Doc ID: EPR-03963

27/10/2025

Aaron Brown,
Director of Exploration,
Half Moon Pty Ltd,
Unit 6, 79 - 81 Brighton Road,
GLENELG SA 5045
Email: aaron@marmota.com.au
cc: katherine@marmota.com.au

Mike McDonald,
Director,
Coombedown Resources Pty Ltd,
1 Beaumont Court,
MOUNT BARKER SA 5251
Email: mikemcdonald@mpalawyers.com

Dear Mr. Brown and Mr. McDonald,

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

In reference to your final submission dated 15/10/2025, 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	**Coombedown Resources Pty Ltd** **Half Moon Pty Ltd**
Tenement Type & Number	Exploration License EL5998, EL6569
Program Number	EPR-03963 Previous: EPEPR2024-009 Review
EPEPR Description	Time extension and expansion of exploration operations targeting gold within the WPA, 120km south-west of Coober Pedy. The expansion of operations comprises an additional 115RC holes, 115 drill pads, 3km of track, 230 sumps and a 3m^3 pit.

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	**Rehabilitation Bond** DEM has determined the rehabilitation liability estimate to be $79,000 based on the information you have provided. Accordingly, a bond of **$80,000** be entered into with the Minister for Energy and Mining (Minister). This bond will be formally requested through separate correspondence. The bond must be entered into before authorised operations can commence.
2	**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(s).
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 license 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 *Work Health and Safety Regulations 2012* (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	**EPEPR Timeframe** The EPEPR Review is approved for a period of 12 months from the date of this letter. A further 3 months after expiry 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	Jonathan Gnanapragasam Senior Assessment Officer, Exploration Regulation DEM.exploration@sa.gov.au

Yours sincerely,

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: http://energymining.sa.gov.au/minerals/knowledge_centre

Exploration PEPR - EPEPR | 12 Month PEPR Review

Reference Number: **EPR-03963** • Status: **Submitted**

Select Applicable PEPR

Is historical?

○ No ◉ Yes

Previous PEPR ID

EPEPR2024-009

Applicant and General Details

Applicant Details

Katherine Williams

Full Name *

Katherine Williams

Business Phone

Mobile Phone

0411280885

Email *

katherine@marmota.com.au (mailto:katherine@marmota.com.au)

Project Supervisor

Aaron Brown. Director of Exploration- Marmota Limited.

General Details

Tenement Details *

Tenement Type	Tenement Name	Tenement Holder
Exploration Licence	EL 6569	Coombedown Resources Pty Ltd; Half Moon Pty Ltd
Exploration Licence	EL 5998	Coombedown Resources Pty Ltd; Half Moon Pty Ltd

Operating Company

Half Moon 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

Greenewood, Mainwood, Campfire Bore and Golf Bore

Mineral Model

Intrusion Related Au mineralisation, hosted in Archean Christie Gneiss

Primary Commodities *

Commodity Name ↑	Commodity Group	Grade
Gold	Exploration	

Secondary Commodities

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

Project Description

EL 5998 and EL 6569 hosts Campfire Bore, Golf Bore, Greenewood and Mainwood deposits within the Woomera Prohibited Area.

Proposed Project Schedule

Start Date

15/10/2025

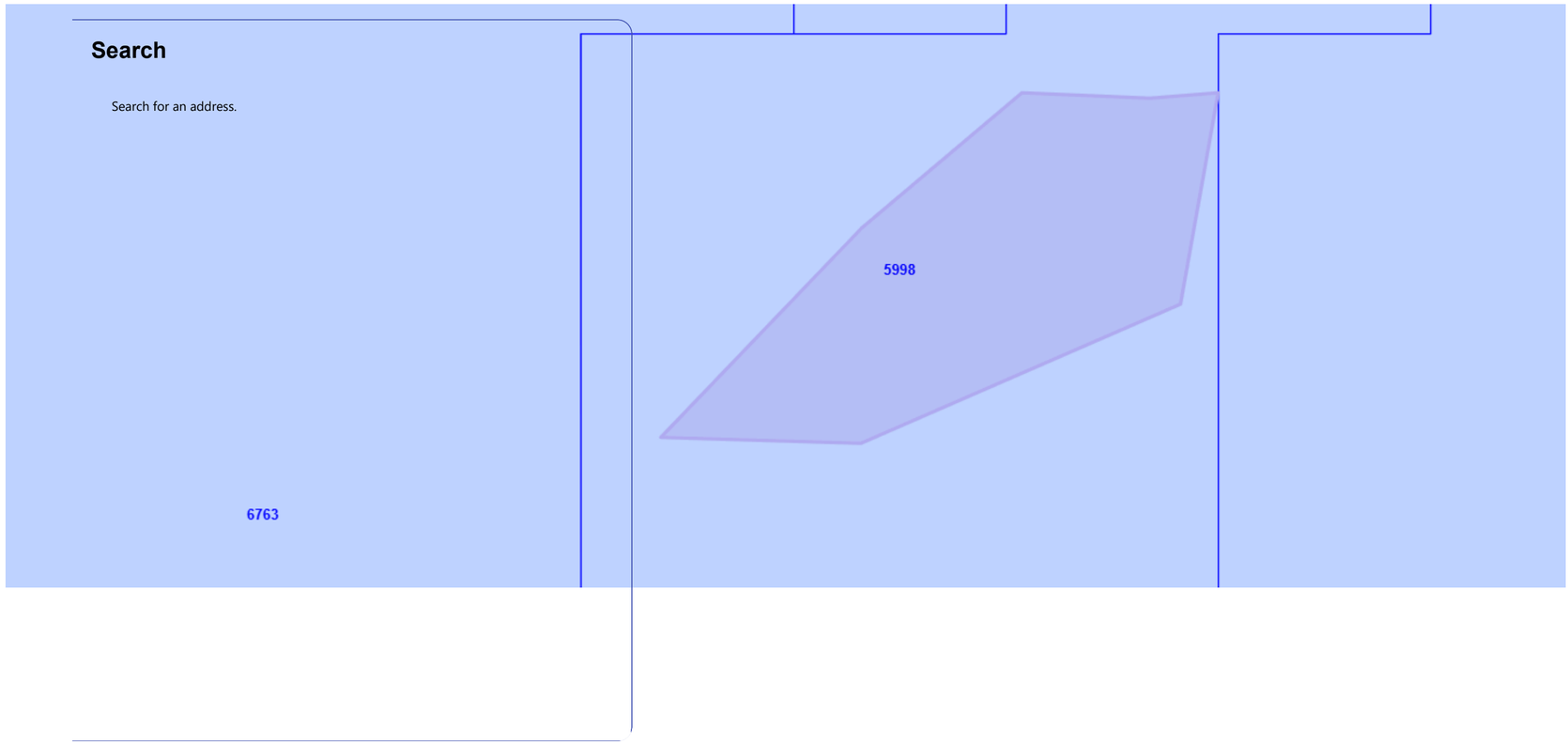
End date

20/06/2027

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.

EPEPR revision for additional drilling within EL 5998 (Greenewood and Mainwood), additional 115 holes to be added to EPEPR for EL 5998 with a total of 265 Drillholes (150 already approved).
Half Moon also requested an additional 12 month extension (extension request for 20 June 2026 to 20 June 2027) on the EPEPR to facilitate the additional drillholes and sample collection.

Identify Application Area



Map Layer Intersects

Application Area Details

Location Description

Sandstone Area is approximately 120km South West of Coober Pedy

Area (Sqkm)

5.95

Spatial Data Intersects - Summary Table

Show 10 entries Search:

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
Pastoral Lease Boundaries	Other		1
Registered and Notified ILUAs	Other		2
Schedule of Native Title Claims	Other		1
Terrestrial - BOM Groundwater Dependant Atlas (GDE Atlas)	Other		1

Spatial Layer Name	Category	Referral	Intersect Count
Woomera Prohibited Area - access zones	Restricted Land		1

Showing 1 to 9 of 9 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	Shape 3	COOBER PEDY	View attributes	Other
Cadastral Parcels	Shape 3	D28565AL2	View attributes	Other
Determinations of Native Title	Shape 3	Antakirinja Matu-Yankunytjatjara	View attributes	Other
Exploration licences (mineral/opal)	Shape 3	EL 5998	View attributes	No-Go Area
Pastoral Lease Boundaries	Shape 3	PT COMMONWEALTH HILL	View attributes	Other
Registered and Notified ILUAs	Shape 3	Part Commonwealth Hill (PE 2169) Pastoral ILUA	View attributes	Other
Registered and Notified ILUAs	Shape 3	Antakirinja Area Minerals Exploration ILUA	View attributes	Other
Schedule of Native Title Claims	Shape 3	Antakirinja Matu-Yankunytjatjara Aboriginal Corporation RNTBC	View attributes	Other
Terrestrial - BOM Groundwater Dependant Atlas (GDE Atlas)	Shape 3	125144	View attributes	Other
Woomera Prohibited Area - access zones	Shape 3	Defence infrequent zone	View attributes	Restricted Land

Showing 1 to 10 of 10 entries

Previous 1 Next

Program Preparation

Work undertaken in preparing the proposal

Marmota intends complete drilling at Greenewood, Mainwood and Golf Bore and Campfire bore prospects and has undertaken desktop reviews including:
• Protected Matter Search Tool – Department of Agriculture, Water and the Environment
• Nature maps
• SARIG
• BOM (Ground Water) and Water Connect

Marmota is currently seeking contractors for proposed works

Operator Capability

Marmota and all contractors working onsite operate within the bounds of Marmota's field procedures and consultant specific field procedures, to
ensure safe completion and environmentally sound operation and completion of all field programs. (Field Safety Operations Manual.doc 2015
WHS Manual.doc 2014.) A review of the field operations manual has recently been completed.
Marmota staff monitor adherence to safety and environmental compliance, and Marmota has procedures in place to report safety or
environmental issues. (Incident report or damage.doc, 2017, Incident Investigation Checklist.doc, 2017)
Where issues arise that require reporting in accordance with regulation, Marmota will notify the department.
All staff and contractors are required to complete a site induction prior to work commencing. The induction covers site orientation safety and
environmental requirements. If and where issues arise staff or contractors are reminded of the need for compliance with procedures and steps
will be taken to remediate any breaches.
Marmota is in contact with all stake holders as required by legislation notices of entry and keeps a register of communications with stakeholder
to ensure concerns are raised and actioned as required.
Beyond required notifications, Marmota is in regular contact with Tom Wheelhouse at Commonwealth Hill Station with regard to proposed
programs and any potential issues, to avoid complaints due to field activities (Stakeholder Engagement.xlsx)

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 6211/286	D28565AL2	Perpetual Lease	Jumbuck Pastoral Commonwealth Hill Station	Service of Notice of Entry	28/03/2025		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

Yes

In which zone will activities be conducted?

Name	Are you intending to undertake work?	Closure start date	Closure end date
Defence infrequent zone	Yes	27/10/2025	16/11/2025

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

Yes

Permit No.

REX064-25

What is the expiry date of the permit?

11/04/2032

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

Yes

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
Antakirinja Matu-Yankunytjatjara			No
Part Commonwealth Hill (PE 2169) Pastoral ILUA			No
Antakirinja Area Minerals Exploration ILUA			No
Antakirinja Matu-Yankunytjatjara Aboriginal Corporation RNTBC	Native Title	Registration Number 277	Yes

Provide any additional relevant information

—

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
CL 6211/286	D28565AL2	Jumbuck Pastoral Commonwealth Hill Station			

Consultation

Consultation

Stakeholder ↑	Land Use	Matters raised	Stakeholder concerns raised and how addressed
AMYAC	Other (e.g. historic mining)	Email communication with MPS Law regarding heritage survey and conditions of survey	Responded with conditions of Survey
Commonwealth Hill	Grazing	RC Bags from a drill hole at Campfire Bore too close to station track	Green Bags moved away from Track then rehabilitated.
Jumbuck Pastoral Commonwealth Hill Station			

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

—

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.

Out of Council

Description of Environment

Proximity to Infrastructure and Housing

Provide the following information:

Please see attached Figure 1 for the overview infrastructure and Housing to proposed programs. Golf Bore and Campfire Bore Prospect as the
crow flys are ~100 and 115km (respectively) South West of Coober Pedy.

Updated Figure 1 with overview of infrastructure and housing for EL 5998 and EL 6569 (Campfire Bore, Golf Bore, Greenewood and
Mainwood). Greenewood and Mainwood (EL 5998) are approximately ~120km South West of Coober Pedy.

Access Roads and tracks exist to the proposed drill areas and no additional tracks will be required to travel from camp to Greenewood prospect during drilling.
Other Human infrastructure exists in the general area; however all are generally some kilometres from the proposed exploration activities. Communication between Marmota and the relevant Station Managers will be ongoingduring planning and drilling. Drilling will not interfere with any stock work or infrastructure. See attached Map for further details.

Attach Files ⓘ

Expand/Collapse

File Name	File Size (Mb)	Created On	Download
Proximity to Infrastructure and Housing (EL5998 6569).pdf	0.62 Mb	15-09-2025 11:50:50	Download (MERS/EPR-03963/Proximity to infrastructure/Proximity to Infrastructure and Housing (EL5998 6569)_2025-09-15T02-20-50.974Z.pdf)

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.

EL 6569 and EL 5998 are characterised by low hills and sand plains with low susceptibility to erosion and no visual disturbance after rehab.

Attach Files

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

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

Each drillhole location will be accessed prior to drilling if drilling holes are within drainage lines/creeks they will be adjusted to a minimum of 50m from drainage line and/or creek or if no suitable location can be established they will not be included in the drilling.

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
No Files Uploaded			

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 localites/areas where different groundwater conditions may be encountered

There is potential to intersect water from 18m depth at Campfire Bore. Where waterbore information is available the SWL is between 18-30m
and TDS (mg/L) 800-20,000 - See below table. There is limited Data available from Water Drill holes at Golf Bore with 1 Water well within
proximity to planned drilling (96 GBWB 230) and has a recorded SWL of 21m and TDS (mg/L)- 34,470. See Figure 2 - for Map of Waterbores
within proximity of the drill areas.

