



19 February 2026

Pham Quang
Dragon Resource Investment Pty Ltd
Unit 15W
28 Cordelia Street
SOUTH BRISBANE QLD 4101

Via email: phamquang@hoaphat.com.vn shannyn.pope@lincolnminerals.com.au

Dear Quang

Notification of Approved Exploration Program for Environment Protection and Rehabilitation (EPEPR)

In reference to your final submission dated 5 December 2025, the EPEPR has been approved pursuant to section 70B(5) of the [Mining Act 1971](#) (the Mining Act).

The approved EPEPR will be made publicly available on the Mining Register and the Department for Energy and Mining (DEM) website. Details of the approved EPEPR are listed below.

Approval Granted to	Dragon Resource Investment Pty Ltd
Tenement Type & Number	Exploration Licence 5851
Program Number	EP-03953
EPEPR Description	Drill 10 RC and DD holes at the Minbrie Project located on the Eyre Peninsula SA.

You are reminded that you must always implement and comply with this approved EPEPR.

This approval does not constitute endorsement of the systems that you have in place to manage the mining operations in compliance with the Mining Act. Whilst your capability to undertake this activity has been considered in this approval, the responsibility for compliance with the Mining Act always remains with the tenement holder.

The legislative requirements associated with the EPEPR are outlined below, and certain requirements must be actioned prior to commencement of operations authorised by the EPEPR.

1	Public Liability Insurance Pursuant to Regulation 81 of the Mining Regulations 2020 (the Mining Regulations), you are required to provide a copy of a certificate evidencing the insurance coverage over the tenement.
2	Land Access

MINERALS REGULATION

11 Waymouth Street, Adelaide SA 5000 | GPO Box 618 Adelaide SA 5001
Tel (+61) 8 463 3000 | ABN 83 768 683 934



	EL5851 is subject to exempt land under the Mining Act. You are reminded that in accordance with section 9AA of the Mining Act, operations are not authorised to occur on exempt land, until such time as a waiver of exemption is in place.
3	Compliance Reporting You are required to submit an annual exploration compliance report. The report is required to be submitted within 2 months after the anniversary of the date the licence was granted, or in accordance with joint reporting requirements agreed to with the Minister. Please refer to the DEM website for more information on the reporting requirements. You are reminded that a separate compliance report is required 2 months after the expiry or surrender of the EL.
4	Work, Health and Safety Compliance In accordance with Chapter 10 of the <i>Work Health and Safety Regulations 2012</i> (SA), you must meet the requirements for mine operators in South Australia, which include a notification for mining operations, the establishment of a Safety Management System, the identification of Principal Mining Hazards and development of a Principal Mining Hazard Management Plan. Further information on your responsibilities, including a guide to Chapter 10, and the Mine Operator Notification Form, is available on the SafeWork SA website.
5	Protection of Aboriginal sites The <i>Aboriginal Heritage Act 1988</i> protects all Aboriginal sites, objects and ancestral remains throughout South Australia. Under the requirements of that Act, an authorisation may be required to damage, disturb or interfere with Aboriginal heritage, or to excavate for uncovering of an Aboriginal site, object or remains. You are advised to consult with the Attorney-General's Department, Aboriginal Affairs and Reconciliation Division to seek further information regarding Aboriginal heritage matters.
6	EPEPR Timeframe The EPEPR is approved for a period of twelve months from the date of this letter. A further 3 months after expiry of the 12-month period is provided to complete all rehabilitation.

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

In addition to the requirements under the Mining Act, you are reminded that your operation will have other legislative requirements that you will need to comply with.

If you have any further queries, please contact DEM staff as below:

General enquiries	Sybille McPhail Team Leader, Exploration Regulation DEM.exploration@sa.gov.au
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Yours sincerely

A handwritten signature in black ink, appearing to read "SC", written over a horizontal line.

Simon Constable

DIRECTOR, MINERALS REGULATION

In accordance with delegated powers and functions

The Department's Regulatory Guidelines, Ministerial Determinations and Information Sheets are available at:
<https://www.energymining.sa.gov.au/industry/minerals-and-mining/forms-legislation-and-guidance>

Exploration PEPR - EPEPR | 12 Month PEPR

Reference Number: **EP-03953** • Status: **Assessment**

Select Applicable PEPR

Previous MERS EPEPR?

☒ No ☐ Yes

Previous PEPR ID

—

Search PEPRs

—

Applicant and General Details

Applicant Details

Shannyn Pope

Full Name * Shannyn Pope Business Phone
Mobile Phone 0415357661 Email * shannyn.pope@lincolnminerals.com.au (mailto:shannyn.pope@lincolnminerals.com.au)

Project Supervisor

Shannyn Pope
Geologist
Lincoln Minerals Limited
shannyn.pope@lincolnminerals.com.au
0415357661

General Details

Tenement Details *

Tenement Type	Tenement Name	Tenement Holder
Exploration Licence	EL 5851	Dragon Resource Investment Pty Ltd

Operating Company

Lincoln Minerals Limited (Registered Operator and Agent)

If there is another Operating Company, please provide

Account Name	Entity Type	Registered Address	Registered Email
There are no records to display.			

Project/prospect name

Minbrie

Mineral Model

The Minbrie Project, located on Exploration Licence EL 5851, is situated in the eastern Gawler Craton on South Australia's Eyre Peninsula. Copper, lead, zinc and silver mineralization occurs below Banded Iron Formations (BIF) and a complex of metamorphic rocks including schist, gneiss, and marble. The deposit lies beneath 60-80 meters of sedimentary cover, classifying it as a "blind" deposit and may be part of a much larger mineral system. Several styles of mineralisation are present possibly related to at least three mineralizing events.

The oldest mineralisation appears to be Pb/Zn/Cu sulphides associated with the finely laminated, interbedded sediment and carbonate stratigraphy at the top of the Katunga Dolomite. These units sit below the Lower Middleback Jaspilite (BIF) and above the massive marbles of the Katunga Dolomite proper. These sulphides appear finely layered and massive in places.

A second stage of Cu/Pb/Zn sulphides occur as hydrothermal veins through out the Lower Middleback Jaspilite and Katunga Dolomite. These may have been introduced at a later stage or been remobilized from the earlier sulphides.

A third stage of massive Fe sulphide bodies and Cu sulphide veins have intruded crosscutting the other sulphide occurrences. These are interpreted to be related to the intrusion of the Hiltaba aged Charleston Granite to the northeast.

Primary Commodities *

Commodity Name ↑	Commodity Group	Grade
Base Metals	Exploration	
Copper	Exploration	
Gold	Exploration	
Lead	Exploration	
Nickel	Exploration	
Silver	Exploration	
Zinc	Exploration	

Secondary Commodities

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

Project Description

The Minbrie Project, situated on South Australia's Eyre Peninsula, has demonstrated significant copper and base metals potential through recent geological assessments conducted by Lincoln Minerals. Historical drilling undertaken by Centrex Metals between 2002 and 2012 comprised 263 drill holes along a >12km strike length, primarily targeting magnetite-bearing Banded Iron Formation (BIF). Since Centrex's exploration rights were focused exclusively on iron ore, Lincoln Minerals retained rights to all other metals, leaving base metal potential largely untested. Most drill holes undertaken at the time were terminated before or shortly after penetrating the underlying footwall sequence and Katunga Dolomite, leaving the current target zone largely untested, although with clear evidence of high-grade base metals mineralisation. Recent evaluation by Lincoln Minerals has identified the footwall sequence as a key target for base metal mineralisation. This interpretation is supported by discovery hole BUDD192, which returned 29.5m at 0.8% copper, 7.5% lead, 1.9% zinc, and 9g/t silver from 131.1m. Analysis has revealed that approximately 85% of historical holes did not reach the target depth, and of those that did, only 16% were assayed for base metals. This underexplored footwall contains highly reactive lithologies including dolomite, calc-silicates, and graphitic sequences, which are known to be prospective for metasomatic and hydrothermal base and precious metal deposits.

The proposed drilling program aims to validate and expand upon the historic discovery by drilling three step-out holes down-dip and along strike from hole BUDD192 to further define the ore body.

Proposed Project Schedule

Start Date

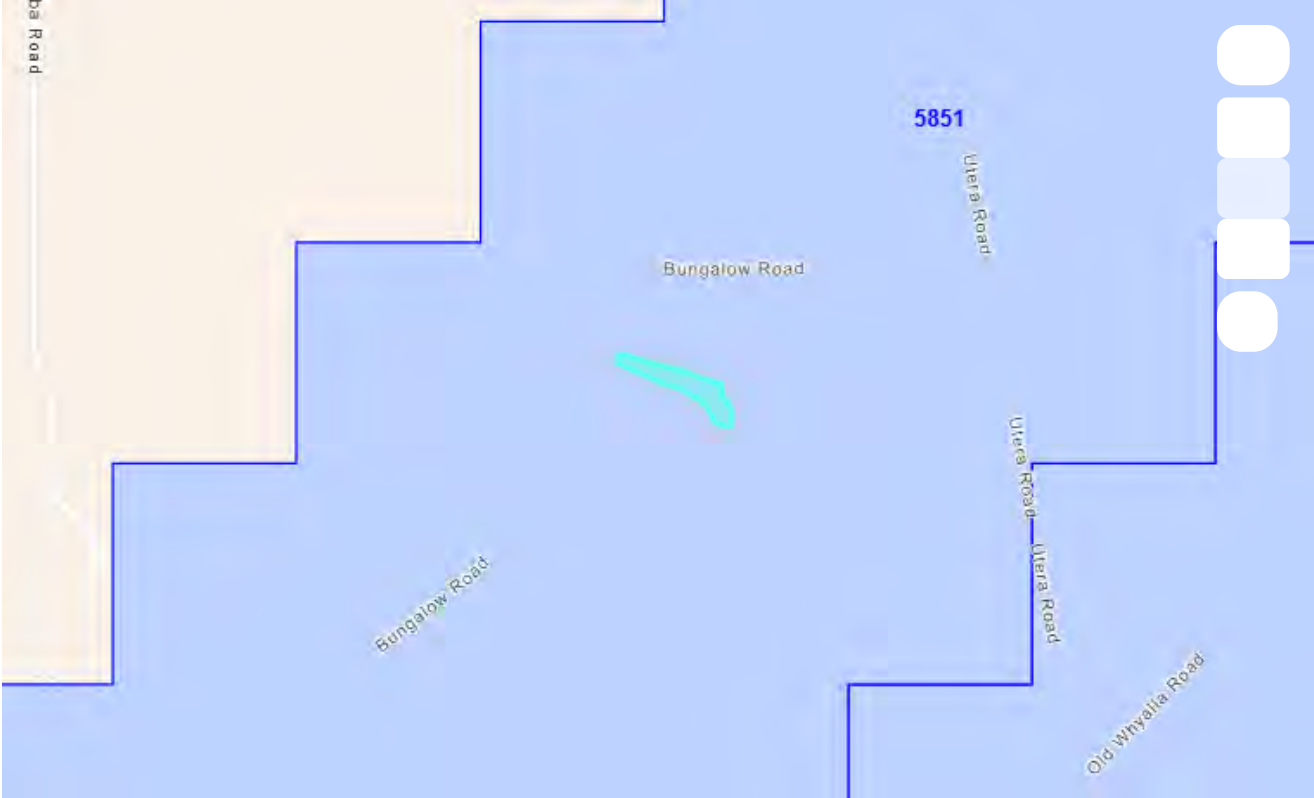
01/09/2025

End date

31/08/2026

Clearly describe why a PEPR review is required, summarise all content changes made to the approved PEPR, and provide appropriate justification where a time extension is required.

Identify Application Area



Maptaskr © 2026 1000 m -33.561975, 136.841699

Powered By Esri - Sources: Esri, TomTom, Garmin, FAO, NOA...



Map Layer Intersects

Application Area Details

Location Description

Minbrie area, located 11km northwest of Cowell

Area (Sqkm)

0.16

Spatial Data Intersects - Summary Table

Spatial Layer Name	Category	Referral	Intersect Count
1:250K mapsheets	Other		1
Cadastral Parcels	Other		1
Determinations of Native Title	Other		1
Exploration licences (mineral/opal)	No-Go Area		1
Licences, exploration (petroleum)	Other		1
Terrestrial - BOM Groundwater Dependant Atlas (GDE Atlas)	Other		1

Spatial Data Intersects - Details Table

Spatial Layer Name	Shape	Primary Attribute	All Attributes	Category
1:250K mapsheets	Shape 1	WHYALLA	View attributes	Other
Cadastral Parcels	Shape 1	H532000SE80	View attributes	Other
Determinations of Native Title	Shape 1	Barngarla Native Title Claim	View attributes	Other
Exploration licences (mineral/opal)	Shape 1	EL 5851	View attributes	No-Go Area
Licences, exploration (petroleum)	Shape 1	PEL 691	View attributes	Other
Terrestrial - BOM Groundwater Dependant Atlas (GDE Atlas)	Shape 1	58780	View attributes	Other

Program Preparation

Work undertaken in preparing the proposal

Resource drilling of the Bungalow magnetite prospect was conducted in 2011 as part of the Northern Eyre Peninsula joint venture with Centrex Metals Ltd. Drill hole BUDD192 intercepted a 29m mineralized zone characterised by massive and disseminated Chalcopyrite, Galena, and Sphalerite. The assays confirm the potential presence of a high-grade base metal deposit, highlighting the prospectivity of the Minbrie project. Additional exploration holes were drilled along strike, although due to the exploration focus being for iron ore at the time, these additional holes were not assayed when drilling failed to intersect banded iron formation (BIF).

A desktop study of all available data from the Centrex Metals Bungalow project was undertaken from November 2024 – June 2025 to assess the prospectivity for Cu-Pb-Zn mineralization within the project area. The desktop study included reviewing the Open File Envelope of Centrex work from 2002-2014, and well as the PFS report of the Bungalow Magnetite deposit.

From March till May 2025, a re-logging and assay program was completed on 30 historic drill holes to delineate key targets for the upcoming drill program.

Planning of holes in conjunction with Mr S. O'Connell of Geosupport FX has been completed using 3D resource modelling software after reviewing historical data.

A site visit was conducted on 02/08/2025 to assess site accessibility, condition of access routes, and environmental considerations. (See PHOTOS 3-6)

Visit with the landowner on 15/03/2025 to discuss mobilization, use of the landowner's front-end loader, and rehabilitation plans.

Site research has been conducted using online GIS tools including: Naturemaps, SARIG, Google Maps and street view.

Lincoln Minerals operates under an integrated Health, Safety, Environment and Community (HSEC) management framework. The framework is supported by documented procedures, competency-based training, contractor controls, and assurance processes that collectively ensure ongoing achievement of the environmental outcomes identified in this PEPR.

1. Manuals and SOPs for Safe, Environmentally Sound Operations

Lincoln Minerals maintains controlled HSEC documents that govern all critical exploration activities. Key documents include:

HSEC Management Manual – governance, legal compliance, roles, document control, risk management, incident management, stakeholder and land access.

Environmental Risk Assessment Procedure – risk register, bow-tie/ALARP method, control verification.

Land Access and Agricultural Interface Procedure – landowner engagement, access consents, seasonal constraints (seeding/harvest), paddock hygiene, crop protection, compensation pathways.

Drilling Operations SOP (Air Core/RC/Diamond) – bunding; drilling fluids management; sumps/containment (lined if required); cuttings capture; avoidance of aquifer cross-connection; hole abandonment/sealing; casing removal/capping; collar cut-off below ground level in cropped areas.

Ground Disturbance & Rehabilitation SOP – disturbance approvals, photo-point monitoring, compaction relief (ripping to appropriate depth perpendicular to sowing lines), recontouring, topsoil respread, reseeding/crop reinstatement in consultation with landowner, marker removal prior to harvest.

Waste & Hazardous Materials SOP – segregation, licensed disposal, drill consumables retrieval, no burial on agricultural land.

Emergency Response Plan – first response, escalation, external notifications, interfaces with landholder emergency procedures.

Contractor Management Standard – prequalification, bridging of contractor procedures to Lincoln controls, site performance reviews.

2. Systems to Monitor, Audit and Assess Compliance

Daily Pre-start Environmental Checklist (site condition, soils moisture/trafficability, bunding, spill kits, weed hygiene certificates, wildlife observations).

Ground Disturbance Register (GPS polygons/points), linked to Rehabilitation Register with photo-points (pre-works, during, post-rehab, and seasonal verification).

Drilling Fluids & Cuttings Log (volumes, containment integrity, disposal/reuse).

Weed Hygiene Log (washdown date/time, inspection sign-off, washdown location).

Hydrocarbon & Chemical Use Log (inventory, storage inspections).

Noise/Dust Observations Log (water application, wind hold criteria, dust stop triggers).

3. Systems to Identify and Report Non-Compliance

Incident management procedure defines:

Classification: near miss, environmental incident, non-compliance with PEPR criterion, regulatory reportable event.

Immediate Actions: make safe, stop work where necessary, notify Supervisor/HSEC.

Regulatory Notification: processes to assess reportability and notify the regulator in accordance with regulation 79(3) and

any other permit conditions.

Internal Reporting: incident report within 24 hours; initial facts, photos, location, environmental receptors at risk.

Investigation & CAPA: root cause analysis (5-Whys/taproot), corrective and preventative actions with owners and due dates; verification of effectiveness.

Close-out & Learning: toolbox debriefs, update to risk register/SOPs if controls change.

4. Communication of Regulatory Requirements to Employees and Contractors.

Corporate HSEC Induction (legal obligations, duty of care, PEPR commitments, incident reporting).

Site-Specific Environmental Induction tailored to cultivated land: crop protection, weed hygiene, topsoil handling, traffic discipline, noise/dust, spill response, rehabilitation standards, seasonal constraints (sowing/harvest times).

Role-Specific Training (e.g., drillers' environmental module, refuelling/chemical handling, wildlife awareness).

Verification of Competency for critical tasks (drill supervisors, refuelling)

Contractor Bridging Document mapping contractor procedures to Lincoln requirements; mandatory acceptance before mobilisation.

Daily pre-start/toolbox with an environmental focus topic and review of any changes (weather, soil moisture, harvest activity).

Control Maps posted in crib hut and vehicles (access routes, exclusion zones, washdown points, stockpiles, nearest water points, emergency contacts).

Change Management any deviation from planned controls requires Supervisor and HSEC approval and, where applicable, landowner consultation.

5. Engagement with Landowners and External Parties

Early Consultation & Consent: program overview, drill site maps, access routes along fence lines, machinery types, operating hours, seasonal timing to avoid sowing/harvest; agreed Land Access & Conduct Agreement (including weed hygiene, gates, stock, crop protection, compensation framework).

Notices of Entry & Schedule provided ahead of mobilisation; any changes communicated promptly.

Single Point of Contact: 24/7 contact number for the landholder; escalation path for urgent issues (e.g., weather-related access).

Daily check-ins with landholder when on property; confirmation of paddock status (moisture, trafficability, equipment movements).

Crop Protection Controls: stay on marked tracks; no turning on crop rows; spotters where needed; immediate repair of minor rutting; stand-down if soils exceed agreed moisture threshold.

Biosecurity: washdown on arrival/departure at agreed points; keep soil/materials on site; remove all waste/consumables.

Complaints Procedure with register, response within 24 hours, investigation, corrective actions, and written close-out to the complainant.

Issues & Commitments Register tracking undertakings made to landholders and external parties through to completion.

Post-campaign meeting with landholder to review rehabilitation success and any residual commitments (e.g., reseeding timing, markers removal before harvest).

Lease Conditions

Not applicable

Land Access

Identify the Owners of Land and authority to access land

Land Title Reference	Plan Parcel Reference	Type of Land	Owner of Land ↑	Land Access Authorisation Method	Date of Form 21 or Agreement Signed	Instrument or Uploaded Document Id	Uncheck land not applicable to your application ar
CT 5181/517	H5320 00SE8 0		Paul Webb	Land Access Agreement		In Progross	Checked

Is any of the application area over a road, street or highway

No

Woomera Prohibited Area (WPA)

Will activities be conducted within the WPA

No

In which zone will activities be conducted?

Name	Are you intending to undertake work?	Closure start date	Closure end date
There are no records to display.			

Does the tenement holder hold a valid and current Resource Exploration Permit under the WPA Rule?

—

Permit No.

—

What is the expiry date of the permit?

