

12 May 2026

Ms Bronwyn Robertson
Sinosteel Uranium SA Pty Ltd
115 Grenfell Street
ADELAIDE SA 5000

Via email: brobertson@sinosteelsa.com.au

Dear Ms Robertson

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

In reference to your final submission dated 14 April 2026, the EPEPR has been approved pursuant to section 70C(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	Sinosteel Uranium SA Pty Ltd
Tenement Type & Number	Exploration License EL5834, EL6373, EL6440
Program Number	EPR-04093 review
EPEPR Description	A time extension due to ongoing delays to access caused by abnormal weather events, priority work on advanced projects. Addition of Low impact Geophysics with access as for Geological mapping/sampling/drone flights.

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.

MINERALS REGULATION



1	<p>PEPR Conditions</p> <p>In accordance with section 70B(7a)(b) of the Mining Act, the approved EPEPR is subject to the conditions listed in the Notice of Approval Conditions – EP-04093. (Appendix 1)</p>
2	<p>Public Liability Insurance</p> <p>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(s).</p>
3	<p>Compliance Reporting</p> <p>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.</p> <p>You are reminded that a separate compliance report is required 2 months after the expiry or surrender of the EL.</p>
4	<p>Work, Health and Safety Compliance</p> <p>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.</p>
5	<p>EPEPR Timeframe</p> <p>The EPEPR Review is approved for a period of twelve months from 9 April 2026 to 8 April 2027. A further 3 months after expiry of the 12-month period is provided to complete all rehabilitation.</p>

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:

MINERALS REGULATION

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



General enquiries	Jason Perry Senior Assessment Officer, Exploration Regulation DEM.exploration@sa.gov.au
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Yours sincerely

A handwritten signature in black ink, appearing to read 'SC'.

Simon Constable
DIRECTOR, MINERALS REGULATION
In accordance with delegated powers and functions

1. Appendix 1

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



Appendix 1

Notice of Approval Conditions - EP-04093

In accordance with section 70B(7a)(b) of the *Mining Act 1971*, EP-04093 is approved subject to the following conditions:

Notice of Approval Conditions – EP-04093	
1	The Department for Environment and Water (DEW) District Ranger must be kept informed of the progress of the approved EPEPR and consulted to ensure that particular concerns and regulations for the Park are met.
2	<p>Prior to entering the Bimbowrie Conservation Park to conduct exploration operations the Department for Energy and Mining and DEW must be notified. A completed copy of the <u>“Park Access” form</u> must be emailed to the DEW office, at least two weeks prior to entry and sent to the contacts listed below:</p> <p>a. DEW Adelaide Office - Attn. Coordinator - Conservation and Mining, email: DEWMiningReferrals@sa.gov.au</p> <p>b. Mineral Exploration Branch – Attn: Exploration Regulation, email: DEM.exploration@sa.gov.au</p>

MINERALS REGULATION

Exploration PEPR - EPEPR | 12 Month PEPR Review

Reference Number: **EPR-04093** • Status: **Assessment**

Select Applicable PEPR

Is historical?

No Yes

Previous PEPR ID

EPEPR2024-001

Search PEPRs

—

Applicant and General Details

Applicant Details

Anna Mayo

Full Name *

Anna Mayo

Business Phone

0421 723 855

Mobile Phone

0421 723 855

Email *

amayo@sinosteelsa.com.au (mailto:amayo@sinosteelsa.com.au)

Project Supervisor

Anna Mayo

General Details

Tenement Details *

Tenement Type	Tenement Name	Tenement Holder
Exploration Licence	EL 5834	Sinosteel Uranium SA Pty Ltd
Exploration Licence	EL 6440	Sinosteel Uranium SA Pty Ltd
Exploration Licence	EL 6373	Sinosteel Uranium SA Pty Ltd

Operating Company

Sinosteel Uranium SA Pty Ltd

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

Conduct low impact and preliminary exploration in 4 areas of Bimbowrie CP

Mineral Model

The southern Curnamona Province is recognised as prospective for stratiform Pb-Zn-Ag, stratiform Zn-Pb, strata bound Cu-Au, iron oxide copper gold (IOCG), hard rock uranium, and banded iron formations. Previous exploration programs and data interpretation have identified prospective targets across the Kalabity, Bimbowrie and Outalpa tenements.

Primary Commodities *

Commodity Name ↑	Commodity Group	Grade
Cobalt	Exploration	
Copper	Exploration	
Gold	Exploration	
Iron Ore - Magnetite	Exploration	

Secondary Commodities

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

Project Description

Preliminary exploration activities are planned to be completed in 4 areas of the Bimbowrie Conservation Park, in the Olary district, SA (Project Area, Figure 1). Planned activities meet the DEM definition of 'low impact' reconnaissance and preliminary groundwork including:

- Geological mapping, investigation, and surface sampling (hand-held XRF and vegetation) – by light vehicle 4WD following existing roads, tracks, and fence lines, then on foot.
- Drone flights – by light vehicle along existing roads and tracks to an appropriate launch pad.
- Low impact Geophysics (Fixed loop EM and IP) - by light vehicle 4WD following existing roads, tracks, and fence lines, then on foot.

All activities will follow the DEM generic PEPR guidelines and will ensure no significant or lasting impact on the area.

Proposed Project Schedule

Start Date

01/05/2026

End date

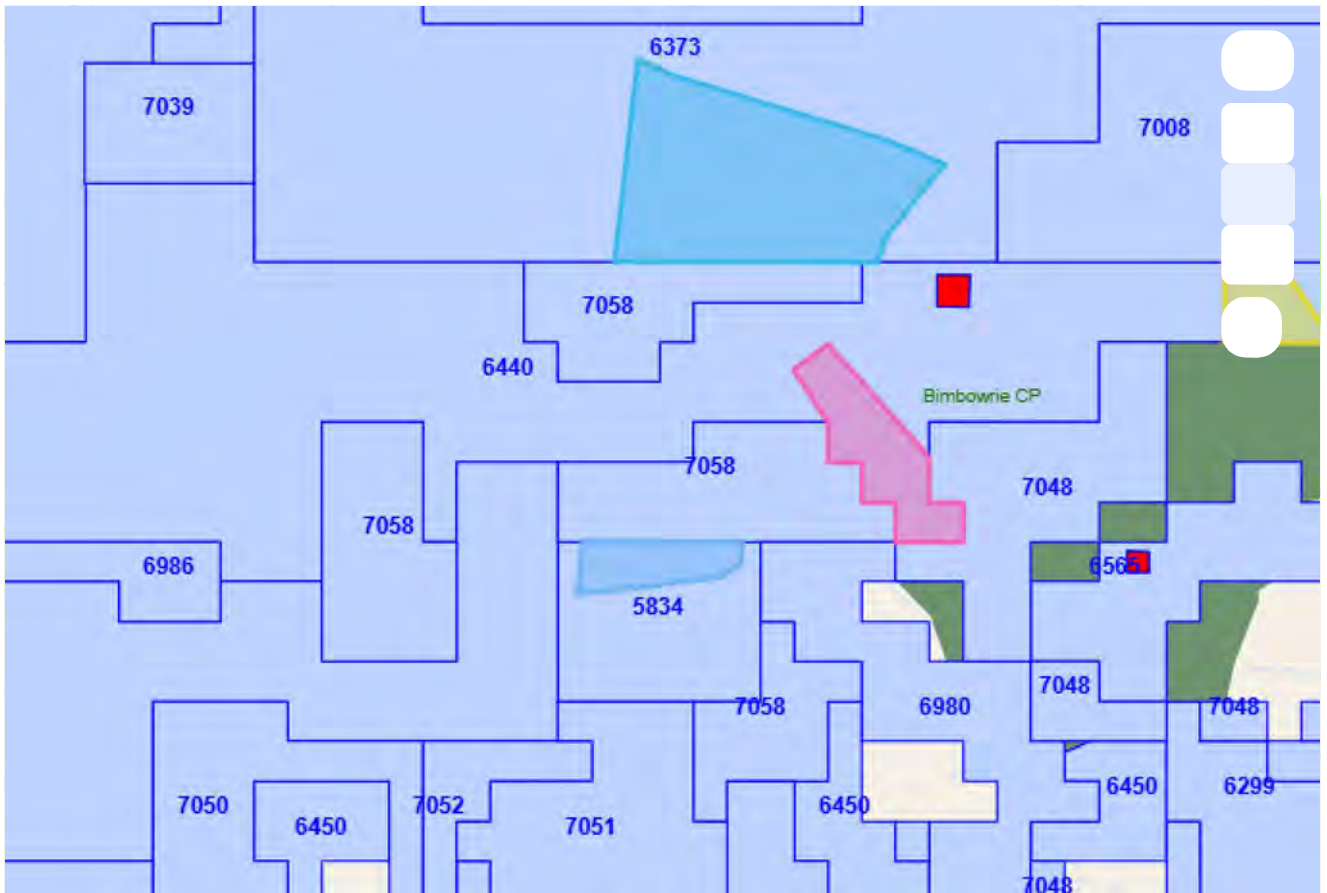
30/04/2027

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.

