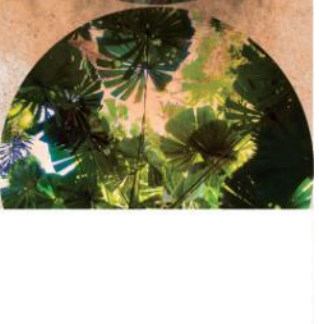
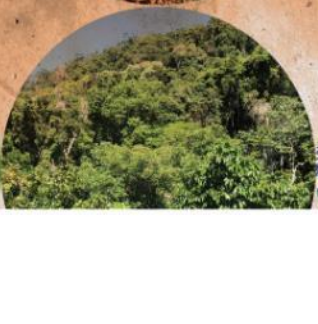




GUNDARY SOLAR FARM

PRELIMINARY SITE INVESTIGATION – LAND CONTAMINATION

Report Number: MS-200_Final
Prepared for: Umwelt Australia Pty Ltd
Prepared by: Minesoils Pty Ltd

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PREPARED BY

Minesoils Pty Ltd
ABN 84 627 497 509

-  0408 474 248
-  clayton@minesoils.com.au
-  www.minesoils.com.au
-  Tamworth NSW 2340

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DOCUMENT CONTROL

Reference	Date	Prepared by	Approved
MS-200_Draft	13/08/2025	Jake Iskenderian	Matt Hemingway
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1 INTRODUCTION

1.1 OVERVIEW

Minesoils Pty Ltd (Minesoils) was engaged by Umwelt Australia Pty Ltd (Umwelt) to conduct a Preliminary Site Investigation (PSI) of the proposed Gundry Solar Farm (the Project). The Project is a State Significant Development (SSD) under State Environmental Planning Policy (Planning Systems) 2021 (NSW) (Planning Systems SEPP), SSD-48225958.

The PSI has been prepared in accordance with the *State Environmental Planning Policy (Resilience and Hazards) 2021, Chapter 4 Clause 4.6: Contamination and remediation to be considered in determining development application* and *National Environment Protection Council (NEPC) National Environment Protection (Assessment of Site Contamination) Measure, NEPM Amendment 2013 No. 1* (NEPC, 1999).

This PSI has been completed to assess impacts of ground surface disturbance up to approximately 512 ha that is the Development Footprint, including the construction compound area and laydown areas, contained within the Project Area. It provides insight into potential human and environmental risks based on previous and current land uses.

1.2 PROJECT BACKGROUND

The Project is located in Gundry NSW, approximately 10 kilometres south-east of Goulburn, in the Goulburn Mulwaree Local Government Area Local Government Area (LGA), within the Southern Tablelands region (**Figure 1**).

The Project would involve the construction, operation, maintenance and decommissioning of a 400 Megawatt peak (MWp) solar farm with a Battery Energy Storage System (BESS) of up to 555 MWp capacity and associated infrastructure to connect the Project to the national electricity grid.

Subject to final design, the Project would comprise the following key elements:

- Approximately 660,000 bifacial flat plate solar PV modules in single-axis tracking arrangement with a maximum height of 3 metres (m) above ground level, occasionally reaching up to 4 m depending on the topography.
- A lithium-ion BESS to store energy generated by the Project, comprising one of the following options:
 - 325 MWp/650 MWh centralised alternating current (AC) BESS.
 - 230 MWp/920 MWh decentralised direct current (DC) BESS.
 - combined centralised AC and decentralised DC BESS with a total capacity of 555 MWp/1,570 MWh.
- Onsite 33/330 kV substation and switching station, to be managed by TransGrid, with underground electrical conduits and cabling leading from the solar panels into the substation yard, and overhead lines reaching above to the existing 330 kV transmission line.
- Internal gravel access tracks, including several watercourse crossings (via culverts and bed level crossings) within the Project Area, where required, to manage existing surface water flows.
- Temporary ancillary facilities, including a construction compound (including office amenities, parking and storage) and laydown areas.
- Permanent site office, operations and maintenance building with parking for the operations team.
- Primary access point from the existing driveway off Windellama Road, with proposed intersection works on Windellama Road to upgrade the Project access to accommodate heavy vehicles.
- Emergency access point via the existing entrance off Koorringaroo Road proposed on the east (for emergencies only).
 - Perimeter security fencing with emergency access points (via gates), a 10 m Asset Protection Zone (APZ) and dedicated non-combustible water tanks with a combined capacity of 180,000 L distributed throughout the Project Area.