—

Does the Exploration Permit allow the operator to conduct exploration operations in the WPA?

—

Other Land Owned or Controlled by the Commonwealth Department of Defence

Indicate if you are intending to undertake exploration operations within the identified defence land

No

Other Commonwealth defence land

Defence Land	Applicable
There are no records to display.	

Do you have a Deed of Access with Defence?

—

Expiry date of the Deed of Access

—

Date the Range Control Officer granted permission to conduct the proposed exploration operations.

—

Describe the results of consultation and how any concerns raised were addressed

Native Title

Does 'Native Title land' exist within the application area?

No

Using the table below, describe how you have complied with the requirements of Part 9B of the Mining Act for each tenement.

Name of Determined / Claimant Group	Agreement Type	Instrument Number	Applicable
Barngarla Native Title Claim			No

Provide any additional relevant information

Work Area Clearance Agreement signed with the Barngarla Native Title Claimants on the 3rd of December 2007, covering EL3610 (now EL5851). Please note – the proposed activities are located entirely within freehold land, and therefore the agreement is not required.

Exempt Land

Exempt Land

Has Exempt land been identified?

Yes

If a "Waiver of Exemption" has been reached to waive the benefit of the exemption, a notice of the agreement must be given to the Mining Registrar, either within 21 days after the agreement was entered into or when an application for the mineral tenement is made under the Mining Act.

In the table below enter the relevant instrument numbers for any Form 23C - Notice of wavier of exemption provided to the Mining Registrar.*

Land Title	Plan Parcel	Owner of Land that has benefit of exemption ↑	Why is the land exempt land?	Waiver of exemption(s) been negotiated	Instrument Number or Uploaded Document Id
CT 5181/517	H53200 0SE80	Paul Webb	Cultivated Field, plantation, orchard or vineyard	Yes	Waiting to be signed

Exempt Land Plan ⓘ

				Expand/Collapse
File Name	File Size (Mb)	Created On	Download	
Minbrie_Project_Area_Close.jpeg	1.23 Mb	22-09-2025 11:23:27	Download (MERS/EP-03953/Land Access and Consultation/Exempt Land/Minbrie_Project Area Close_2025-09-22T01-53-28.891Z.jpeg)	

Consultation

Consultation

Stakeholder ↑	Land Use	Matters raised	Stakeholder concerns raised and how addressed
Paul Webb	Cultivated Land	Compensation for potential damage to crops. Ensuring that rehabilitation work will not effect future crop yields.	Land access agreement has been drafted to ensure the landowner is compensated for works occurring on his field. Monitoring of rehabilitating to ensure future crop yields are not effected by works.

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

Only one landowner will be effected, ongoing discussion with him is taking place.

We have been in discussions with the landowner since March 2025. Several face to face meetings have taken place to discuss any concerns he has. A land access agreement has been drawn up and is currently being reviewed by the landowner.

Provide any additional relevant information.

Describe any council policies (or out of council) or development plans that may impact the program area and a description of any known plans for future land use changes by other parties.

No council development plans are taking place in the affected area.

Description of Environment

Proximity to Infrastructure and Housing

Provide the following information:

Drill crew and supporting Lincoln Minerals geology crew will be commuting between the accommodation in Cowell and the drillsite via the sealed Cowell-Kimba road, and then driving along the unsealed Bungalow Road for approximately 5km to the property gate in the property fence. Following an unsealed property access track for approximately 1km to within 50m of the planned drillsite. The final 50m will be across the paddock to the drill pad.

There are two sets of fences on the property that run N-S and EW. No fences or gates are present along Bungalow Road where the paddock containing the project area is located. (Photos 5 and 6), also see (Figure 20).

One house is located 1.1km west of the proposed exploration area (Figure 1; Figure 2). No other houses are located within 2km and one other house is located within 5km of the project area. Other infrastructure is located in Cowell, located 11km to the south.

Power lines cross the paddocks but are away from the drilling (Safety measures will be put in place to avoid collision with overhead lines – see risk matrix)

Infrastructure such as gas pipelines or transmission lines are located proximal to the project area.

Attach Files ⓘ

				Expand/Collapse
File Name	File Size (Mb)	Created On	Download	
Minbrie_Infrustructure.jpeg	1.33 Mb	03-09-2025 15:25:07	Download (MERS/EP-03953/Proximity to infrastructure/Minbrie_Infrustructure_2025-09-03T05-55-08.023Z.jpeg)	

Landform, topography, soil and surface cover

Describe the topography and soil and surface cover (e.g. gibber) of the general area affected by the exploration program. Include details on the susceptibility to compaction, erosion, dust, runoff and visual attributes (steep or undulating slopes, plains, rocky outcrops, dunes, saltpans, claypans etc) any other characteristics (e.g. acid sulphate soils) that may require control strategies to reduce environmental impacts during operations or rehabilitation.

EL5851 is located on the coastal margin approximately 20km inland from the Spencer Gulf. The site of the proposed drill program is on the plains (Utera Plain) at the base of the Eyre Hills (to 330m AHD closest to the exploration site). The site of the planned drilling is 70m AHD and the plain gently slopes approximately 1 degree, 10m drop over 400m to the east. The gentle slope has easterly trending drainage (20-50m wide, 1-4m deep, no permanent water) Elevation in the southeast of the tenement is as low as 15m above sea level (ASL), ranging to over 300m ASL the northwest. The relief rapidly increases within the northwestern 2km of the tenement, whilst the remainder of the tenement the relief is low.

The project area is located in the Soil Groups of South Australia 2009 survey area. The project area lies entirely within an area mapped to be 100% type D – Hard red-brown texture contrast soils with neutral to alkaline subsoil, sub type D3 – Loam over poorly structured red clay. The surface cover is composed of the Quaternary Pooraka Formation (clay, sand and carbonate earth, silty, with gravel lenses) and Undifferentiated Holocene alluvial and fluvial sediments. The project area has negligible acid sulphate soil potential, low water erosion potential; wind erosion potential is unrated and therefore considered to be negligible.

Attach Files

			Expand/Collapse
File Name	File Size (Mb)	Created On	Download
Minbrie Acid Soil.png	0.19 Mb	03-09-2025 15:50:35	Download (MERS/EP-03953/Landform, topography/Minbrie Acid Soil_2025-09-03T06-20-35.781Z.png)
Minbrie Landforms.png	0.2 Mb	03-09-2025 15:42:16	Download (MERS/EP-03953/Landform, topography/Minbrie Landforms_2025-09-03T06-12-16.745Z.png)
Minbrie Site Photo.png	3.18 Mb	03-09-2025 15:42:16	Download (MERS/EP-03953/Landform, topography/Minbrie Site Photo_2025-09-03T06-12-16.675Z.png)
Minbrie Soil Types.png	0.21 Mb	03-09-2025 15:50:35	Download (MERS/EP-03953/Landform, topography/Minbrie Soil Types_2025-09-03T06-20-35.785Z.png)

File Name	File Size (Mb)	Created On	Download
Minbrie Soils.png	3.62 Mb	03-09-2025 15:42:16	Download (MERS/EP-03953/Landform, topography/Minbrie Soils_2025-09-03T06-12-16.721Z.png)
Minbrie Surface Geology.png	0.19 Mb	03-09-2025 15:50:35	Download (MERS/EP-03953/Landform, topography/Minbrie Surface Geology_2025-09-03T06-20-35.797Z.png)
Minbrie Topography.png	1 Mb	03-09-2025 15:42:16	Download (MERS/EP-03953/Landform, topography/Minbrie Topography_2025-09-03T06-12-16.688Z.png)
Minbrie Water Erosion.png	0.19 Mb	03-09-2025 15:50:35	Download (MERS/EP-03953/Landform, topography/Minbrie Water Erosion_2025-09-03T06-20-35.924Z.png)
Minbrie Wind Erosion.png	0.16 Mb	03-09-2025 15:50:35	Download (MERS/EP-03953/Landform, topography/Minbrie Wind Erosion_2025-09-03T06-20-36.229Z.png)

Surface Water

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

No

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

Indicate how you will avoid disturbance

No watercourses or waterbodies are within the project area. One unnamed watercourse is observed to be within 1km of the project area. Multiple unnamed water courses and two named watercourses (Windmill/ Poodra Creek and Ulbana Creek) are within 5km of the project area. No watercourses or waterbodies will be impacted by the proposed works.

Is the program area located within water protection areas defined under the River Murray Act 2003?

No

Select the name(s) of protected water areas

Is the program area located within any prescribed watercourses or prescribed surface water areas under the Landscape?

No

Select the name(s) of the prescribed watercourses or prescribed surface water areas under the Landscape South Australia Act 2019.

Attach Files ⓘ

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File Name	File Size (Mb)	Created On	Download	
Minbrie Watercourses.png	1.07 Mb	03-09-2025 16:04:52	Download (MERS/EP-03953/Surface water/Minbrie Watercourses_2025-09-03T06-34-53.124Z.png)	

Name	Applicable
There are no records to display.	

Groundwater

Is groundwater likely to be intersected when conducting the exploration program?

Yes

Provide evidence or any supporting information demonstrating this.

—

Description of the localities/areas where different groundwater conditions may be encountered

Ground water may be encountered in the basal conglomerate at the contact with the Paleoproterozoic basement, and within fractured basement.

Add the different groundwater conditions for each localities/areas to the table below.

Name ↑	Formation age and/or stratigraphic unit	Stratigraphic intervals (depth range) (m)	Aquifer formation name	Aquifer Interval/thickness (from-to) (m)	Aquifer Type	Aquifer salinity (TDS)	Depth to groundwater (m)	Comments
Minbrie	Paleoproterozoic – Warrow Quartzite and Sleaford Complex	30	Yhw and AYs	Unknown	Unconfined	SWL = 36.7m TDS = 12,382 EC = 20,870 Yield = 8.75 L/s	30	Samples from water wells in the area demonstrate TDS values between 6,000 and 13,000 mg/L, indicating that the environmental value of the aquifer is Primary Industries – livestock drinking water, and Primary Industries – aquaculture and human consumption

Name ↑	Formation age and/or stratigraphic unit	Stratigraphic intervals (depth range) (m)	Aquifer formation name	Aquifer Interval/thickness (from-to) (m)	Aquifer Type	Aquifer salinity (TDS)	Depth to groundwater (m)	Comments
								umptions of aquatic foods. o potential aquatic GDEs are identified within the project area. Moderate potential aquatic GDEs are located proximal to Windmill Creek, within 5km of the project area.

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

Samples from water wells in the area demonstrate TDS values between 6,000 and 13,000 mg/L, indicating that the environmental value of the aquifer is Primary Industries – livestock drinking water, and Primary Industries – aquaculture and human consumption of aquatic foods.

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

No potential aquatic GDEs are identified within the project area (Figure 12). Moderate potential aquatic GDEs are located proximal to Windmill Creek, within 5km of the project area.

One occurrence of low potential terrestrial GDEs are located in the project area (Figure 13; Figure 14), due to the potential presence of Myoporum woodlands. The following other potential terrestrial GDEs within 5km of the project area are as follows:

- Low and high potential: Eucalyptus mallee forest and mallee woodland
- Moderate potential: chenopod shrubland
- Low potential: Melaleuca shrubland >1m

Is the proposed program located within a prescribed wells area?

No

Select the prescribed wells

Is the proposed program located within a prescribed water resource area?

No

Select the prescribed water resource areas

Provide any additional information

Attach Files

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File Name	File Size (Mb)	Created On	Download
Minbrie Groundwater.png	1.08 Mb	03-09-2025 16:05:45	Download (MERS/EP-03953/Groundwater/Minbrie Groundwater_2 025-09-03T06-35-46.351Z.png)
Minbrie Terrestrial Groundwater.png	1.1 Mb	03-09-2025 16:05:45	Download (MERS/EP-03953/Groundwater/Minbrie Terrestrial Groundwater_2 025-09-03T06-35-46.374Z.png)

File Name	File Size (Mb)	Created On	Download
Minbrie Water Wells.png	1.09 Mb	03-09-2025 16:05:45	Download (MERS/EP-03953/Ground water/Minbrie Water Wells_2025-09-03T06-35-46.247Z.png)

Native Vegetation

Will you be working within areas of native vegetation?

No

Provide the following information:

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

The activities are planned to be conducted only in areas of cultivated paddocks. All access tracks to the project area will only be within areas of cultivated paddocks. All paddocks contain mono crop of wheat.

Attach Files 

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File Name	File Size (Mb)	Created On	Download
Minbrie Vegetation.png	1.17 Mb	03-09-2025 16:06:06	Download (MERS/EP-03953/Native Vegetation/Minbrie Vegetation_2025-09-03T06-36-06.597Z.png)

Fauna

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

Significant Habitats, Flora & Fauna

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

No

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

Species name/habitat	Common name	NPW Act Rating	EBPC Act Rating
There are no records to display.			

Attach Files

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File Name	File Size (Mb)	Created On	Download
Minbrie Significant Fauna.png	1.13 Mb	03-09-2025 16:06:20	Download (MERS/EP-03953/Fauna/Minbrie Significant Fauna_2025-09-03T06-36-20.583Z.png)
Minbrie Significant Flora.png	1.12 Mb	03-09-2025 16:06:20	Download (MERS/EP-03953/Fauna/Minbrie Significant Flora_2025-09-03T06-36-20.557Z.png)

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*).

There are no known Weeds of National Significance in the project area. No mapped occurrences within 5km of the project area have been documented

Attach Files

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File Name	File Size (Mb)	Created On	Download
Minbrie Weeds of Significance.png	0.3 Mb	03-09-2025 16:06:37	Download (MERS/EP-03953/Weeds and Pathogens/Minbrie Weeds of Significance_2025-09-03T06-36-38.080Z.png)

Aboriginal Heritage

Describe the steps taken to identify Aboriginal heritage sites within the proposed area of exploration. Include a statement advising if an Aboriginal heritage survey has been conducted by the proponent and if so, the results of the survey.

There are no documented Aboriginal Heritage sites within 10km of the project area. The project area is entirely within freehold cultivated land. No Aboriginal Heritage survey has been conducted.

Environmentally Sensitive Locations

Indicate if you are intending to undertake exploration operations within the environmentally sensitive locations listed.

No

Name	Applicable
There are no records to display.	

Are you likely to impact on the environmentally sensitive area identified in the table above?

—

Detail the likely effects the proposed program may have.

Attach Files ⓘ

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Exploration Operations

Exploration Scope

Describe all exploration methods to be covered by the PEPR

Describe the extent of exploration operations – e.g. drillhole spacing and drill line density.

Describe the geographic extent of the area covered by the PEPR, including a general locality plan with tenement details, landowner boundaries and areas with environmental classifications or sensitivities.

Describe the specific environments where exploration operations will not be conducted – e.g. parks, reserves, salt lakes etc.

Equipment and Personnel requirements

Describe the maximum composition of field crews (operator, contractors, and geologists) and proposed working hours/days for each type of activity.

Using the table below, describe the maximum composition of field crews (operator, contractors, and geologists) and proposed working hours/days for each type of activity.

Type of Personnel	Number	Name of contractor company (if applicable)
Geologists	2	Lincoln Minerals
Drilling Crew	3	TBA
Field assistants/technicians	2	TBA
Site Preparation and rehabilitation	2	TBA

Shifts worked per day	Hours worked per day	Days worked per week
1	10	7

Using the table below, describe the equipment (size, number and contractor details) required to conduct the proposed operations.

Name	Owner/Operator	Description/capacity	Activity/purpose
Hydco Rab / Air core / Slim Line RC rig	TBD	Hydco Rab / Air Core / Slim Line RC Drill Rig with a 600cfm/350psi on-board compressor mounted on MAN all-wheel drive truck.	Aircore drilling with slim line RC capacity in harder ground to get to target.
RC/ Diamond Drill Rig	TBD	Schramn truck mounted drill rig	RC/ Diamond Drilling
Backhoe	TBD	Caterpillar 420 or equivalent	Digging sumps
Compressor Truck	TBD	MAN air truck	Provide compressed air to drill rig for RC drilling
Grader	TBD	Caterpillar 140M Motor Grader or equivalent	Maintaining existing paddock access track, ensure that ruts are not created along the tracks.
Light Vehicle 4WD	Lincoln Minerals	Toyota 4WD tray top or equivalent	Transport workers

Low impact exploration activities

Will low impact exploration operations be conducted that are not covered by the Generic program for environment protection and rehabilitation – low impact mineral exploration in South Australia, (generic PEPR)?

No

Describe each type of low impact operations proposed.

Drilling Operations

Will exploration drilling Operations be conducted?

Yes

Identify all the drilling methods that will be used.

Fill out the below table

Tenement	Drilling Types	Maximum number of drillholes	Maximum drillhole depth (m)	Number of drill pads	Maximum number of sumps required at each site	Maximum size of sumps (length x depth x width)	Average size of each drill pad	Number of sites requiring pad excavation	Average volume of material to be excavated
EL 5851	Reverse Circulation with Diamond Tails	10	400.00	10	1	27.00	2,500.00	0	0.00

Other Drilling Method(s)

Drillsite preparation

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

The proposed drilling program will take place on flat, cultivated land, so no ground levelling or vegetation clearing will be needed. Drillhole locations have been chosen in open paddocks or level clearings to avoid surface disturbance and eliminate the need for site preparation.

Sumps will be required at each drill site to manage return water and drill cuttings. These will be dug next to the drill collar using a backhoe or similar equipment. The size of each sump will be suitable to safely contain water and cuttings, based on the expected geology and water inflows at each site.

Drillhole construction and decommissioning

Drillhole construction and decommissioning

The drillhole will be constructed using a combination of reverse circulation (RC) and diamond core drilling methods. Drilling will commence with RC through the cover sequence down to 90 metres, delivering efficient sample return via compressed air and dual-walled rods typical. From 90 to 130 metres, HQ triple tube core drilling will be employed to maximise core recovery through the target zone and into the basement. Once this interval is completed, the HQ casing will be removed. The hole will then be cased off at 130 metres, and drilling will switch to NQ wireline core to the planned end-of-hole depth at approximately 350 metres.

No casing will be cemented at any stage; the drilling program will not use cement plugs or grout with cement fill at any point down the hole. At the conclusion of drilling, all HQ casing placed in the ground will be extracted to ensure the drillhole is left open, with no permanent or cemented casing remaining in place. This construction and decommissioning plan efficiently meets sampling, safety, and regulatory requirements while minimizing ground disturbance and avoiding unnecessary cementation

Have the personnel responsible for implementing the proposed program read and understood the Earth Resources Information Sheet M21, Mineral exploration drillholes – general specifications for construction and backfilling?

Yes

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

Drilling methods will consist of:

- RC through to 90m, in the cover sequence.
- HQ triple tube from 90m to 130m, through contact and into the basement.
- Case off and switch to NQ from 130m to end-of-hole at ~350m.

When describing drillhole decommissioning requirements, include the materials to be used, stratigraphic intervals where cement plugs will be placed, if the casing will be removed and when decommissioning will occur after drilling is completed.

All HQ casings will be removed at the completion of the hole.

No casing will be cemented.

Holes will not be grouted with cement fill nor will cement plugs be used at any location down the hole.

Attach Files ⓘ

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No Files Uploaded			

Costeans and bulk sample disposal pits

Will costeans/bulk sample disposal pits be required for the proposed program?

No

Tenement	Number of costeans/pits	Size of costean (length x width) (m2)	Average depth (m)	Volume excavated (m3)	Total Volume Excavated (m3)	Total area of disturbance
There are no records to display.						

Describe site preparation methods, vegetation clearance, and safety and maintenance requirements

No costeans or disposal pits will be dug for this program.

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).

The drilling program will involve plastic sheeting under the drill rig while drilling each hole, the drill crew will collect drilling samples in individual heavy duty green plastic bags to final hole depth with a plastic 800-1000L trough used to contain any potential sample overflow from sample bags. The cuttings from the plastic 800 – 100L trough will be disposed of back down the hole. The sampling and or splitting will take place at the same time as the hole is being drilled. The timing of drillhole rehabilitation will occur once the drill program is completed. The heavy duty green bag bulk samples will remain at the drillhole for further sampling and utilized for backfilling the drillhole. Any excess drill cuttings or samples will be disposed of down the hole.

Access routes to work areas

Will existing tracks require upgrading and/or maintenance?