A time extension is requested to deal with ongoing delays to access caused by abnormal weather events, priority work on advanced projects, and staffing issues. A 12 month extension will be sufficient to deal with these issues and no other changes to the PEPR will be necessary.

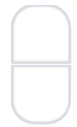
An addition of a type of groundwork: Low impact Geophysics (Fixed loop EM and IP) with access as for Geological mapping/sampling/drone flights i.e. by light vehicle 4WD following existing roads, tracks, and fence lines, then on foot.

Identify Application Area



Maptaskr © 2026 10 km -32.159210, 139.760461

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



Map Layer Intersects

Application Area Details

Location Description

4 areas of interest, approximately 35km north of Olary in Bimbowrie Conservaion Park

Area (Sqkm)

153.17

Spatial Data Intersects - Summary Table

Show entries

Search:

Spatial Layer Name	Category	Referral	Intersect Count
1:250K mapsheets	Other		5
Cadastral Parcels	Other		6
Determinations of Native Title	Other		4

Spatial Layer Name	Category	Referral	Intersect Count
Exploration licences (mineral/opal)	No-Go Area		6
Geological Monuments (e.g. fossil reserve)	Other	Yes - Advice	1
Mineral and Opal Exploration Licence Applications	No-Go Area		1
Pastoral Lease Boundaries	Other		7
Planning and Design Code Zones - conservation	Other		4
Restricted mineral exploration or production (parks and reserves)	Restricted Land	Yes - Approval	4
Terrestrial - BOM Groundwater Dependant Atlas (GDE Atlas)	Other		29

Showing 1 to 10 of 10 entries

Previous 1 Next

Spatial Data Intersects - Details Table

Show 10 entries

Search:

Spatial Layer Name	Shape	Primary Attribute	All Attributes	Category
1:250K mapsheets	Koolka South	CURNAMONA	View attributes	Other
1:250K mapsheets	Jones	CURNAMONA	View attributes	Other
1:250K mapsheets	Bimbowrie Fe	OLARY	View attributes	Other
1:250K mapsheets	Bimbowrie Fe	CURNAMONA	View attributes	Other
1:250K mapsheets	Doughboy well	OLARY	View attributes	Other
Cadastral Parcels	Koolka South	F250354AL113	View attributes	Other
Cadastral Parcels	Koolka South	H834800BL947	View attributes	Other
Cadastral Parcels	Koolka South	F219181AL1	View attributes	Other
Cadastral Parcels	Jones	F219181AL1	View attributes	Other
Cadastral Parcels	Bimbowrie Fe	F219181AL1	View attributes	Other

Showing 1 to 10 of 67 entries

Previous 1 2 3 4 5 6 7 Next

Program Preparation

Work undertaken in preparing the proposal

See attached document for text (too long for this section)

Operator Capability

Standard Operating Procedures have been developed and adjusted to meet the needs of the company's exploration projects. Sinosteel has management plans, procedures, forms, and checklists to manage all remote exploration programs. These include (but are not limited to):

- Flora and Fauna Management plan
- Weed hygiene and washdown checklist
- Ground disturbance checklist
- Spill response procedures
- Emergency management plan
- Exploration site induction including:
 - landholder requirements,
 - heritage clearance conditions & exclusion zones, and
 - flora and fauna awareness & sensitive areas.

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

Communication is maintained through regular communication to the relevant parties involved, following the company Stakeholder Engagement Plan and all interactions/requests/complaints are recorded in a Stakeholder Register. All communications with stakeholders including DEM, DEW, landholders, and NAWNTAC are recorded in a company Stakeholder Communication Register to enable cross referencing of dialogue between Sinosteel staff.

Lease Conditions

N/A

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
CL 6161/904	F25035 4AL113						Unchecked
CL 6169/870	H8348 00BL9 47						Unchecked
CR 6052/83	F21918 1AL1	Crown	Minister for Sustainability, Environment and Conservation	Service of Notice of Entry	11/01/2024	202312_Form_21A_Bimbowrie	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?

Yes

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
Adnyamathanha, Ngadjuri and Wilyakali Overlap Claim	Native Title	NAWNTAC ICN895	No

Provide any additional relevant information

The current Native Title Mining Agreement for Exploration (NTMA) with NAWNTAC regards preliminary operations as 'low impact' activities (as defined in the agreement) and thus a cultural heritage clearance survey is not required. If initial exploration identifies that higher impact activities are warranted, then Sinosteel will plan for surveys as have been carried out for drilling operations recently outside of the park. Previous surveys have been conducted successfully and without issue.

The Ikara-Flinders ranges National Park Co-management Board has been consulted and view the work as low impact, thus not requiring board involvement at this stage.

Exempt Land

Exempt Land

Has Exempt land been identified?

No

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
CR 6052/83	F21918 1AL1	Minister for Sustainability, Environment and Conservation			

Consultation

Consultation

Stakeholder ↑	Land Use	Matters raised	Stakeholder concerns raised and how addressed
Minister for Sustainability, Environment and Conservation	Conservation	Park access notifications to be submitted at least 10 days prior to entry - to The Coordinator, Conservation and Mining. Weed introduction – assured park manager that we will follow best practices for vehicle decontamination. Advised Park closure on March 10-12 and May 2-6, 2024, for feral animal control. 2025 visit planned for June did not coincide with any park closures, and did not go ahead due to weather. Have not contacted Park Management in 2026 and plan to do so soon. Advised some tracks on park maps are no longer in use. Will consult with Park Ranger/Management before utilising any access tracks to new exploration areas or that have not been utilised in previous programs.	Park access notifications to be submitted at least 10 days prior to entry - to The Coordinator, Conservation and Mining. Follow best practices for vehicle decontamination (weed and seed). Keep weed information and endangered species distribution up to date. Consult with Park Ranger/Management before access in case of feral animal control park closures. Consult with Park Ranger/Management before utilising any access tracks to new exploration areas or that have not been utilised in previous programs.
The Ikara-Flinders ranges National Park Co-management Board	Conservation		The Ikara-Flinders ranges National Park Co-management Board has been consulted and view the work as low impact, thus not requiring board involvement at this stage.

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

N/A

Provide any additional relevant information.

N/A

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.

NIL

Description of Environment

Proximity to Infrastructure and Housing

Provide the following information:

The closest township to the proposed work area is Olary on the Barrier Highway, which is approximately 35km south of Bimbowrie CP.

Work is not expected to come in close proximity to infrastructure/housing/heritage sites within the Bimbowrie CP during the low impact exploration activities. The reconnaissance work will be planned away from these sites specifically.

Infrastructure within the park is mostly through the centre, and includes the Bimbowrie Homestead, the heritage precinct, 'Antro' Woolshed & Shearers Kitchen, and Old Boolcoomatta Homestead (orange 'heritage zones', Figure 1).

A few historic water bores exist on the property near the work area that are no longer in use, the nearest of which (6934-16, 17 and 38) are in the north-western corner of the park.

Access to areas of interest will utilise existing roads, tracks, and fence lines, or scars where tracks or historic internal fence lines have been removed, to minimise new disturbance in consultation with Park Management. A project area locality map with flagged infrastructure, and an access map with known access tracks and historic fence lines have been attached.

Attach Files 

Expand/Collapse

File Name	File Size (Mb)	Created On	Download
Figure 1 Bimbowrie PEPR-1.jpg	1.03 Mb	31-03-2026 15:32:33	Download (MERS/EPR-04093/Proximity to infrastructure/Figure 1 Bimbowrie PEPR-1_2026-03-31T05-02-33.917Z.jpg)
Figure 2 Bimbowrie PEPR-2.jpg	1.14 Mb	31-03-2026 15:32:48	Download (MERS/EPR-04093/Proximity to infrastructure/Figure 2 Bimbowrie PEPR-2_2026-03-31T05-02-49.472Z.jpg)

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.

