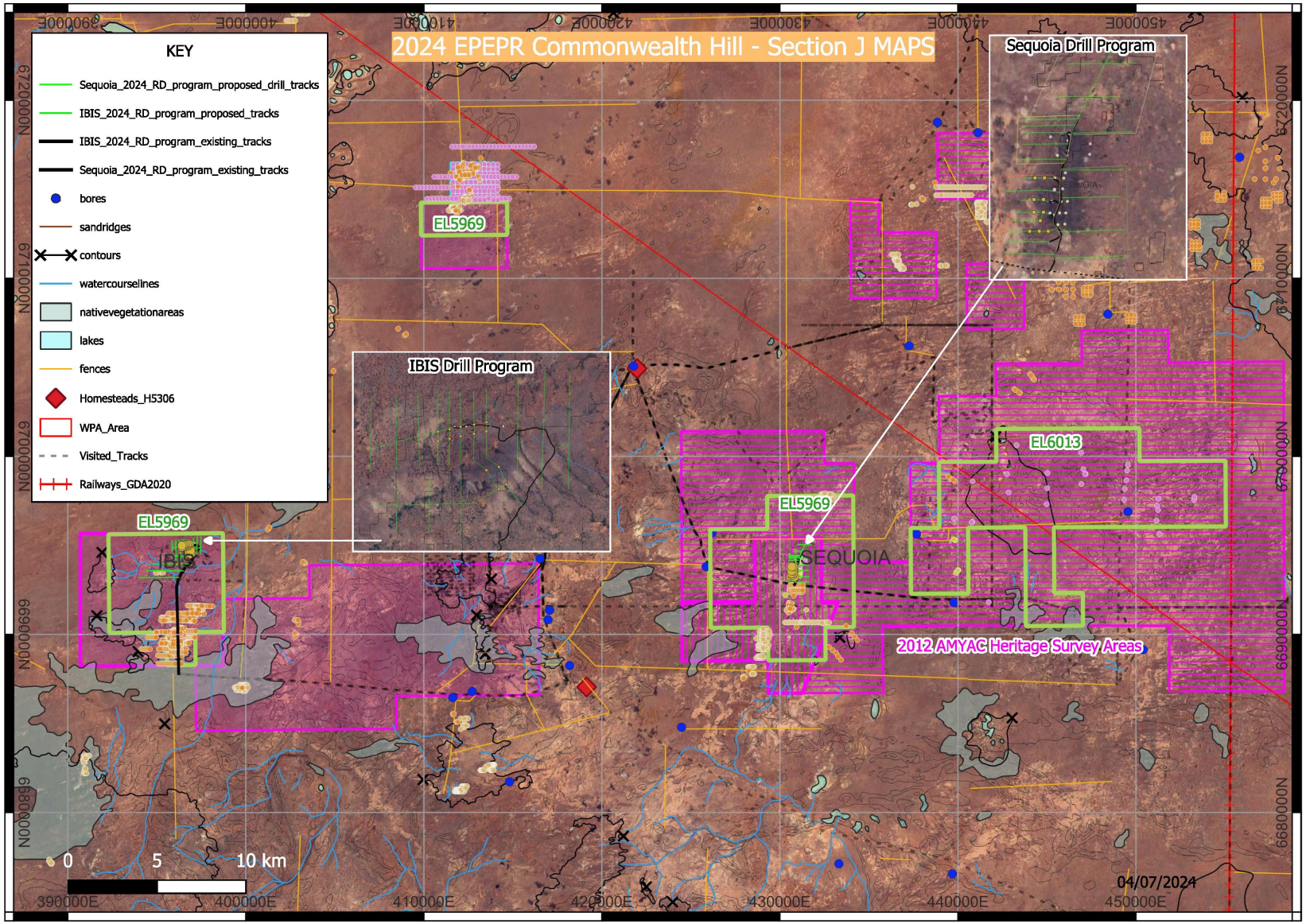
HOLEID	EAST	NORTH	RL	DEPTH	Dip	Azimuth	Type
plan_seq_01	430667.1	6693798	178	300	-60	90	RC
plan_seq_02	430655.6	6693562	178	300	-60	90	RC
plan_seq_03	430655.6	6693425	178	300	-60	90	RC
plan_seq_04	430767.1	6693798	178	300	-60	90	RC
plan_seq_05	430755.6	6693562	178	300	-60	90	RC
plan_seq_06	430755.6	6693425	178	300	-60	90	RC
plan_seq_07	430725	6693335	178	250	-60	90	RC
plan_seq_08	430610	6693220	178	150	-60	90	RC
plan_seq_09	430710	6693220	178	150	-60	90	RC
plan_seq_10	430810	6693220	178	150	-60	90	RC