Construction and commissioning will take approximately 18-24 months with a peak period of approximately 9 months towards the middle of the construction period. Site preparation and Project construction is planned to commence in early 2026, pending environmental approvals, licensing and completion of design and procurement processes. The Project is anticipated to have an operational life of 40 years. Decommissioning would occur at the end of its operational life. The general Project layout is shown in **Figure 2**.

1.3 OBJECTIVES

The objectives of this PSI are to:

- Identify past and present potentially contaminating activities and contamination types.
- Assess potential contamination sources, pathways and receivers within the Development Footprint.
- Determine potential areas of concern and contaminants of concern and assess the risks posed by potential contamination for the Project.
- Identify areas where further investigation and/or management may be required.

1.4 SCOPE OF WORK

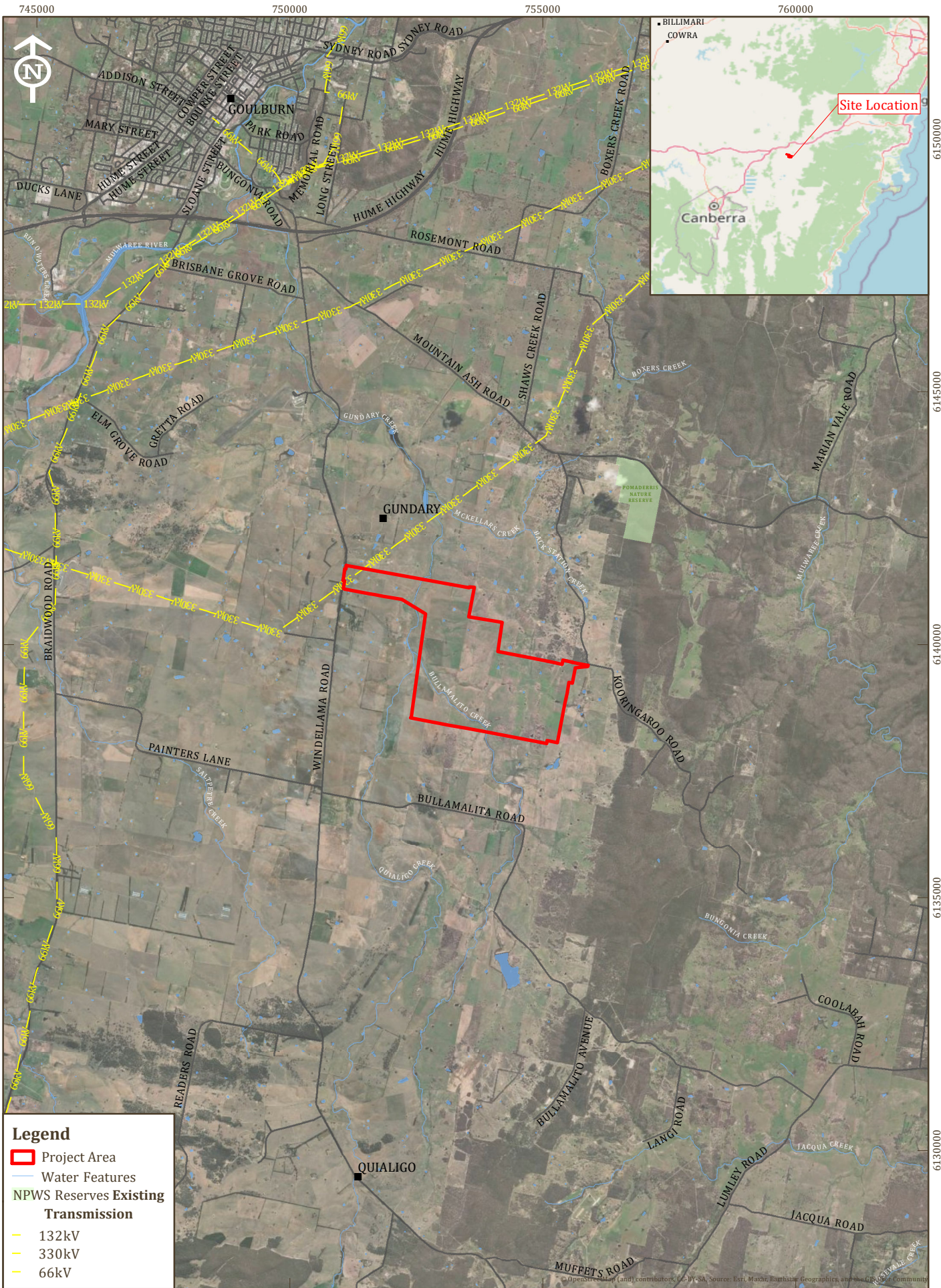
The PSI was carried out with consideration of:

- *Managing Land Contamination Planning Guidelines SEPP 55 – Remediation of Land* (Department of Urban Affairs and Planning, 1998)
- *Consultants Reporting on Contaminated Land: Contaminated Land Guidelines* (NSW Environment Protection Authority [EPA], 2020)

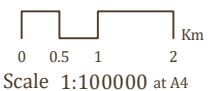
To meet the objectives, the scope of work comprised of the following:

- Review of published data associated with the site to establish the site environmental setting and sensitivity. This included a review of the following documentation reported by Lotsearch (2025) including:
 - Groundwater bore databases;
 - Goulburn Mulwaree LGA planning information;
 - Historical business directories;
 - Local geological maps;
 - Historical business directories; and
 - Publicly available data bases held by the NSW Environment Protection Authority (NSW EPA), i.e. listed as a Notified Site on NSW EPA website for contaminated sites.
- Review of historical aerial imagery.
- Reference previous Minesoils site inspection Gundry Solar Farm Soils, Land and Agricultural Impact Assessment (SLAIA) (Minesoils 2024).
- A visual site inspection.
- Development of a conceptual site model (CSM) assessing source, pathway and receptor linkages.



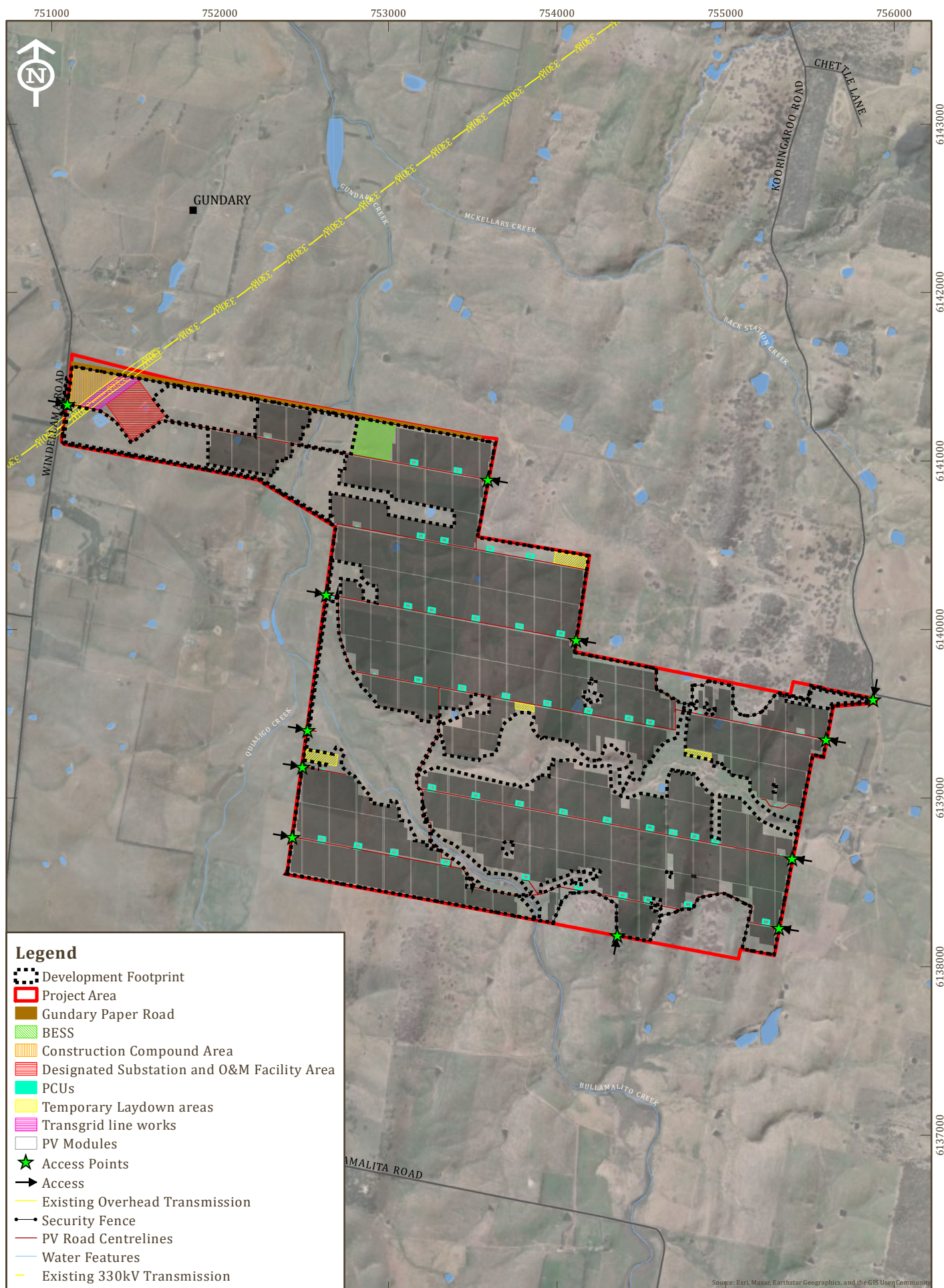


GDA 1994 MGA Zone 55



Regional Context

FIGURE 1



MINE SOILS
LAND & REHABILITATION SPECIALISTS

GDA 1994 MGA Zone 55

Project Area

FIGURE 2

2 SITE DESCRIPTION

2.1 SITE IDENTIFICATION

The Project is located at 961 Windellama Road, Gundary NSW, within the Goulburn Mulwaree LGA. The Project Area is approximately 702 ha and comprises (wholly or partly) five (5) freehold cadastral lots, hosted by one (1) landholder, listed below.

- Part of Lot 3 DP 1238347
- Lot 12 DP 1016332
- Lot 1 DP 870101
- Lot 2 DP 1187724
- Lot 80 DP 750018

The Project Area further includes a small section of Windellama Road (including the road reserve) at the Project's primary access point.

Within these lots, the Development Footprint would occupy up to 512 hectares (ha), making up approximately 73% of the Project Area, as presented in **Figure 2**. The Project Area is bounded by Windellama Road on the west for approximately 500 m with Koorngaroo Road bordering the northeast corner of the Project Area. Primary access to the Project would be via Windellama Road.