The Bimbowrie CP topography is characterised by flat to mildly undulating arid floodplains with relatively little sub-crop and interspersed rocky outcrop hills to approximately 30m above the level of the plains (Photos 1 and 2). The slope angles are low to moderate with hill crests dominantly formed by geological outcrop resistant to weathering. Susceptibility to erosion is considered very low on the flat lying areas, to moderate on the slopes of the rocky terrain with thin topsoil cover and sparse vegetation.

Attach Files 

File Name	File Size (Mb)	Created On	<u>Expand/Collapse</u>
Bimbowrie 2011 drilling area_ landform and topo.jpg	0.1 Mb	01-04-2026 15:20:43	Download (MERS/EPR-04093/Landform topography/Bimbowrie 2011 drilling area_ landform and topo_2026-04-01T04-50-43.301Z.jpg)
Bimbowrie 2017 reccy_ landform and topo.jpg	0.51 Mb	31-03-2026 15:31:40	Download (MERS/EPR-04093/Landform topography/Bimbowrie 2017 reccy_ landform and topo_2026-03-31T05-01-40.917Z.jpg)

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

Low impact work only

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 

Expand/Collapse

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

Name	Applicable
There are no records to display.	

Groundwater

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

No

Provide evidence or any supporting information demonstrating this.

No drilling is planned under this general low impact activity application.
The area of operations has cover comprising surface soils up to 15m thick, overlaying Proterozoic basement. A search of the public database Water Connect revealed limited groundwater and water quality data within the park. Bores in the region range between 1,500 and 8,000 TDS at 6-40m.

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

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
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There are no records to display.

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

—

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

N/A

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

Low impact work only

Attach Files 

Expand/Collapse

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

Native Vegetation

Will you be working within areas of native vegetation?

Yes

Provide the following information:

The Bimbowrie Conservation Park was established from a previously grazed pastoral station purchased in 2004 and destocked in 2005. The Park is an arid environment, so vegetation is typically sparse and can be degraded to varying extents, with vegetation recovery evident. Vegetation is a combination of mixed chenopod shrubland, with patches of Acacia or Callitris woodland and Dodonaea shrubland. Vegetation descriptions as follow:

Chenopod shrubland: *Atriplex vesicaria* ssp., *Maireana astrotricha*, +/-*Maireana pyramidata*, +/-*Rhagodia spinescens* mid sparse shrubland over *Austrostipa* sp., *Rhagodia spinescens*, *Enchylaena tomentosa* var. *tomentosa* tussock grasses, +/-*Enneapogon avenaceus*, +/- *Sclerolaena ventricosa*, +/-*Sclerolaena brachyptera*, +/-*Sclerolaena obliquicuspis*, +*Sclerolaena* low sparse shrubland: *Sclerolaena obliquicuspis*, *Enneapogon avenaceus*, *Asphodelus fistulosus*, *Carrichtera annua*, *Eriochiton sclerolaenoides* low sparse shrubland.

Acacia woodland and shrubland: *Acacia aneura* var. (NC) low open woodland over *Eremophila duttonii*, *Alectryon oleifolius* ssp. *canescens*, *Senna artemisioides* ssp. *petiolaris*, and *Acacia tetragonophylla* mid shrubs over *Rhagodia spinescens*, *Maireana pyramidata*, +/-*Maireana aphylla* low open shrubland over *Dodonaea lobulata*, *Sida petrophila*, *Ptilotus obovatus* var., *Tetragonia eremaea*, *Solanum ellipticum/quadriloculatum*, *Sclerolaena diacantha*, *Sclerolaena obliquicuspis*, *Enneapogon* sp., *Dissocarpus paradoxus*, *Eragrostis eriopoda*, +/-*Sclerolaena limbata* +*Callitris* low open woodland and *Dodonaea* shrubland: *Callitris glaucophylla* low open woodland over +/-*Eucalyptus porosa* over *Dodonaea viscosa* ssp. *angustissima*, *Cassinia laevis* mid shrubs over *Sida petrophila*, *Ptilotus obovatus* var. *obovatus*, *Abutilon leucopetalum*, *Solanum petrophilum* low shrubs

A 25km buffer search over Bimbowrie CP using the Protected Matters Search Tool was undertaken and the report identified five listed threatened species that have the potential to occur within the area (listed below):

- Purple-wood Wattle (*Acacia carneorum*) has been recorded within the CP (refer to Figure 3, Photo 3). DEW pers comm 5/3/2021: online distribution records of this species are out-of-date and there are many more throughout the park.
- Slender Bell-fruit (*Codonocarpus pyramidalis*) has been recorded within the CP (refer to Figure 3). DEW pers comm 5/3/2021: the species is now commonly found in hilly country within the park.
- Murray Swainson-pea (*Swainsona murrayana*) no records within 15km of the CP boundary.
- Braided Sea-heath (*Frankenia plicata*) no records within 100km of the CP boundary.
- Desert Greenhood (*Pterosylis xerophila*) no records within 100km of the CP boundary.

A search of the NatureMaps database found 4 additional State-listed threatened fauna species have been recorded in the Conservation Park.

- Red-leg Grass (*Bothriochloa macra*) (refer to Figure 3).
- Purple Love-grass (*Eragrostis lacunaria*) (refer to Figure 3).
- Smooth Wallaby-grass (*Rytidosperma laeve*) (refer to Figure 3).
- Dark Green Swainson-pea (*Swainsona fuscoviridis*) (refer to Figure 3).

Sinosteel is aware that the online database for distribution of rare or endangered species is not kept up to date and that it is likely we could come across distributions not marked on the map, Figure 3. Management of this impact is detailed in Section F.

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

Attach Files 

Expand/Collapse

File Name	File Size (Mb)	Created On	Download
Figure 3 Bimbowrie PEPR-1.jpg	1.05 Mb	31-03-2026 15:43:14	Download (MERS/EPR-04093/Native Vegetation/Figure 3 Bimbowrie PEPR-1_2026-03-31T05-13-14.550Z.jpg)

Fauna

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

A 25km buffer search over Bimbowrie CP using the Protected Matters Search Tool identified 16 nationally protected significant fauna species that have the potential to occur within the Conservation Park (listed below). Eight migratory and marine species may also occur.

- Dusky Hopping Mouse (*Notomys fuscus*) has been recorded within the CP (refer to Figure 3).
- Yellow-footed Rock-wallaby (*Petrogale xanthopus xanthopus*) has been recorded within the CP (refer to Figure 3). DEW pers comm 5/3/2021: online distribution records of this species are out-of-date and there are many more throughout the park.
- Grey Falcon (*Falco hypoleucos*) has been recorded within the CP (refer to Figure 3).
- Thick-billed Grasswren (*Amytornis modestus*) has been recorded within the CP (refer to Figure 3).
- Southern Whiteface (*Aphelocephala leucopsis*) has been identified inside the CP boundary (refer to Figure 3).
- Blue Winged Parrot (*Neophema chrysostoma*) has been identified inside the CP boundary (refer to Figure 3).
- Plains Wanderer (*Pedionomus torquatus*) no records within CP boundary, some records within Boolcoomatta (DEW pers. comm.)
- Major Mitchell's Cockatoo (*Lophochroa leadbeateri leadbeateri*) no records within 50km of the CP boundary.
- Curlew Sandpiper (*Calidris ferruginea*) no records within 100km of the CP boundary.
- Australian Painted Snipe (*Rostratula australis*) no records within 100km of the CP boundary.
- Corben's Long Eared Bat (*Nyctophilus corbeni*) no records within 100km of the CP boundary.
- Diamond Firetail (*Stagonopleura guttata*) no records within 150km of the CP boundary.
- South-eastern Hooded Robbin (*Melanodryas cucullata cucullate*) no records within 150km of the CP boundary.
- Australian Painted Snipe (*Rostratula australis*) no records within 150km of the CP boundary.
- Flathead Galaxias (*Galaxias rostratus*) no records within 200km of the CP boundary.
- Night Parrot (*Pezoporus occidentalis*) extinct within the CP.

A search of the NatureMaps database found six additional State-listed threatened fauna species have been recorded in the Conservation Park:

- Restless Flycatcher (*Myiagra inquieta*) has been recorded within the CP (refer to Figure 3).
- Elegant Parrot (*Neophema elegans elegans*) has been recorded within the CP (refer to Figure 3).
- Scarlet Robin (*Petroica boodang boodang*) has been recorded within the CP (refer to Figure 3).
- Map Gecko (*Lucasium steindachneri*) has been recorded within the CP (refer to Figure 3).
- Letter-winged Kite (*Elanus scriptus*) has been recorded within the CP (refer to Figure 3).
- Peregrine Falcon (*Falco peregrinus macropus*) has been recorded within the CP (refer to Figure 3)

The 25km buffer search over Bimbowrie CP using the Protected Matters Search Tool also identified 11 invasive fauna species that are likely to occur within the park including: dogs (*Canis lupus familiaris*), goats (*Capra hircus*), cats (*Felis catus*), house mice (*Mus musculus*), rabbits (*Oryctolagus cuniculus*), and red foxes (*Vulpes vulpes*) and 5 introduced bird species.