2. Sequoia Prospect Location Map – showing proposed drill hole locations, access tracks, camp and laydown areas.

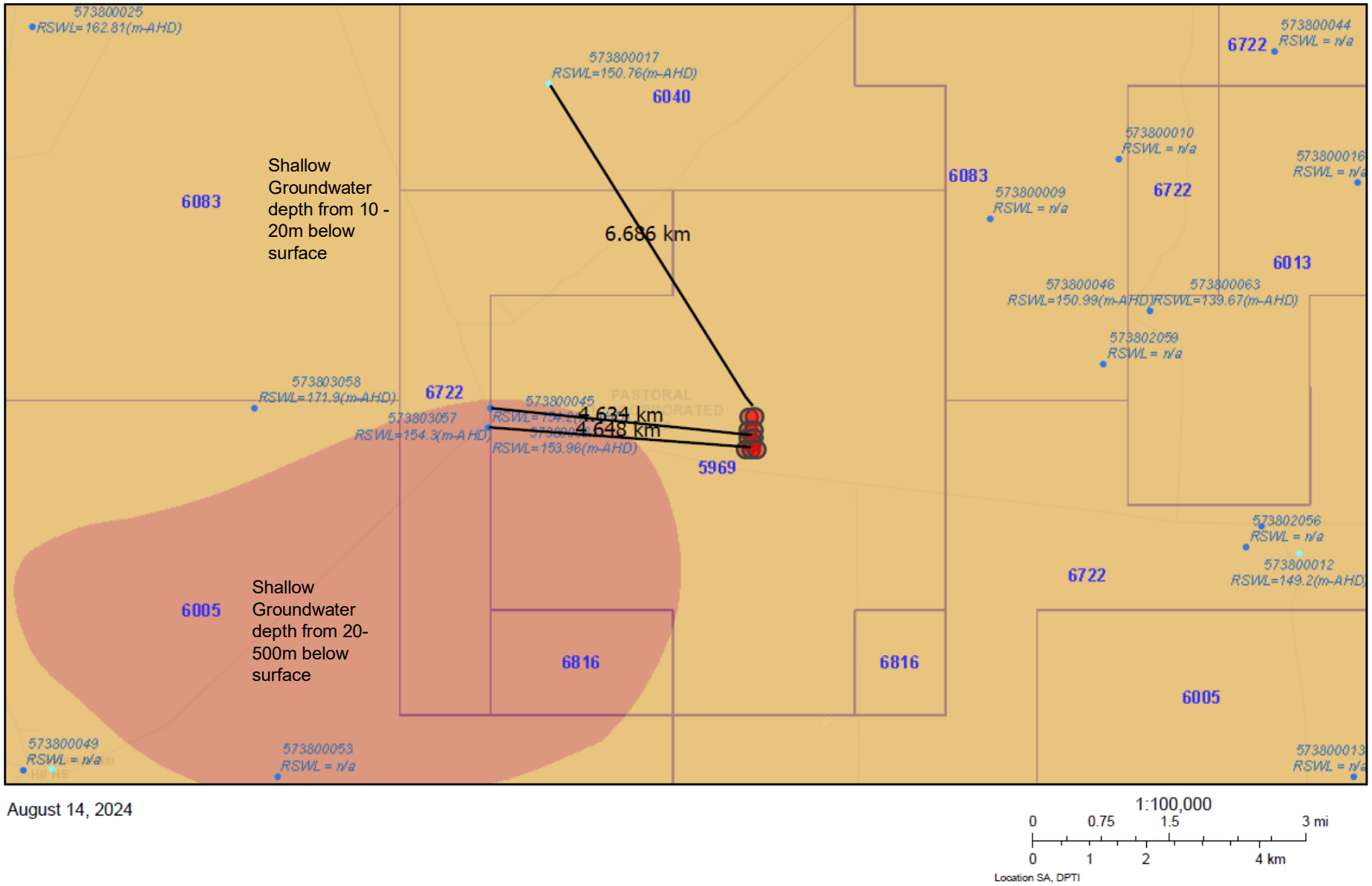


HOLEID	EAST	NORTH	RL	DEPTH	Dip	Azimuth	Type
plan_ibis_01	396800	6694990	150	100	-60	150	RC
plan_ibis_02	396700	6694970	150	100	-60	150	RC
plan_ibis_03	396590	6694950	150	100	-60	150	RC
plan_ibis_04	396500	6694930	150	100	-60	150	RC
plan_ibis_05	396408	6694910	150	100	-60	150	RC
plan_ibis_06	396900	6694700	150	100	-60	330	RC
plan_ibis_07	396800	6694675	150	100	-60	330	RC
plan_ibis_08	396800	6695065	150	200	-60	150	RC
plan_ibis_09	396700	6695045	150	200	-60	150	RC
plan_ibis_10	396590	6695025	150	200	-60	150	RC
plan_ibis_11	396500	6695005	150	200	-60	150	RC
plan_ibis_12	396408	6694985	150	200	-60	150	RC
plan_ibis_13	396960	6694560	150	100	-60	330	RC
plan_ibis_14	396900	6694520	150	100	-60	330	RC