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/thinkness (from-to) (m)	Aquifer Type	Aquifer salinity (TDS)	Depth to groundwater (m)	Comments
Eromanga Basin, Gawler Craton Province - Fractured Rocks Cambrian to Precambrian Rocks.	Cambrian and Precambrian Rocks	30	Fractured Rocks	250	Unconfined	1871	18	6 WW drilled within Proximity of Campfire Bore. 1 WW drilled within Proximity of Greenewood/Mainwood See Figure 2 for locations. DRILLHOLES CAMPFIRE BORE 1) Campfire Bore – No 3465 – SWL= 24.43m ,TDS (mg/L) = 7318, Yield 0.5 (L/sec) 2) SANDSTONE BORE OS No. 3505. (Not Operational). SWL= 21.04m, TDS (mg/L)= UNKNOWN, Yield= 0.11 (L/sec) 3) SANDSTONE BORE No. 3467. SWL= Yield = 0.13(L/sec) 4) Campfire Bore No. 3465. SWL= 24.43m., TDS(mg/L)=73 =0.5(L/sec) 5) JUBILEE BORE No. 3464. SWL=29.87m TDS (mg/L)=34,470, Yield = Unknown DRILLHOLES GREENEWOOD/MAINWOOD 8) UNKNOWN.

—

Attach Files

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File Name	File Size (Mb)	Created On	Download
Figure 2 - WW - Updated (24_03_2025).jpg	1.32 Mb	15-09-2025 12:00:42	Download (MERS/EPR-03963/Groundwater/Figure 2 - WW - Updated (24_03_2025)_2025-09-15T02-30-42.852Z.jpg)
Figure 3 - Aquatic GDE - Updated (24_03_2025).jpg	1.55 Mb	15-09-2025 12:00:42	Download (MERS/EPR-03963/Groundwater/Figure 3 - Aquatic GDE - Updated (24_03_2025)_2025-09-15T02-30-42.868Z.jpg)
Figure 4 - Terr GDE - Updated (24_03_2025).jpg	1.2 Mb	15-09-2025 12:00:42	Download (MERS/EPR-03963/Groundwater/Figure 4 - Terr GDE - Updated (24_03_2025)_2025-09-15T02-30-42.852Z.jpg)

Name	Formation age and/or stratigraphic unit	Stratigraphic intervals (depth range) (m)	Aquifer formation name	Aquifer Interval/thinkness (from-to) (m)	Aquifer Type	Aquifer salinity (TDS)	Depth to groundwater (m)	Comments
								No. 3466. SWL=18.29m, TDS (mg/L)=1871, Yield

Provide the following information:

The area is predominantly an open Acacia woodland, with acacia, blue bluebush, saltbush, and senna as dominant species. Significant habitats
and flora are tabulated below along with 2 maps (Figures 5 and 6.) The understory varies in response to landscape position along with changes
in the near surface regolith materials and hydrology.

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

—

Attach Files ⓘ

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File Name	File Size (Mb)	Created On	Download
Figure 5 -NPW Act - Updated (24_03_2025).jpg	1.14 Mb	15-09-2025 12:01:26	Download (MERS/EPR-03963/Native Vegetation/Figure 5 -NPW Act - Updated (24_03_2025)_2025-09-15T02-31-26.671Z.jpg)
Figure 6 -ES Act- Updated (24_03_2025).jpg	1.33 Mb	15-09-2025 12:01:26	Download (MERS/EPR-03963/Native Vegetation/Figure 6 -ES Act- Updated (24_03_2025)_2025-09-15T02-31-26.671Z.jpg)

Fauna

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

Fauna within tenement boundaries has indicated that there is no rated Fauna. Fauna which has been observed includes Bluebonnet (Eastern and Naretha), Yellow-throated Miner and Emus as detailed in the Table below and Figures 8 and 9. Feral animals have not been observed at
either of the identified areas.

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
Figures 8 and 9.pdf	0.3 Mb	15-09-2025 12:04:13	Download (MERS/EPR-03963/Fauna/Figures 8 and 9_2025-09-15T02-34-13.682Z.pdf)

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 exploration area occurs within the Arid Lands Natural Resources Management Region and within the KINGOONYA NRM District weed
strategy (Reviewed June 2015). The Area is within a known Buffel Grass region- Zone 2 and Zone 3 on the SA Buffel Grass Strategic Plan
2019-2024. When looking at the map and Nature maps of known locations of Buffel Grass it is dominantly located along bitumen Stuart
Highway and southern railway line. There are no known pathogens within the proposed drilling area as shown in Figure 7. If any infestations of Buffel Grass or other weed species are encountered during the program, cleaning procedures will be implemented when leaving the area and the infestation will be avoided and reported.

Attach Files

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File Name	File Size (Mb)	Created On	Download
Figure 7.jpg	0.12 Mb	15-09-2025 12:06:16	Download (MERS/EPR-03963/Weeds and Pathogens/Figure 7_2025-09-15T02-36-16.598Z.jpg)

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.

A heritage Survey was completed in 1999 (4 Mining Lease Applications Survey) and March 1996. Locations of Heritage Surveys and Exclusion
Zone are within Figure 11.
Conditions of 1999 Heritage Survey (4 Mining Lease Applications Survey):
GOLF BORE
“No mining should occur within either exclusion area. No camping or storage of material should occur within the exclusion areas. Both the
exclusion areas should be fences along the given coordinates if mining activities are commenced within in the Lease Area. Access and Road
maintenance within a 50 km corridor either side of the existing track is permitted along the track between Aurora Tank, Skye Tank and Golf
Bore which passes through exclusion zone 2, except where the existing track runs directly through a small salt lake on the western side of the
lease. If this road is to be upgraded for heavy vehicle use in this area the road should be diverted north, around the sand dune adjacent to the
salt lake. No recreational activities (such as bbq's, hunting, bike or 4X4 Driving) are permitted within the exclusion areas. Mining is permitted
elsewhere in the lease outside the two exclusion areas.”
CAMPFIRE BORE including EL 5998
“No mining should occur within the exclusion area. No Camping or storage of material should occur within the exclusion area. The exclusion
area should be fence along the given coordinates if Mining activities are commenced within the lease area. Access and road maintenance
within a 50km corridor either side of the existing track is permitted through the exclusion area. This track heads north west, south east between
'A' Tank and sandstone. Limited Access is also permitted along the track associated with the fence line passing approximately east west through the exclusion zone, although this track should not be enlarged as a main access route. No recreational activities (such as BBQ,
hunting bike or 4X4 Driving) is permitted within the exclusion zone. Consideration should be given to the historic value and built fabric of
sandstone homestead and the associated air raid shelter if mining proceeds in the lease area and the homestead is used for worker
accommodation. Mining in permitted elsewhere in the lease outside the exclusion zone.”
EL 5998: Conditions of 2017 Heritage Survey “Selected areas within Exploration Licences 5183 (Mainwood); 5720 (Brickies); and 5298
(Black Knight and Southern Areas) Survey conducted on 3–5 March 2017”:
1. All drill holes are to be contained within the perimeter of the cleared survey areas
2. Access to be gained along existing tracks or fence lines as far as possible. However, in the event of track creation, this should be
kept to a single defined track and done in a manner that minimises impact and be fully rehabilitated;
3. There is to be no work generally within drainage lines, clay pans, dune crests, silcrete rises or granites;
4. Vegetation disturbance must be kept to a minimum (Native Vegetation Council Guidelines) and there must be no impact on Black
Oaks (Casuarina pauper); and
5. Observance of avoidance areas:
a. 50m either side of any drainage lines, creeks and waterways;
b. 50m from the edges of clay pans with diameters of approximately 20-50m; and
c. 200m from the edges of clay pans with diameters over 50m

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?

—

Detail the likely effects the proposed program may have.

—

Attach Files

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File Name	File Size (Mb)	Created On	Download
Figure 11.jpg	0.06 Mb	15-10-2025 12:30:34	Download (MERS/EPR-03963/Env sensitive locations/Figure 11_2025-10-15T02-00-36.125Z.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	1	Marmota Limited
Land access/environmental	2	Marmota Limited
Drilling Crew	3	Drill Contractor
Site Preparation and rehabilitation	1	Marmota Limited

Shifts worked per day	Hours worked per day	Days worked per week
1	12	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
Drilling Rig	Drill contractor	Schramm 450WS RC Drill Rig. (35t) or equivalent	RC Drilling
Support Truck Air	Drill contractor	6x6 Man Air Truck (22t) or equivalent	Compressor and Booster truck
Support Truck	Drill contractor	8x8 Merc Support Truck or equivalent	Support truck water/ diesel
Freight Trailer	Drill contractor	TR1 – freight trailer or equivalent	For carrying drill rods, casing and PVC casing (Camp Laydown)
Dog Trailer	Drill contractor	TR2- 2011 Dog Trailer or equivalent	Trailer fitted with mobile workshop (Camp Laydown)
Landcruiser	Drill contractor	Utility or equivalent	Support vehicle for Drillers
Camper Trailer/Caravan	Marmota Ltd	Camper Trailer/Caravan	Accommodation for Marmota Staff
Caravan	Drill contractor	Caravan or equivalent	Accommodation for Bullion(Driller) or equivalent
Fuel Trailer	Marmota Ltd or contractor	Fuel tank mounted on trailer	Fuel for Campfire Bore drilling and Camp (Camp laydown)
Backhoe	Marmota Ltd	8t Backhoe or equivalent	Rehabilitation and Site Prep
Drilling Rig (RAB/AC/RC)	Drill contractor	6x6 Toyota Landcruiser mounted drilling rig - 7m x 2m x 3m (LxWxH) or equivalent	RAB/AC/RC Drilling (Landcruiser or equivalent)
Compressor Truck	Drill contractor	4x4 Mitsubishi Canter mounted compressor truck OR 6X6 Landcruiser mounted compressor or equivalent	Compressor Landcruiser (or equivalent) drill rig
fuel and diesel support truck	Drill contractor	Hino 13tonne	fuel and diesel support truck for Landcruiser rig (or equivalent rig)

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

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 (lenght x depth x width)	Average size of each drill pad	Number of sites requiring pad excavation	Average volume of material to be excavated
EL 5998	Reverse Circulation	150	250.00	150	2	15.00	225.00	0	0.00
EL 5998	Reverse Circulation	115	150.00	115	2	15.00	225.00	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.

PRIOR TO CLEARING PADS:
• drill holes are anticipated to be carried out along the previous drill lines, and on sections between previous drill lines, with drill pads created alongside previous or proposed tracks.
• Drill pads and clearing will be sited before commencing; Including reviewing and determining locations of heritage exclusion zones within proximity of drill locations and delineating exclusions where required.
• No tracks or drill pads will be created in drainage lines or creeks, drill sites will be relocated 50 metres minimum from creeks or drainage line if no appropriate alternative can be located the hole and access track will not be cleared and drilled.
• Tracks and Drill pads will not be created within 200m of clay pans
• Tracks and pad locations will be sited to minimise vegetation removal and will pass around larger trees and isolated vegetation.
• Drill pads will be created alongside proposed access tracks.

DRILL PADS AND SUMPS
• Drill pads will be cleared to 15m x 15m (225m2) with 2 x sumps (2.5m x 2.5m x 2.5m) for water which maybe encountered. If large
amounts of water are intercepted water will be diverted to adjacent sumps or an additional sump will be excavated if needed,
• Drill pads will be cleared using raised blade clearing retaining the root stock
• The drill pad will be cleared to allow drill rig and compressor support truck to sit on adjacently on drill pad allowing access around the drill rig and compressor support truck.
• Vegetation will be stockpiled allowing re-spreading as mulch, soil protection and seed material for re-generation on completion of the drill program.
• Sumps will be sloped on one side to allow for Fauna to escape

Drillhole construction and decommissioning

Drillhole construction and decommissioning

Drill holes will be approx. 150mm in diameter and the top 3-6 metres will be cased using PVC

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.

Drill holes will be approx. 150mm in diameter and the top 3-6 metres will be cased

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.

After completion of drilling, RC holes will be temporarily plugged/capped until such time it is decided the bulk drill cuttings are no longer
required for further geochemical analysis (typically 1-3 months), the drill hole will be backfilled with drill cuttings. A plastic plug will be inserted
0.5 – 2m below the surface and backfilled with native top soil. Surface casing will be removed after hole has been backfilled with cuttings. Open
sumps may be used to dispose of excess drill cutting where they will not fit back down the drill hole of origin. Cuttings will be buried 1m below
surface where required. See Figure 10 for drill hole decommissioning example.

Attach Files ⓘ

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File Name	File Size (Mb)	Created On	Download
Figure 10 -decomissioning drillhole.jpg	0.08 Mb	15-09-2025 12:23:52	Download (MERS/EPR-03963/Drillhole construction and decommissioning/Figure 10 -decomissioning drillhole_2025-09-15T02-53-52.608Z.jpg)

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

—

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).

Sample Collection
• For RC drilling bulk drill cuttings will be collected in large plastic bags at 1m intervals downs the entire drill hole.
• From these bags, 4m composite samples will be collected in calico sample bags and submitted to a laboratory for geochemical
analysis.
• surplus bulk drill cuttings will be left at each drill site until all geochemical results have been received from the laboratory to ensure no
samples need to be resubmitted.
• The surplus bulk samples will then be used to backfill the holes followed by a non-degradable plug at 0.5 – 2m downhole and then
topsoil backfilled to surface. The remaining bulk samples will be removed from the plastic sample bag and disposed of in a same
sump as drilling.
• Plastic bags and surplus calico bags from 1m splits will be disposed of separately at a designated waste dump. All sample bags will be rehabilitated within the requested approval time monitoring for bag degradation.
• Sample material that cannot be returned downhole will be disposed in a sump.

All sample bags will be rehabilitated within 3 months following expiry of this PEPR.

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?

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.

To date Marmota uses well established, and regularly used station tracks for site access. Once Leaving main or station roads, previous explorer tracks will be used or additional tracks created as required. No maintenance or Modification of existing tracks is required at this time.

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.

PROPOSED LENGTH OF TRACKS (Greenewood and Mainwood) ADDTIONAL DRILLHOLES
• Phase 1 Greenewood (2025 RC) - 3.1km of tracks were cleared. The track between Campfire Bore and Greenewood/Mainwood was re-opened to faciliate drilling.
• No Additional tracks are expected to be required for EL 5998 with the length of drill tracks expected to be within 11km from the previously approved EPEPR.
• The length of tracks includes drill lines and turn arounds.
• There are two station tracks which runs North- South through the tenements which connect the main access tracks between Aurora Tank and proposed drill areas.
• All planned holes lie within areas previously drilled by other explorers, so only a minimal number of new tracks may be needed and this is not expected to exceed the 11km of already approved tracks. Track will be cleared to a maximum of 5m, with an average width of 3m.