2.2 LAND USE

Under the Goulburn Mulwaree Local Environmental Plan (LEP) 2009, land within the Development Footprint, and larger Project Area, is zoned Rural Use (RU1) – Primary Production. The land has been subject to extensive vegetation clearing associated with historic agricultural land uses. Current land use comprises grazing land with occasional cultivation and is consistent with the surrounding locality (Minesoils 2024).

2.3 SITE BOUNDARIES

Land use surrounding the Project Area is zoned RU1 Primary Production under the Goulburn Mulwaree LEP 2009 and is characterised predominantly by cleared agricultural lands, rural residential areas, small settlements, and conservation areas. Agriculture is the primary land use in the surrounding area, which is predominantly made up of livestock grazing (sheep and cattle).

2.4 SENSITIVE ECOLOGICAL RECEPTORS

No lakes or associated wetland ecosystems occur within the Development Footprint, or larger Project Area. The closest wetland, 'Goulburn Wetlands', is approximately 10 km northwest of the Project area.

A number of mapped creeks traverse through the Project Area, including:

- Gundary Creek, traversing through the western part of the Project Area; and
- Bullamalito Creek, traversing through the southwestern of the Project Area.

Vegetation mapping contained within the Biodiversity Development Assessment Report (BDAR) (Umwelt, 2024) prepared for the Project indicates that four Plant Community Types (PCTs) occur across the Project Area and areas of planted native trees. The PCTs include:

- Inland Scribbly Gum – Brittle Gum low woodland of the eastern tablelands, South Eastern Highlands Bioregion;
- Snow Gum – Candle Bark woodland on broad valley flats of the tablelands and slopes, South Eastern Highlands Bioregion.;



- Wallaby Grass – Red-grass – Tall Speargrass – Kangaroo Grass dry tussock grassland of the North-western and Eastern Southern Tablelands in the South Eastern Highlands Bioregion; and
- Yellow Box – Blakely's Red Gum grassy woodland on the tablelands, South Eastern Highlands Bioregion.