Significant Habitats, Flora & Fauna

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

Yes

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
<i>Petrogale xanthopus xanthopus</i>	Yellow-footed Rock-wallaby	Vulnerable (VU)	Vulnerable
<i>Pedionomus torquatus</i>	Plains Wanderer	Endangered (EN)	Critically endangered
<i>Notomys fuscus</i>	Dusky Hopping Mouse	Vulnerable (VU)	Vulnerable
<i>Falco hypoleucos</i>	Grey Falcon	Rare (RA)	Vulnerable
<i>Amytornis modestus</i>	Thick-billed Grasswren	Least concern (LC)	Vulnerable
<i>Aphelocephala leucopsis</i>	Southern Whiteface	Least concern (LC)	Vulnerable
<i>Neophema chrysostoma</i>	Blue Winged Parrot	Vulnerable (VU)	Vulnerable
<i>Elanus scriptus</i>	Letter-winged Kite	Vulnerable (VU)	Vulnerable
<i>Myiagra inquieta</i>	Restless Flycatcher	Rare (RA)	Vulnerable
<i>Neophema elegans elegans</i>	Elegant Parrot	Rare (RA)	Vulnerable
<i>Petroica boodang boodang</i>	Scarlet Robin	Rare (RA)	Vulnerable
<i>Lucasium steindachneri</i>	Map Gecko	Rare (RA)	Vulnerable
<i>Falco peregrinus macropus</i>	Peregrine Falcon	Rare (RA)	Vulnerable
<i>Acacia carneorum</i>	Purple-wood/Needle Wattle	Vulnerable (VU)	Vulnerable
<i>Codonocarpus pyramidalis</i>	Slender Bell-fruit	Vulnerable (VU)	Vulnerable
<i>Bothriochloa macra</i>	Red-leg Grass	Rare (RA)	Vulnerable
<i>Eragrostis lacunaria</i>	Purple Love-grass	Rare (RA)	Vulnerable
<i>Rytidosperma laeve</i>	Smooth Wallaby-grass	Rare (RA)	Vulnerable
<i>Swainsona fuscoviridis</i>	Dark Green Swainson-pea	Rare (RA)	Vulnerable

Attach Files

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File Name	File Size (Mb)	Created On	Download
Figure 3 Bimbowire PEPR-1.jpg	1.05 Mb	31-03-2026 15:59:26	Download (MERS/EPR-04093/Fauna/Figure 3 Bimbowire PEPR-1_2026-03-31T05-29-26.911Z.jpg)

Weeds and Pathogens

Provide information of the extent the area is affected or potentially affected by weeds and pathogens (e.g. phytophthora; buffel grass *Cenchrus ciliaris*).

The prospects are located within Zone 2 protection and management zone for *Cenchrus ciliaris* (Buffel Grass), with no known occurrences within the Conservation Park. Phytophthora has been identified on the property next door to the conservation park, however due to the low rainfall, the project is in a very low risk area for *Phytophthora cinnamomi* (dieback).

A 22km buffer search over Bimbowrie CP using the Protected Matters Search Tool identified seven invasive plant species that have the potential to occur within the CP. These are:

- Ward's Weed (*Carrichtera annua*)
- African Boxthorn (*Lycium ferocissimum*)
- Prickly Pears (*Opuntia* spp.) (DEW advises these only occur in the Old Boolcoomatta area) Athel Pine (*Tamarix aphylla*) (DEW advises this species is not known to occur within the park) Silver-leaf Nightshade (*Solanum elaeagnifolium*)
- Jerusalem Thorn (*Parkinsonia aculeata*)
- Phytophthora dieback (*Phytophthora* sp)

DEW pers. comm. 5/3/2021: Pepper tree (*Scinus* sp) should also be added to this list.

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File Name	File Size (Mb)	Created On	Download
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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.

The current Native Title Mining Agreement for Exploration (NTMA) with NAWNTAC regards preliminary operations as 'low impact' activities (as defined in the agreement) and thus a cultural heritage clearance survey is not required. If initial exploration identifies that higher impact activities are warranted, then Sinosteel will plan for surveys as have been carried out for drilling operations recently outside of the park. Previous surveys have been conducted successfully and without issue.

Environmentally Sensitive Locations

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

Yes

Name	Applicable
Bimbowrie (CP)	Yes
MOUNT HOWDEN CHIASTOLITE OCCURRENCE	Yes

Are you likely to impact on the environmentally sensitive area?

No

Detail the likely effects the proposed program may have.

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File Name	File Size (Mb)	Created On	Download
Figure 1 Bimbowrie PEPR-1.jpg	1.03 Mb	31-03-2026 16:04:50	Download (MERS/EPR-04093/Env sensitive locations/Figure 1 Bimbowrie PEPR-1_2026-03-31T05-34-50.927Z.jpg)

Exploration Operations

Equipment and Personnel requirements

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	3	Sinosteel staff geologists in LVs

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
LV	Sinosteel	Light vehicle to transport geologists	Light vehicle to transport geologists

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)?

Yes

Describe each type of low impact operations proposed.

Work is planned to be carried out in Bimbowrie Conservation Park in 4 areas of interest (Figure 1). Due to the conservation park not being covered by the Generic PEPR, low impact activities are planned to be carried out under this PEPR. Planned activities meet the DEM definition of 'low impact' reconnaissance and preliminary groundwork including:

- Geological mapping and investigation – access by light vehicle 4WD following existing roads, tracks, and fence lines, then on foot.
- Surface sampling including handheld XRF and vegetation/biogeochemistry samples – access by light vehicle 4WD following existing roads, tracks, and fence lines, then on foot.
- Drone flights – access by light vehicle along existing roads and tracks to an appropriate launch pad.
- Low impact Geophysics (Fixed loop EM and IP) - by light vehicle 4WD following existing roads, tracks, and fence lines, then on foot.

Drilling Operations

Will exploration drilling Operations be conducted?

No

Fill out the below table

Tenement	Drilling Type	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 width)	Average size of each drill pad	Number of sites requiring excavation	Average volume of material to be excavated
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There are no records to display.

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.

Drillhole construction and decommissioning

Drillhole construction and decommissioning

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

—

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.

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.

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File Name	File Size (Mb)	Created On	Download
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Costeans and bulk sample disposal pits

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

—

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
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There are no records to display.

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

—

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).

Small amounts of hand samples may be taken in the form of VEGETATION/PLANT material ONLY for biogeochemistry. All samples will have their locations recorded and assays reported in the Annual Technical Reports of each tenement respectively. An example of the method of collecting surface samples at Koolka South within the Bimbowrie Conservation Park in 2022 can be seen in photo 4a & b

Access routes to work areas

Will existing tracks require upgrading and/or maintenance?

No

Detail the work required to upgrade/maintain existing tracks.

N/A

Will access be required across adjoining tenements?

Yes

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

Adjoining tenements will be traversed via existing public and private roads after discussion with the appropriate landowners.

Will access off existing tracks be required?

No

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.

Access to areas off existing roads will be done on foot.

Attach Files 

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File Name	File Size (Mb)	Created On	Download
Figure 2 Bimbowire PEPR-2.jpg	1.14 Mb	31-03-2026 16:11:34	Download (MERS/EPR-04093/Access routes to work areas/Figure 2 Bimbowire PEPR-2_2026-03-31T05-41-34.914Z.jpg)

Campsites and equipment laydown areas

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

Kalabity Station homestead workers accommodation or alternative accommodation at adjoining stations or Yunta.

What is the maximum number of personnel requiring accommodation?

3

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.

N/A

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.

N/A

Will any excavations be required?

No

Describe the purpose of the excavation

N/A

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.

No

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

Accommodating outside of the area

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

Proposed infrastructure	Quantity	Description / capacity
None	0	N/A

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.

N/A

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.

N/A

Will any excavations be required?

No

Describe the purpose of the excavation.

N/A

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	N/A

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No Files Uploaded			

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.

N/A

Water supply and management

Will camp and/or drilling water be required?

No

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.

N/A

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.

N/A

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.

N/A

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.