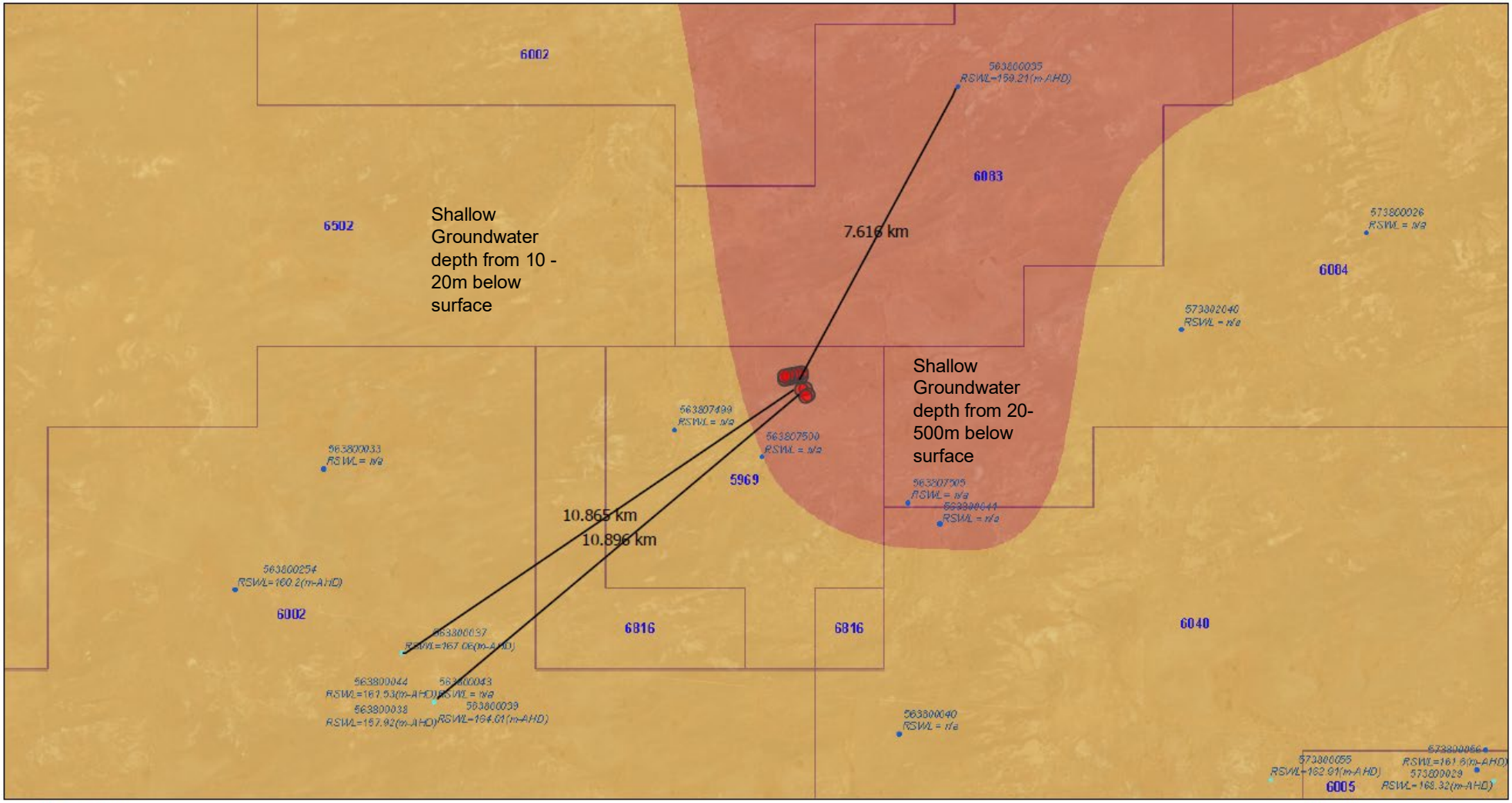
3. Ibis Prospect Location Map – showing proposed drill hole locations, access tracks, camp and laydown areas.