Attach Files ⊕ **Expand/Collapse**

File Name	File Size (Mb)	Created On	Download
2024_Access_Tracks_TRUCKS_MAY24.jpg	3.13 Mb	02-10-2025 11:39:11	Download (MERS/EPR-03963/Access routes to work areas/2024_Access_Tracks_TRUCKS_MAY24_2025-10-02T02-09-12.331Z.jpg)

File Name	File Size (Mb)	Created On	Download
map 13 - Proposed Area GW 2025 RC.jpg	1.05 Mb	03-10-2025 08:55:52	Download (MERS/EPR-03963/Access routes to work areas/map 13 - Proposed Area GW 2025 RC_2025-10-02T23-25-54.039Z.jpg)

Campsites and equipment laydown areas

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

Staff and contractors will be accommodated at an established camp, close to Aurora Tank Prospect for Golf Bore Drilling and in
Caravans/Camper Trailers at a site used by previous explorers, adjacent to Sandstone Outstation for Campfire Bore/Greenewood/Mainwood.
Drilling

What is the maximum number of personnel requiring accommodation?

7

Is a campsite required to be established?

Yes

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

Caravans and/or Camper Trailer may need to be used for Greenewood/Mainwood, Campfire Bore and Golf Bore Drilling, it is expected that no
vegetation will be cleared and camp will be set up in cleared area adjacent to Sandstone Outstation in consultation with Commonwealth Hill
Pastoral Station.

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

0.02

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 includuing vegetation requirements and site levelling.

—

Will any excavations be required?

Yes

Describe the purpose of the excavation

After each campaign all caravans, tents and generators are removed from site and the toilet facilities are backfilled and rehabilitated. Shower Facilities are provided in caravans brought to site for the program, with grey water allowed to drain into a small hand dug sump and allowed to seep freely into sandy soil within 5m of the campsite, with the sump rehabilitated after each program. Toilet facilities for each campaign consist of a ~6m deep drillhole with privacy tent and field toilet seat placed above it, A new hole will be drilled and used as a toilet facility for each drill program. Due to the short duration (2-3 weeks) of individual field campaigns and the small number of people involved (max 5).
If the frequency of site activities increases, leading to more permanent camp requirements an amendment to this PEPR will be made, including
advice from Health SA, regarding the need for upgraded sewage and grey water treatment.

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

3.00

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

Yes

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
Tents/Swags	3	Fly Camping - Tent/Swags 1 to 3 Personnel in Tents/Swags as required
Caravans/Camper Trailers	4	2 -4 Caravans/Camper trailers (as required)

Will laydown areas be required?

Yes

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

Yes

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

Temporary Laydown will be located at the same location as Campfire bore Camp and location will be discussed with Commonwealth Hill pastoral station to minimise impacts on pastoral activities.

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

0.25

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 includuing 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
Freight Trailer For carrying drill rods, casing and PVC casing (Camp Laydown)	1	TR1 – freight trailer
Trailer fitted with mobile workshop (Camp Laydown Laydown)	1	TR2- 2011 Dog Trailer
Fuel Trailer (Camp Laydown)	1	Fuel Cell mounted on trailer
Water Trailer (Camp Laydown)	1	Water Storage mounted on trailer (or Equivalent)

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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.

Camp and drilling water will be provided by onsite by water storage on Water Trailer, and will be resupplied from water Storage Tanks located at Aurora Tank Camp

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.

—

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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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.

Rehabilitation of drill holes from Campfire Bore (RC 2024) were completed in Sept 2025.

Marmota Staff or contractors will be used in rehabilitation activities.

Drill Pads and Samples
• For RC drilling, bulk drill cuttings will be collected in large plastic bags at 1m intervals downs the entire drill hole. From these bags, 4m composite samples will be collected in calico sample bags and submitted to a laboratory for geochemical analysis.
• The surplus bulk drill cuttings will be left at each drill site until all geochemical results have been received from the laboratory to ensure no samples need to be resubmitted. The surplus bulk samples will then be used to backfill the holes.
• A non-degradable plug at 0.5 – 2m downhole will be placed into the open hole and then topsoil backfilled to surface.
• The remaining bulk samples will be removed from the plastic sample bag and disposed of in existing sumps on the hole it was drilled.
• Plastic bags and surplus calico bags from 1m splits will be disposed of separately at a designated waste dump
• All sample bags and all exploration related activities will be rehabilitated within 3 months following expiry of this PEPR and ensuring monitoring of bag degradation.
• If drill pads have been compacted by machinery, the drill holes or track will be ripped along the contour to loosen the soil.
• Topsoil which has been stockpiled will be re-spread to facilitate growth.
• Sample material that cannot be returned downhole will be disposed in a sump. Sump
• Drilling waters will be contained within sumps, with sumps back filled after water has evaporated.
• Bulk samples will be disposed of downhole with excess samples disposed of in the sump and covered with sub and topsoil in the correct order.
• excess sub-soil material will be added where possible to allowing for compaction.
• Topsoil which has been stockpiled will be re-spread to facilitate growth.

Tracks
• Will be rehabilitated to near original condition which facilitated revegetation after drilling.
• If tracks have been compacted by machinery, the drill holes or track will be ripped along the contour to loosen the soil.
• Topsoil will be respread and vegetation over the top to facilitate revegetation.
• Obstacles such as mounds, tree trucks and branches across will be used to restrict access along rehabilitated tracks off major roads and station tracks.
• Road windrow of the existing major road to be re-established and landowner to be notified tracks have been rehabilitated.

Rubbish
• All rubbish, contaminated soil or work debris will be removed after drilling and disposed of at Approved District council dump. As per sample above Sample bags will be removed after assaying has been completed, whilst monitoring for bag degradation.
• Temporary markers (tapes and pegs) will be removed

Progressive Rehabilitation
• Marmota plans to progressively rehabilitate exploration activities on a campaign basis. A maximum of 200 holes pads and sumps may be left open at a given time.

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

Total Estimated Rehabilitation - $75,000

EL 6569 - 2024 RC Campfire Bore - Drillhole, sample bags and sumps rehabilitation was completed in Sept 2025. Tracks to remain open for future use - $5000
EL 5998 - 2025 Phase 1 RC Greenewood - awaiting current drill results and re-collection for samples - $35,000
EL 5998 - Phase 2 (Greenewood/Mainwood) - $35,000

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.

—

System

Tenement Name ↑	Tenement Holder	Tenement Operators	Grant Date	Expiry Date	Tenement Type	Location Description	Tenement Area	Tenement Status	Shape Identifier
EL 5998	Coombedown Resources Pty Ltd; Half Moon Pty Ltd	Half Moon Pty Ltd; Marmota Limited	21/05/2017	20/05/2028	Exploration Licence	Campfire Bore area approximately 100km southwest of Coober Pedy	33.00	Active	10009233-0000
EL 6569	Coombedown Resources Pty Ltd; Half Moon Pty Ltd	Half Moon Pty Ltd; Marmota Limited	18/10/2020	17/10/2025	Exploration Licence	Sandstone area approximately 140km northwest of Tarcoola	104.00	Active	10012635-0000