No

Attached Files

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

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.

N/A

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.

N/A

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

N/A

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.

N/A

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

N/A

System

Tenement Name ↑	Tenement Holder	Tenement Operators	Grant Date	Expiry Date	Tenement Type	Location Description	Tenement Area	Tenement Status	Shape Identifier
EL 5834	Sinosteel Uranium SA Pty Ltd		10/06/2016	09/06/2027	Exploration Licence	Outalpa Hill area approximately 60km northwest of Olary	128.00	Active	10007915-0002
EL 6373	Sinosteel Uranium SA Pty Ltd		12/03/2019	11/03/2030	Exploration Licence	Kalabity area approximately 45km north of Olary	821.00	Active	10011070-0000
EL 6440	Sinosteel Uranium SA Pty Ltd		12/11/2019	11/11/2030	Exploration Licence	Bimbowrie area approximately 30km north of Olary	556.00	Active	10011715-0001

Management of Environmental Impacts

Applicable environmental aspects and potential impacts

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 bulk diesel, hydrocarbon and chemical storage is to be banded in accordance with EPA guidelines. All hydrocarbon spills will be contained immediately, impacted soil will be collected, bagged, and sent to a licenced facility for disposal or treatment. Personnel will be inducted in this and reminded at regular intervals. All spills greater than 20L will trigger an incident report to be submitted to the company for investigation. Pre-start checks will be undertaken on vehicles and equipment to identify any leaks. Rubbish will be securely contained from wildlife and vermin, and regularly disposed of at an approved waste facility.	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: <ul style="list-style-type: none"> • The name, location and contact details of the authorised waste disposal facility. • A statement within the 'Compliance with approved programs' section of the annual exploration compliance report confirming domestic and industrial waste was removed from all exploration sites and disposed of at an authorised waste disposal facility. • Photographic evidence within the annual exploration compliance report demonstrating that all fuel and chemical storage facilities were managed in accordance with EPA requirements. Maintain photographs of all exploration sites and provide representative photos within the annual exploration compliance report demonstrating that drill cuttings are: <ul style="list-style-type: none"> • removed from site and disposed of at a licensed facility • buried under a minimum of 30 cm of soil, or in accordance with EPA guideline, Radiation protection guidelines on mining in South Australia: mineral exploration, available on the EPA website, or • backfilled down the drillhole, within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. Provide the information requested within

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
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the 'Rehabilitation' section of the annual exploration compliance report.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Stakeholders	Stakeholders	Interference to: • existing or permissible land use (includes loss of income, noise, dust, light and other emissions). • buildings, structures, existing tracks or other infrastructure. • aesthetic values of an area. Noncompliance with legislative requirements.	<ul style="list-style-type: none"> • Consult with park ranger and co-management to discuss scope of activities, disturbance, specific requirements relating to park access, and ensure compliance with the Bimbowrie CP management plan and values. • Park access notifications will be submitted at least 10 days prior to entry into Bimbowrie to: The Coordinator, Conservation and Mining. Ensure compliance with the Native Vegetation Act 1991, interrogate the relevant GIS databases, and ensure all personnel are familiar with the presence of significant flora and fauna in the area during inductions. Consult with park ranger and interrogate the relevant GIS databases and observe distribution during reconnaissance to determine the presence and extent of current weed infestation, and ensure all personnel are informed of the findings during inductions. Avoid planning activities near park infrastructure and within the CP Protection Zone 	Low	Stakeholders are fully informed and satisfied with the proposed methods used to conduct exploration activities on their land, and all prescribed forms are served and agreements obtained in accordance with the Mining Act.	Provide the information requested within the 'Complaints' section of the annual exploration compliance report demonstrating that all reasonable complaints from stakeholders are resolved to the satisfaction of both parties prior to and ongoing during the course of exploration program, without the involvement of DEM. Provide the information requested within the 'Landowner details and liaison' section of the annual exploration compliance report demonstrating that prescribed forms were served and agreements obtained in accordance with the Mining Act prior to the commencement of exploration activities.

(Figure 1). Prevent all access to the Excluded Access Areas (Figure 1) that cover geological monuments in the park, these areas will not be accessed during any exploration activities. Minimise all environmental impact of exploration activities by utilising low impact methods of exploration such as hand-held XRF and vegetation analysis. Drone operation (if required) will abide by CASA regulations and company policy, with strict flying heights adhered to, line-of sight maintained (no night flying), and launch pads selected to allow for a clear take-off area. Any fauna interactions will be minimised, and flights aborted if disturbance is probable, particularly to significant species such as wallabies and birds of prey.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Other	European heritage sites and sites of scientific and environmental significance	Disturbance to European heritage sites and sites of scientific and environmental significance (e.g. geological monuments, fossil reserves)	No registered national heritage sites were flagged in the EPBC Act Protected Matters report. All heritage zones within the CP including the state listed 'Antro' Woolshed & Shearers Kitchen will be avoided during activities. Excluded Access Areas that cover geological monuments in the park will not be accessed during any exploration activities. A map of environmental constraints (no go areas) will be present during all activities to ensure no breaches. Access routes will be planned to avoid all significant sites.	Low	No disturbance to European heritage sites and to sites of scientific and environmental significance unless prior approval under the relevant legislation is obtained.	Demonstrate no impact to heritage sites and sites of scientific and environmental significance by: <ul style="list-style-type: none"> • Maintaining evidence, including detailed maps showing sites compared to the location of exploration activities, and photographic evidence of sites before and after the conduct of the exploration program. • Providing a statement within the annual exploration compliance report confirming sites were not impacted during the conduct of the exploration program.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Native Vegetation	Flora and fauna and their habitats; includes Common wealth and state schedule d species.	Loss/modification of native vegetation and associated habitats through the clearance of vegetation.	Ensure compliance with the Native Vegetation Act 1991, interrogate the relevant GIS databases, and ensure all personnel and contractors are familiar with the presence of significant flora and fauna in the area during inductions. All personnel will be trained in identification of listed species in case of new or unmapped sightings and will be prepared to abort an activity in the case it may affect a listed species detrimentally. Consult with park ranger and co-management to discuss scope of project, disturbance, specific requirements relating to park access, and ensure compliance with the Bimbowrie CP management plan and values. Unnecessary vegetation disturbance will be avoided by careful advanced planning of access routes in consultation with the park management, with site access utilising existing roads, tracks, fence lines, and most direct routes. There will be no clearing of access routes within the CP or	Low	No permanent loss/modification of native flora and fauna populations and their habitats through; + clearance + fire + other unless prior approval under the relevant legislation is obtained.	Maintain before, during and after photographic evidence of all exploration sites (e.g. drillsites, new track exit/entry points off existing tracks, costeans, campsites) demonstrating that: <ul style="list-style-type: none"> • The area and method of disturbance is consistent with that described in the PEPR. • No uncontrolled fires* occurred as a result of exploration activities. • Representative photos to be included within the annual exploration compliance report.

Environmental Aspect Receptor Potential Impact Control Strategies Risk Outcomes Outcome Measurement Criteria

removal of roots or trunks, only light crushing of grasses.
Vegetation sampling will be limited to less than 10% of the total volume of tissue on each specimen, and plants will be selected based on plant health. Species will be selected that are common and wide ranging in the area. Controls will be implemented to reduce fire danger (refer to section on fire) All rubbish including food scraps will be removed from the work areas to reduce the likelihood of attracting feral animals into the area.