3A. AMYAC Heritage Clearance Areas



4. Sequoia Prospect - Shallow Groundwater Depth and Water Well Details.



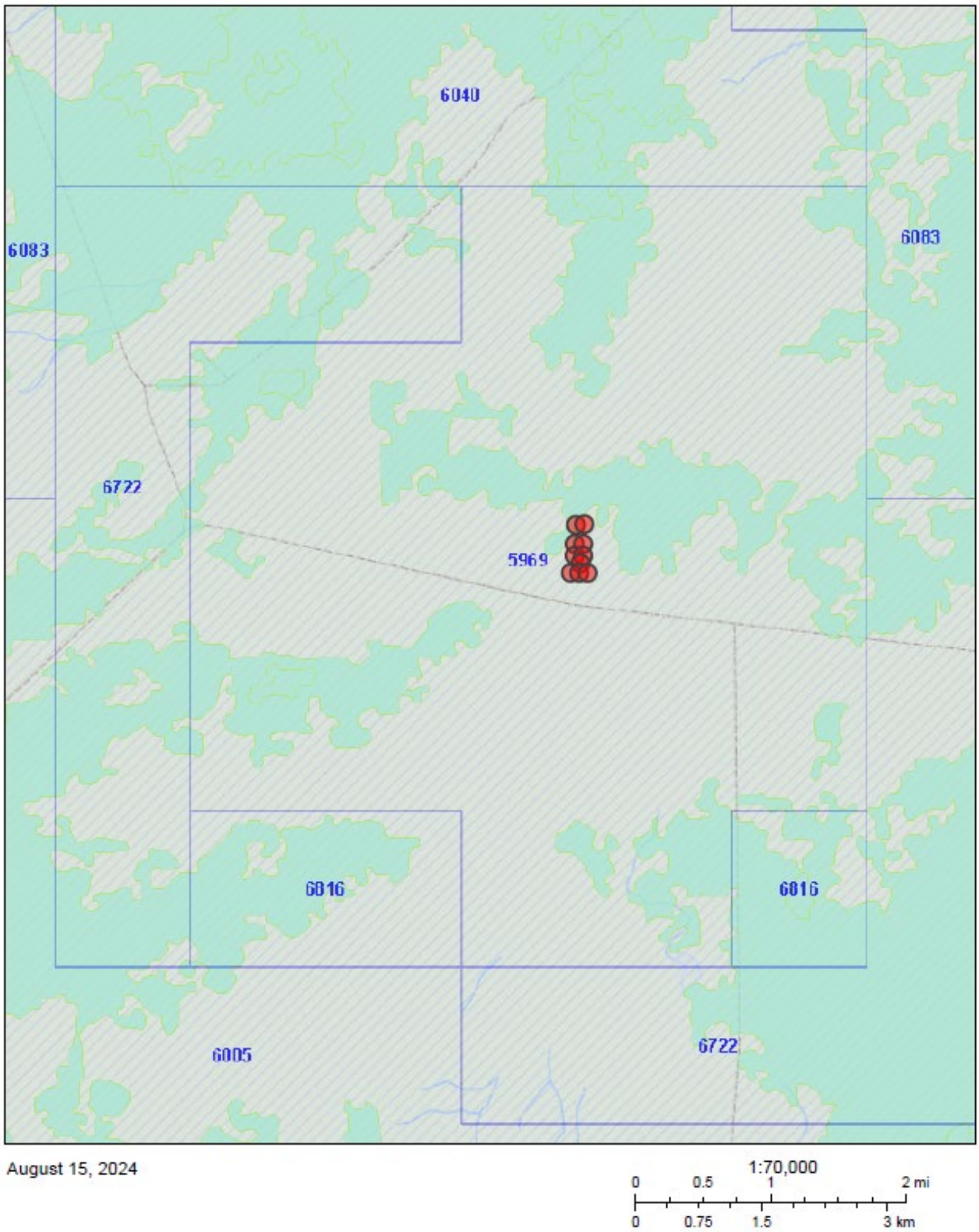
August 14, 2024

1:100,000