No

Detail the work required to upgrade/maintain existing tracks.

—

Will access be required across adjoining tenements?

No

Detail the method(s) for gaining access, and if an agreement is in place with all stakeholders. Include the total area of disturbance required (i.e. length (km) and width (m) of tracks) and provide on a locality map.

Access to drill sites will be off public roads and within private property along fence lines tracks, drill lines in open cultivated land or existing tracks and accessing established gate and track networks. Cross country driving is only to traverse the drill equipment along the traverses – no mechanical creation of tracks is required. Drill sites will be pre-pegged and positioned as required in the field to obtain optimum target intersection allowable with minimal impact to the surrounding environment.

Only one paddock will require access. The paddock is accessible off Bungalow Road. No gates or fences are present between Bungalow Road and the paddock containing the drill site. Mobilization vehicles will need to drive 1.1km along paddock fence lines in order to access the drill site.

Will access off existing tracks be required?

Yes

Detail the method(s) for gaining access and if vegetation clearance is required. Details of the total area of disturbance (includes drill traverses and seismic lines) required off existing tracks (i.e. length (km) and width (m) of new tracks) must be provided in the program notification.

300m will need to be traversed off the paddock fence line track in order to reach the drilling site. No vegetation clearance or track creation is required as vehicles will be traversing the paddock. This new track will be marked out and pegged in the field to reduce the amount of ground disturbance in the paddock. This access track will be 300m long and 6m wide.

Attach Files ⓘ

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File Name	File Size (Mb)	Created On	Download
Bungalow Road Access.png	2.85 Mb	04-09-2025 10:06:30	Download (MERS/EP-03953/Access routes to work areas/Bungalow Road Access_2025-09-04T00-36-31.923Z.png)
Minbrie_access.jpeg	0.94 Mb	04-09-2025 10:07:45	Download (MERS/EP-03953/Access routes to work areas/Minbrie_access_2025-09-04T00-37-46.157Z.jpeg)
Minbrie_drillpads.png	3.48 Mb	02-12-2025 11:40:08	Download (MERS/EP-03953/Access routes to work areas/Minbrie_drillpads_2025-12-02T01-10-09.922Z.png)
Minbrie_Project_Access.jpeg	1.43 Mb	04-09-2025 10:07:45	Download (MERS/EP-03953/Access routes to work areas/Minbrie_Project_Access_2025-09-04T00-37-46.179Z.jpeg)
Paddock Access.png	3.26 Mb	04-09-2025 10:06:30	Download (MERS/EP-03953/Access routes to work areas/Paddock Access_2025-09-04T00-36-31.295Z.png)

Campsites and equipment laydown areas

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

Cowell Foreshore Caravan Park

What is the maximum number of personnel requiring accommodation?

10

Is a campsite required to be established?

No

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

—

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

—

Will native vegetation clearance be required?

No

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

—

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

—

Will any excavations be required?

No

Describe the purpose of the excavation

—

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

—

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

—

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

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

Proposed infrastructure	Quantity	Description / capacity
No proposed infrastructure required	0	No infrastructure will be set up onsite. Accommodations and offices will be in the nearby own of Cowell.

Will laydown areas be required?

No

Will the laydown area(s) be located at the same location as the campsite?

—

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

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

—

Will native vegetation clearance be required?

No

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

—

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

Will any excavations be required?

No

Describe the purpose of the excavation.

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

—

Proposed infrastructure (includes hydrocarbon and water storage requirements)

Proposed infrastructure	Quantity	Description / capacity
None	0	Not applicable

Attach Files ⓘ

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Other exploration methods and/or ancillary operations

Are any other proposed exploration methods (e.g. seismic) and/or ancillary exploration operations required?

No

Describe the activity(s), site preparation, vegetation clearance, and safety and maintenance requirements.

—

Water supply and management

Will camp and/or drilling water be required?

Yes

Describe how and where water will be sourced for drilling, track maintenance and camping purposes (e.g. groundwater, surface water, mains). Indicate how wastewater and/or runoff water will be managed.

Water for drilling will be accessed via mains. The local standpipe will be used with permission from the District Council of Franklin Harbour. The standpipe is located 10km from the proposed drilling location at the Cowell Wastewater Treatment Plant.
Drilling return water will be collected in sumps.

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

No

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.

No

Attach a copy of the licence or include a statement confirming that a licence will be obtained before the extraction and/or usage of water.

Groundwater investigation and water affecting activities

Will any water investigation (e.g. pump testing, water monitoring sites, water storage, turkey nests/dams) and/or water affecting activities, be undertaken (refer to s. 127 of the Landscape South Australia Act 2019)?

No

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

Indicate if water affecting activities permits (eg well and water extraction/discharge permits) have been obtained and in accordance with the Landscape South Australia Act 2019.

—

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Management of hazardous materials

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

No

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

Will any other hazardous material be encountered when exploring in the area?

No

List the types of hazardous materials and provide a management plan on how these materials will be managed.

Rehabilitation

Detail all the activities and strategies relating to the remediation of all impacts associated with the proposed exploration operations (includes exploration camps and laydown areas, tracks). Completion of rehabilitation must be achieved within 3 months after the expiry of each program notification.

Following the completion of the drilling program, the drill pads and sumps will be rehabilitated to return the site to its pre-disturbance condition and ensure minimal impact on future agricultural use. All drill cuttings and residual fluids will be removed from the sumps, which will then be backfilled and compacted to match surrounding ground levels. The drill pad surface will be raked or scarified to alleviate any compaction caused by vehicle or machinery traffic, promoting natural water infiltration. Topsoil stockpiled during site preparation will be evenly respread over the disturbed area, ensuring coverage of seed bank and soil biota.

Sites will be progressively rehabilitated by local landowner Paul Webb. This includes raking surface material and any other works necessary to prepare for the farming cycle. Any miscellaneous works requiring rehabilitation will be handled by the landholder as appropriate.

State the estimated budget required to rehabilitate all impacted sitesState the estimated budget required to rehabilitate all impacted sites. Include a breakdown of the cost associated with each rehabilitation component

It is anticipated once sampling is done and holes are suitably backfilled immediately following the program (by the onsite field crew), remaining surface spoils and access track remediation costs for rehabilitation are estimated at \$120 per hole (ca. 2 hours maximum per hole) and 1 day maximum to scarify tracks if necessary (ca.\$1000).

Vegetation Clearance

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

No

Provide a map and description of the vegetation present in the application area, the extent of any proposed vegetation clearance and the likelihood of the presence of threatened flora.

State the estimated quantum of significant environmental benefit (SEB) to be gained in exchange for the proposed native vegetation clearance and describe how the SEB will be provided.

Tenement Name ↑	Tenement Holder	Tenement Operators	Grant Date	Expiry Date	Tenement Type	Location Description	Tenement Area	Tenement Status	Shape Identifier
EL 5851	Dragon Resource Investment Pty Ltd	Lincoln Minerals Limited (Operator and Agent)	14/08/2016	13/08/2027	Exploration Licence	Minbrie area approximately 20km northwest of Cowell	117.00	Active	10008113-0000

Management of Environmental Impacts

Applicable environmental aspects and potential impacts

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Third party access	Soil/vegetation/farina	Degradation of rehabilitated access tracks caused by third party access (includes previously closed and rehabilitated access tracks).	• No new access tracks to be formed with earthworks machinery. • Proposed drilling will take place on private cultivated property away from public view. • In consultation with the landowner, cross country driving may avoid repeated or multiple use of the same off-road route and hence reduce likelihood of third-party use. • No driving across farm contour banks except at designated crossing points established in consultation with the landowner • Avoid driving directly up or down slopes but follow topographic contours as closely as possible. Utilise small drill rigs to limit soil disturbance. Hay bales may be used to reduce sheet wash effects if identified • After scarifying new access tracks, place barriers such as earth mounds or dead timber across them to discourage/block third party use.		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.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Aboriginal heritage	Aboriginal heritage sites	Disturbance to Aboriginal heritage	• The exploration area is on free hold land which has been cultivated. Previous drilling from 2002-2012 did not encounter any heritage artifacts. • Photos of before and after will be taken and logged. • If any artifacts are discovered they will be preserved and reported as required • Employees, contractors and visitors inducted to understand environmental and heritage obligations. • Employees, contractors and visitors will be inducted to understand environmental and heritage obligations. If any archaeological deposits are identified during exploration activities, work is to cease at that particular site and the site reported to authorities. • Although the Project lies within the Native Title lands of the Barnagarla people, the Project is located entirely on freehold land where Native Title has been extinguished. • Aboriginal heritage sites - locate all sites from State Register on a map and implement appropriate buffer	Low	No disturbance to Aboriginal artefacts or sites of significance unless prior approval under the relevant legislation is obtained.	Maintain a database and provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report demonstrating that: • Heritage sites were not impacted during the conduct of the exploration program, unless prior approval was obtained under the appropriate legislation • Work ceased on discovery of a significant site and recommenced only after authorisation. • Aboriginal heritage sites identified during the exploration program were appropriately recorded and reported to authorities, if not previously known.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
			zones to avoid impact. (NB none identified in the project area)			

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Groundwater	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).	• Drillholes are constructed and rehabilitated in accordance with Earth Resources Information Sheet M21 -Mineral exploration drillholes – general specifications for construction and backfilling. • Drilling will not intersect artesian flow. • Intersection with groundwater may occur at the contact between basal conglomerate and basement geology. Ground water may also be encountered in places of fractured basement. Excess water will be collected in the sumps. • Drilling will be stopped if excess groundwater is encountered beyond what can be contained in the immediate collar area and/or cyclone tank. • Biodegradable drilling fluids to be used. • Maintain groundwater quality and quantity records for each drillhole intersecting groundwater. • Keep all excess fuels or other non-biodegradable fluids away from drill site on banded pallets. • Check rig for fuel leaks, hydraulic fluid hose leaks at every hole. Use drip trays under rig.	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.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Soil	Soil	Disturbance to the soil profile and topography, and accelerated soil erosion caused by exploration activities (e.g. construction of sumps, new tracks and drill pads; ground compaction at laydown areas and camps).	• Photos will be taken before and after drilling and a raking, removal and storage of topsoil at the rig site will enable immediate rehab upon completion. • Keep to defined tracks wherever possible and adhere to appropriate speed limits to avoid bull dust • No off-road driving in wet conditions or where ground conditions might be soft or boggy to avoid the creation of ruts. • Groundcover plastic sheets or drip trays under machinery if required. Spill response kits on site. Waste separation facilities. Mobile (chemical) toilet, if necessary. • Vehicle access during periods when soils might be wet or boggy will be restricted to formed public roads and existing farm tracks and care will be taken to avoid any disturbance of farm contour banks. Walking is the preferred method of transport in these conditions to access drill sites. Compaction of cultivated land will be minimised through the use of small drilling rigs as and when required or	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.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
			available. Previous drilling in the project area did not result in soil compaction. • Keep to defined tracks wherever possible and adhere to appropriate speed limits. • Upon completion of drilling, lightly scarify or rake access tracks and drill sites			

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Other	Flora and fauna and their habitats; includes Common wealth and state scheduled species.	Loss/modification of native vegetation and associated habitats through the clearance of vegetation	• Drilling on cultivated land that has been harvested will not impact flora and fauna, however, endangered groundcover or other species to be clearly identified and “flagged” to ensure these are not impacted through vehicle movements or other exploration activities. • Vegetation Avoided, no clearing necessary. • No risk to native fauna habitat as drill site is within a cultivated field. • Fire extinguishers placed nearby. Additionally, a shovel, a rake and portable fire extinguisher on hand as per CFS recommendations within fire danger season.	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.No permanent loss/modification of native flora and fauna populations and their habitats through: • clearance • fire • other	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.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
					unless prior approval under the relevant legislation is obtained.	

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Stakeholders	Stakeholders	Stakeholders: - freehold land owners - perpetual lease holders - pastoral lease holders - Aboriginal land (Anangu Pitjantjatjara Yankunytjatjara and Maralinga Tjarutja lands) - Department of Defence - state government departments. - local government (councils) - federal government - native title parties.	• Care will be taken to instruct all field crews of the need to drive to the conditions on the main access routes. Being aware to minimise dust on dirt roads and always keeping to a safe speed. Gates to properties should be left as they are found. The EL is freehold land and therefore respect for surrounding landholders and stakeholders needs to be considered and will be stressed at the daily toolbox meetings. • Ongoing consultation/liaison with landholders, including clear and open discussions regarding access requirements. • Serving all required Statutory Forms under the Mining Act (including Part 9b of the Mining Act where required) • Negotiate agreements, where required, with relevant landholders in accordance with section 9AA of the Mining Act • All company policies and procedures followed. Dedicated community affairs liaison function and communication register kept up to date	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 agreement s 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.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Fauna	All fauna	Entrapment of fauna through open drillholes and excavations.	• It is anticipated once each hole is completed and sampled that plugs will be installed, and the holes backfilled. • Erect barricading around open drillholes or secure drillhole capping to prevent access immediately on completion. • Holes will be capped with an octopus plug and backfilled immediately after hole completion. If hole is left uncovered, a plastic RC shot hole plug will be placed in the hole to prevent fauna access.	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.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Contamination	Soil/vegetation/farina	Soil/vegetation contamination (e.g. hydrocarbons, rubbish, drill samples/cuttings, ablutions, other sources)	• All holes will be backfilled with drill spoil. Any domestic/industrial rubbish or contaminants to be removed from site • The drillers have an environmental spill kit on site and have training processes to deal with such an event as a spill. • Have appropriate chemical storage facilities such as bundled pallets and appropriately trained and competent personnel in their use. • Groundcover plastic sheets or drip trays under machinery as required. Waste separation facilities. Mobile (chemical) toilet, if necessary. • General Rubbish to be removed from site by field staff and drill crew and disposed of at the Cowell Refuse Site, Melrose Rd Cowell.	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

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
						the 'Rehabilitation' section of the annual exploration compliance report.
Groundwater users	Groundwater users	Interference to existing water users when extracting water from existing dams, water bores or mineral drillholes.	Not Applicable. We will not be extracting any groundwater for use.	Low	No public nuisance impacts resulting from the extraction of water for exploration purposes, unless prior approval under the relevant legislation is obtained.	Provide the information requested within the 'Complaints' section of the annual exploration compliance report demonstrating that all reasonable complaints from stakeholders were resolved to the satisfaction of both parties, prior to and ongoing during the course of the exploration program without the involvement of DEM. Where permits are required for the extraction and/or usage of groundwater, provide copies of the licence or permit within the annual exploration compliance report.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Groundwater	Soil/vegetation/farina	Discharge of groundwater into the surrounding environment.	• Drillholes are constructed and rehabilitated in accordance with Earth Resources Information Sheet M21 -Mineral exploration drillholes – general specifications for construction and backfilling. • Stop drillhole immediately if excess water is encountered and prevent any excess water from leaving the immediate drill collar area. • Unconfined aquifer holes will be filled with cuttings and clay. • A minimum 15m cement grout plug will be set from one meter above the unconformity, and 14m below. (Into the fractured basement rock aquifer) • Maintain groundwater quality and quantity records for each drillhole intersecting groundwater	Low	No discharge of groundwater outside of the exploration site (e.g. drillsite) into the surrounding environment and no discharge of water into a watercourse, unless prior approval under the relevant legislation is obtained.	Maintain photographic evidence of all drillsites demonstrating that groundwater was not discharged into the surrounding environment, unless water affecting activity permits were obtained allowing the discharge of groundwater into watercourses and/or lakes. Representative photos and water affecting activity permits (where applicable) to be included within the annual exploration compliance report.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
General Public	General Public	Injury or death to members of the public as a result of exploration activities.	• Exploration activities are undertaken on private land and as such the public would be trespassing. All gates will shut at end of day. • Appropriate signage and demarcation to prevent access will be deployed at the entrance to drilling sites. • Only inducted personnel who have a direct need to be in the work area of the rig will be permitted near operations. • Ensure water truck movements do not coincide with school bus routes and reduce speed limits to 60km/hr and driving to the road condition. • Note that whilst the likelihood of such an incident occurring is rated as rare, the consequence is potentially high. This is deemed acceptable given the highly unlikely likelihood, and the safety measures and level of supervision that will be present at the rig.	Mod erat e	No accidents involving the public that could have been reasonably prevented by the licensee.	Provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report confirming no accidents occurred involving the public during and after the exploration program. If an accident involving the public did occur, provide a copy of the independent investigation report within the annual exploration compliance report demonstrating that the licensee could not have reasonably prevented the accident through the implementation of precautionary measures.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Weeds and Pathogens	All flora and fauna, especially listed species.	Loss/modification of the environment (biological, social and economic) through the introduction of weeds and pathogens.	• Site inductions to identify problem weeds (particularly SA Noxious Weeds and Declared Plants of SA) and areas to avoid • Proposed exploration will avoid all vegetation, and no clearing of vegetation is required at this stage of exploration. - Drillholes will be on cultivated land and drillholes can be moved into open clear areas as required. • Vehicles must be thoroughly cleaned prior to entry off roads onto existing tracks into exploration areas unless otherwise agreed with landholder, to prevent the spread of weeds and soil/plant diseases. - The following weeds occur within 10km of the project area: □ Asparagus asparagoides f. – Bridal Creeper □ Lycium ferocissimum - African Boxthorn. □ Rubus leucostachys – Blackberry □ Solanum elaeagnifolium - Silver-leaf Nightshade • Fire extinguishers will be available to reduce risk of fire. - Additionally, a shovel, a rake and portable spray on hand as per CFS recommendations	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.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
			within fire danger season.			
Fire	Community/landowners	Damage to infrastructure and loss of income through fire.	• No drilling on days of extreme fire risk. • No spark emitting activities will take place during anytime fire risk is above high. • Drill rig shutdown if lightning comes within 30km of site. • Rig induction should include access and use of fire extinguishers placed at the drill site. • All vehicles are fitted with a minimum 9kg fire extinguisher. • Local Brigade should be listed on the emergency phone contacts especially in extreme weather. • Be aware of local fire warnings, fire ban days and thunderstorm activity which may be the source of unexpected fire. • Operate to and monitor weather conditions on days of high temperature and wind conditions and low humidity. - Daily monitoring of fire risk levels will take place. Cease work on days of total fire bans with fire rating index above 50.	Moderate	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.