Management of Environmental Impacts

Applicable environmental aspects and potential impacts

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Aboriginal heritage	Aboriginal heritage sites	Disturbance to Aboriginal heritage	EL 6569 contains Heritage Exclusion Zones, which have been highlighted by the survey completed in March 1999 (4 Mining Lease Applications Report) and 1996 Clearance Survey. These have been highlighted in all Exploration planning documents and site inductions and Figure 11 within this PEPR. General restrictions put in place in order that allow to drill within “Drilling Clearance areas” are such as avoid granite outcrops, rock holes, clay pans, salt lakes and drainage lines. However, should any Aboriginal artefacts or areas of possible cultural significance be encountered then Marmota staff will avoid those areas, recording details and photographs, and contact the relevant authority. To ensure that heritage exclusion zones are not impacted by the proposed drill, Marmota has used exclusions zone maps during planning, heritage maps will be include in the work inductions for Campfire Bore and Golf Bore Drilling and conveyed to Staff and Contractors, Heritage locations will be placed on GPS during pegging and scouting of hole locations and delineated in the field if work location is within proximity of the heritage exclusion zones. Where heritage zones are across existing tracks (such as through the lake system) no stopping, maintenance or disturbance of the existing access and no access off the existing track will be permitted and be communicated to all staff and contractors through site inductions and pre-starts. ×Close	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.
Fauna	All fauna	Entrapment of fauna through open drillholes and excavations.	The area impacted by drilling is partially cleared sheep grazing land. A sump is likely at the drill site to contain groundwater from all forms of drilling. These sumps will be constructed with a ramp for an exit in the event an animal does fall into the pit. Bunding will also be erected if the sump has significant water in it, to deter animals from gaining entry, all sumps will be backfilled, within approved time frames. When possible, sumps will be back filled sooner. At the completion of drilling, a temporary hole plug will be placed in the drill hole to ensure that no small animals can fall down the hole and no larger animals will suffer broken limbs from falling in the hole. If any unexpected and significant fauna is encountered, locations and photographs (where possible) will be recorded, and the Department of Environment and Water will be notified.	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.
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.	The area is within a known Buffel Grass region however infestations are not located anywhere close to the area proposed for drilling. The ongoing management plan for Zone 2 - contain spread is To prevent the ongoing spread of Buffel Grass into clean or priority areas within or beyond Zone 2, aiming for a significant reduction in all infestations. The ongoing Management plan for Zone 3 - To significantly reduce the extent of buffel grass in Zone 3, locating and destroying all infestations aiming for local eradication at feasible sites. To prevent the ongoing spread of Buffel grass mitigation and rehabilitation strategies will include but are not limited to; • Marmota staff and contractors will be made aware of Buffel grass, and a copy of the strategic plan will be on site for staff to refer to • Marmota will ensure vehicles, equipment and footwear are free of clods of soil and plant material particularly when off-road machinery enter the site. If any infestations of Buffel Grass are encountered during the drilling program, cleaning procedures will be implemented when leaving the infestation and the area of infestation avoided. • Surveys indicate potential risk, or if the landowner raises any concern over the spread of weeds. Discussions with Landholders has raised no concerns about the presence or spread of weeds due to Marmota’s activities to date. This is an ongoing discussion with the landholders prior to each field program to ensure Marmota is aware of any issued relevant to the sites accessed for field work. • Vehicles will be washed and clean before entering new sites where the risks warrant it (i.e. between exploration areas of different weed profiles)	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
Fire	Community /landowners	Damage to infrastructure and loss of income through fire.	All fire bans, regulations and directions from the Country Fire Service will be observed. Fires will not be permitted on fire ban days. Strict precautions will always be observed to prevent accidental fires, including correct disposal of cigarettes. All vehicles are fitted with appropriate fire extinguishers. Drillers will have Hot Works Permits for welding, cutting, and oxy-cutting and will provide a copy of that permit to Marmota. The drill rig has relevant fire suppression units fitted which are regularly checked to be in good working order. Camp/Laydowns: Fuel stoves, servicing areas, and kitchens should be sited on ground cleared to bare earth with a firebreak sufficient to isolate it from the surrounding vegetation. Fire extinguished fitted or available in required areas.	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.
Native Vegetation	Flora and fauna and their habitats; includes Commonwealth and state scheduled species.	Loss/modification of native vegetation and associated habitats through the clearance of vegetation.	Vegetation in this region is predominantly an open to very open acacia woodland with a variable understory of Senna, Saltbush, Bluebush and other flora identified in Native Vegetation tables of this PEPR Application. Mitigation and rehabilitation strategies used to reduce disturbance to native vegetation include but are not limited to; • Unnecessary vegetation disturbance will be avoided with implementation of methods consistent with DEM guidelines and requirements of the Mining Act 1971 • Site access will use existing tracks where possible in consultation with the landowners to reduce new track lengths. • Clearing of understory vegetation and mechanical clearing of tracks will be avoided • Where mechanical clearing is required, rootstock will be preserved. • New tracks will be sited to minimise the amount of vegetation removal and will pass around larger trees • Access track will be dog legged of existing tracks and continuous straight lines will be avoided. • Drill sites will only be cleared if necessary, with holes sighted on non-vegetated ground if possible, • Traffic will be restricted to one track, and contractors are reminded at the start of each program and during programs as needed to stick to existing tracks and turn around areas. • Tracks that will not be used again once rehabilitated. • ruts levelled and vegetation debris removed during clearing and topsoil respread over track area. • Rehabilitation will aim to restore the land to a stable condition that will facilitate land use consistent with that established prior to implementing the exploration program. • All vehicles carry fire extinguishers in the event of a fire. Smoking will only be permitted on the drill site away from vegetation and all cigarette stubs will be disposed of in a designated container. Hot points on vehicles and machinery will avoid dry vegetation. Marmota will aim to position drill holes to ensure minimal disturbance to native vegetation. No trees are anticipated to be disturbed during the proposed drilling works, with minimal damage expected to saltbush and bluebush at drill pads and along access tracks. If clearing is required, it will be done by raised bucket and will aim to leave rootstocks intact to allow for revegetation. Drill pads and tracks will be lightly scarified upon completion of works if required.	Low	No permanent loss/modification of native flora and fauna populations and their habitats through: • clearance • fire • other unless prior approval under the relevant legislation is obtained.	Maintain before, during and after photographic evidence of all exploration sites (e.g. drillsites, new track exit/entry points off existing tracks, costeans, campsites) demonstrating that: • The area and method of disturbance is consistent with that described in the PEPR. • No uncontrolled fires* occurred as a result of exploration activities. Representative photos to be included within the annual exploration compliance report.
General Public	General Public	Injury or death to members of the public as a result of exploration activities.	Due to the remote location of the work area, over 50km from the closest public access route, and within the Woomera Prohibited Area, the likelihood of the general public being at the work are during or after exploration activities in very unlikely. The only public access would be station workers, and Marmota will be in regular contact to inform drill locations and concerns before, during and after the drilling. Regardless of this all-work areas will be monitored for unauthorised access during field activities to ensure members of the public, Station owners and other land users are kept away from hazards such as heavy vehicle, drilling equipment, power generators and drillholes. Appropriate signage will be displayed at drill locations and all members of the public or not associated with drill program to be escorted by rig inducted person at all times. As per rig procedures if a member of the public approaches the drill rig (work exclusion distance as per the rig induction ~50m) the rig will be shut down and person(s) approached, and drilling will resumed only when personnel have moved out of area.	High	No accidents involving the public that could have been reasonably prevented by the licensee.	Provide a statement within the 'Compliance with approved programs' section of the annual exploration compliance report confirming no accidents occurred involving the public during and after the exploration program. If an accident involving the public did occur, provide a copy of the independent investigation report within the annual exploration compliance report demonstrating that the licensee could not have reasonably prevented the accident through the implementation of precautionary measures.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Groundwater users	Groundwater users	Interference to existing water users when extracting water from existing dams, water bores or mineral drillholes.	No extraction of water required from dams, water bore or mineral drill holes	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.
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).	Drilling is expected to only intersect one unconfined aquifer. An unconfined aquifer is one in which the water is under atmospheric pressure, and generally remains at the level at which it was intersected. Although the aquifer is not under pressure groundwater discharge is possible during all drilling processes as the sample is returned to surface. Management and mitigation methods to control ground water intersected during includes: • Prepare a sump to contain excess water in the event of groundwater discharge. • Have machinery onsite to be available to modify the sump required to contain the groundwater if required. • Upon completion of drilling, the drillhole will be temporarily plugged so as not to introduce pollution from the surface. Complete rehabilitation will be tentative pending receipt of analytical results of the drill cuttings. This usually takes up to 6 – 8 weeks. When these drill cuttings are no longer required, rehabilitation can be completed and the drillhole will be backfilled with drill cuttings (please refer to Figure 10 and to drillhole construction and decommissioning section located at the end of this PEPR). Camps will be placed as per MG44: • Locate campsites away from stock pads and at least 400 m from wells, bores, dams and drinking troughs. • Camp at least 50 m from watercourses • Water for camp to be used from Potable water delivered to Aurora Tank and topped up as required and carried in water pod/trailer. If multiple aquifers are intersected, then procedures for decommissioning of drillholes as per South Australia Earth Resources Information Sheet M21 will be adhered to including cementing or grouting as needed. However, this is deemed extremely unlikely as drilling to a maximum depth of 211m in neighbouring Tenement Aurora Tank to date has yet to intercept additional aquifers.	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).	• There will be minimal compaction along the drill access tracks due to the nature of the soils in the area. • Drill tracks, sumps, drill pads will be rehabilitated within the approved time via scarification and spreading of vegetation debris to the individual landholder's specifications. • Vehicle speeds will be under 80km/hr on established station tracks and will be set lower to suit local conditions on all other access tracks. • Access tracks from camp to the main work are via an existing station track resulting in no significant rutting or other damage to the track to date. • Tight corners will be avoided to minimize rutting in corners. • Access points to rehabilitated tracks will be blocked with fallen vegetation. • Due to the remote nature of the area included in this PEPR, no general public access or traffic is expected. • Sumps at drill sites used to contain discharges and will be constructed by firstly removing topsoil followed by the sub soil and stockpiled separately. Upon rehabilitation, the sumps will be filled with the sub soil first followed by the topsoil for spreading on completion of the drilling program. • Cleared vegetation kept and subsequently spread back over drill pads, tracks, and sumps during rehabilitation to assist with seed capture and regeneration. • Raised blade clearing to retain rootstock during clearing to facilitate revegetation and regrowth. • Tracks drill pads and sumps will be lightly scarified as needed with any removed topsoil respread. • Movement in and around drill pads will be kept to a minimum with vehicles to remain stationary after setting up unless absolutely necessary. Ensuring no off track driving around drill pads will be re-enforced in pre-starts, site induction and monitored by the supervising Marmota personnel. Where necessary temporary flagging will be installed to restrict access. • Sumps will be allowed to dry prior to backfilling and a mound of excess topsoil laid over the excavation to allow for subsidence and compaction. • Camp and laydown at Campfire Bore will be placed on level and areas of no vegetation. • The Campsite is within a previously cleared area, with ample space for accommodation and Vehicles. Contractors and staff and informed not to extend beyond the cleared area during site induction.	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.
Third party access	Soil/vegetation/fauna	Degradation of rehabilitated access tracks caused by third party access (includes previously closed and rehabilitated access tracks).	Due to the remote location of the work are under this PEPR, It is possible but unlikely that rehabilitated tracks will be disturbed. New access tracks are to be dog legged from existing tracks to minimise visual identification of tracks and access point to tracks are closed of with fallen logs and shrubs and road windrow of the existing road to be re-established and landowner to be notified tracks have been rehabilitated. Logs or vegetation will place placed at the start of the closed track to prevent previously rehabilitated track being driven on. Vegetations also respread over tracks to aid in reseeding and regrowth and to discourage access	Low	Rehabilitated access tracks remain permanently closed, unless prior approval under the relevant legislation is obtained.	Maintain before and after photographic evidence demonstrating that all tracks are closed and rehabilitated within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. Representative photos are to be included within the annual exploration compliance report. Provide the information requested within the 'Rehabilitation' section of the annual exploration compliance report.
Groundwater	Soil/vegetation/fauna	Discharge of groundwater into the surrounding environment.	All ground water that is brought to surface will be captured and contained within sumps. Bunding around the collar of the rig leading to the sump will be used to direct any uplifted water coming to the surface around the collar, to the sump. Water and drilling sludge in the sump will be allowed to dry and then be buried in the sump. Two sumps per hole have been allocated with the second sump dug only if needed to contain excess groundwater. If need a shallow shovel width channel may be dug between sumps on closely spaced holes to allow for excess groundwater to drain into adjacent sumps.	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
Contamination	Soil/vegetation/fauna	Soil/vegetation contamination (e.g. hydrocarbons, rubbish, drill samples/cuttings, ablutions, other sources)	• All general waste material including plastic sample bags, plastic sheeting placed under rig to catch spills and any other drilling related rubbish will be collected and brought back to Coober Pedy or Adelaide or Port Augusta and disposed of accordingly. • The drill rig is equipped with a hydrocarbon spill kit and all drillers and offsiders are trained to deal with any spills as quickly and efficiently as possible, and waste will be disposed of at the nearest Waste Transfer Station on completion of works. • A hydrocarbon spill kit will be stationed at the filling area adjacent to the Diesel tank to minimise risk of hydrocarbon contamination during refuelling. • Pre-start checks (safety and environment) will be undertaken on equipment to identify any leaks. • Site inspections will be undertaken, and corrective actions implemented before project sign-off is completed. • Camp waste will be contained, and either taken to Coober Pedy dump, or if not, possible they will be brought back to Adelaide or Port Augusta and disposed of accordingly. • Drill cuttings will be disposed of by backfilling of drill-holes, with excess cutting disposed of within drill sumps close to each drill site. • Plastic drilling bags, calico drill bags and Rehabilitated PVC drill collars will be removed from site and disposed of at Coober Pedy waste dump. Drill cuttings will be buried in line with DEM guidelines Some cuttings will be used to backfill the drill hole prior to plugging. No cuttings will be visible at surface following rehabilitation and the sumps will be backfilled in the order that they were excavated - i.e., subsoil and then topsoil on top. Drilling is expected to be campaigned based and may have additional campaigns. After each campaign all caravans, tents and generators are removed from site and the toilet facilities are backfilled and rehabilitated. Shower Facilities are provided in caravans brought to site for the program, with grey water allowed to drain into a small hand dug sump and allowed to seep freely into sandy soil within 5m of the campsite, with the sump rehabilitated after each program. Toilet facilities for each campaign consist of a ~6m deep drillhole with privacy tent and field toilet seat placed above it, A new hole will be drilled and used as a toilet facility for each drill program. If the frequency of site activities increases, leading to more permanent camp requirements, an amendment to this PEPR will be made, including advice from Health SA, regarding the need for upgraded sewage and grey water treatment. As per ISM-33 Waste Pits will be constructed and used in such a manner as to prevent the dispersal of rubbish by wind and scavengers. Pits for disposing of sewerage and domestic waste will be of sufficient size to contain all waste and allow for burial to be minimum depth of 1 m. Pits will be located away from water courses. Wastewater from kitchens and ablutions trailers will be conveyed to earth drains constructed specifically for that purpose. Earth drains will be constructed to allow: 1) rapid infiltration into the soil 2) containment of all effluent 2) direction of effluent away from the camp areas frequented by personnel or vehicles.	Low	No contamination of soil and vegetation as a result of exploration activities.	Demonstrate that all domestic or industrial waste (includes general rubbish and hydrocarbons) is disposed of in accordance with the Environment Protection Act 1993 within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), and that all fuel and chemicals are stored in accordance with EPA requirements, by providing: • The name, location and contact details of the authorised waste disposal facility. • A statement within the 'Compliance with approved programs' section of the annual exploration compliance report confirming domestic and industrial waste was removed from all exploration sites and disposed of at an authorised waste disposal facility. • Photographic evidence within the annual exploration compliance report demonstrating that all fuel and chemical storage facilities were managed in accordance with EPA requirements. Maintain photographs of all exploration sites and provide representative photos within the annual exploration compliance report demonstrating that drill cuttings are: • removed from site and disposed of at a licensed facility • buried under a minimum of 30 cm of soil, or in accordance with EPA guideline, Radiation protection guidelines on mining in South Australia: mineral exploration, available on the EPA website, or • backfilled down the drillhole, within 3 months of the expiry of the PEPR approval (for PEPRs approved for a period of 12 months), or 3 months after the expiry of a program notification (for PEPRs approved for an ongoing period), unless otherwise authorised. Provide the information requested within the 'Rehabilitation' section of the annual exploration compliance report.
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.	Landowners and Marmota personnel discuss drilling programs, access tracks, camps usage well in advance to ensure drilling activities will not interfere with station work and that our actions will not cause unnecessary disturbance to the environment. If concerns are raised, Marmota and the landowners work together to form an outcome that suits both parties. Other stakeholders including Native Title Parties, State Government Departments, Department of defence etc are always provided with the correct information to raise any issues prior to work commencing. Mitigation and rehabilitation strategies used to reduce the land use impact include but are not limited to: • Discussions with Commonwealth Hill Station with regards to camp setup and location at Campfire Bore Monitoring of track conditions for deterioration • Wetting tracks if deterioration occurs, this water will be sourced from onsite water trailer and replenished from water storage at the Aurora Tank Camp. Based on previous work in the area minimal water (3000l) will be required for wetting of tracks. • Using an alternate route • Vehicle speed limits will be imposed to reflect road conditions and proximity to any infrastructure or livestock • Planning and coordination will be used to minimise the number of individual vehicle movements • Rehabilitating new and existing tracks to the satisfaction of the landowner • Being informed of mustering and not interfere with these areas • Constructing and rehabilitating drill holes, tracks, camps etc inline with information sheets M21 and M33. Undertaking photo monitoring before, during and after exploration activities.	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.

Environmental Aspect	Receptor	Potential Impact	Control Strategies	Risk	Outcomes	Outcome Measurement Criteria
Other	Not Applicable	Not Applicable	Not Applicable		Not Applicable	Not Applicable

Supporting Information

Photos

Upload Photos ⓘ

Expand/Collapse

File Name	File Size (Mb)	Created On	Download
IMG_3242.JPG	2.55 Mb	15-09-2025 13:45:23	Download (MERS/EPR-03963/Supporting information/Photos/IMG_3242_2025-09-15T04-15-23.584Z.JPG)

Site identification	Date taken	Photo number & PEPR section reference	Easting (GDA94)	Northing (DGA94)	Zone	Details and comments	Document ID
PH519	02/07/2025	Greenewood Lay of Land Example Photo	377306	6721512	53	Pre-drilling 2024 RC Drilling	IMG_3241