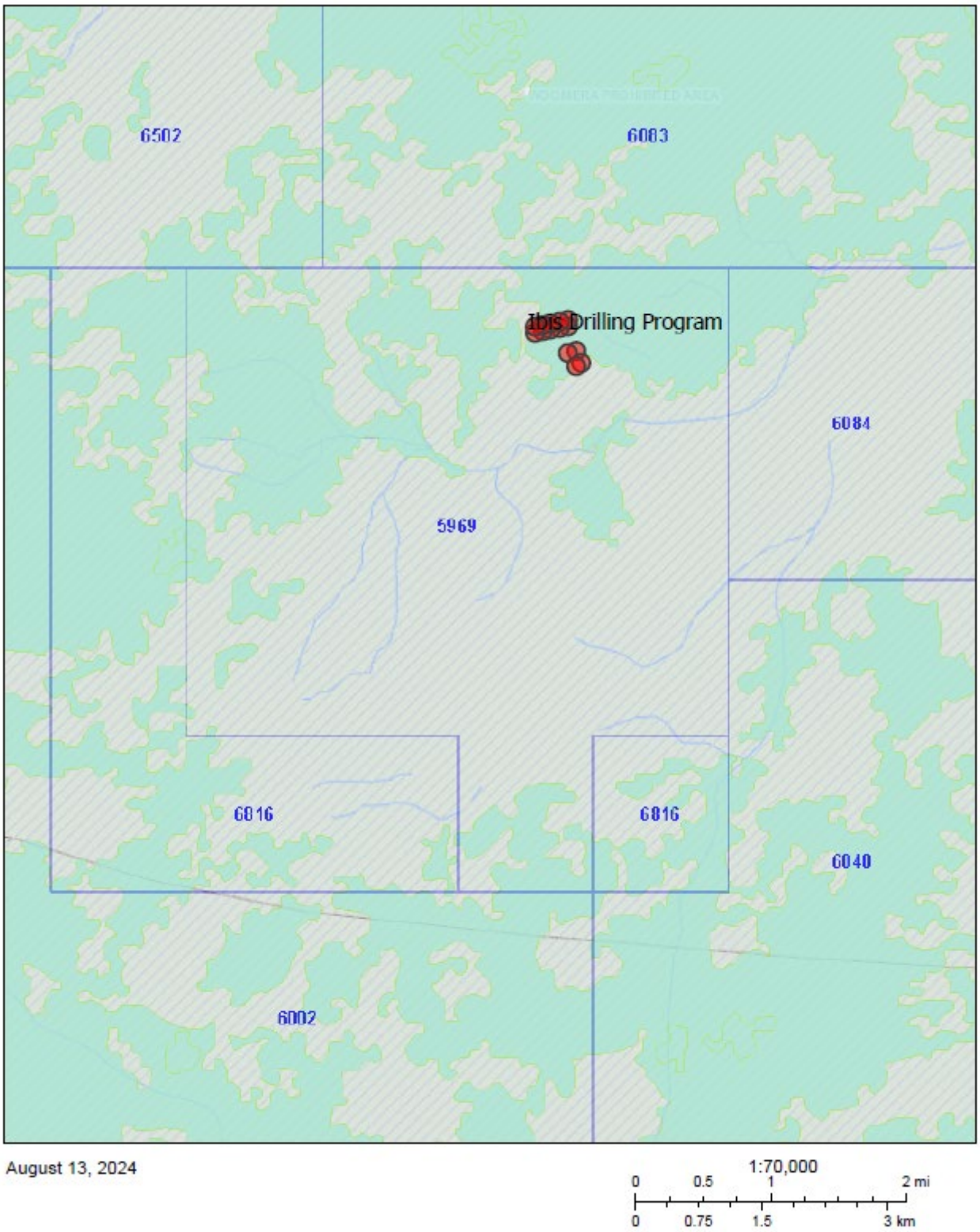
0 1 2 4 mi

0 1.75 3.5 7 km

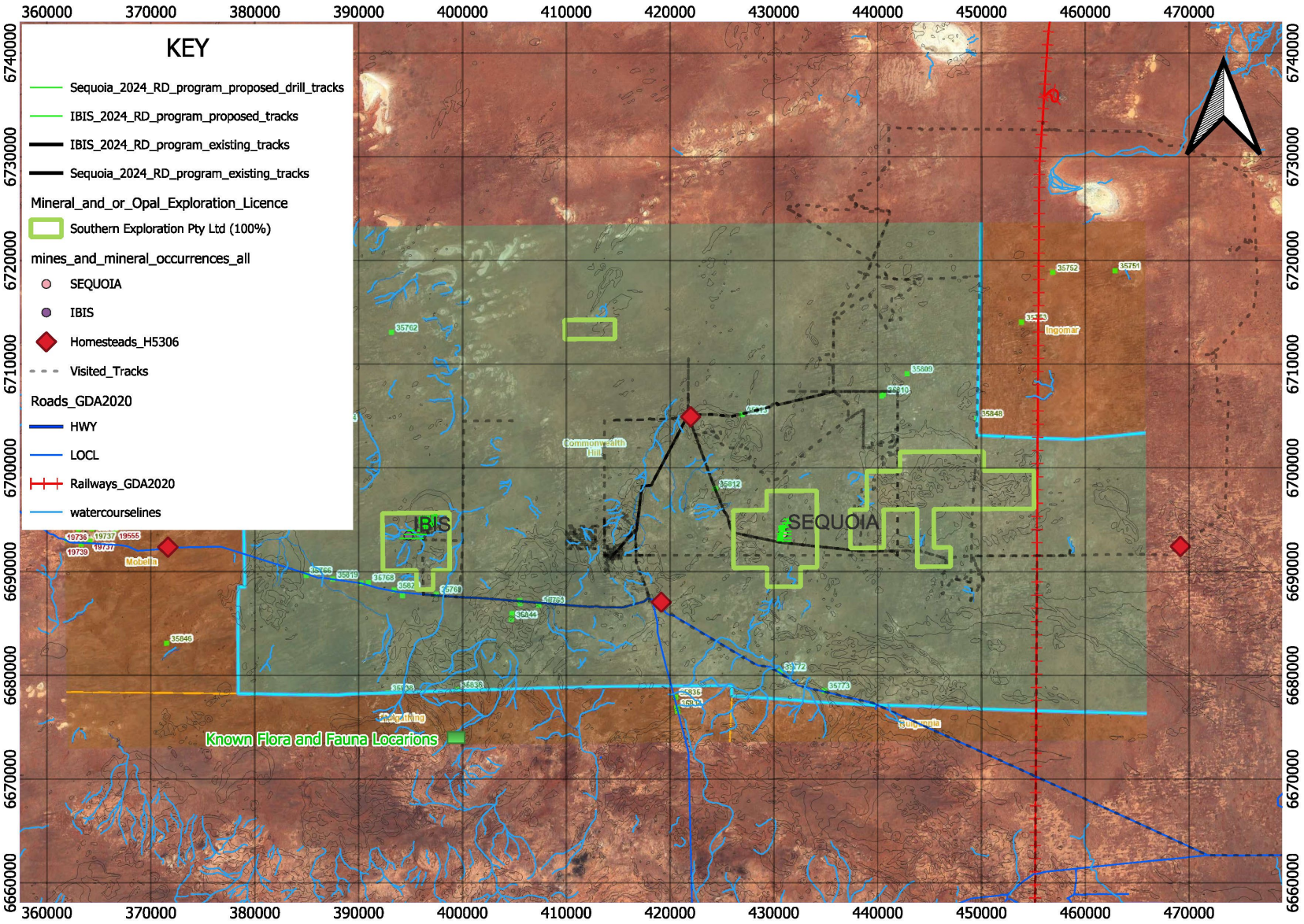
5. Ibis Prospect - Shallow Groundwater Depth and Water Well Details.