Not applicable environmental aspects and potential impacts

Supporting Information

Photos

Upload Photos ⓘ

				Expand/Collapse
File Name	File Size (Mb)	Created On	Download	
Bungalow Road Access.png	2.85 Mb	05-09-2025 12:28:39	Download (MERS/EP-03953/Supporting information/Photos/Bungalow Road Access_2025-09-05T02-58-40.178Z.png)	
Minbrie Site Photo.png	3.18 Mb	05-09-2025 12:28:39	Download (MERS/EP-03953/Supporting information/Photos/Minbrie Site Photo_2025-09-05T02-58-40.170Z.png)	
Minbrie Soils.png	3.62 Mb	05-09-2025 12:28:39	Download (MERS/EP-03953/Supporting information/Photos/Minbrie Soils_2025-09-05T02-58-40.163Z.png)	

File Name	File Size (Mb)	Created On	Download
Paddock Access.png	3.26 Mb	05-09-2025 12:28:39	Download (MERS/EP-03953/Supporting information/Photos/Paddock Access_2025-09-05T02-58-40.125Z.png)

Site identification	Date taken	Photo number & PEPR section reference	Easting (GDA94)	Northing (DGA94)	Zone	Details and comments	Document ID
Drill Site	02/08/2025	3 Section C Landuse	676950.5 (Approximate centre of frame)	6282945.9 (Approximate centre of frame)	53	Photograph of proposed drilling area, showing cultivated land	Drill Site
Project Area Soils	02/08/2025	4 Section C Soil and Surface Cover	676919.1 (Approximate centre of frame)	6282923.1 (Approximate centre of frame)	53	Photograph of soils within the project area, proximal to proposed drill site	Minbrie Soils
Bungalow Road Access	02/08/2025	5 Section D Access Routes to Work Areas	672728.04 (Approximate centre of frame)	6280106.18 (Approximate centre of frame)	53	Bungalow road access off main highway Cowell-Kimba Road	Bungalow Road Access
Paddock Access	02/08/2025	6 Section D Access Route to Work Areas	676061.5 (Approximate centre of frame)	6283429.9 (Approximate centre of frame)	53	Paddock access off Bungalow Road to drill site. Smooth access, no gates or fences.	Paddock Access

Supporting Maps

Upload Maps 

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File Name	File Size (Mb)	Created On	Download
Minbrie Acid Soil.png	0.19 Mb	05-09-2025 12:37:40	Download (MERS/EP-03953/Supporting information/Maps/Minbrie Acid Soil_2025-09-05T03-07-40.367Z.png)
Minbrie Cadastral.png	0.95 Mb	05-09-2025 12:40:39	Download (MERS/EP-03953/Supporting information/Maps/Minbrie Cadastral_2025-09-05T03-10-39.938Z.png)
Minbrie Groundwater.png	1.08 Mb	05-09-2025 12:37:46	Download (MERS/EP-03953/Supporting information/Maps/Minbrie Groundwater_2025-09-05T03-07-47.054Z.png)
Minbrie Landforms.png	0.2 Mb	05-09-2025 12:37:45	Download (MERS/EP-03953/Supporting information/Maps/Minbrie Landforms_2025-09-05T03-07-46.349Z.png)
Minbrie Project Location.png	1.12 Mb	05-09-2025 12:39:49	Download (MERS/EP-03953/Supporting information/Maps/Minbrie Project Location_2025-09-05T03-09-49.365Z.png)

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Minbrie Significant Fauna.png	1.13 Mb	05-09-2025 12:37:47	Download (MERS/EP-03953/Supporting information/Maps/Minbrie Significant Fauna_2025-09-05T03-07-47.036Z.png)
Minbrie Significant Flora.png	1.12 Mb	05-09-2025 12:37:47	Download (MERS/EP-03953/Supporting information/Maps/Minbrie Significant Flora_2025-09-05T03-07-47.117Z.png)
Minbrie Soil Types.png	0.21 Mb	05-09-2025 12:37:46	Download (MERS/EP-03953/Supporting information/Maps/Minbrie Soil Types_2025-09-05T03-07-46.442Z.png)
Minbrie Surface Geology.png	0.19 Mb	05-09-2025 12:37:46	Download (MERS/EP-03953/Supporting information/Maps/Minbrie Surface Geology_2025-09-05T03-07-46.449Z.png)
Minbrie Terrestrial Groundwater.png	1.1 Mb	05-09-2025 12:37:47	Download (MERS/EP-03953/Supporting information/Maps/Minbrie Terrestrial Groundwater_2025-09-05T03-07-48.227Z.png)

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Minbrie Vegetation.png	1.17 Mb	05-09-2025 12:37:46	Download (MERS/EP-03953/Supporting information/Maps/Minbrie Vegetation_2025-09-05T03-07-46.740Z.png)
Minbrie Water Erosion.png	0.19 Mb	05-09-2025 12:37:46	Download (MERS/EP-03953/Supporting information/Maps/Minbrie Water Erosion_2025-09-05T03-07-46.678Z.png)
Minbrie Water Wells.png	1.09 Mb	05-09-2025 12:37:46	Download (MERS/EP-03953/Supporting information/Maps/Minbrie Water Wells_2025-09-05T03-07-46.875Z.png)
Minbrie Watercourses.png	1.07 Mb	05-09-2025 12:37:46	Download (MERS/EP-03953/Supporting information/Maps/Minbrie Watercourses_2025-09-05T03-07-46.998Z.png)

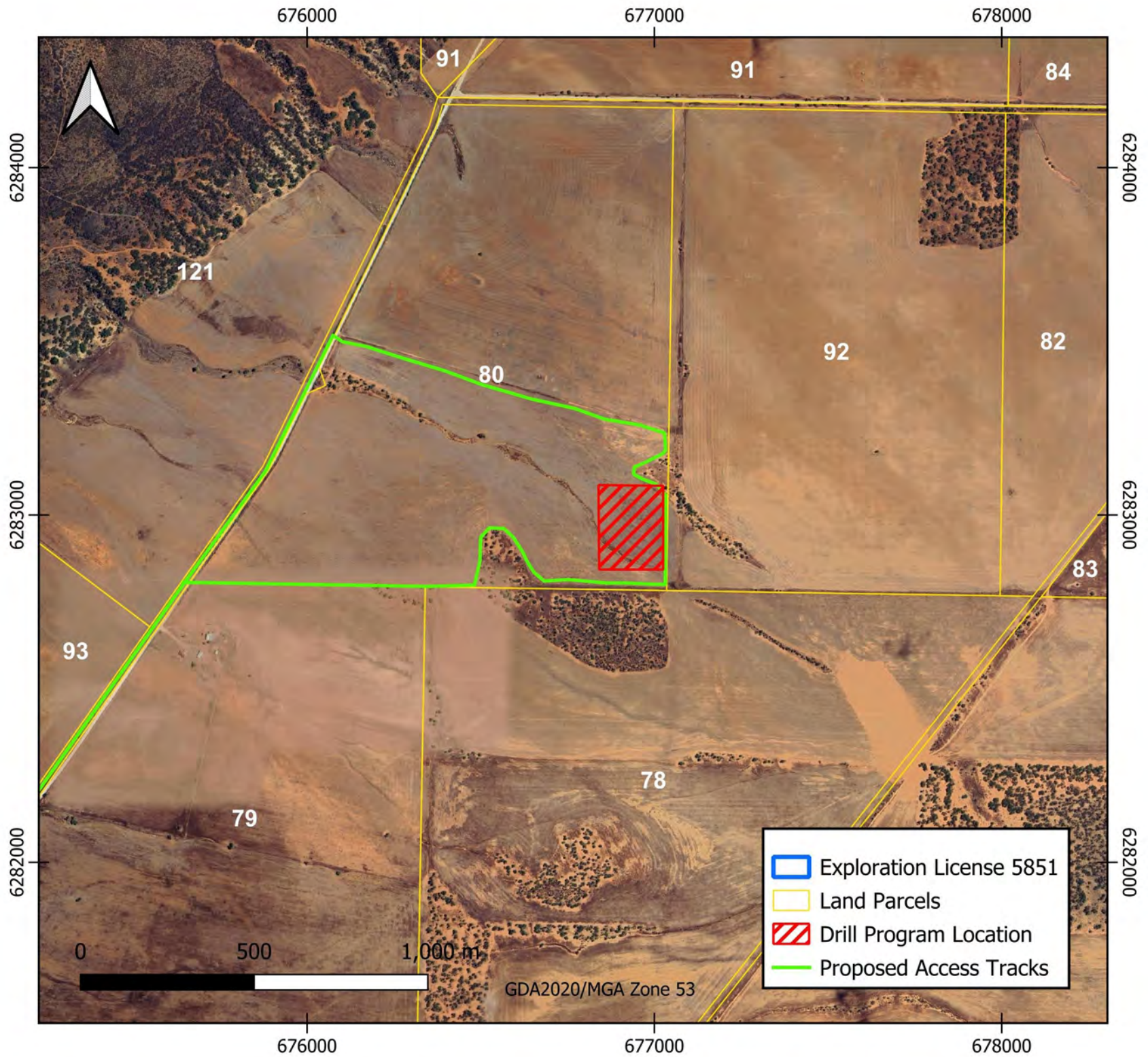
File Name	File Size (Mb)	Created On	Download
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Minbrie Wind Erosion.png	0.16 Mb	05-09-2025 12:37:46	Download (MERS/EP-03953/Supporting information/Maps/Minbrie Wind Erosion_2025-09-05T03-07-46.433Z.png)
Minbrie_Infrastructure.jpg	0.36 Mb	05-09-2025 12:37:46	Download (MERS/EP-03953/Supporting information/Maps/Minbrie_Infrustructure_2025-09-05T03-07-46.721Z.jpg)

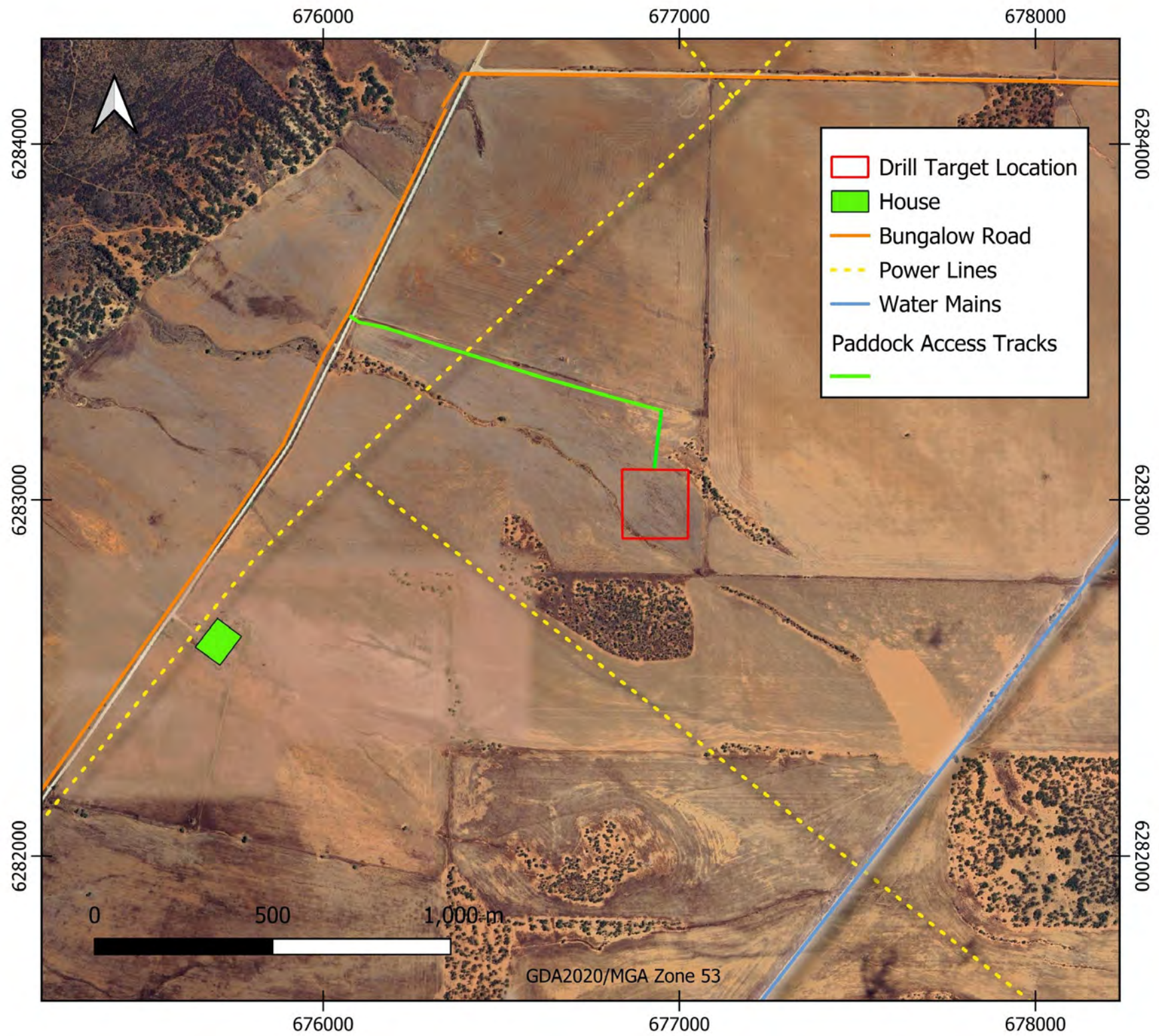
Figure Description	Document ID
Project location on the eastern Eyre Peninsula	Minbrie Project Location
Land parcels within the project area	Minbrie Cadastal
Significant fauna proximal to the project area	Minbrie Significant Fauna
Documented weeds proximal to the project area	Minbrie Weeds of Significance

Additional Information

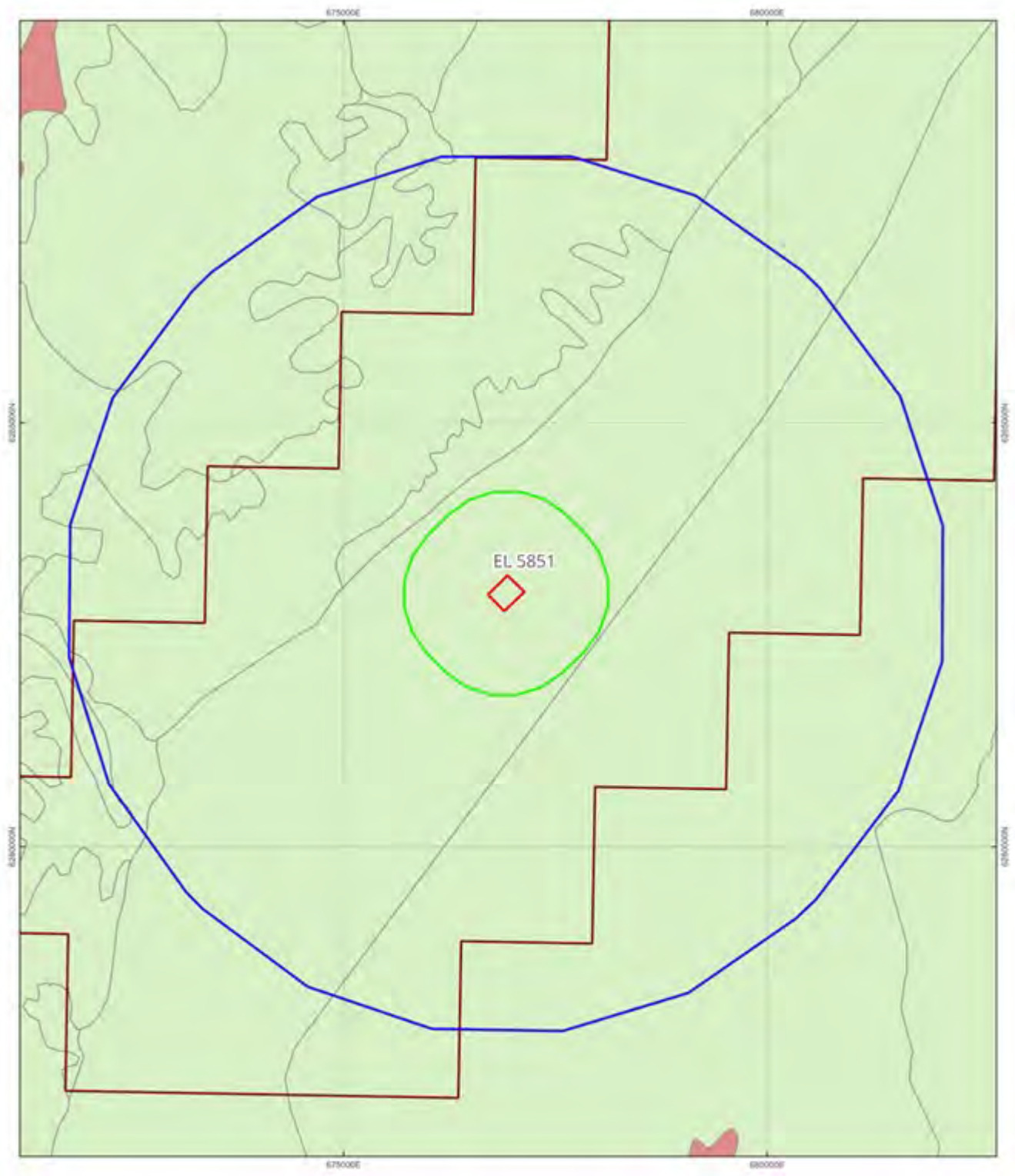
List any other supporting information and/or documents submitted with the application, including land access approvals/permits required to conduct the proposed exploration program.

N/A

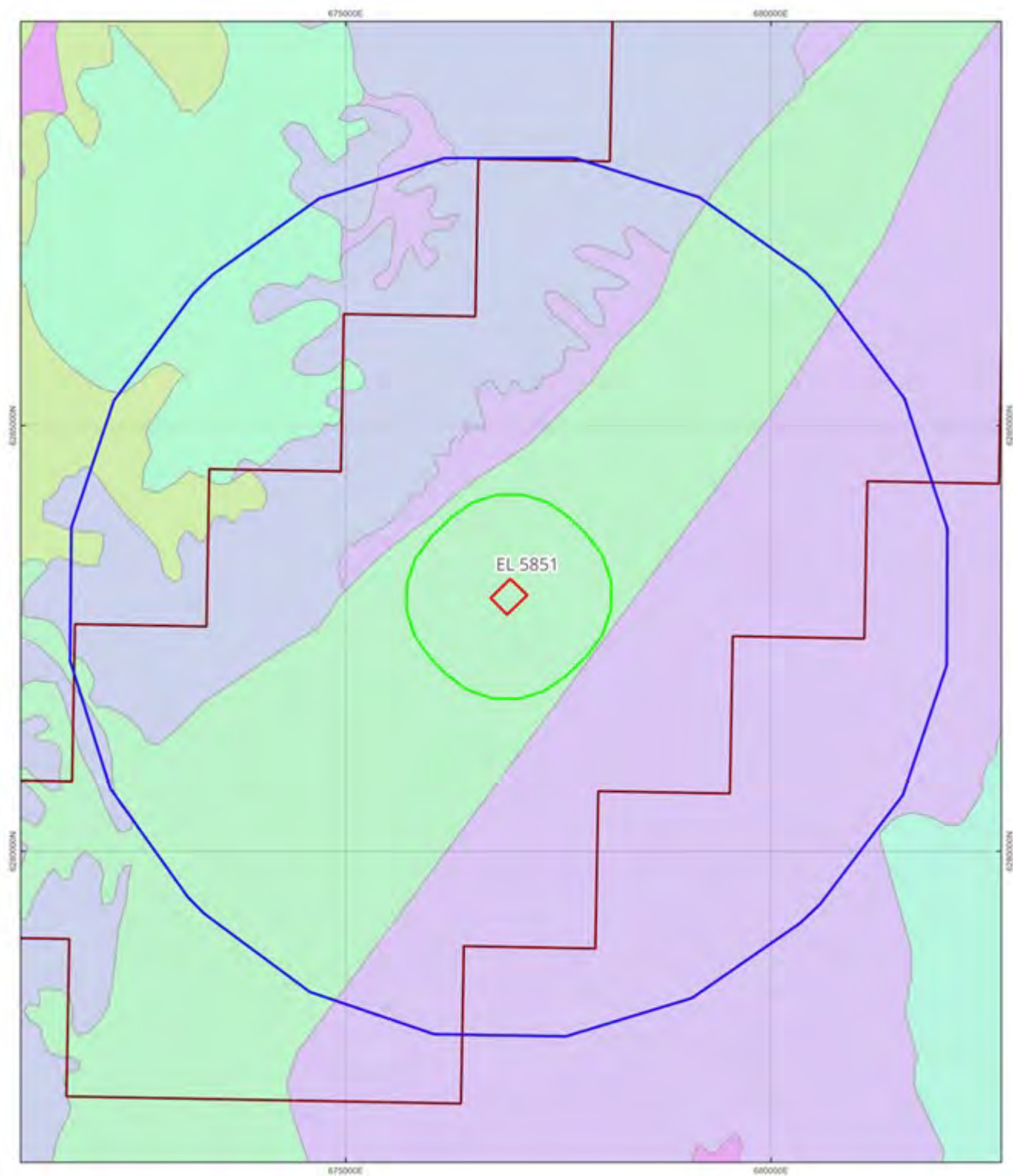








Clients LML Minbie — Minbie_Exploration_Area — Minbie_Exploration_Area_1km — Minbie_Exploration_Area_5km — Minbie_Exploration_Area_10km	Tenements Exploration Licences - Mineral or Opal — Dragon Resource Investment Pty Ltd, Lincoln Minerals Limited Environmental Acid Sulfate Soil Potential — Negligible Potential — Potential for >50% Land to Develop Acid Sulfate Soil	Minbie EPEPR Acid Sulphate Soil Potential DATE: 24 DECEMBER 2024 Author: LR EPSG 7853, Projection: GDA2020 / MGA zone 53 N 0 0.5 1 1.5 2 2.5 km Scale 1:57,482 Disclaimer: This document was prepared by the applicant (Minbie) and is for informational purposes only. It is not intended to be used as a basis for any legal or regulatory proceedings. The information contained herein is based on the best available data and is subject to change without notice. The applicant warrants that the information contained herein is true and correct to the best of its knowledge.
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Clients