Supporting Maps

Upload Maps ⓘ

Expand/Collapse

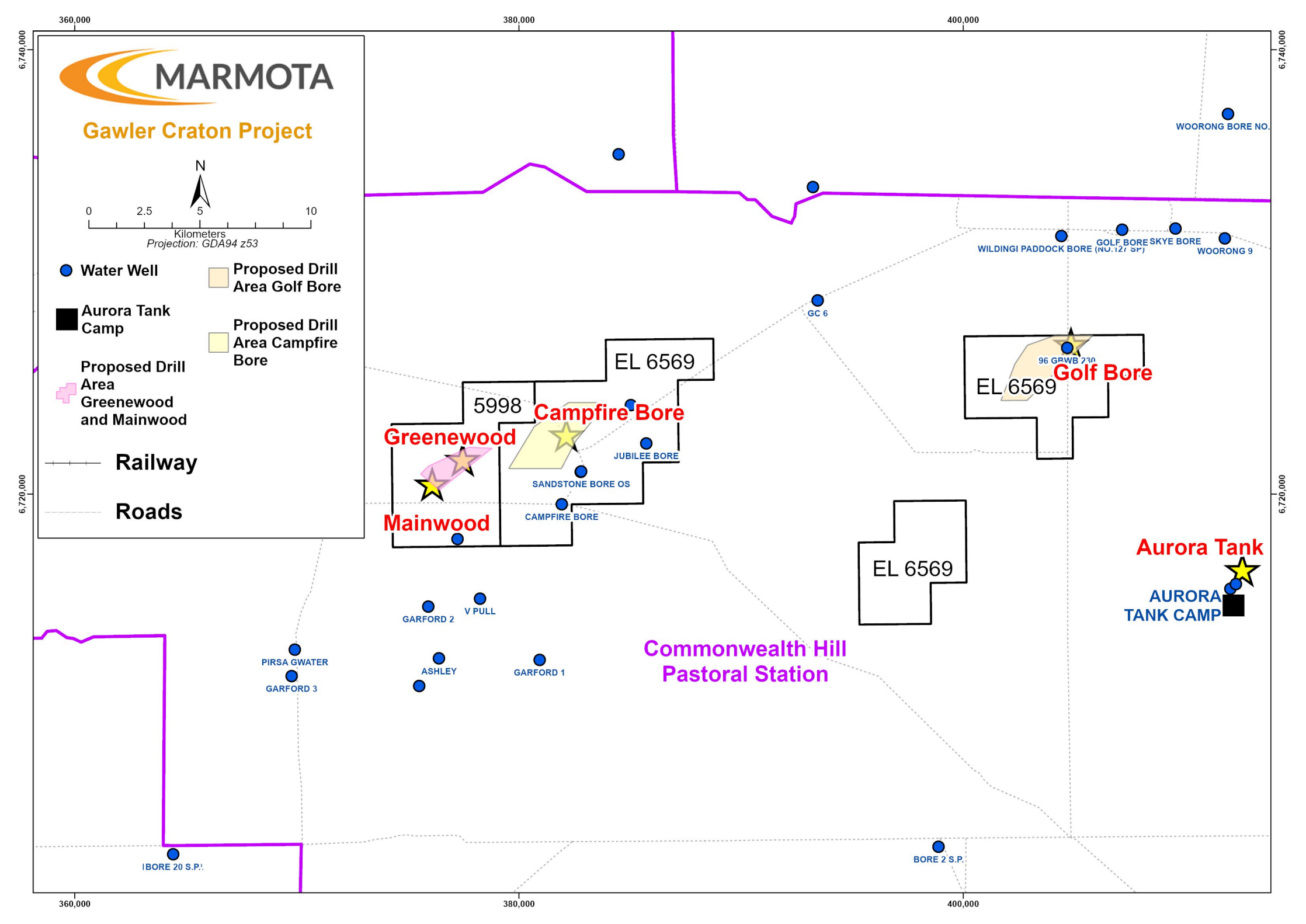
File Name	File Size (Mb)	Created On	Download
map 12 - Completed GW 2025 RC.jpg	1.06 Mb	15-09-2025 14:04:03	Download (MERS/EPR-03963/Supporting information/Maps/map 12 - Completed GW 2025 RC_2025-09-15T04-34-04.312Z.jpg)
map 13 - Proposed Area GW 2025 RC.jpg	1.05 Mb	15-09-2025 14:09:42	Download (MERS/EPR-03963/Supporting information/Maps/map 13 - Proposed Area GW 2025 RC_2025-09-15T04-39-43.062Z.jpg)
map 14 -Camp Location 2025 RC.jpg	0.96 Mb	15-09-2025 14:21:30	Download (MERS/EPR-03963/Supporting information/Maps/map 14 -Camp Location 2025 RC_2025-09-15T04-51-30.368Z.jpg)

Figure Description	Document ID
Map 12 - Completed Drilling Greenewood 2025 RC	Map 12
Proposed Drill Area - Subject to final Drill results from Phase 1 with results currently Pending	Map 13
Camp Location (Sandstone/CFB Camp) and proximity to Greenewood/Mainwood	map 14 -Camp Location 2025 RC

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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Gawler Craton Project
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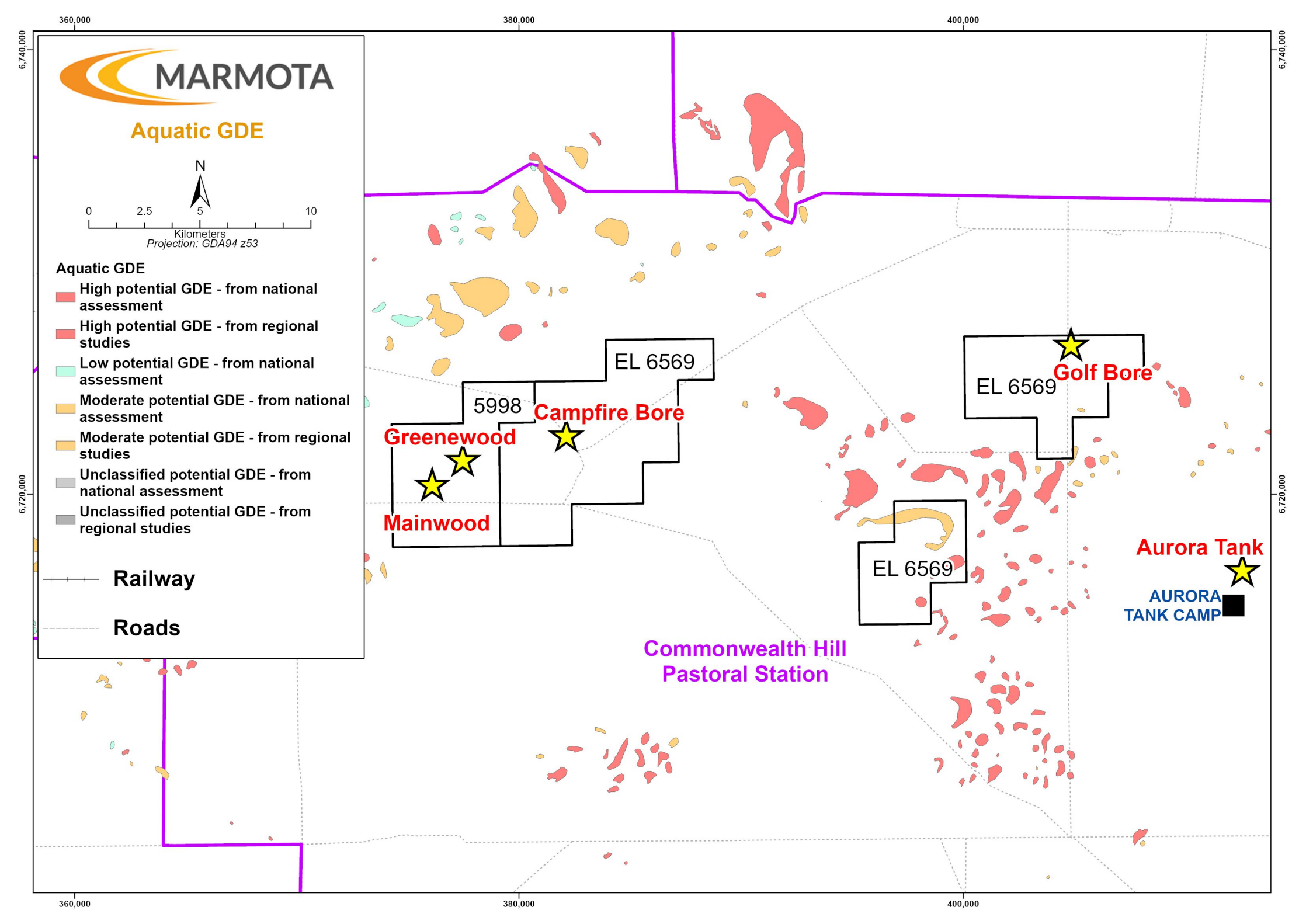
5
10
Kilometers
Projection: GDA94 z53
Water Well
Aurora Tank Camp
Proposed Drill Area Greenewood and Mainwood
Railway
Roads
Proposed Drill Area Golf Bore
Proposed Drill Area Campfire Bore
360,000
380,000
400,000
6,740,000
6,720,000
EL 6569
5998
Campfire Bore
Greenewood
Mainwood
JUBILEE BORE
SANDSTONE BORE OS
CAMPFIRE BORE
EL 6569
Golf Bore
96 GRWB 230
EL 6569
Aurora Tank
AURORA TANK CAMP
GC 6
WOORONG BORE NO.
WILDINGI PADDOCK BORE (NO.127 SP)
GOLF BORE
SKYE BORE
WOORONG 9
GARFORD 2
V PULL
PIRSA GWATER
GARFORD 3
ASHLEY
GARFORD 1
Commonwealth Hill Pastoral Station
IBORE 20 S.P.
BORE 2 S.P.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2.5
5
10
Kilometers
Projection: GDA94 z53
Aquatic GDE
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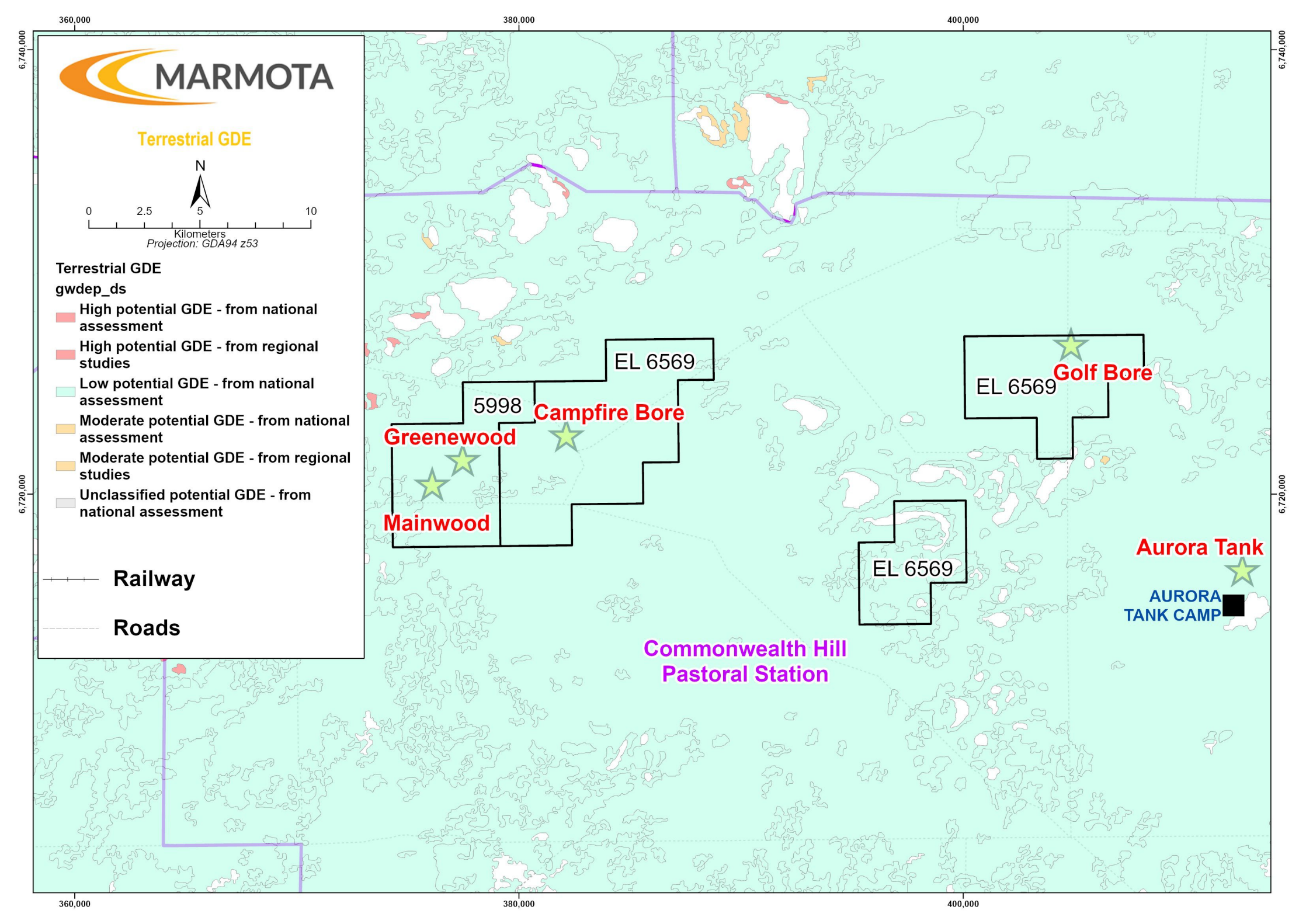
High potential GDE - from regional studies
Low potential GDE - from national assessment
Moderate potential GDE - from national assessment
Moderate potential GDE - from regional studies
Unclassified potential GDE - from national assessment
Unclassified potential GDE - from regional studies
Railway
Roads
360,000
380,000
400,000
6,740,000
6,720,000
EL 6569
5998
Campfire Bore
Greenewood
Mainwood
EL 6569
Golf Bore
EL 6569
Aurora Tank
AURORA
TANK CAMP
Commonwealth Hill
Pastoral Station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gwdep_ds
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High potential GDE - from regional studies
Low potential GDE - from national assessment
Moderate potential GDE - from national assessment
Moderate potential GDE - from regional studies
Unclassified potential GDE - from national assessment
Railway
Roads
360,000
380,000
400,000
6,740,000
6,720,000
EL 6569
5998
Campfire Bore
Greenewood
Mainwood
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Golf Bore
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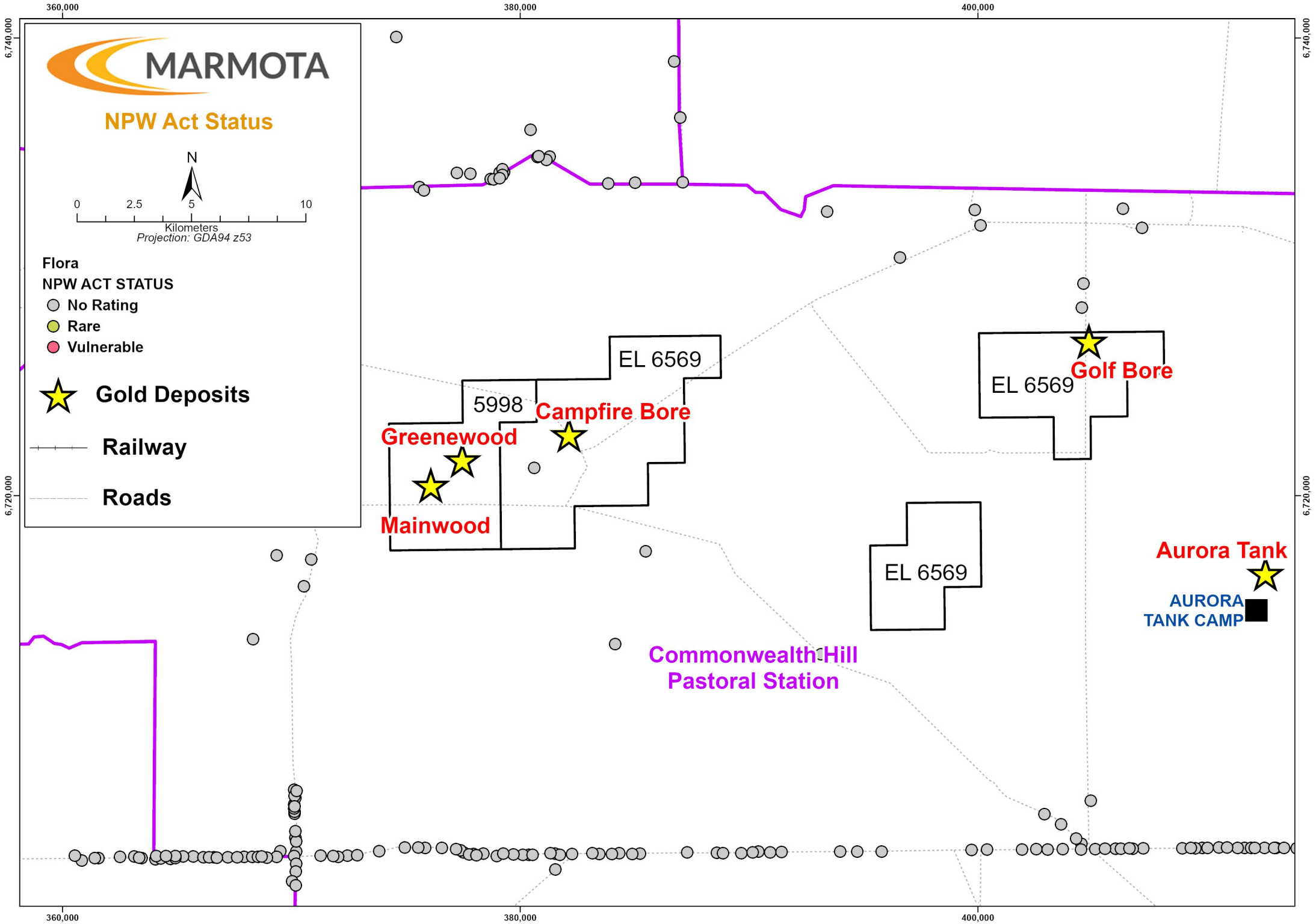
Aurora Tank
AURORA
TANK CAMP
Commonwealth Hill
Pastoral Station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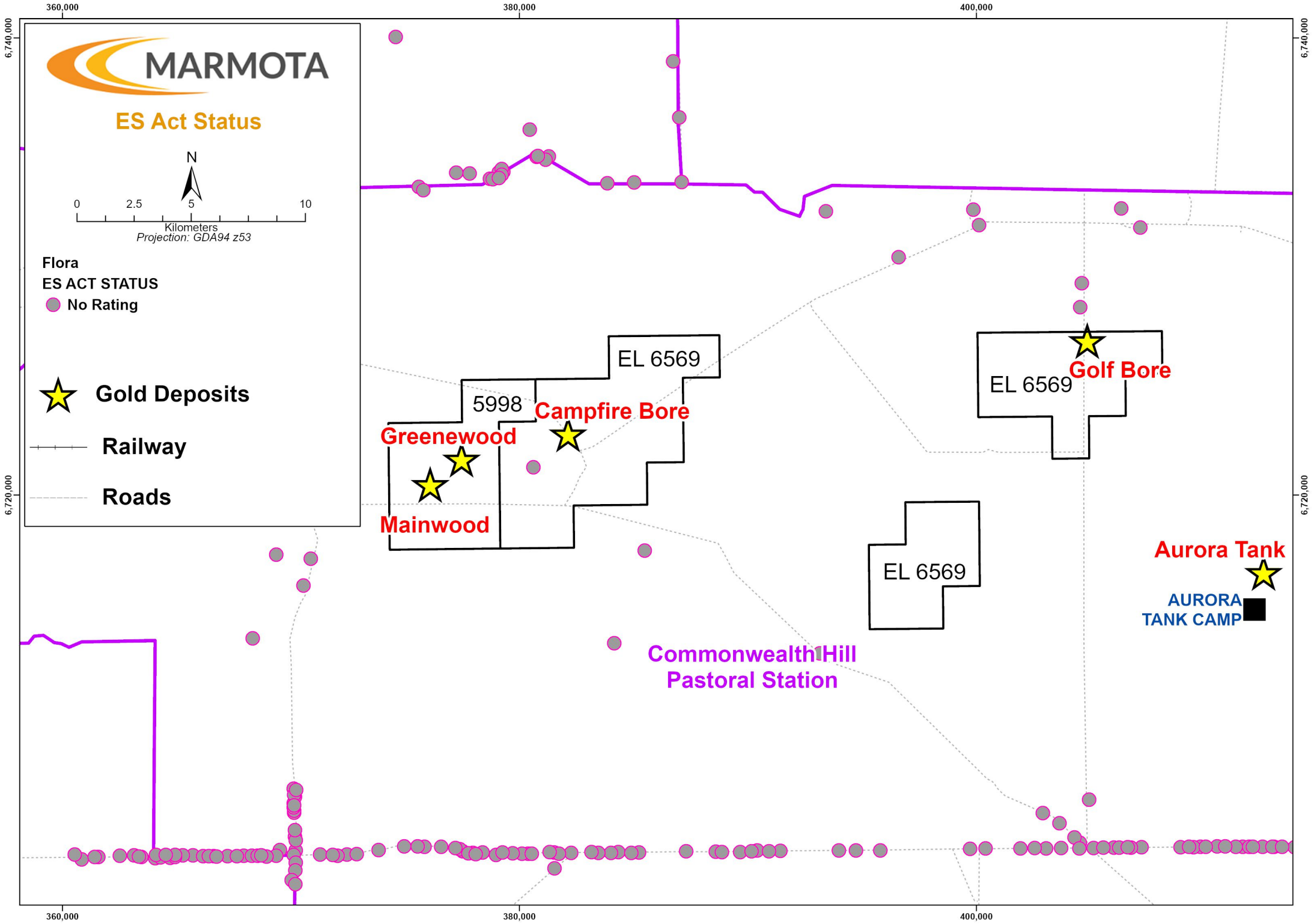
2.5
5
10
Kilometers
Projection: GDA94 z53
Flora
NPW ACT STATUS
No Rating
Rare
Vulnerable
Gold Deposits
Railway
Roads
360,000
380,000
400,000
6,740,000
6,720,000
EL 6569
5998
Campfire Bore
Greenewood
Mainwood
EL 6569
Golf Bore
EL 6569
Aurora Tank
AURORA
TANK CAMP
Commonwealth Hill
Pastoral Station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ES Act Status
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0
2.5
5
10
Kilometers
Projection: GDA94 z53
Flora
ES ACT STATUS
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Railway
Roads
360,000
380,000
400,000
6,740,000
6,720,000
EL 6569
5998
Campfire Bore
Greenewood
Mainwood
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Golf Bore
EL 6569
Aurora Tank
AURORA
TANK CAMP
Commonwealth Hill
Pastoral Station