6. Sequoia Program - Terrestrial Groundwater Dependent Ecosystems.

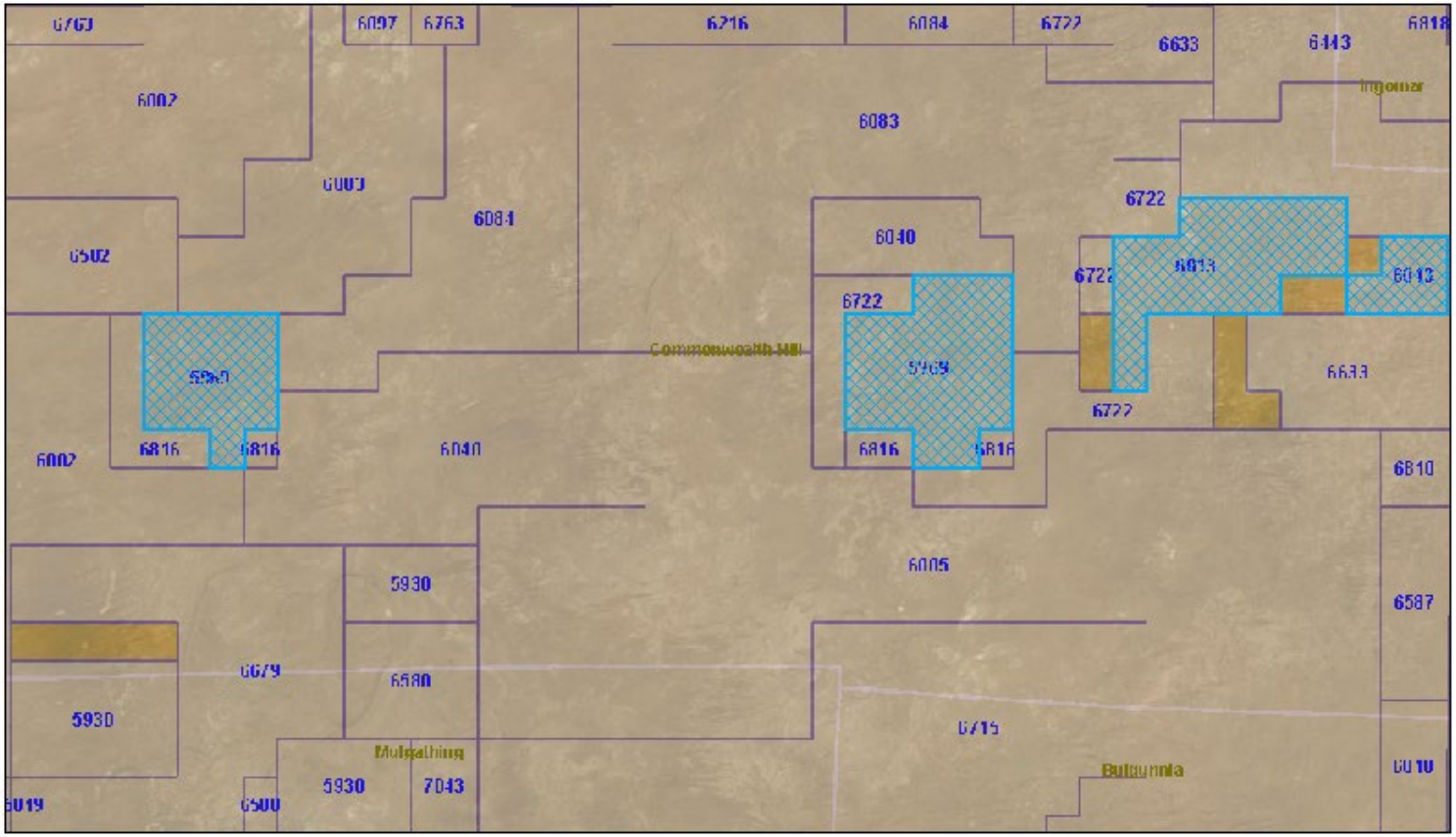


7. Ibis Program - Terrestrial Groundwater Dependent Ecosystems.



8. Known Flora and Fauna Locations