LML

Minbrie

- Minbrie_Exploration_Area
- Minbrie_Exploration_Area_1km
- Minbrie_Exploration_Area_5km
- Minbrie_Exploration_Area_10km

Tenements

Exploration Licences - Mineral or Opal

- Dragon Resource Investment Pty Ltd, Lincoln Minerals Limited

Environmental

Geomorphic Units_LandTypes

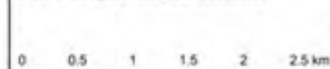
- Low hills and rises with m
- Non arable hills and rises
- Plains and gentle slopes v
- Plains and rises with main
- Rises and plains with mair
- Saline land, saline to braci

Minbrie EPEPR Location

DATE: 24 DECEMBER 2024

Author: LML

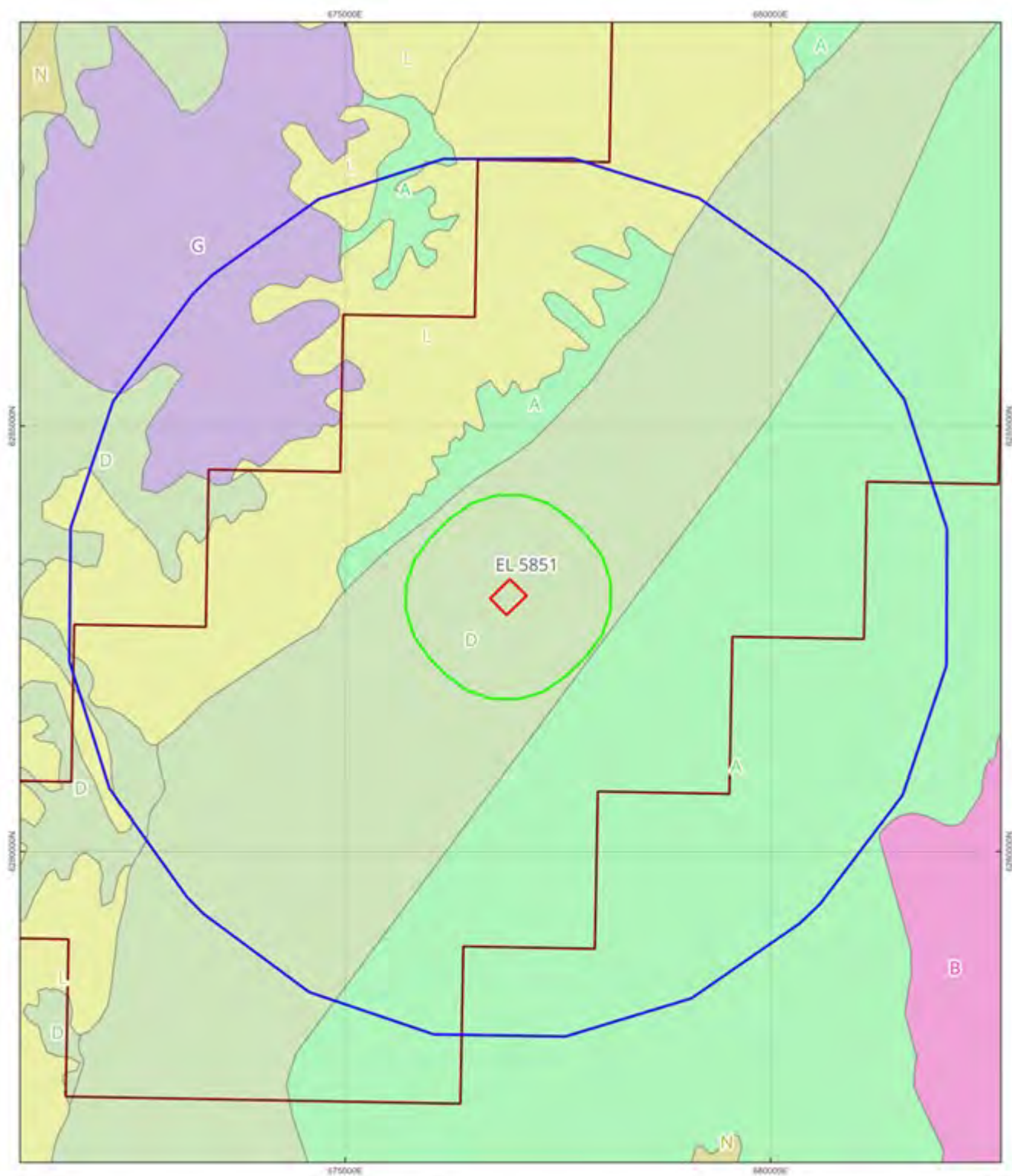
EPSC: 7953; Projection: GDA2020 / MGA zone 53



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Site identification	Date taken	Photo number & PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Details and Comments
Drill site	02/08/2025	3 Section C <u>Landuse</u>	676950.5 (Approximate centre of frame)	6282945.9 (Approximate centre of frame)	53	Photograph of proposed drilling area, showing cultivated land





Clients

LML

Minbrie

- Minbrie_Exploration_Area
- Minbrie_Exploration_Area_1km
- Minbrie_Exploration_Area_5km
- Minbrie_Exploration_Area_10km

Tenements

Exploration Licences - Mineral or Opal

Dragon Resource Investment Pty Ltd, Lincoln Minerals Limited

Environmental

LANDSCAPE_SALAD_Soil_Group_GDA2020

- A
- B
- D
- G
- L
- N

Minbrie EPEPR Soil Types

DATE: 24 DECEMBER 2024

Author: LR

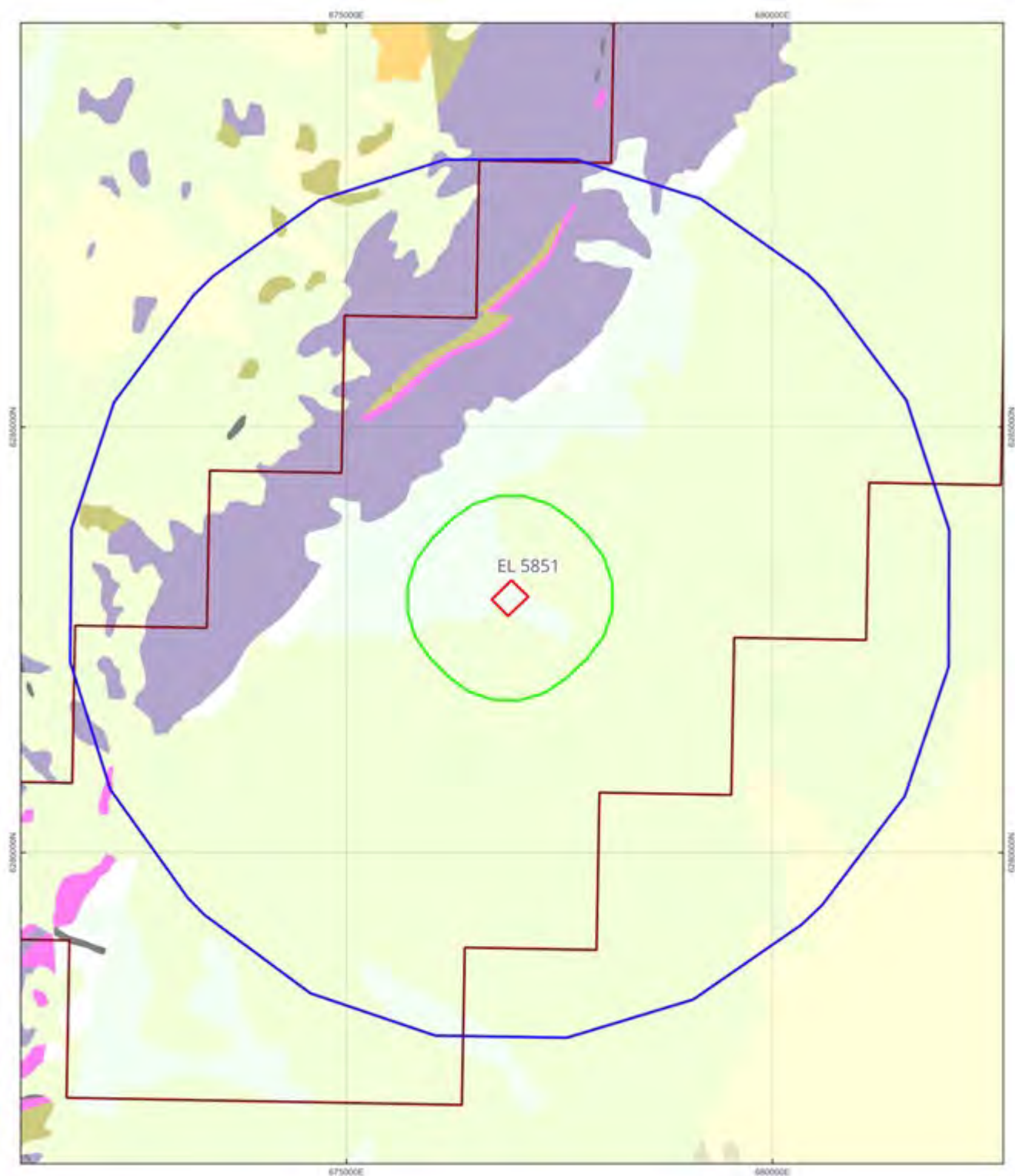
EPSG: 7853, Projection: GDA2020 / MGA zone 53



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Site identification	Date taken	Photo number & PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Details and Comments
Project area soils	02/08/2025	4 Section C Soil and Surface Cover	676919.1 (Approximate centre of frame)	6282923.1 (Approximate centre of frame)	53	Photograph of soils within the project area, proximal to proposed drill site.





Clients
LML
Minbie
 Minbie_Exploration_Area
 Minbie_Exploration_Area_1km
 Minbie_Exploration_Area_5km
 Minbie_Exploration_Area_10km
Tenements
Exploration Licences - Mineral or Opal
 Dragon Resource Investment Pty Ltd, Lincoln Minerals Limited

Geo
100K Surface Geology
 Qha
 Qhck
 Qhem
 Qpap
 Qpr4
 Lzpm
 Lhw1
 Lhw
 ALsa
 ALsi
 qz
 my1

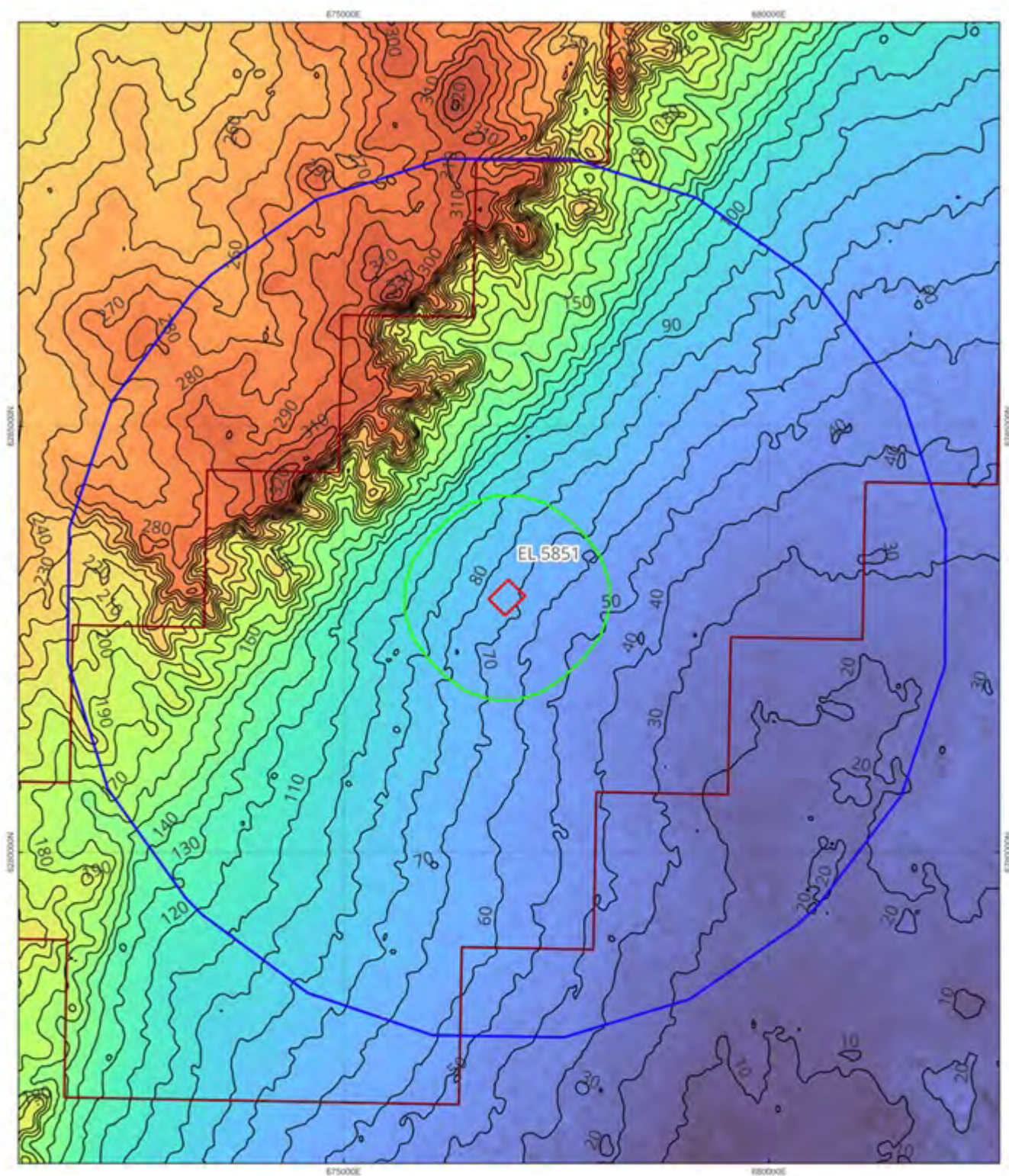
Minbie EPEPR Surface Geology

DATE: 24 DECEMBER 2024
 Author: LJR
 EPSG: 7853; Projection: GDA2020 / MGA zone 53



0 0.5 1 1.5 2 2.5 km
 Scale 1:57,452

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Minbrie

- Minbrie_Exploration_Area
- Minbrie_Exploration_Area_1km
- Minbrie_Exploration_Area_5km
- Minbrie_Exploration_Area_10km

Tenements

Exploration Licences - Mineral or Opal

Dragon Resource Investment Pty Ltd, Lincoln Minerals I

Base Layers

10m Contours

SRTM 1 Second

Band 1 (Gray)

350

0

Minbrie EPEPR Elevation

DATE: 24 DECEMBER 2024

Author: LR

EPSG:7853, Projection: GDA2020 / MGA zone 53

Scale 1:57,482

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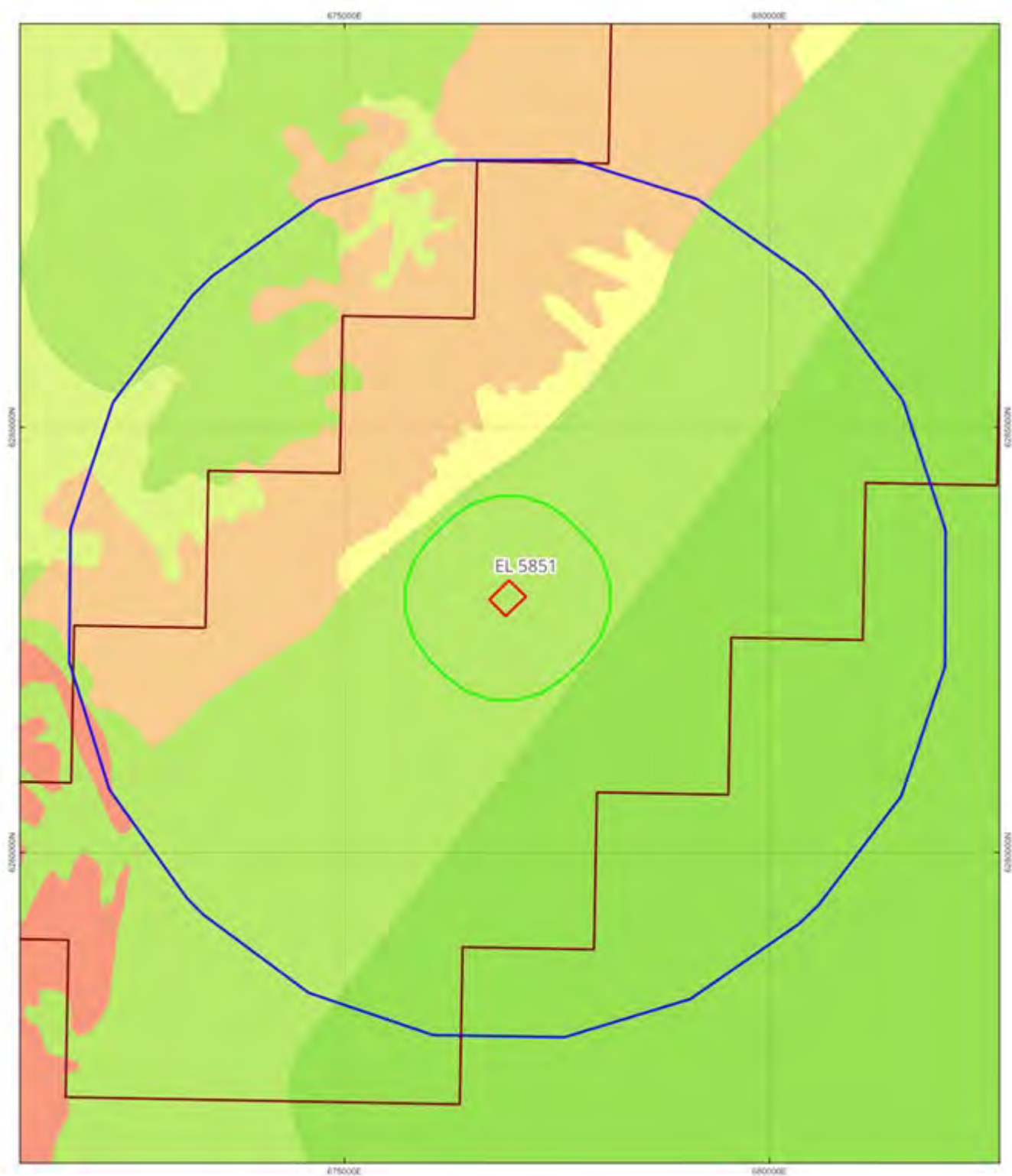
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Clients

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Minbie

- ▬ Minbie_Exploration_Area
- ▬ Minbie_Exploration_Area_1km
- ▬ Minbie_Exploration_Area_5km
- ▬ Minbie_Exploration_Area_10km

Tenements

Exploration Licences - Mineral or Opal

- ▬ Dragon Resource Investment Pty Ltd, Lincoln Minerals Limited

Environmental

Water Erosion Potential

This assessment is based on the potential for sheet and rill erosion, interpreted from slope and erodibility of soil landscape map units. Map units are classified according to the dominant water erosion potential class occurring. No account is taken of land cover or land use - i.e. the assessment is made on the inherent characteristics of the land.