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).	Activities will be carried out with minimal disturbance to soil profile and topography by using existing tracks, avoiding tight bends on tracks, avoiding creek crossing where possible, imposing speed limits (<10kph on old tracks), and driving with careful consideration of topography to limit potential for modified water runoff. As advised by the Bimbowrie park ranger, after wet weather conditions/rainfall, contact will be made with the onsite manager before utilising park tracks. Vehicle movement on unsealed roads will be controlled or halted (depending on conditions) to minimise ground disturbance. Public roads will only be driven on when declared open by authorities and in consultation with the relevant land manager. Access off tracks within the Bimbowrie CP and surrounding pastoral leases will be avoided, and access to areas of interest will be by utilising existing roads, tracks, and fence lines or utilising scars where original station tracks, and internal fence lines	Low	Where soil disturbance occurs as a result of exploration activities, ensure that: <ul style="list-style-type: none"> • the soil 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: <ul style="list-style-type: none"> • The soil profile and topography is reinstated to original conditions and is consistent with natural surroundings within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. • Where required, sufficient topsoil is removed (depending on soil profile), stored separately from subsoil and reinstated (in the correct order) within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. • There are no signs of accelerated soil erosion during and post rehabilitation of disturbed sites. 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
			have been decommissioned in consultation with Park Management. All access and route planning will be determined in consultation with park management.			
Fire	Community/landowners	Damage to infrastructure and loss of income through fire.	Fires are prohibited in the park during fire bans and activities will be minimised during catastrophic fire days. Maintain equipment engine exhaust systems. All vehicles and plant fitted with fire extinguishers and/or fire suppression units. Fires for personal warmth outside of the fire ban season, if required, will be contained within appropriate bunding in an area designated by the onsite park manager, and firewood will be sourced from outside of the park. In the case of a fire, company Emergency Response Management Plan protocols will be implemented	Low	No loss of infrastructure or income through fire as a result of exploration activities.	Provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report confirming that no uncontrolled fires* occurred. Alternatively, provide a report on the independent investigation of all uncontrolled fires* demonstrating that the licensee could not have reasonably prevented the fire through the implementation of precautionary measures.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Aboriginal heritage	Aboriginal heritage sites	Disturbance to Aboriginal heritage	<p>Preliminary operations or 'low impact' exploration activities do not require heritage clearance surveys as this is covered under the NTMA. All identified archaeological cultural heritage sites from past clearance surveys will be flagged and buffers applied to ensure the 'low impact' activities will not encroach on these areas. All vehicle movements are to be limited to existing tracks to control ground disturbance, and access routes will be planned to avoid all significant sites. Company personnel will complete heritage inductions prior to activities commencing and be informed of heritage sites and the importance of not disturbing these sites. In the event of a discovery of a potential Aboriginal artefact all activities will stop in the immediate vicinity, the area will be clearly marked and isolated from further activities, and relevant authorities will be notified. Work to recommence only after authorisation has been received (clause 9 of the NTMA)</p>	Low	No disturbance to Aboriginal artefacts or sites of significance unless prior approval under the relevant legislation is obtained.	<p>Maintain a database and provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report demonstrating that:</p> <ul style="list-style-type: none"> Heritage sites were not impacted during the conduct of the exploration program, unless prior approval was obtained under the appropriate legislation Work ceased on discovery of a significant site and recommenced only after authorisation. Aboriginal heritage sites identified during the exploration program were appropriately recorded and reported to authorities, if not previously known.

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.	<p>Given that the project is occurring on a remote conservation park with a low rate of public visitation, the likelihood of the public being present is reduced. Avoid activities in the CP during peak tourist times where possible in consultation with the park ranger. Prevent third party access to utilised tracks by disguising entry and exit points off existing roads. Only inducted personnel will be permitted in the work areas. Visitors will undergo a visitor induction and will be chaperoned by a staff member. Company vehicles will abide by speed limits, or a maximum of 80km/h when on unsealed roads. All staff are instructed to drive to conditions. Any complaints received will be investigated and actions put in place to achieve an agreed resolution. Details will be recorded in the company Consultation Register and communicated to DEM.</p>	Low	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.	Interrogate the relevant GIS databases and observe distribution during reconnaissance to determine the presence and extent of current weed infestation, and ensure all personnel are informed of the findings during inductions. Regularly discuss the risk of weed introduction with all crews active in the project area, and with the park ranger. All vehicles and machinery entering the project area that pose a risk are to be cleaned and visually inspected to be free of plant and mud material before exiting the Barrier Highway to prevent further spread of weeds. Vehicle logs will be kept as records. Listed flora species including <i>Acacia carneorum</i> (Purple-wood wattle) and Slender Bell-fruit (<i>Codonocarpus pyramidalis</i>) will not be disturbed in this project. A map of environmental constraints (no go areas) will be supplied to the site preparation crew, including photos for identification. Listed fauna species habitats will be avoided during this project. A map of environmental	Low	No introduction of new species of weeds and plant pathogens, nor increase in abundance of existing weeds species.	Provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report, confirming that: <ul style="list-style-type: none"> • Vehicle logs were kept during the exploration program, demonstrating that all vehicles are clean and free of plant and mud material prior to entering properties† within the tenement areas, unless otherwise agreed to with the relevant landowners. • Photographic evidence before and during exploration operations and after rehabilitation of disturbed sites was captured, demonstrating that no new weeds and plant pathogens were introduced, nor an increase in abundance of existing weeds recorded.

Environmental Aspect Receptor Potential Impact Control Strategies Risk Outcomes Outcome Measurement Criteria

constraints (no go areas) will be supplied to crews, including photos of fauna for identification. All personnel will be trained in identification of listed species in case of new or unmapped sightings and will be prepared to abort an activity in the case it may affect a listed species detrimentally. Drone operation (if required) will abide by CASA regulations and company policy, with strict flying heights adhered to, line-of sight maintained (no night flying), and launch pads selected to allow for a clear take-off area. Any fauna interactions will be minimised, and flights aborted if disturbance is probable, particularly to significant species such as wallabies and birds of prey.

Supporting Information

Photos

Upload Photos 

Expand/Collapse

File Name	File Size (Mb)	Created On	Download
Bimbowrie 2011 drilling area_ landform and topo.jpg	0.1 Mb	01-04-2026 08:44:51	Download (MERS/EPR-04093/Supporting information/Photos/Bimbowrie 2011 drilling area landform and topo_2026-03-31T22-14-51.350Z.jpg)

File Name	File Size (Mb)	Created On	Download
Bimbowrie 2017 reccy_landform and topo.jpg	0.51 Mb	01-04-2026 08:44:51	Download (MERS/EPR-04093/Supporting information/Photos/Bimbowrie 2017 reccy_landform and topo_2026-03-31T22-14-51.783Z.jpg)
Bimbowrie Acacia carneorum occurence 2020.jpg	0.55 Mb	01-04-2026 08:44:51	Download (MERS/EPR-04093/Supporting information/Photos/Bimbowrie Acacia carneorum occurence 2020_2026-03-31T22-14-51.879Z.jpg)
Bimbowrie BGC and soil sampling 2021.jpg	0.3 Mb	01-04-2026 08:44:51	Download (MERS/EPR-04093/Supporting information/Photos/Bimbowrie BGC and soil sampling 2021_2026-03-31T22-14-51.594Z.jpg)
Bimbowrie BGC and soil sampling 2021_2.jpg	0.57 Mb	01-04-2026 08:44:51	Download (MERS/EPR-04093/Supporting information/Photos/Bimbowrie BGC and soil sampling 2021_2_2026-03-31T22-14-51.868Z.jpg)

Site identification	Date taken	Photo number & PEPR section reference	Easting (GDA94)	Northing (DGA94)	Zone	Details and comments	Document ID
Bimbowrie 2011 drilling area	01/06/2011	Photo 1 Landform and Topography	Unknown	Unknown		Flat to mildly undulating arid floodplains with relatively little sub crop evident. Location approximate, in the south-east of the park. Similar terrain expected in the north-west.	Bimbowrie 2011 drilling area_landform and topo
Bimbowrie 2017 reccy	19/12/2017	Photo 2 Landform and Topography	Unknown	Unknown		Interspersed rocky outcrop hills to approximately 30m above the level of the plains. Location approximate, in the north-west of the park	Bimbowrie 2017 reccy_landform and topo
Bimbowrie public road – Purple-wood occurrence	26/11/2020	Photo 3 Native Vegetation	422920	6451880	54	Stand of Purple-wood Wattle (Acacia carneorum) identified on the public roadside in Bimbowrie CP during site access to Kalabity 2020	Bimbowrie Acacia carneorum occurrence 2020
Koolka South BGC location	20/10/2021	Photo 4a Surface Sampling	420230	6466080	54	On-foot access to biogeochemistry and soil sample sites under the 2021 ADI initiative project	Bimbowrie BGC and soil sampling 2021

Supporting Maps

Upload Maps 

[Expand/Collapse](#)

File Name	File Size (Mb)	Created On	Download
Figure 1 Bimbowire PEPR-1.jpg	1.03 Mb	01-04-2026 08:52:13	Download (MERS/EPR-04093/Supporting information/Maps/Figure 1 Bimbowire PEPR-1_2026-03-31T22-22-13.609Z.jpg)
Figure 2 Bimbowire PEPR-2.jpg	1.14 Mb	01-04-2026 08:52:13	Download (MERS/EPR-04093/Supporting information/Maps/Figure 2 Bimbowire PEPR-2_2026-03-31T22-22-13.719Z.jpg)
Figure 3 Bimbowire PEPR-1.jpg	1.05 Mb	01-04-2026 08:52:13	Download (MERS/EPR-04093/Supporting information/Maps/Figure 3 Bimbowire PEPR-1_2026-03-31T22-22-13.617Z.jpg)

Figure Description

Document ID

Figure 1: Project Location	Figure 1 Bimbowire PEPR-1
Figure 2: Access Routes and Historic Fence Lines	Figure 2 Bimbowire PEPR-2
Figure 3: Environmentally sensitive areas and species of significance	Figure 3 Bimbowire PEPR-1

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.