EL 5969 Location in Relation to other exploration licences



February 7, 2025

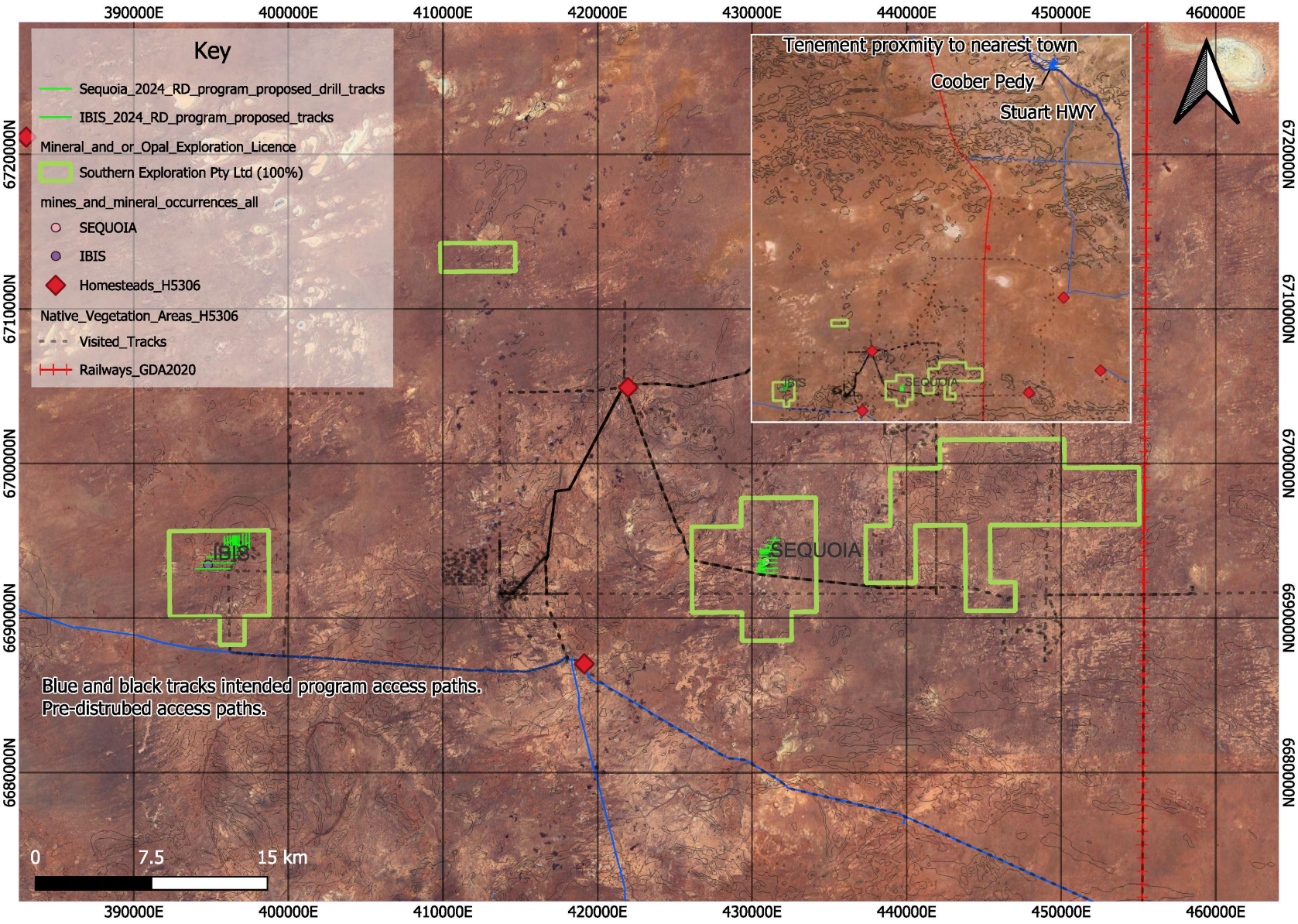
1:288,895

0 2 4 8 mi

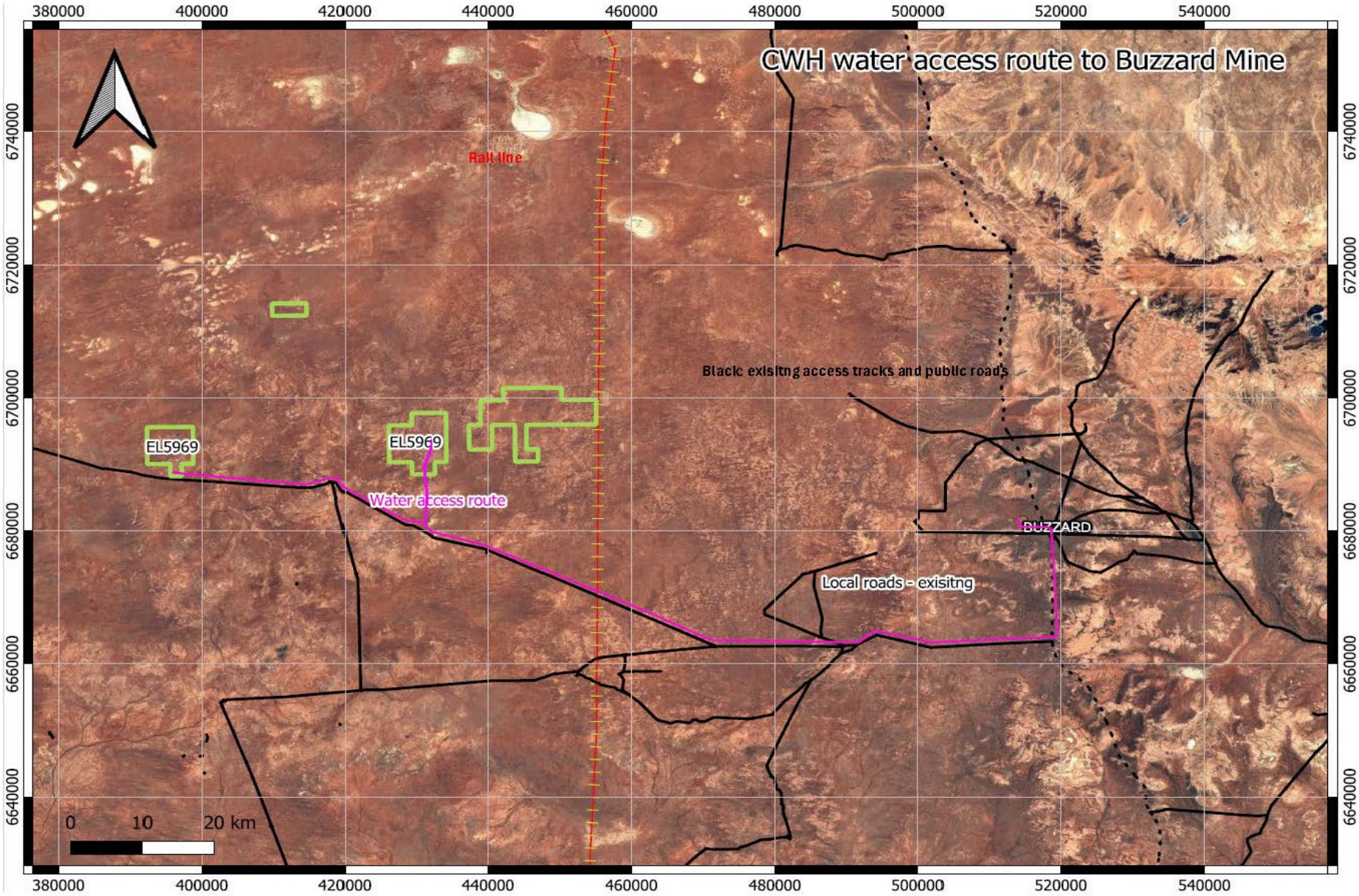
0 3.25 6.5 13 km

© OpenStreetMap (and) contributors, CC-BY-SA

9. Neighbouring Exploration Licences.



10. Project Access Details



11. Access track to the Buzzard water source.

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 office