- Low
- Moderately low
- Moderate
- Moderately high
- High
- Very high

Minbie EPEPR Water Erosion Potential

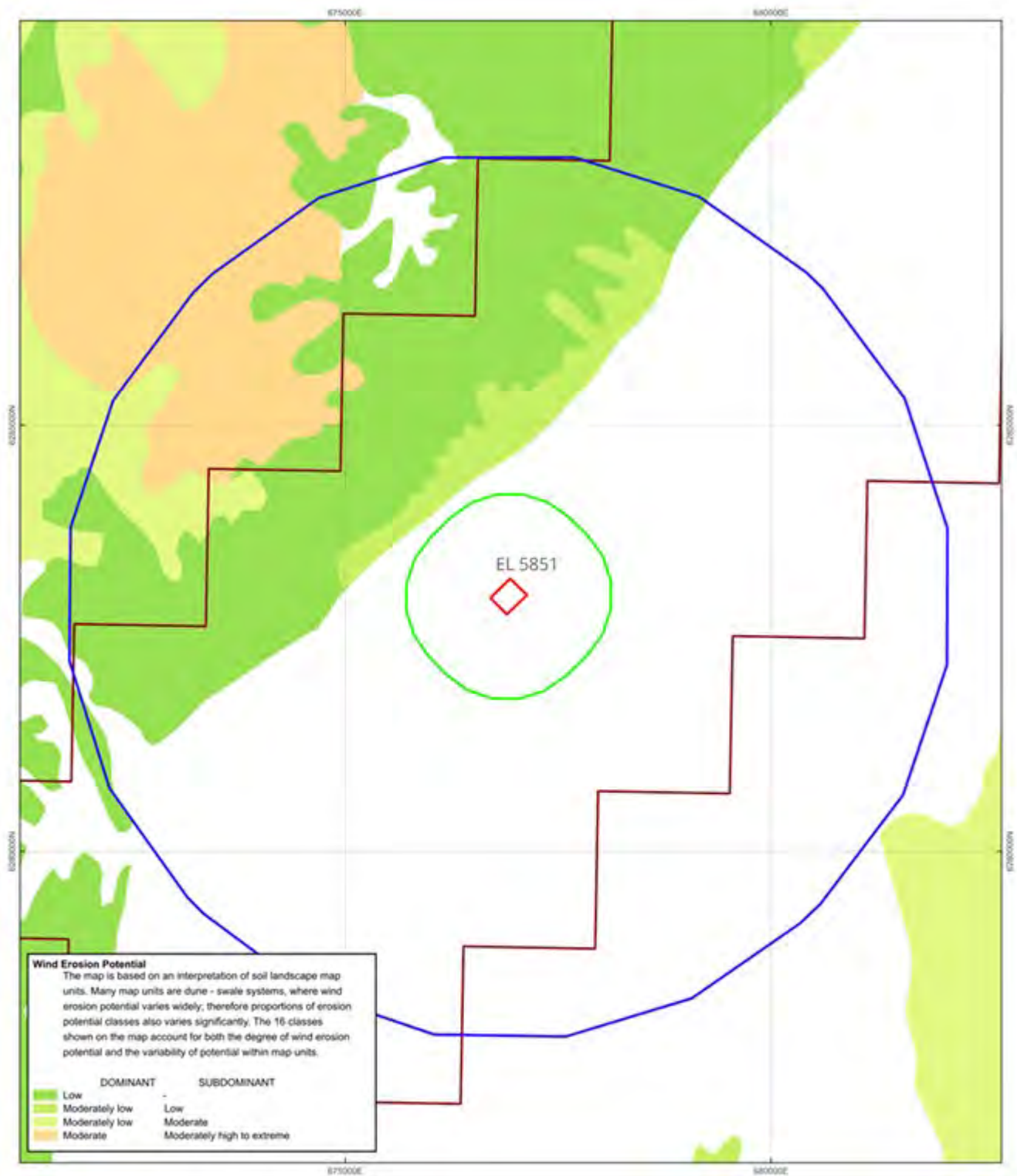
DATE: 24 DECEMBER 2024

Author: LJR

EPSG: 7853, Projection: GDA2020 / MGA zone 53



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Clients
 LML
 Minbrie

Minbrie Exploration Areas:
 - Minbrie_Exploration_Area_5km (Blue outline)
 - Minbrie_Exploration_Area_10km (Red outline)
 - Minbrie_Exploration_Area_1km (Green outline)

Tenements:
 - Exploration Licences - Mineral or Opal (Red outline)
 - Dragon Resource Investment Pty Ltd, Lincoln Minerals Limited (Red outline)

**Minbrie EPEPR
 Wind Erosion Potential**

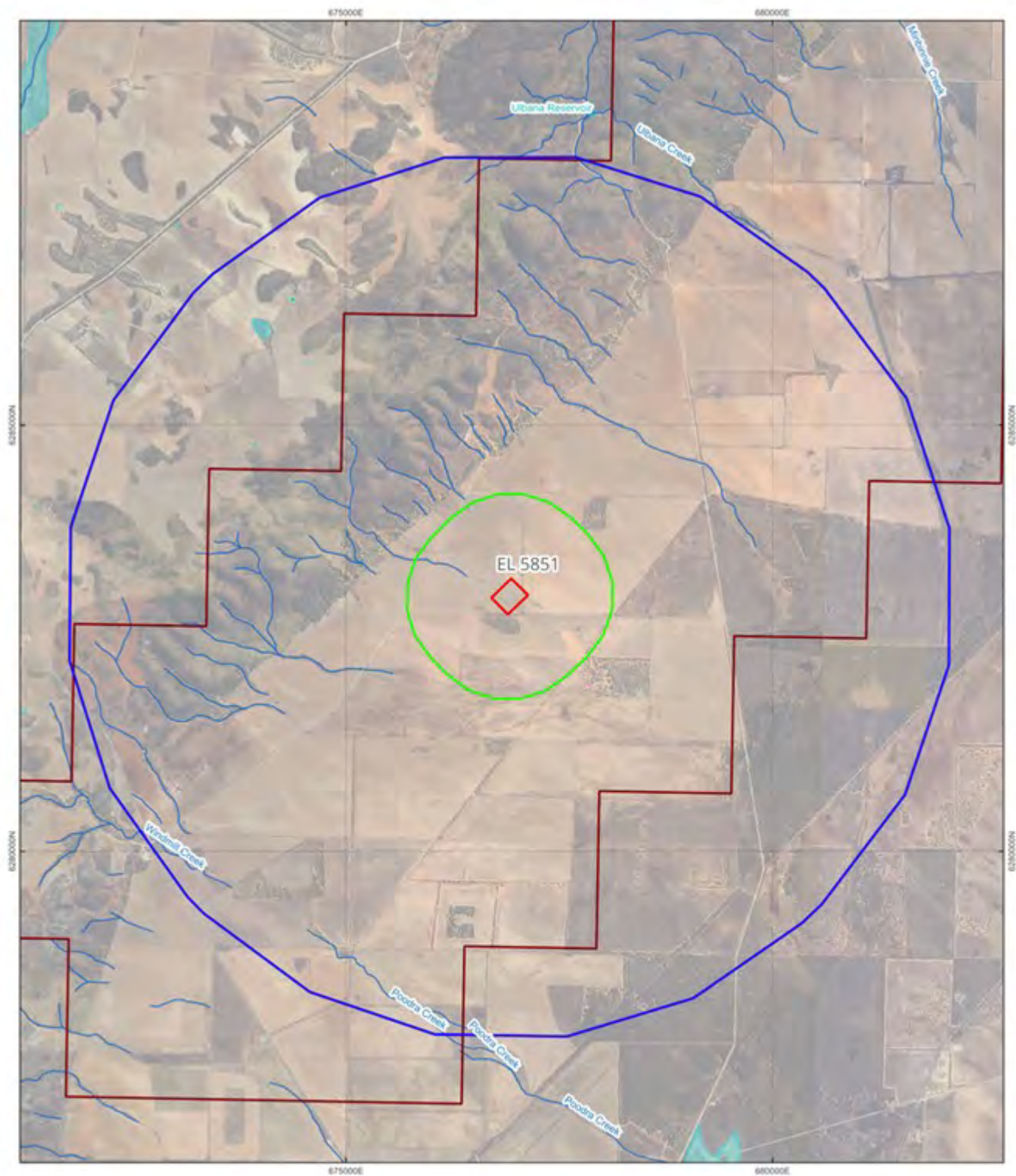
DATE: 24 DECEMBER 2024
 Author: LR
 EPSG:7853; Projection: GDA2020 / MGA zone 53

Scale 1:57,482

0 0.5 1 1.5 2 2.5 km

N

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LML

Minbie

- ▭ Minbie_Exploration_Area
- Minbie_Exploration_Area_1km
- ▭ Minbie_Exploration_Area_5km
- ▭ Minbie_Exploration_Area_10km

Tenements

Exploration Licences - Mineral or Opal

- ▭ Dragon Resource Investment Pty Ltd, Lincoln Minerals Limited

Environmental

- Watercourses
- ▭ Waterbodies

Base Layers

Google Satellite

Minbie EPEPR Watercourses

DATE: 24 DECEMBER 2024

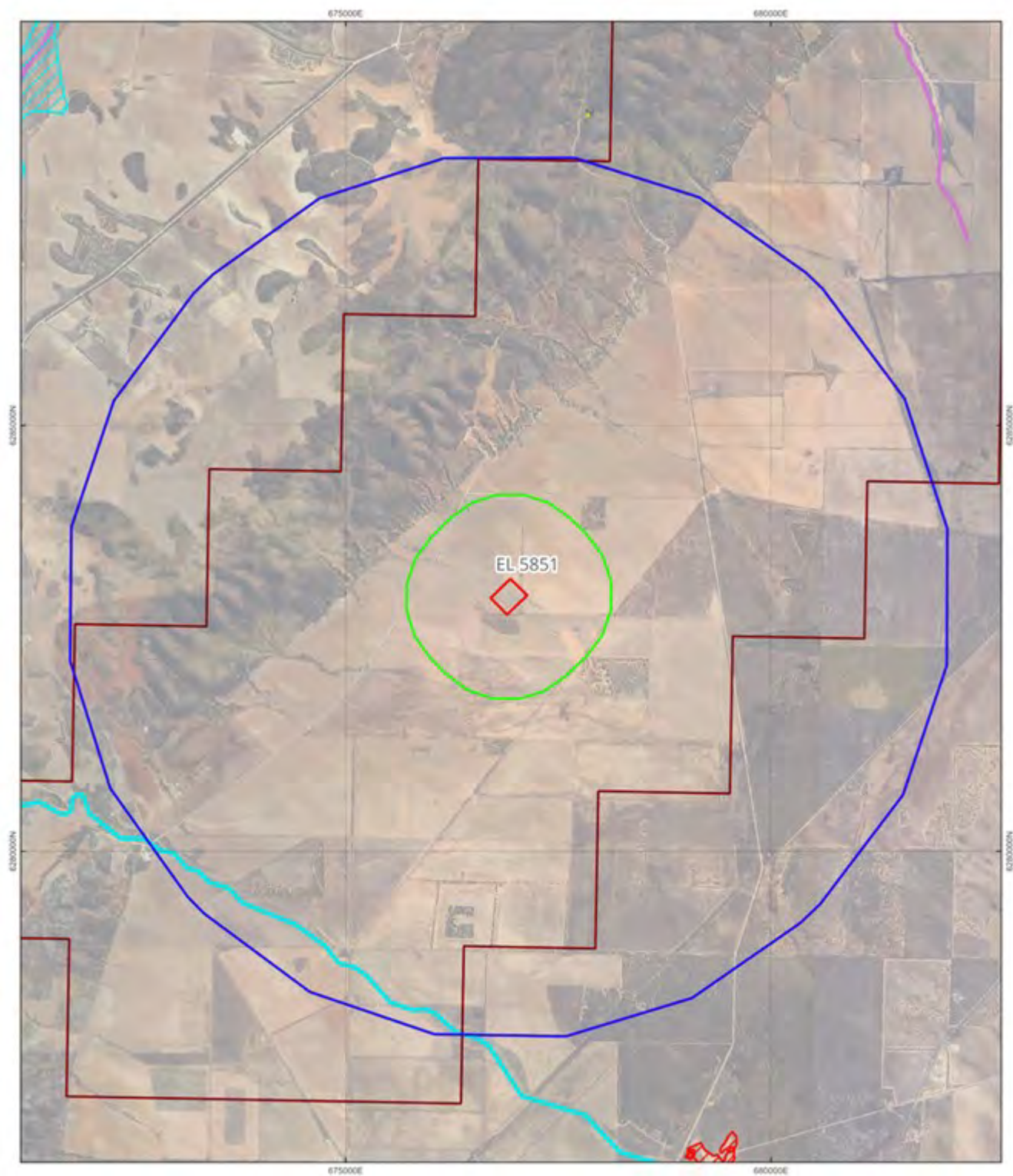
Author: LR

EPSC:7853, Projection: GDA2020 / MGA zone 53

0 0.5 1 1.5 2 2.5 km

Scale 1:57,482

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Clients

LML

Minbrie

- Minbrie_Exploration_Area
- Minbrie_Exploration_Area_1km
- Minbrie_Exploration_Area_5km
- Minbrie_Exploration_Area_10km

Tenements

Exploration Licences - Mineral or Opal

- Dragon Resource Investment Pty Ltd, Lincoln Minerals Limited

Environmental

Groundwater Dependent Ecosystems

Spencer Gulf

Aquatic

- High potential GDE - from national assessment
- Moderate potential GDE - from national assessment
- Low potential GDE - from national assessment
- Unclassified potential GDE - from regional studies

Base Layers

Google Satellite

Minbrie EPEPR Aquatic Groundwater Dependent Ecosystems

DATE: 24 DECEMBER 2024

Author: LML

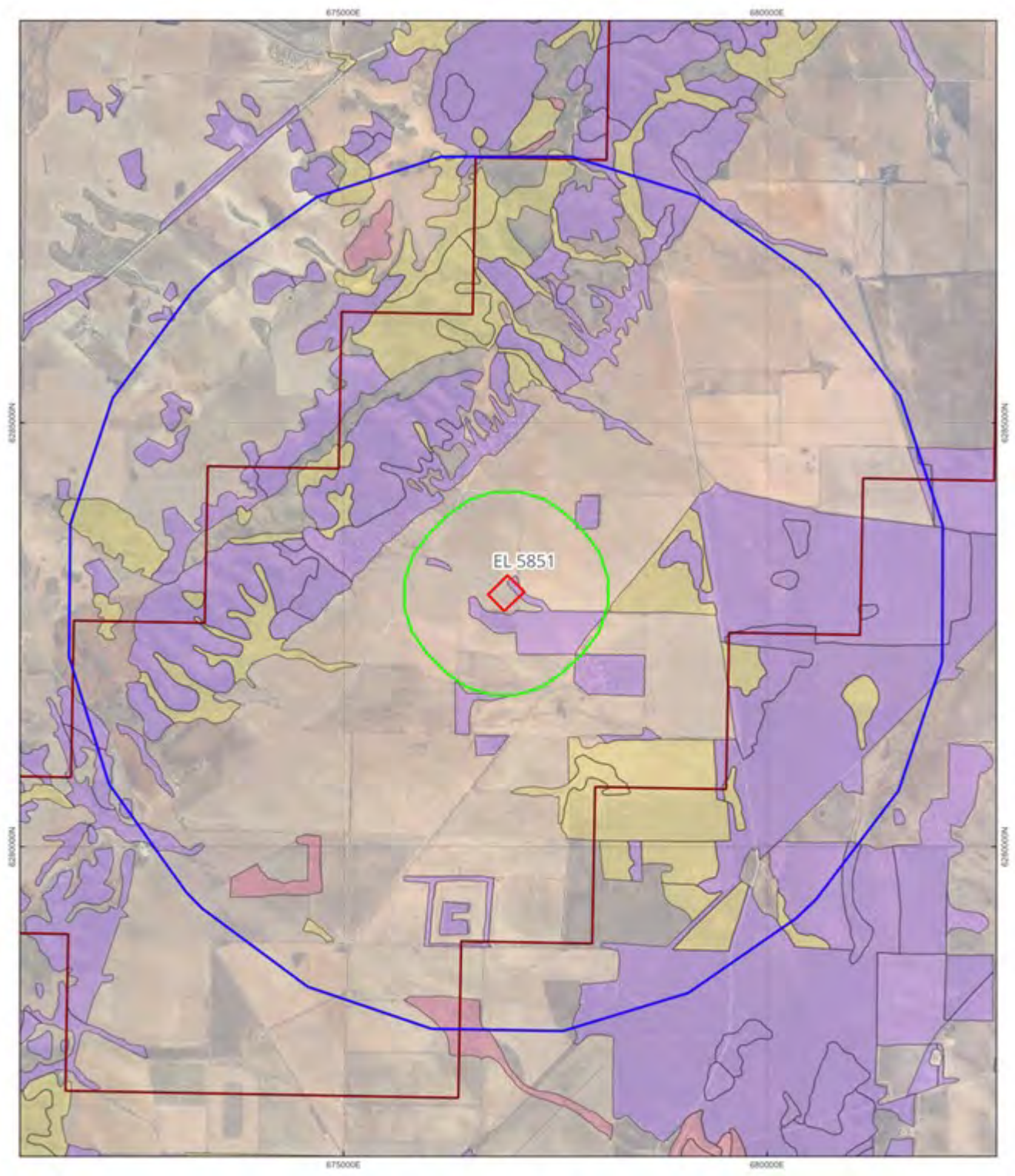
EPSC 7953; Projection: GDA2020 / MGA zone 53



0 0.5 1 1.5 2 2.5 km

Scale 1:57,482

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- Clients**
LML
Minbrie
 Minbrie_Exploration_Area
 Minbrie_Exploration_Area_1km
 Minbrie_Exploration_Area_5km
 Minbrie_Exploration_Area_10km
Tenements
 Exploration Licences - Mineral or Opal
 Dragon Resource Investment Pty Ltd, Lincoln Minerals Limited

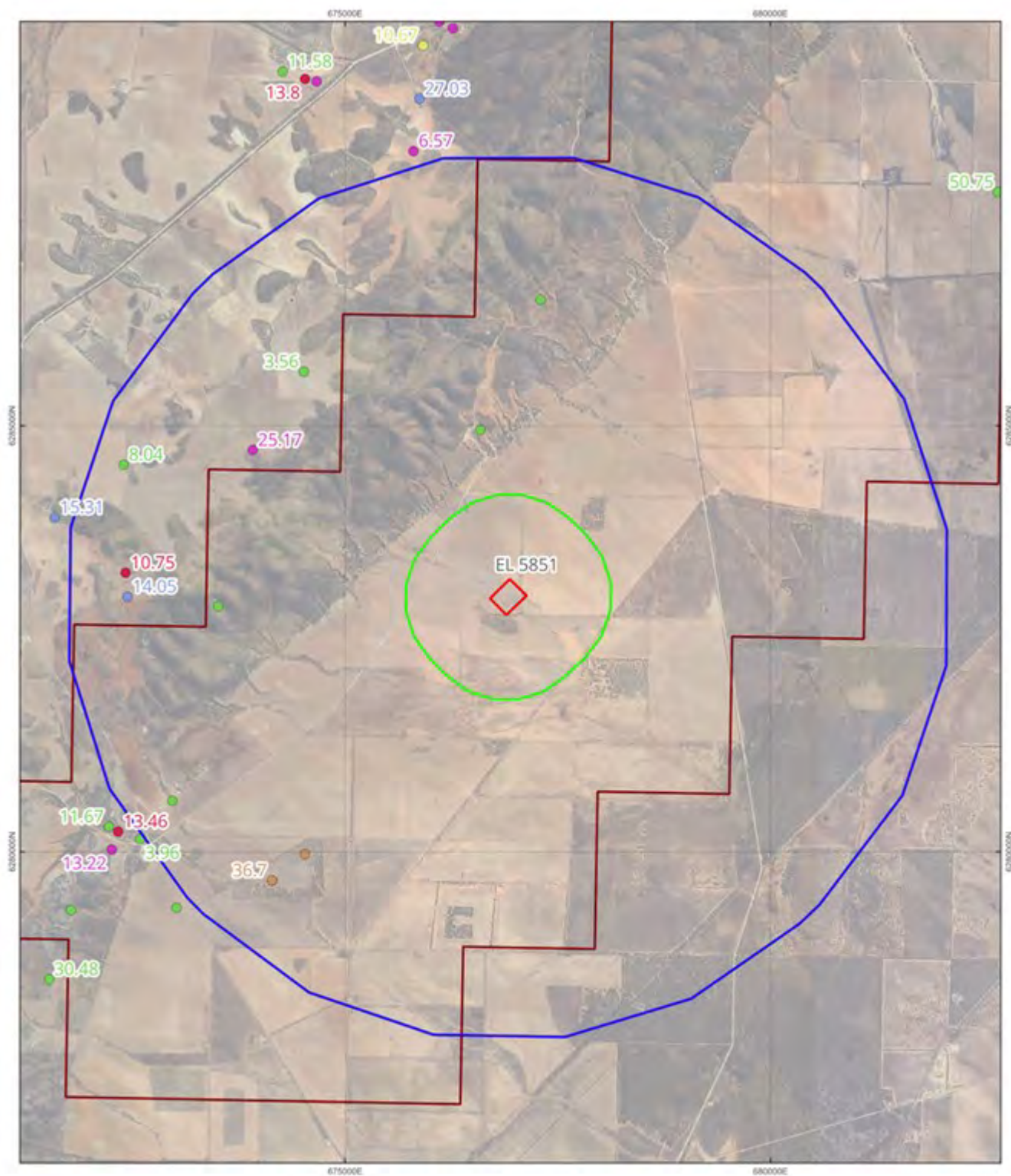
- Environmental**
Groundwater Dependent Ecosystems
Spencer Gulf
Terrestrial
 High potential GDE - from national assessment
 Moderate potential GDE - from national assessment
 Low potential GDE - from national assessment
Base Layers
 Google Satellite