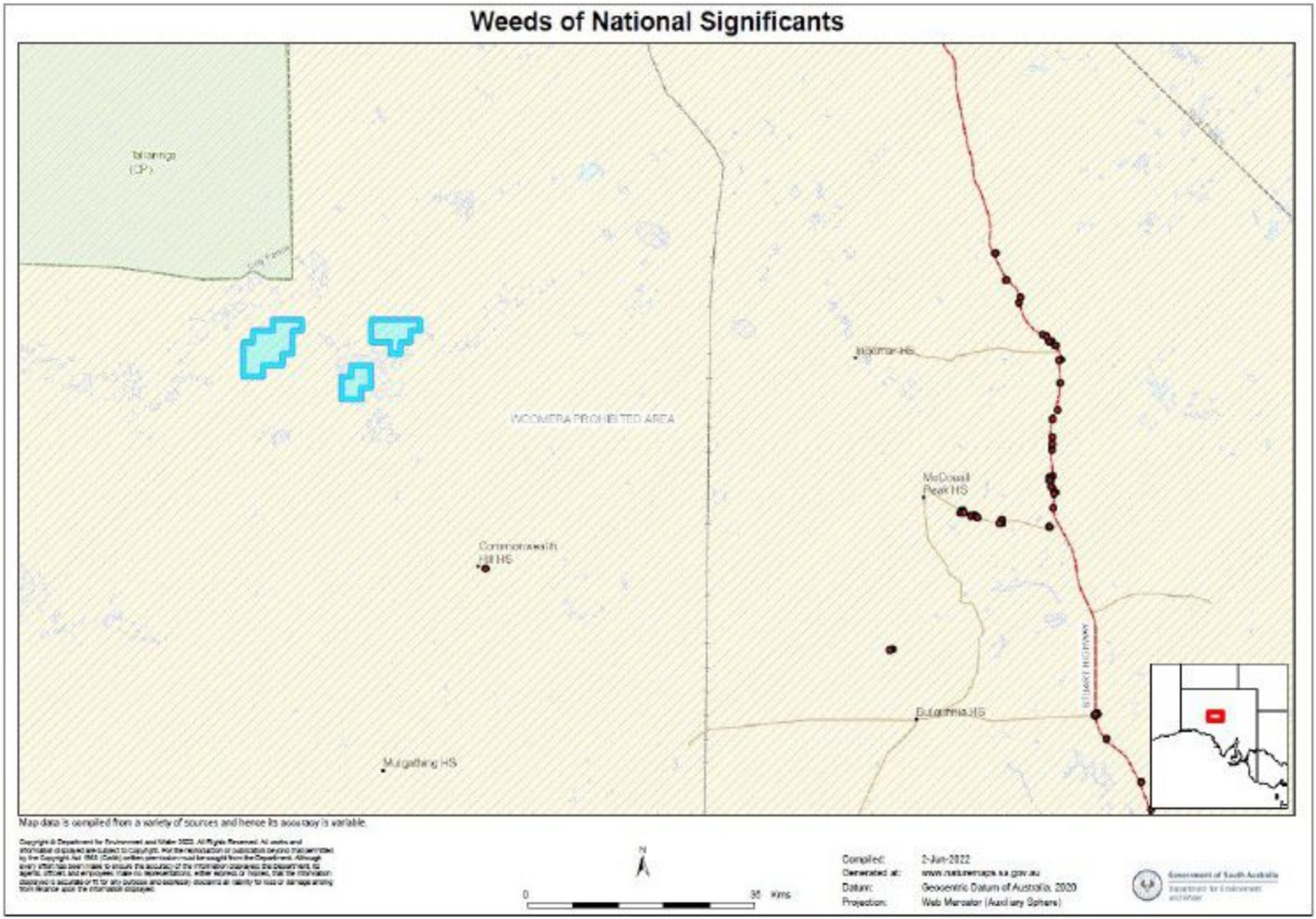


Figure 7- Weeds of National Significants from Nature Maps on highway

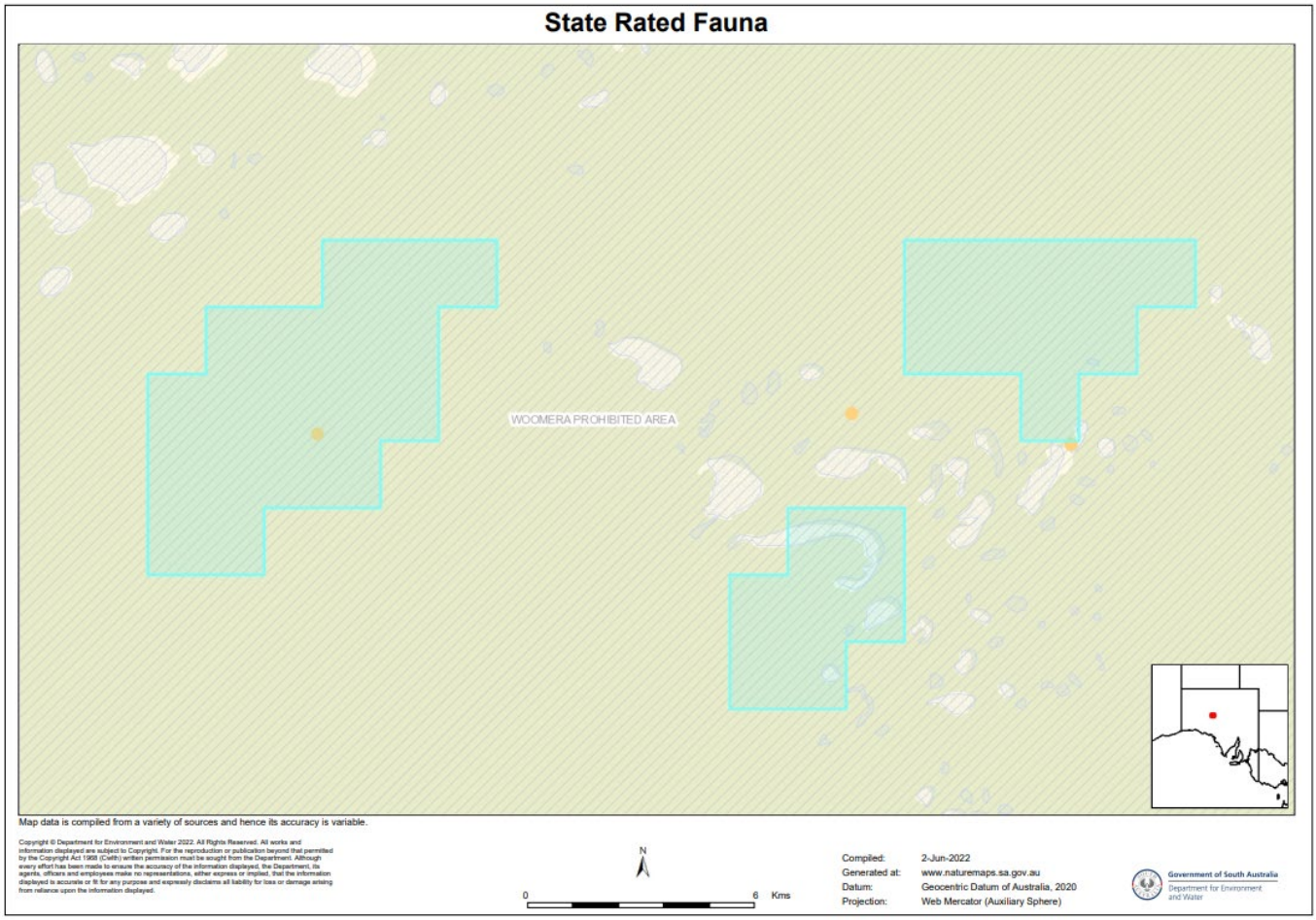
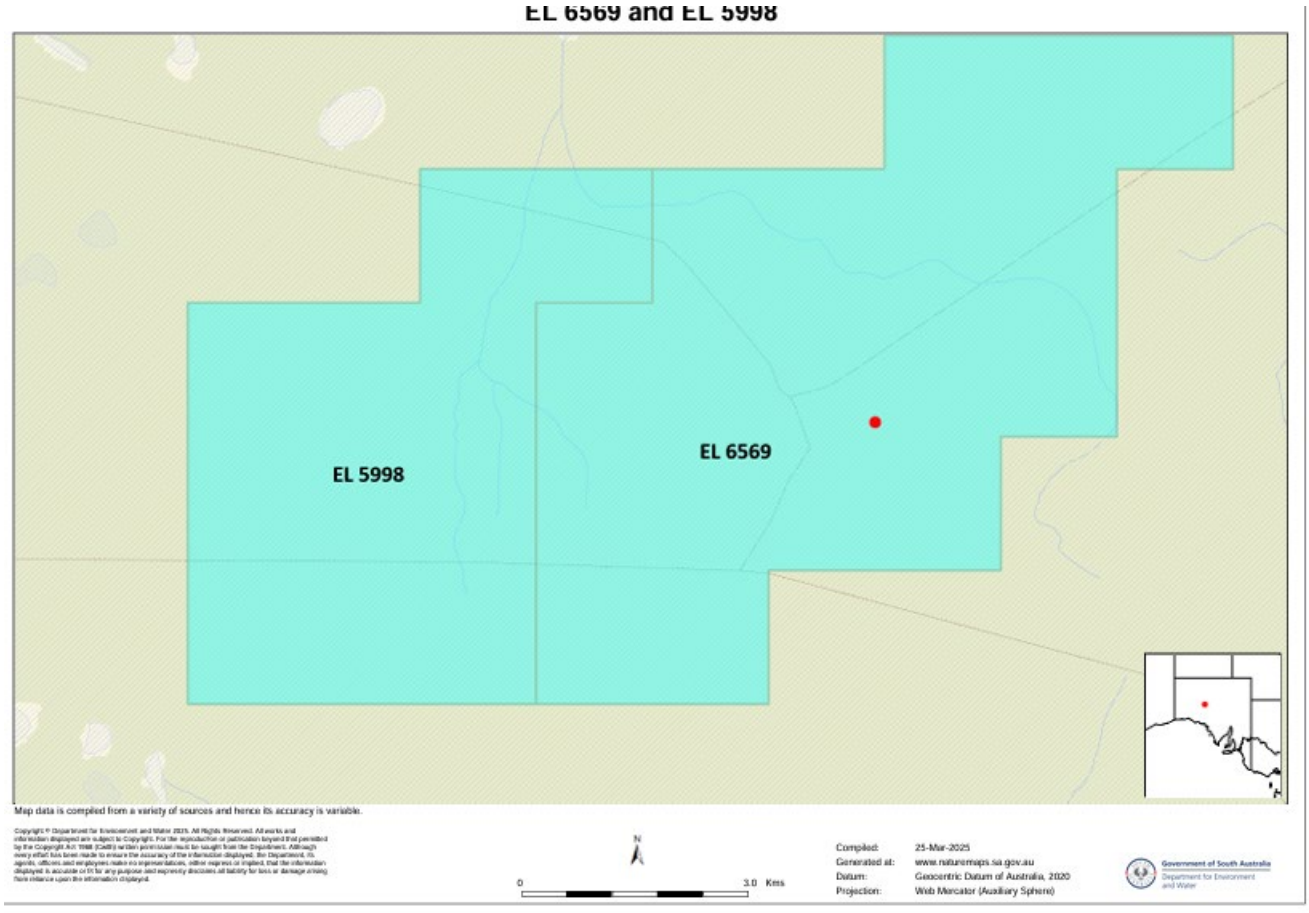