Attached text for section Program Notification - Work undertaken in preparing the proposal, titled: Work undertaken in preparing the proposal
Attached NOE and registrar notification for Land Access section, titled: 202312_Form_21A_Bimbowrie and 202312_Form_21A_Bimbowrie_Proof of Service

Work undertaken in preparing the proposal

In preparation for this project, information stored within various Government GIS databases was interrogated as part of the desktop review and included searching government databases and conservation park resources for drillhole and geological information, hydrogeological information, flora and fauna distribution, native title determinations and heritage sites, geological monuments, soil types, land uses etc. A 25km buffer search over Bimbowrie CP using the Protected Matters Search Tool was undertaken and the report identified nationally significant matters that have been incorporated into the PEPR. A thorough search of the Nature Maps database was also interrogated for additional state specific matters.

Discussions have been held by phone and email with DEW and park managers, and responses to date have been informative and helpful. The Ikara-Flinders ranges National Park Co-management Board has been consulted and view the work as low impact, thus not requiring board involvement at this stage. DEW has highlighted in the past that exploration is to be carried out in in the Bimbowrie Conservation Park that is valued for:

- Significant indigenous and non-indigenous heritage sites
- Providing a core area for regional biodiversity conservation
- A diverse range of native plant and animal species, including several of national and state conservation significance
- Threatened vegetation communities, including Mulga and Needle Wattle woodlands
- Recovering rangeland vegetation communities, particularly the chenopod low shrublands of the Calico Corridor area
- Habitat and breeding sites for fauna species of conservation significance, including the Yellow-footed Rock-wallaby
- Aquatic and water-dependent ecosystems associated with the Meningie Springs and surrounding catchment
- Unique geology formations, including four Geological Heritage Sites (monuments) within the park Protection Zone (Figure 1)

Sinosteel aims to consider all of these values in the planning of programs within the park, minimising impact to conservation objectives.

Communication with all local parties will continue to allow local businesses the opportunity to supply logistical support to the project before seeking assistance further afield, and to ensure activities align with the conservation park management plan. Site visits will be undertaken to consult with stakeholders, and to conduct geological and environmental site reconnaissance, once the PEPR has been granted.

Geological Monuments in the area will be respected and no impact to the monuments is to be undertaken.

A simple geological model based on previous drilling and geophysical surveys has been utilised to plan target areas for on-ground investigation.

Any activities undertaken outside of the conservation park will be done under the generic PEPR.

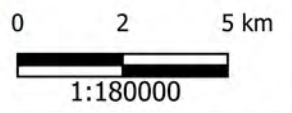
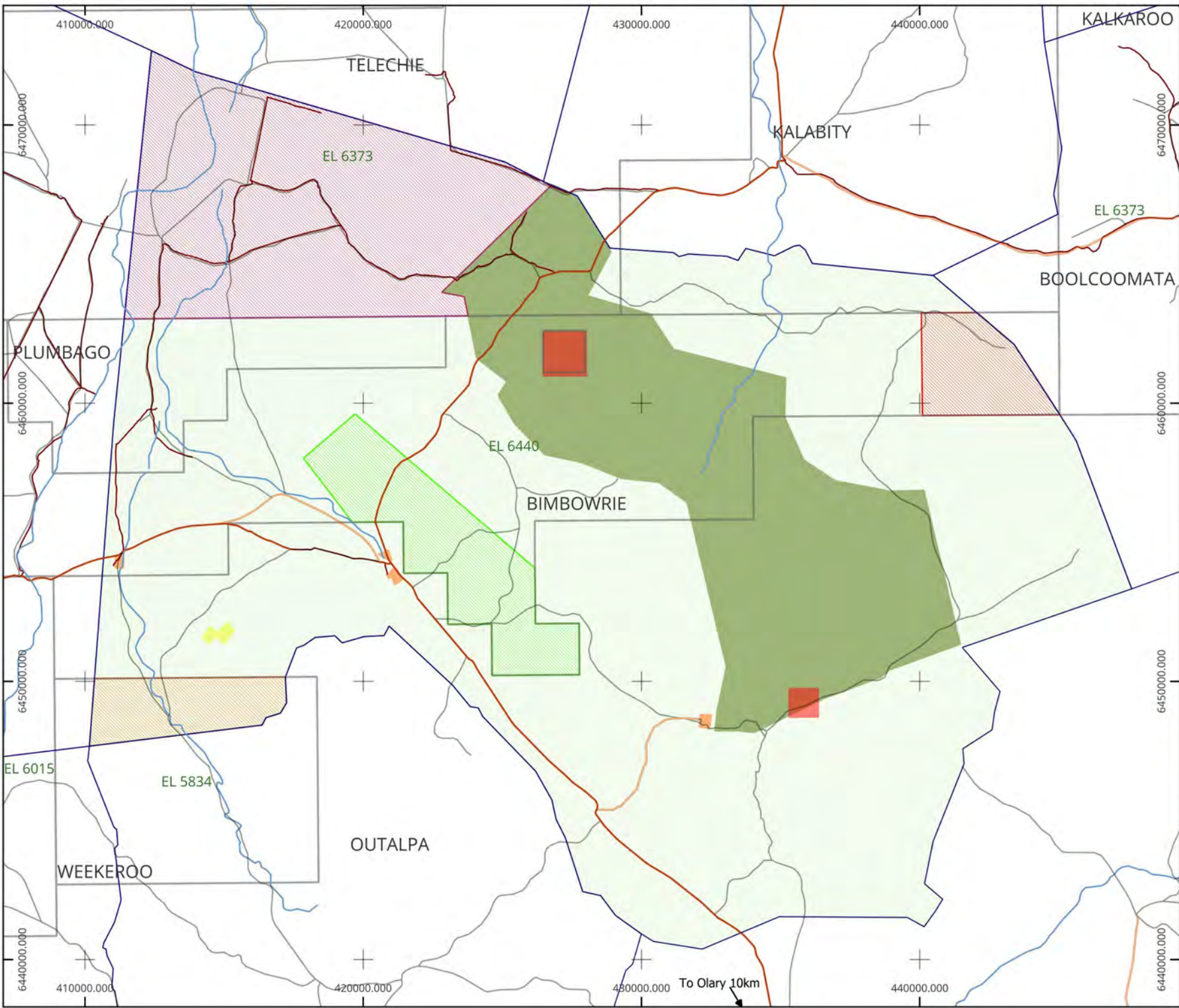


Figure 1, Location of Project areas

Drawn: Charles Lord
 Date: 10/01/2024
 Datum: GDA2020

Prints A4

Created using data from Sinosteel SA, GSA and may be based on or contain data provided by the State Of South Australia

-  LOCAL ROAD
-  VEHICLE TRACK
-  Major Creek
-  Properties
-  Tenements
-  Excluded Access Areas
-  Existing Mine Zone
-  Heritage Zones
-  Protection Zone
-  Koolka South
-  Doughboy Well
-  Bimbowrie
-  Jones
-  Bimbowrie CP