Minbrie EPEPR
Terrestrial Groundwater Dependent Ecosystems

DATE: 24 DECEMBER 2024
 Author: LR
 EPSG:7853, Projection: GDA2020 / MGA zone 53

0 0.5 1 1.5 2 2.5 km
 Scale 1:57,482

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Clients

LML

Minbie

- Minbie_Exploration_Area
- Minbie_Exploration_Area_1km
- Minbie_Exploration_Area_5km
- Minbie_Exploration_Area_10km

Tenements

- Exploration Licences - Mineral or Opal
- Dragon Resource Investment Pty Ltd, Lincoln Minerals Limited

Environmental

Minbie_Wells_10km_radius

- DOM
- DOMOBS, STK
- DOMSTK
- INV
- OBSSTK
- STK

Base Layers

Google Satellite

Minbie EPEPR Water Wells Standing Water Level

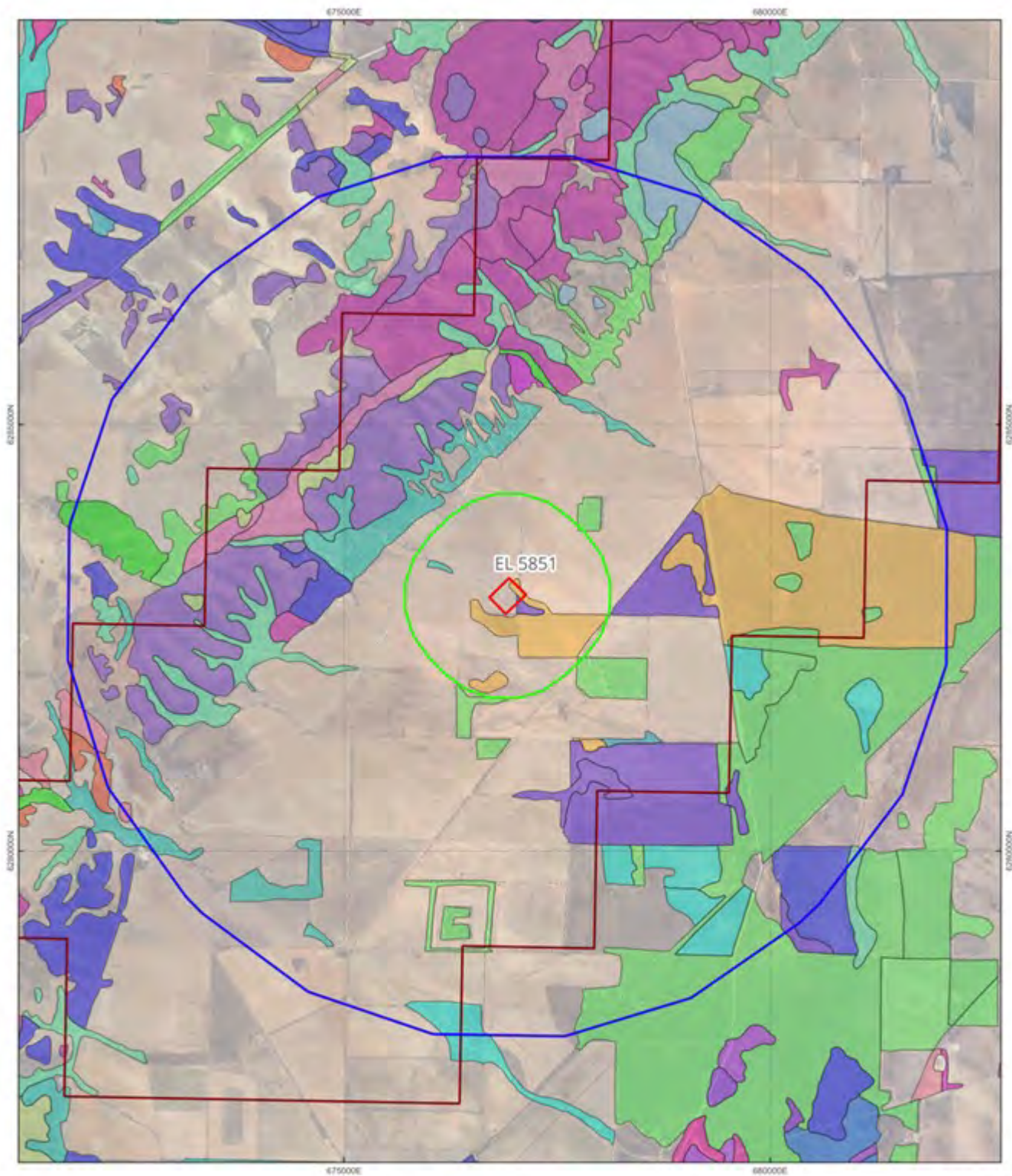
DATE: 24 DECEMBER 2024

Author: LPL

EPSSG 7853; Projection: GDA2020 / MGA zone 53



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Clients

LML

Minbrie

- Minbrie_Exploration_Area
- Minbrie_Exploration_Area_1km
- Minbrie_Exploration_Area_5km
- Minbrie_Exploration_Area_10km

Tenements

Exploration Licences - Mineral or Opal

- Dragon Resource Investment Pty Ltd, Lincoln Minerals Limited

Environmental

VEG_SAVegetation_GDA2020

- EP0901

- EP1201
- EP1301
- EP1401
- EP1602
- EP2101
- EP2201
- EP2401
- EP2402
- EP2404
- EP3401
- EP3501
- EP3602
- EP3901
- EP4601
- GR0002

- MM0801
- MM0901
- MM2802
- MM3301
- MN0301
- MN0304
- MN2505
- MN2801
- MN3103
- MN6001
- YE0003

Base Layers

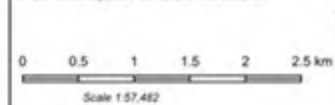
Google Satellite

Minbrie EPEPR Vegetation

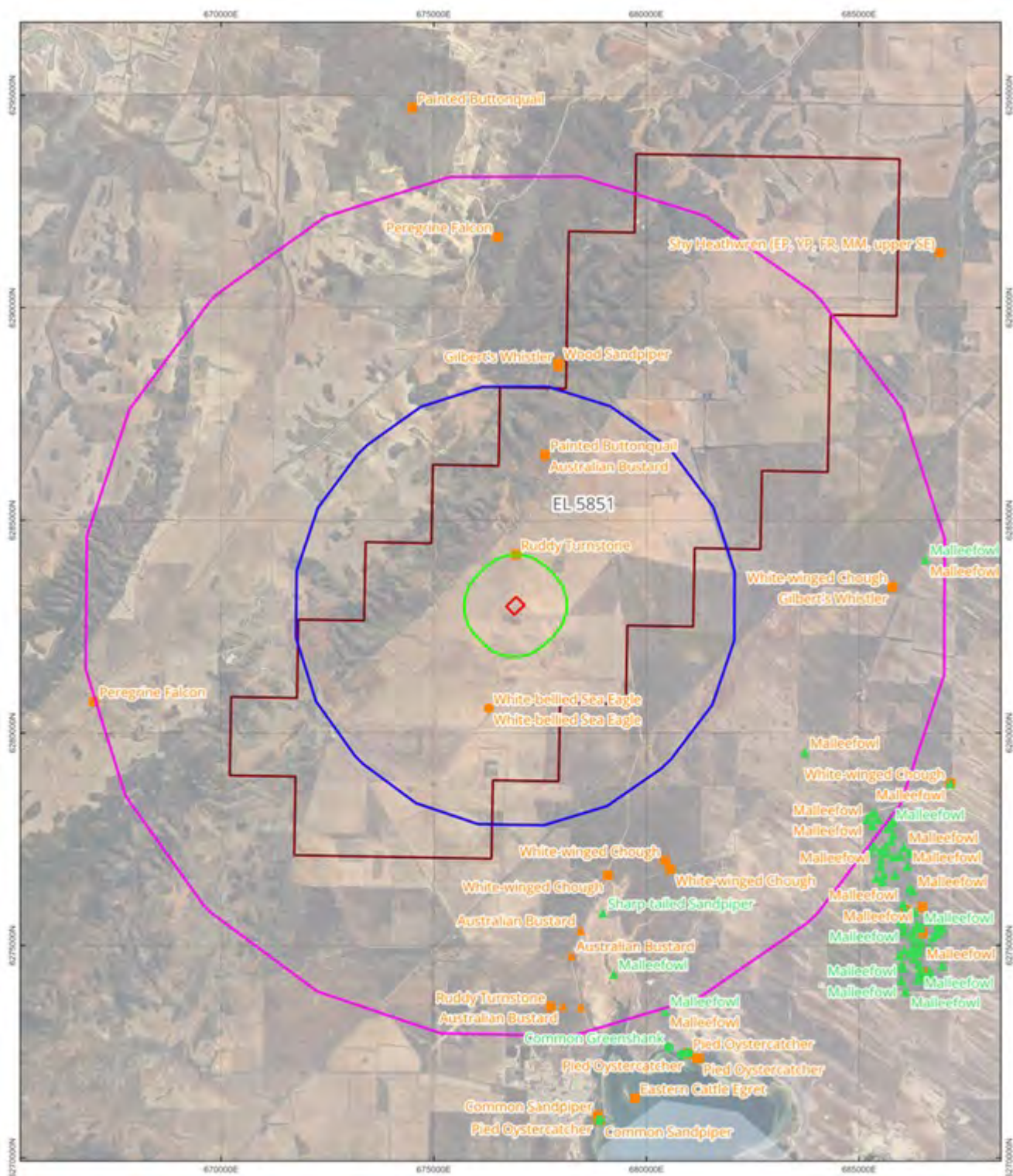
DATE: 24 DECEMBER 2024

Author: LRL

EPSG: 7853, Projection: GDA2020 / MGA zone 53



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Clients

LML

Minbrie

- Minbrie_Exploration_Area
- Minbrie_Exploration_Area_1km
- Minbrie_Exploration_Area_5km
- Minbrie_Exploration_Area_10km

Tenements

Exploration Licences - Mineral or Opal

- Dragon Resource Investment Pty Ltd, Lincoln Minerals Limited

Environmental

Mibrie

Minbrie_Nationally_Rated_Fauna

- EN
- VU

Minbrie_State_Rated_Fauna_Sit

- E
- V
- R

Base Layers

World_bathymetry_merged

- no 10m bathymetry_L_0

Google Satellite

Minbrie EPEPR Significant Fauna

DATE: 24 DECEMBER 2024

Author: LR

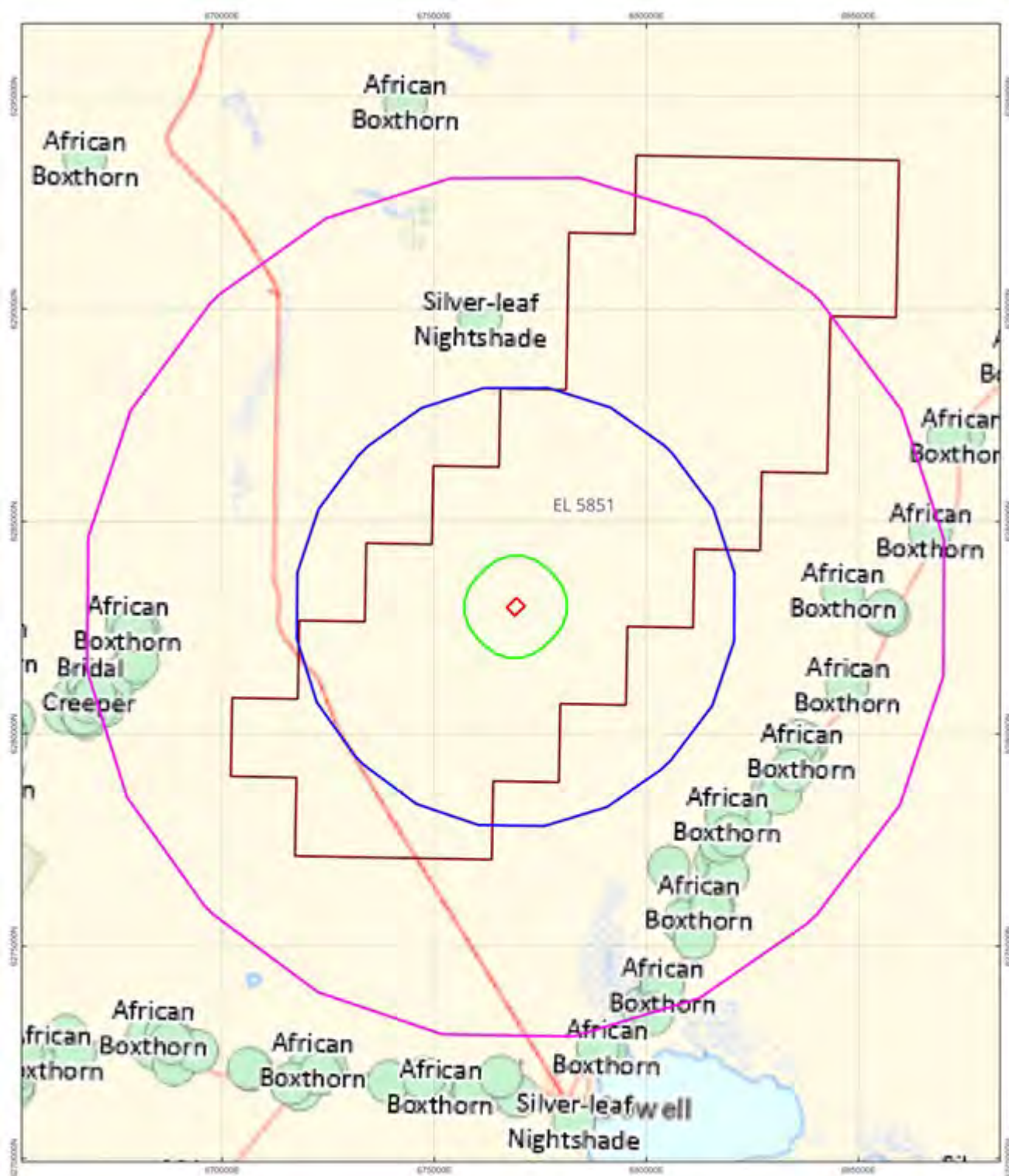
EPSG:7853, Projection: GDA2020 / MGA zone 53

Scale 1:114,964

0 1 2 3 4 5 km

Scale 1:114,964

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Clients

LML

Minbie

- Minbie_Exploration_Area
- Minbie_Exploration_Area_1km
- Minbie_Exploration_Area_5km
- Minbie_Exploration_Area_10km

Tenements

- Exploration Licences - Mineral or Opal
- Dragon Resource Investment Pty Ltd, Lincoln Minerals Limited

Environmental

Minbie Weeds of National Significance

- Band 1 (Red)
- Band 2 (Green)
- Band 3 (Blue)

Base Layers

- World_bathymetry_merged
- ne_10m_bathymetry_L_0
- Google Satellite

Minbie EPEPR Weeds of National Significance

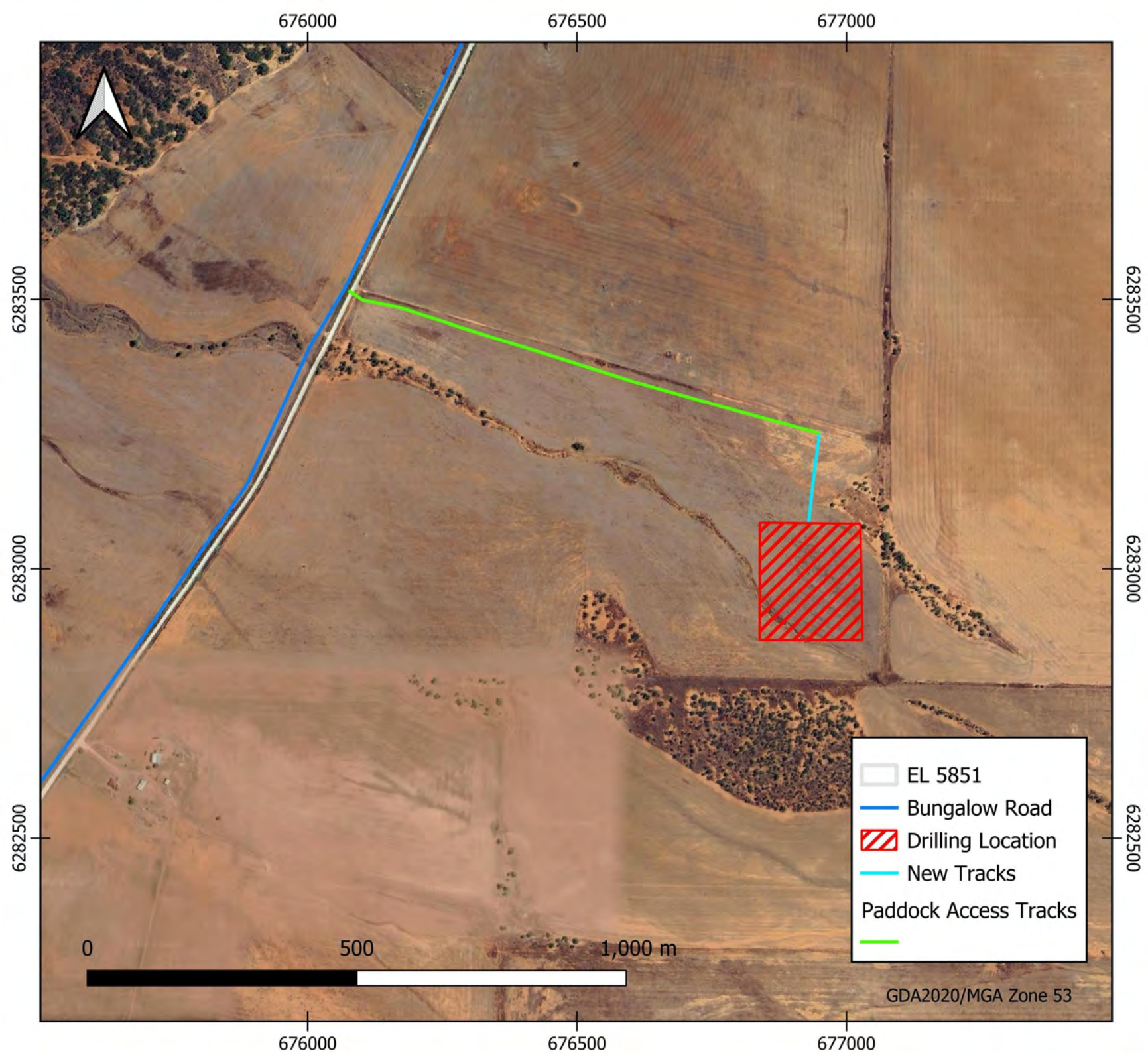
DATE: 02 JANUARY 2025
Author: LR
EPSG:7853, Projection: GDA2020 / MGA zone 53