Figure 8 (ABOVE) – State Rated Fauna over EL 6569 from Nature Maps and UPDATED (BELOW) to include EL 5998 – STATE or NATIONAL RATING FAUNA



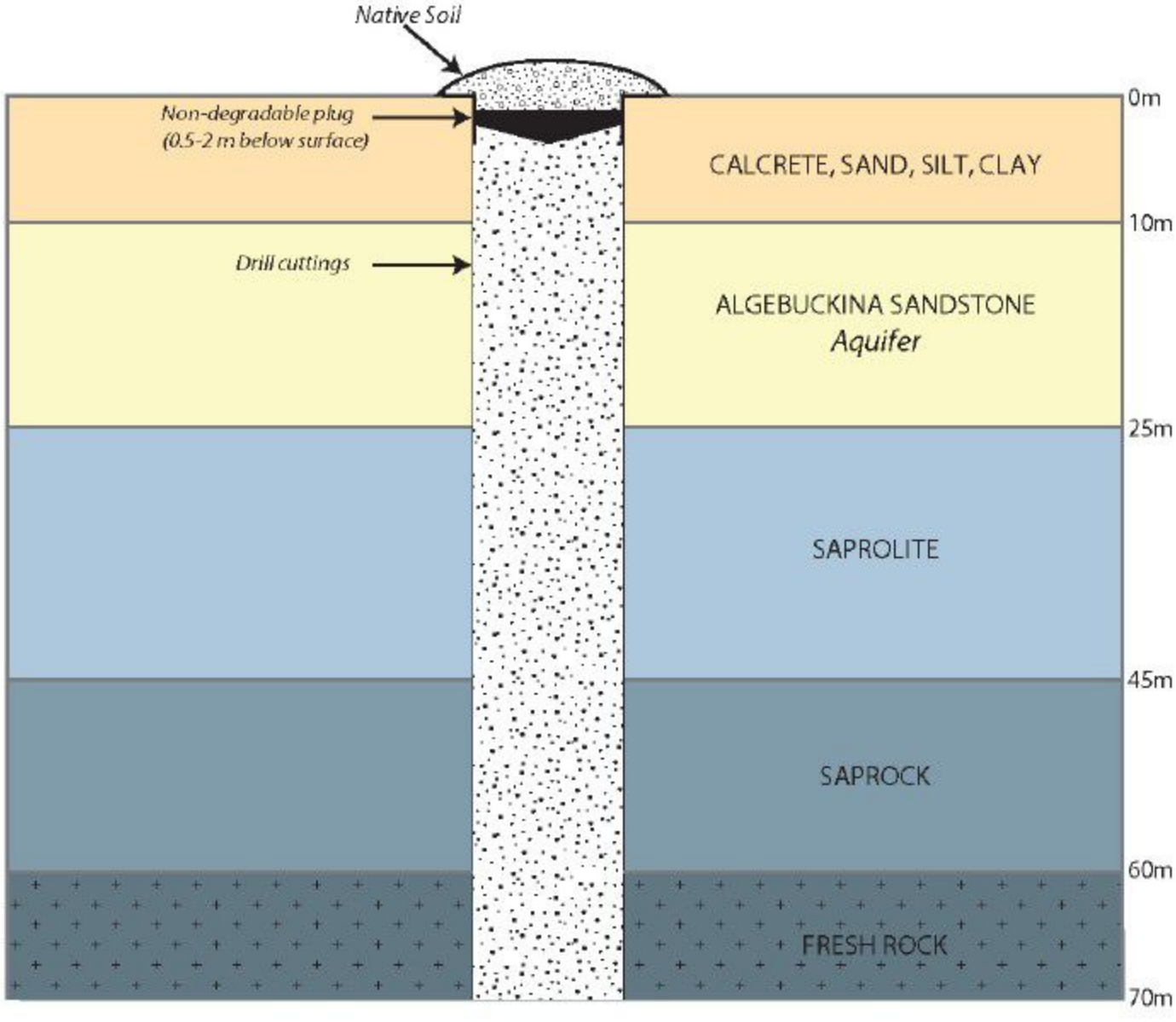
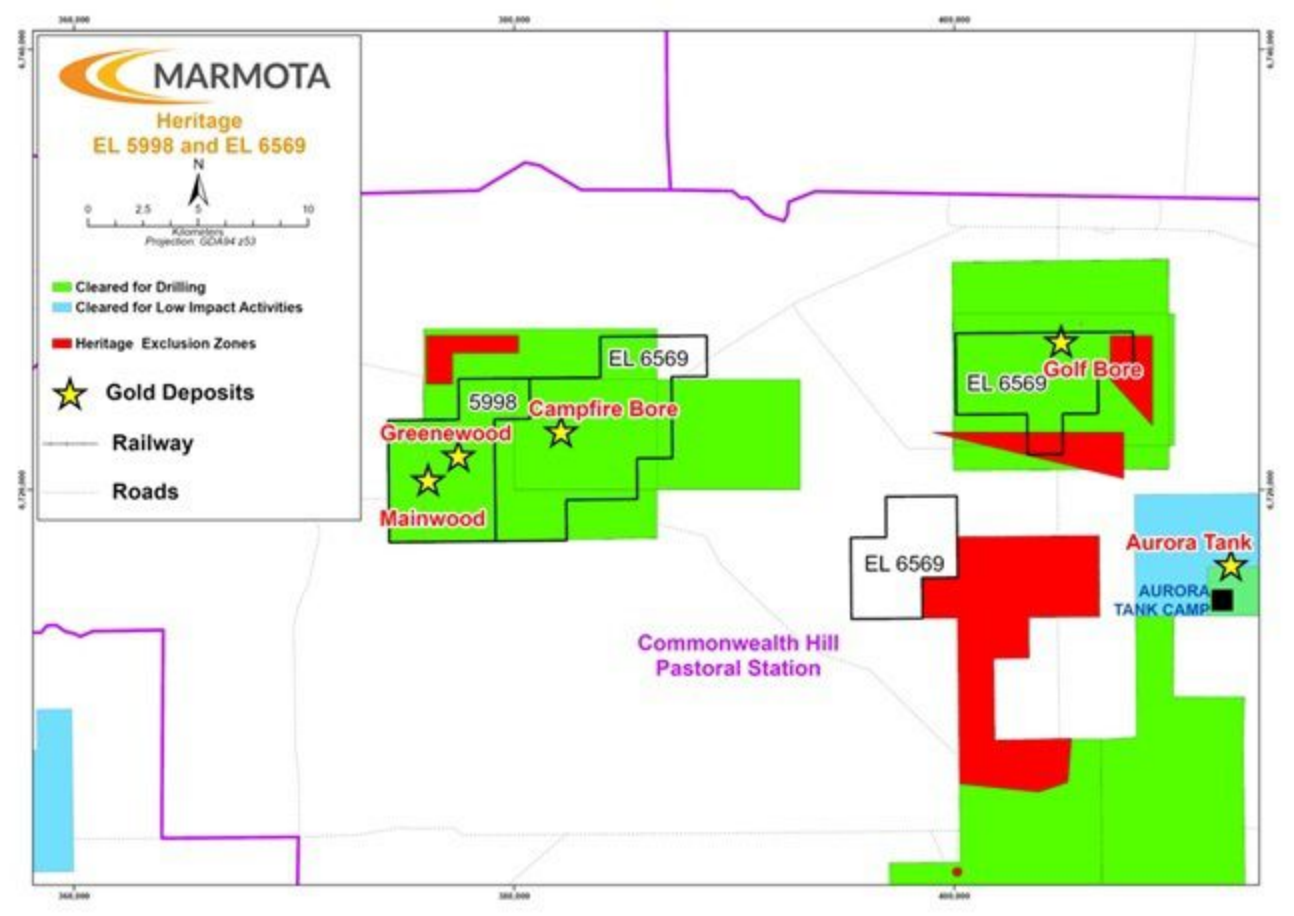