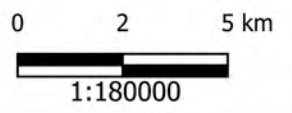
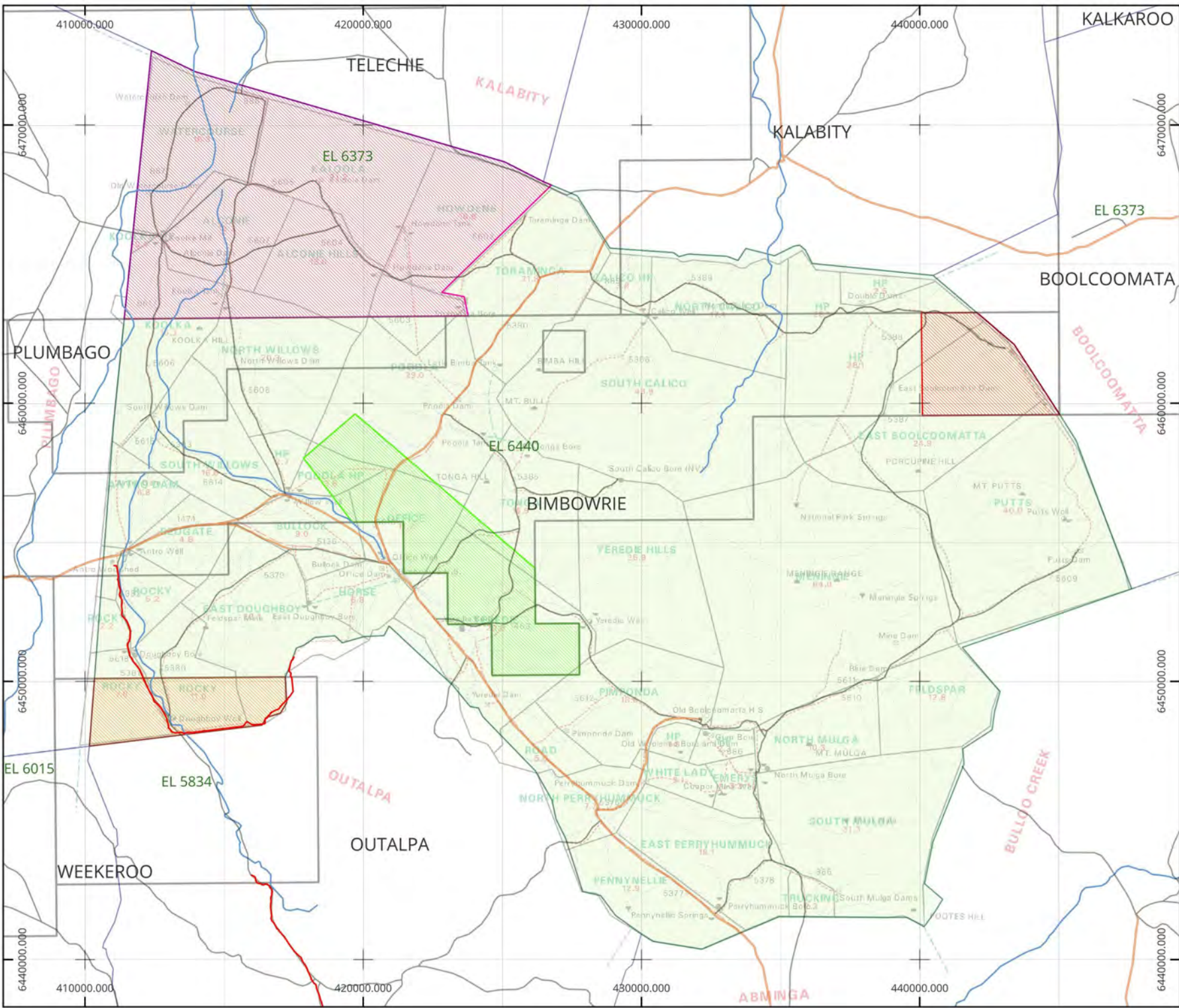


Figure 2 Access

Drawn: Charles Lord
 Date: 10/01/2024
 Datum: GDA2020

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-  Track to Outalpa
-  LOCAL ROAD
-  VEHICLE TRACK
-  Major Creek
-  Properties
-  Tenements
-  Koolka South
-  Doughboy Well
-  Bimbowrie
-  Jones
-  Bimbowrie CP





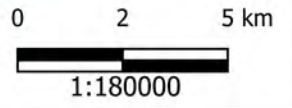
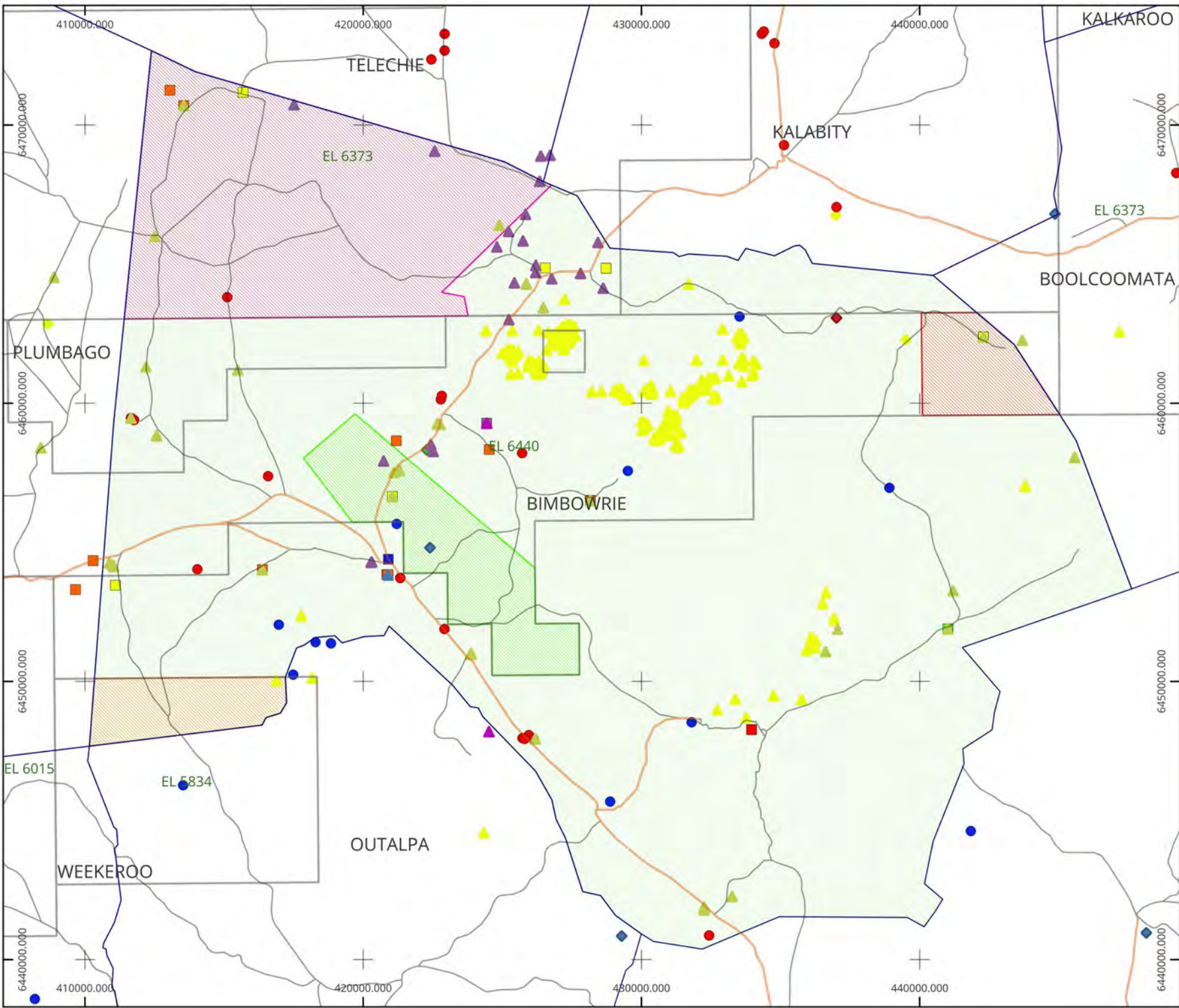


Figure 3 Environmentally sensitive areas

Drawn: Charles Lord
 Date: 10/01/2024
 Datum: GDA2020

Prints A4

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-  *Neophema chrysostoma* Blue Winged Parrot (V)
-  *Falco hypoleucos* Grey Falcon (V)
-  *Aphelocephala leucopsis* Southern Whiteface (V)
-  *Amytornis modestus* Thick-billed Grasswren (V)
-  *Petrogale xanthopus xanthopus* Yellow-footed Rock-wallaby (V)
-  *Elanus scriptus* Letter-winged Kite (V)
-  *Falco peregrinus macropus* Peregrine Falcon (R)
-  *Myiagra inquieta* Restless Flycatcher (R)
-  *Neophema elegans elegans* Elegant Parrot (R)
-  *Petroica boodang boodang* Scarlet Robin (R)
-  *Lucasium steindachneri* Map Gecko (R)
-  *Acacia carneorum* Purple Wood Wattle (V)
-  *Codonocarpus pyramidalis* Slender Bell Fruit (V)
-  *Bothriochloa macra* Red-leg Grass (R)
-  *Eragrostis lacunaria* Purple Love-grass (R)
-  *Rytidosperma laevis* Smooth Wallaby-Grass (R)
-  *Swainsona fuscoviridis* Dark Green Swainson-Pea (R)