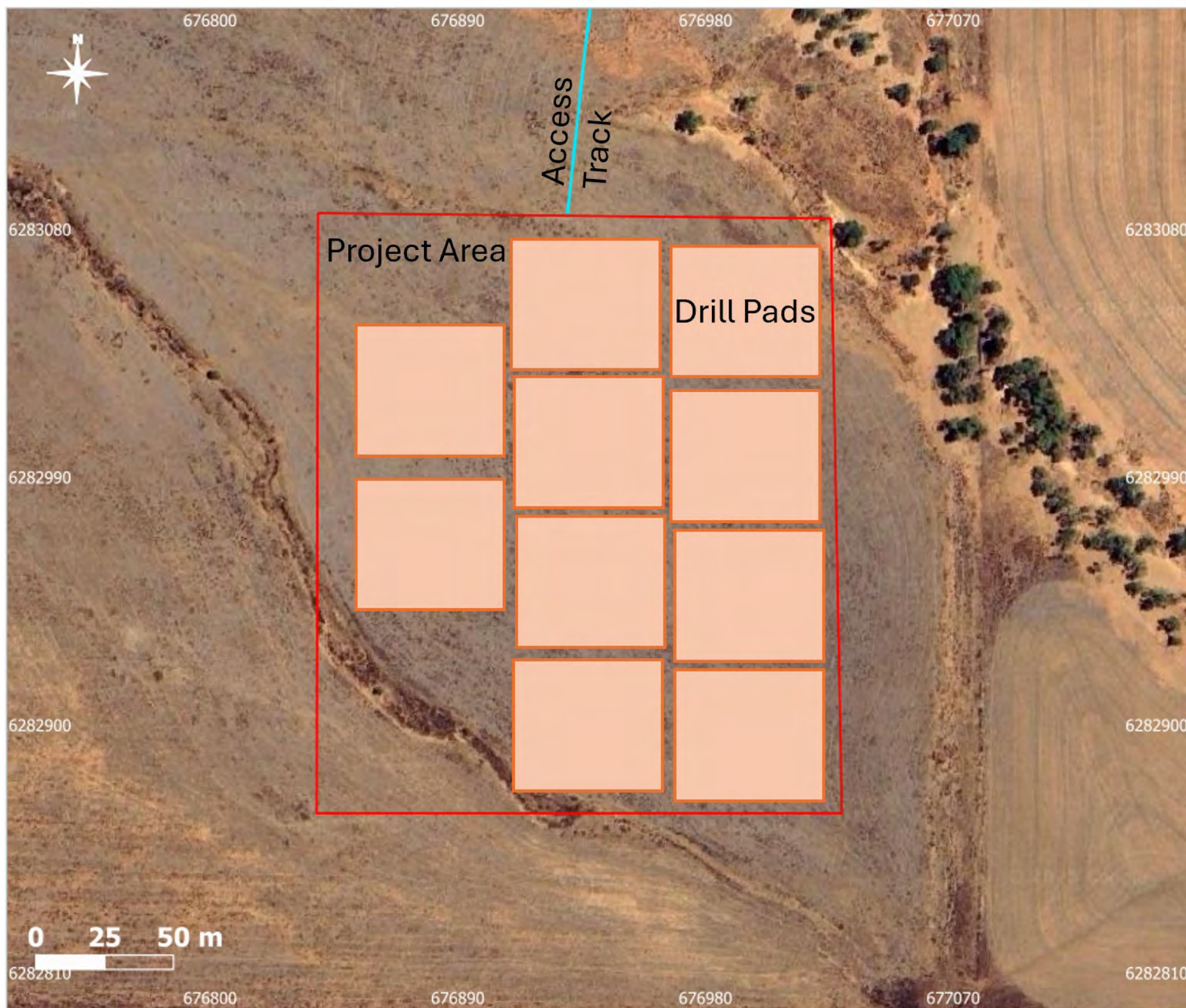
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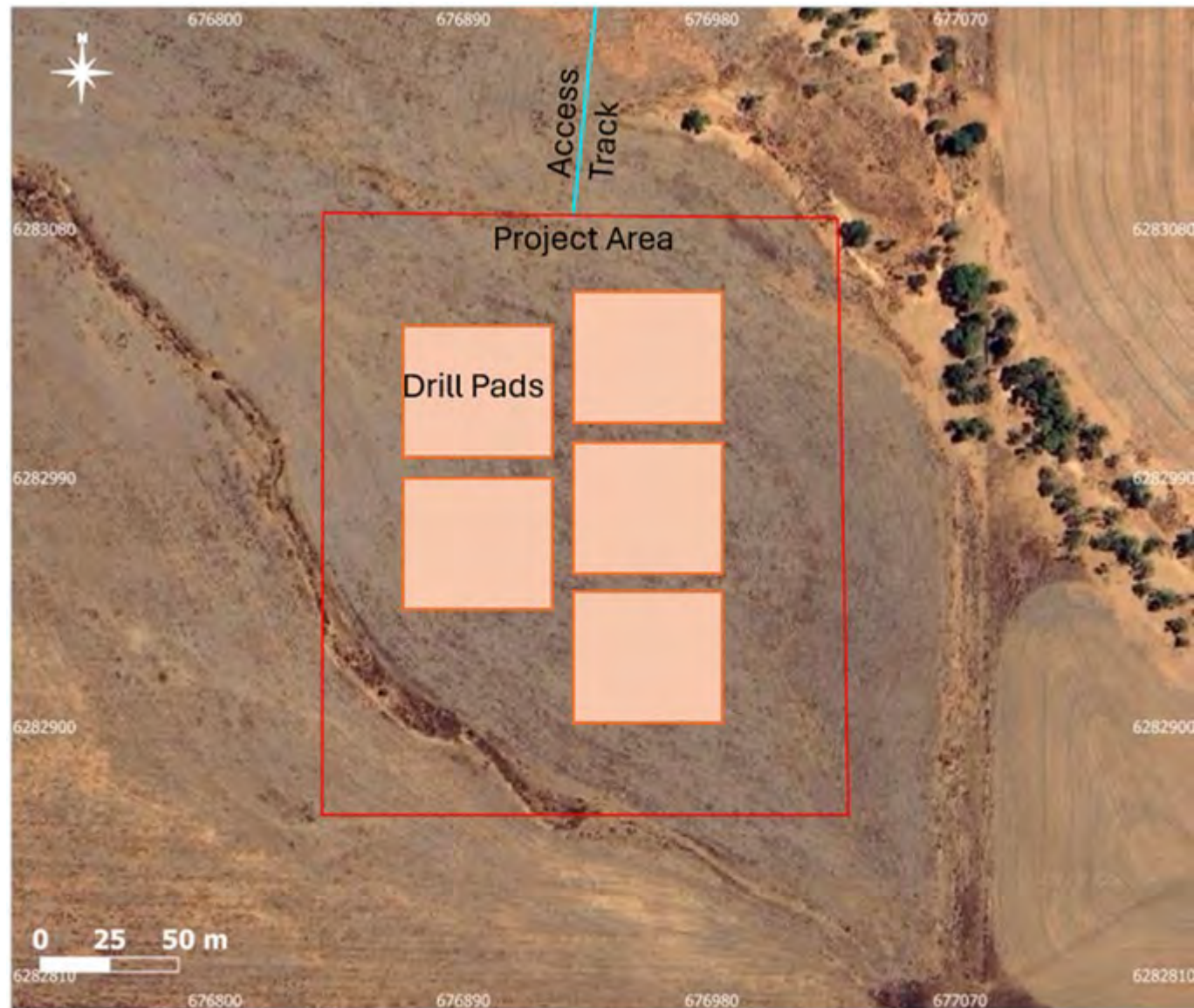
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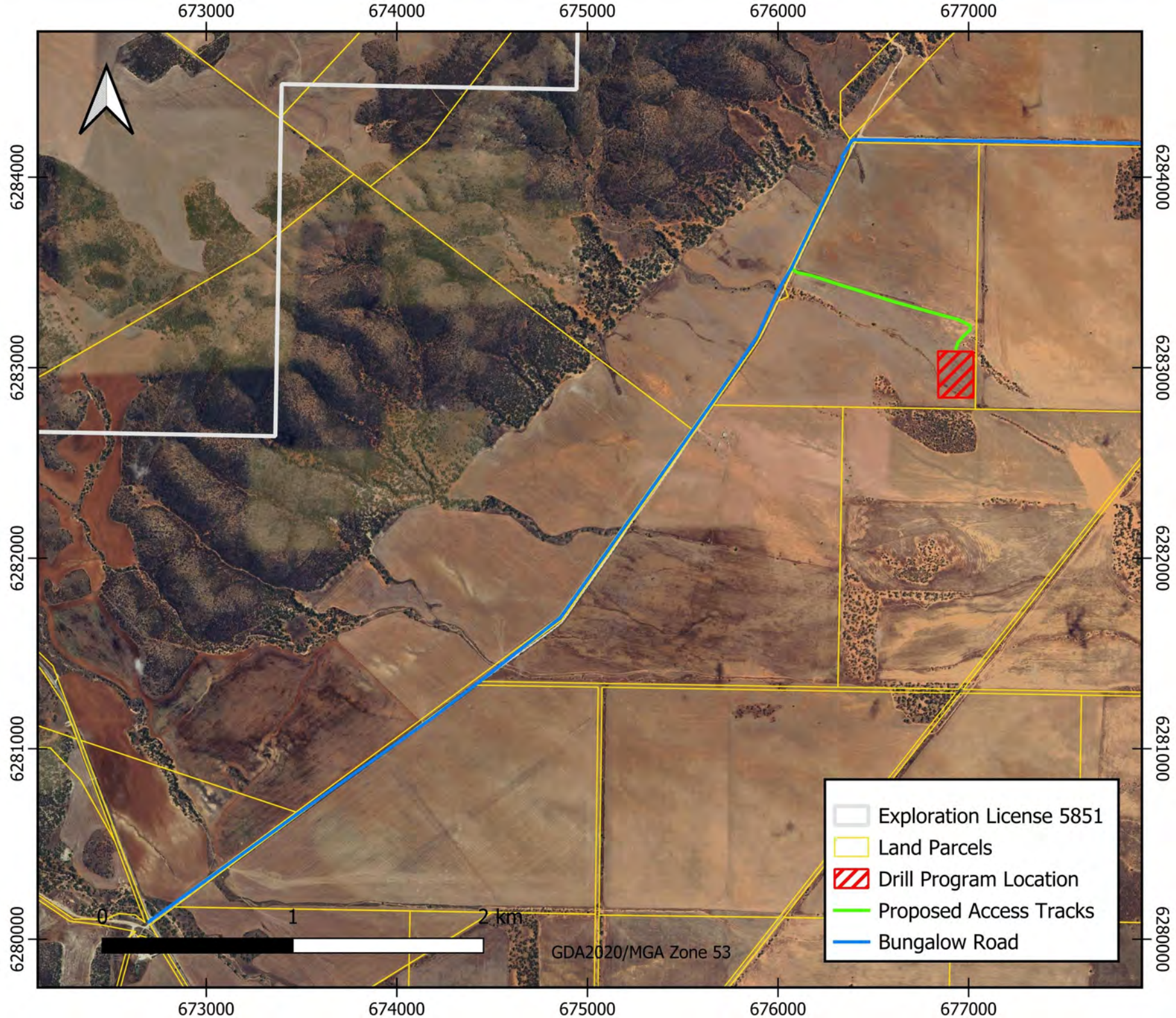
Site identification	Date taken	Photo number & PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Details and Comments
Bungalow Road	02/08/2025	5 Section D Access Routes to Work Areas	672728.04 (Approximate centre of frame)	6280106.18 (Approximate centre of frame)	53	Bungalow road access off main highway Cowell-Kimba Road





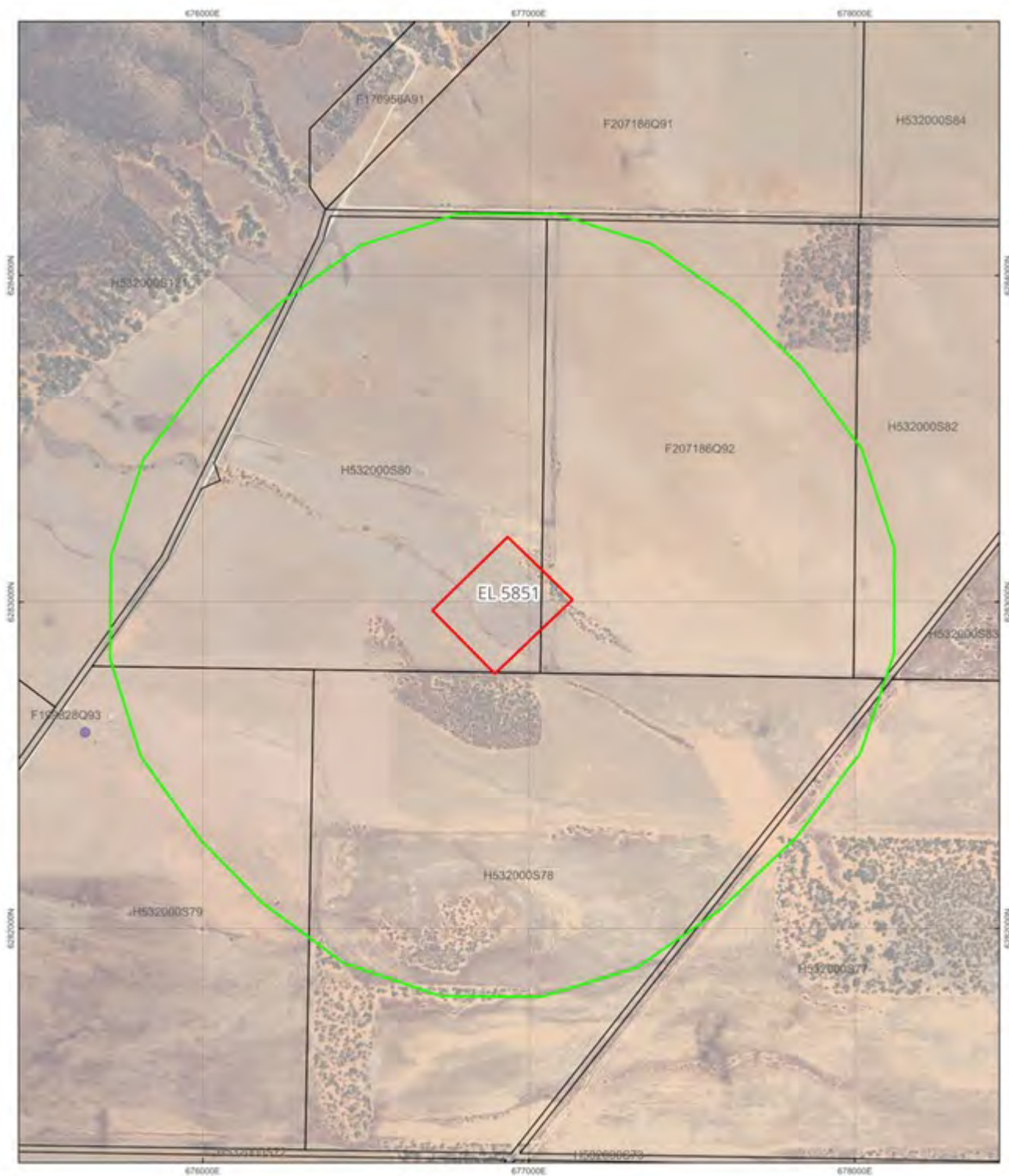






Site identification	Date taken	Photo number & PEPR section reference	Easting (GDA94)	Northing (GDA94)	Zone	Details and Comments
Paddock Access	02/08/2025	6 Section D Access Route to Work Areas	676061.5 (Approximate centre of frame)	6283429.9 (Approximate centre of frame)	53	Paddock access off Bungalow Road to drill site. Smooth access, no gates or fences.





Clients

LML

Minbrie

- Minbrie_Houses
- Minbrie_Exploration_Area
- Minbrie_Exploration_Area_1km
- Minbrie_Exploration_Area_5km
- Minbrie_Exploration_Area_10km

Tenements

Exploration Licences - Mineral or Opal

Dragon Resource Investment Pty Ltd, Lincoln Minerals Ltd

Cadastral

SA_parcel_cadastral

Certificate of Title (freehold)

Base Layers

Google Satellite

Minbrie EPEPR Cadastral

DATE: 24 DECEMBER 2024

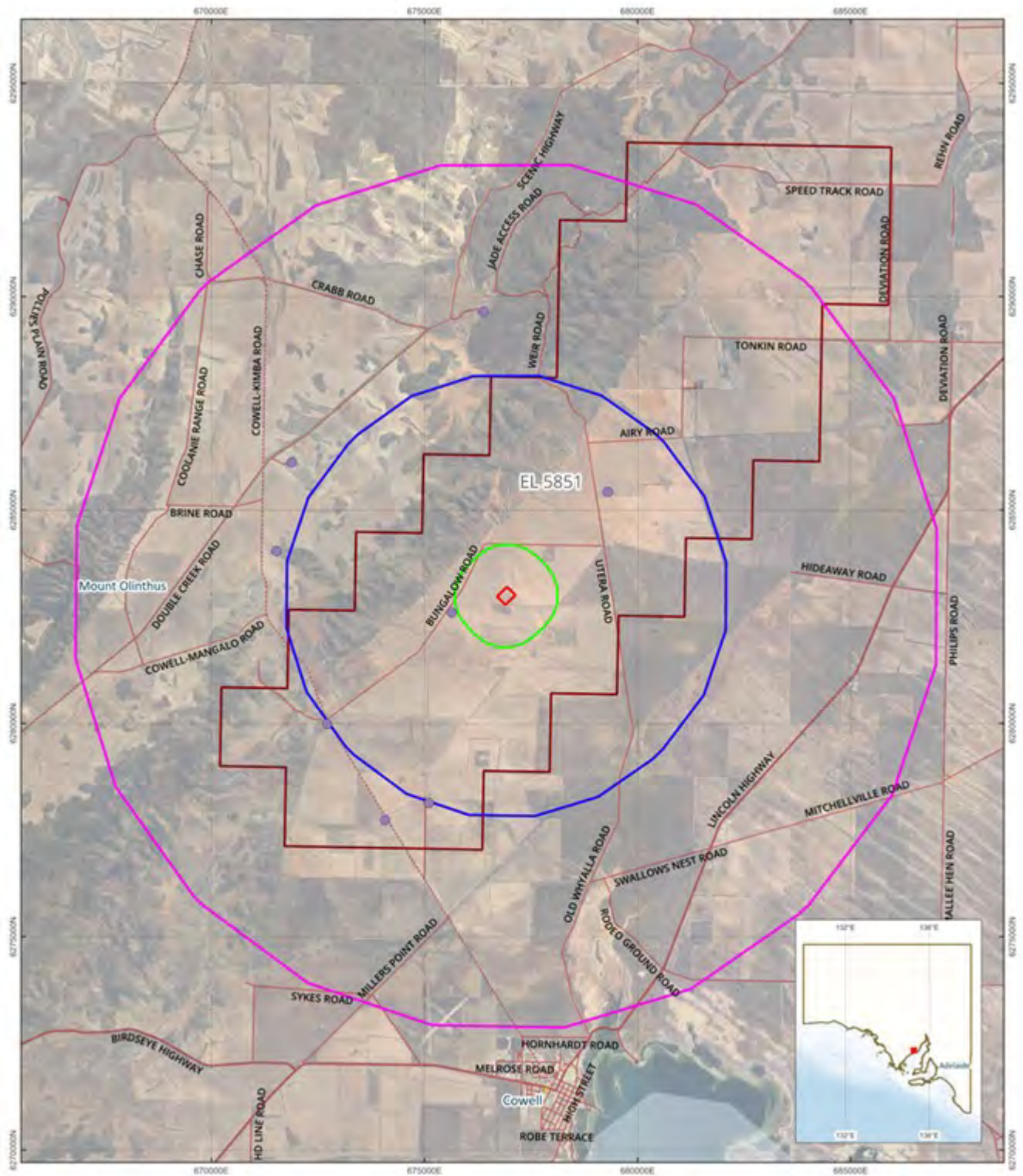
Author: LR

EPSG:7853, Projection: GDA2020 / MGA zone 53

0 0.1 0.2 0.3 0.4 0.5 km

Scale 1:15,000

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Clients

LML

Minbrie

- Minbrie_Houses
- Minbrie_Exploration_Area
- Minbrie_Exploration_Area_1km
- Minbrie_Exploration_Area_5km
- Minbrie_Exploration_Area_10km

Tenements

- Exploration Licences - Mineral or Opal
- Dragon Resource Investment Pty Ltd, Lincoln Minerals Limited

Topographic

Towns & localities

4

5

Roads

Arterial

COLL

LOCL

Minor

Base Layers

World_bathymetry_merged

ne_10m_bathymetry_L_0

Google Satellite

Minbrie EPEPR Location

DATE: 24 DECEMBER 2024

Author: LR

EPSG:7853; Projection: GDA2020 / MGA zone 53

Scale: 1:114,964

0 1 2 3 4 5 km

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