Figure 10 – Decommissioning Drill Hole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Heritage
EL 5998 and EL 6569
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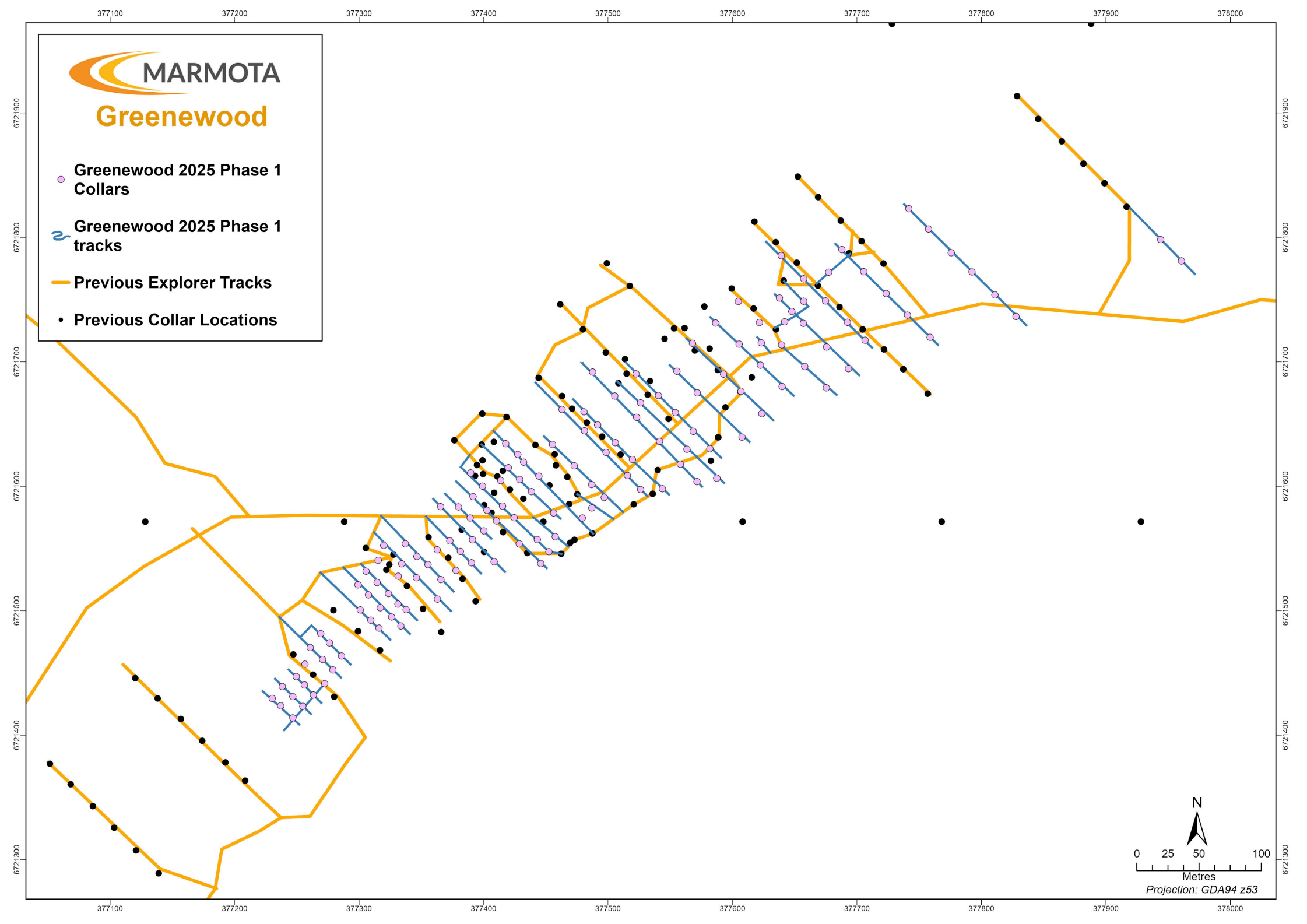
0
2.5
5
10
Kilometers
Projection: GDA94 z53
Cleared for Drilling
Cleared for Low Impact Activities
Heritage Exclusion Zones
Gold Deposits
Railway
Roads
EL 6569
5998
Campfire Bore
Greenewood
Mainwood
EL 6569
Golf Bore
EL 6569
Aurora Tank
AURORA
TANK CAMP
Commonwealth Hill
Pastoral Station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Greenewood
Greenewood 2025 Phase 1 Collars
Greenewood 2025 Phase 1 tracks
Previous Explorer Tracks
Previous Collar Locations
377100
377200
377300
377400
377500
377600
377700
377800
377900
378000
6721900
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Metres
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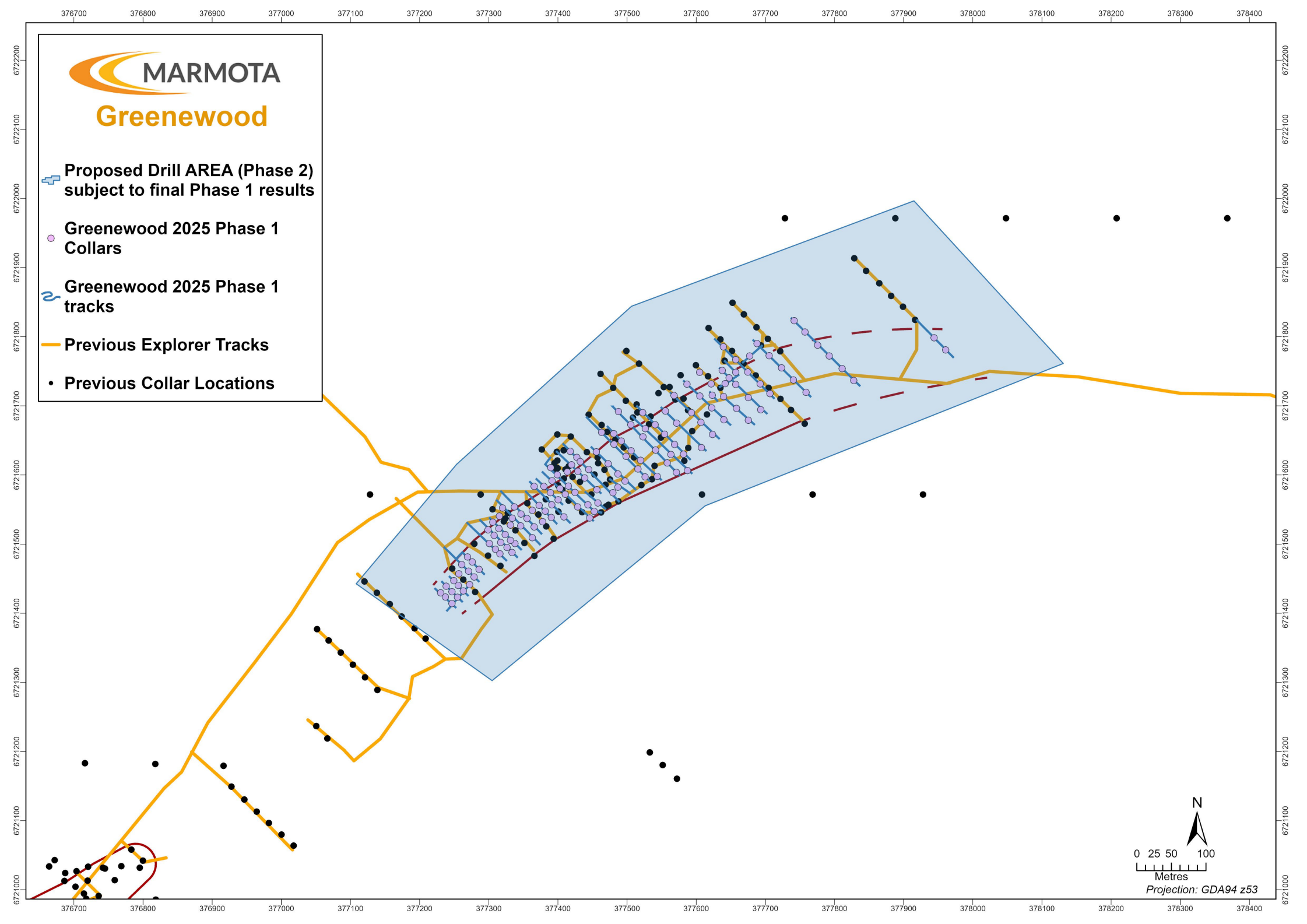
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Greenewood
Proposed Drill AREA (Phase 2) subject to final Phase 1 results
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Greenewood 2025 Phase 1 tracks
Previous Explorer Tracks
Previous Collar Locations
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6722200 6722100 6722000 6721900 6721800 6721700 6721600 6721500 6721400 6721300 6721200 6721100 6721000
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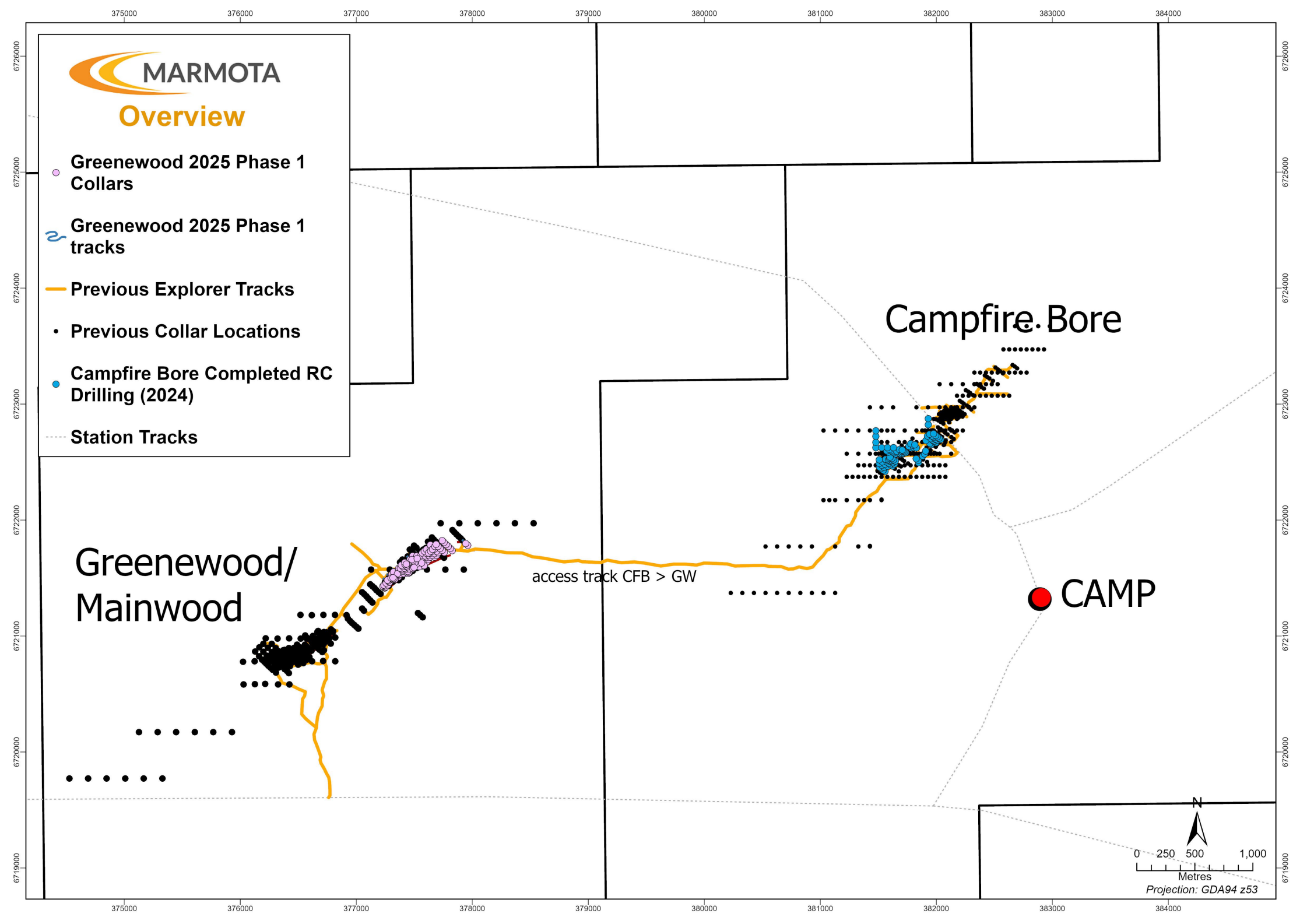
Metres
Projection: GDA94 z53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Overview
Greenewood 2025 Phase 1 Collars
Greenewood 2025 Phase 1 tracks
Previous Explorer Tracks
Previous Collar Locations
Campfire Bore Completed RC Drilling (2024)
Station Tracks
Campfire Bore
Greenewood/ Mainwood
access track CFB > GW
CAMP
N
0 250 500 1,000
Metres
Projection: GDA94 z53
375000
376000
377000
378000
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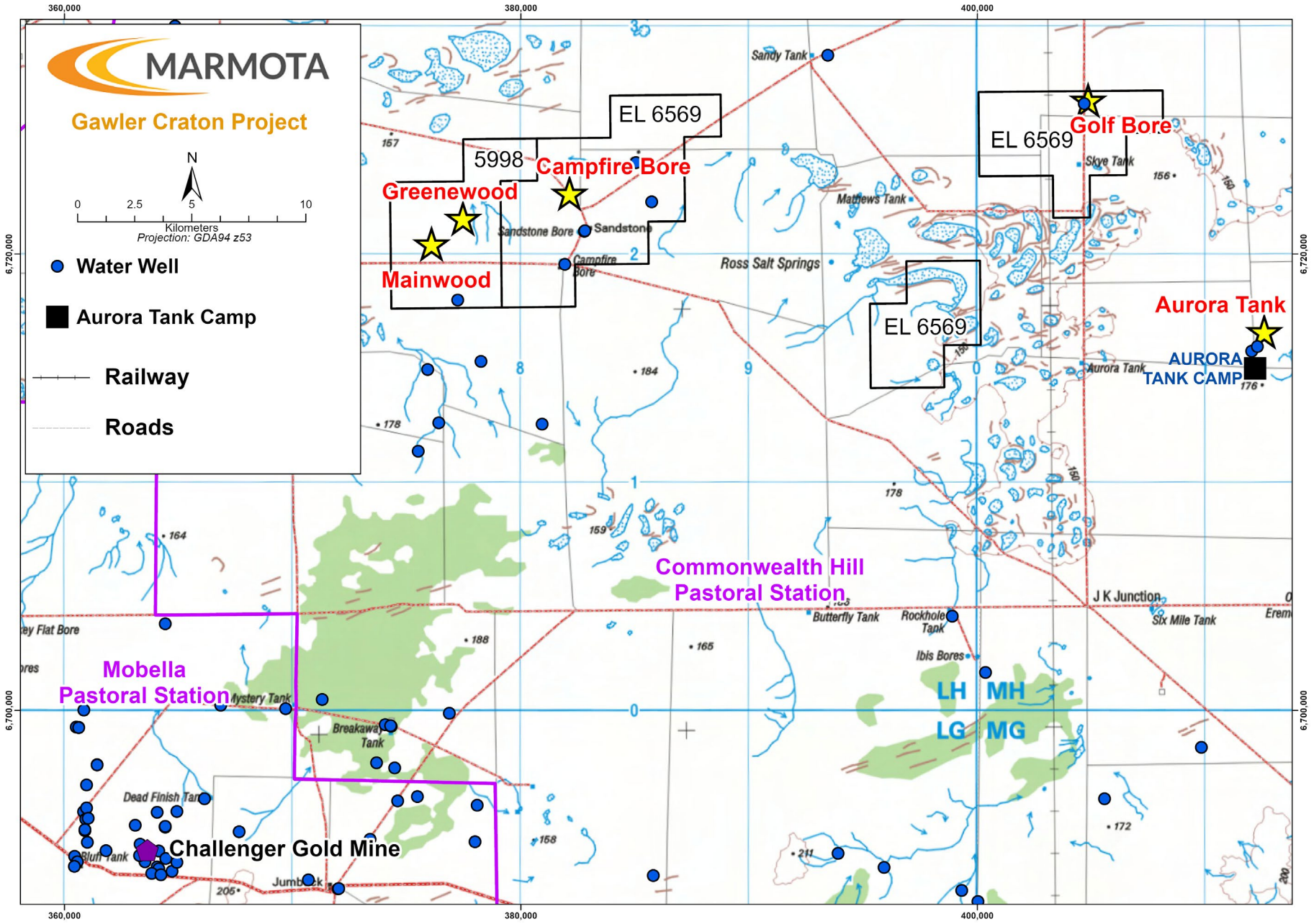

Figure 1 - Proximity of Proposed Drill Area Campfire Bore and Golf Bore with Housing and Infrastructure. Updated to include EL 5998