Biodiversity assessment (Umwelt, 2024) identified the following Threatened Ecological Communities (TECs) present in the Project Area:

- Monaro Tableland Cool Temperate Grassy Woodland in the South Eastern Highlands Bioregion (CEEC)
- Werriwa Tablelands Cool Temperate Grassy Woodland in the South Eastern Highlands and South East Corner Bioregions (CEEC)
- White Box - Yellow Box - Blakely's Red Gum Grassy Woodland and Derived Native Grassland in the NSW North Coast, New England Tableland, Nandewar, Brigalow Belt South, Sydney Basin, South Eastern Highlands, NSW South Western Slopes, South East Corner and Riverina Bioregions (CEEC).
-

The closest national park, state park or nature reserve is the Pomaderris Nature Reserve (covering 100 ha) which is approximately 3.5 km northeast of the Project Area.

2.5 TOPOGRAPHY

The Project is located in the Southern Tablelands region, in the southern ranges of New South Wales, which stretches from the lower Blue Mountains to Wyangla Dam in the north, Burrinjuck Dam in the south-west to the Shoalhaven River in the east and borders onto the northeast of the Australian Capital Territory. The Southern Tablelands encompasses an area of 14,551 square kilometres comprising of Yass Valley, Goulburn/Mulwaree and Upper Lachlan. The topography varies significantly across the Region and includes the coastal escarpment to the east, an undulating and rolling plains through much of the central and west area and high mountain ranges in the north and south, with altitudes ranging from between 560 and 1200 metres. A large percentage of the area is used for agricultural purposes (livestock and cropping) with the remainder made up of villages, towns and rural subdivisions (Minesoils 2024 and RFS 2024).

2.6 SITE INVESTIGATION

A summary of observations and findings during the initial site investigation, undertaken in August 2025, is described **Section 6**. No other site investigations regarding contamination were undertaken in preparation of this PSI report.



3 SITE HISTORY

The following sections include a summary of the site history as recorded by the third-party database report (Lotsearch, 2025) and other relevant publicly available licences, registers, records, databases or mapping pertinent to the site. The complete Lotsearch (2025) report is provided as **Appendix 1**.

3.1 NSW EPA LICENCES, REGISTERS AND RECORDS

The review of environmental registers, licences and incidents from the contaminated land public register undertaken by Lotsearch (2025) confirms that there are no identified contaminated sites within the Project Area. The results of NSW EPA Contaminated Land registers relevant to the site is summarised in **Table 1** below and presented in **Appendix 1**.

Table 1 Summary of NSW EPA, Licences, Registers and Records

Information	Description
Licences	No current licences are recorded within or near the Project Area. The following former Licensed Activities are recorded within the Project Area: • Licence No. 4653 held by Luhrmann Environment Management Pty Ltd. Other activities/non-scheduled activity – application of herbicides, within the Project Area. • Licence No. 4838 held by Robert Orchard. Other activities/non-scheduled activity – application of herbicides, within the Project Area. • Licence No. 6630 held by Sydney Weed & Pest Management Pty Ltd. Other activities/non-scheduled activity – application of herbicides, within the Project Area.
Clean Up, Penalty Notices and Orders	No properties within or near the Project Area have received clean up or penalty notices.
EPA Records	No properties within or near the Project Area are included on: • List of NSW contaminated sites notified to EPA • Contaminated Land: Record of Notices

3.2 SITES REGULATED BY OTHER JURISDICTIONAL BODIES

No contaminated sites of the following type have been identified within or near the Project Area (Lotsearch, 2025):

- Former gasworks sites
- Waste management & liquid fuel facilities
- PFAS sites
- Defence sites and unexploded ordnance
- EPA other sites with contamination issues

No current or historical mines or quarries were reported in the Lotsearch report.



3.3 HISTORICAL AERIAL IMAGERY

Historical aerial imagery of the site and surrounding areas was obtained by Lotsearch (2025). Available imagery accessed included 1941, 1952, 1967, 1978, 1989, 1997, 2006, 2013 and 2023. The imagery showed that the site and surrounding land have predominantly been cleared for agricultural use since the first available image from 1941 and is summarised in **Table 2** and presented in **Appendix 1**.

Table 2 Historical Aerial Imagery

Date	Comments
1941	The area and its surrounds are largely cleared of vegetation with evidence of agricultural land use, primarily livestock grazing, which appears to be the predominant land use. Individual trees can be seen scattered throughout the Project Area with numerous watercourses traversing the site. Windellama Road can be seen bordering the western boundary. Residential properties can be seen adjacent to the Project Area to the west and northwest.
1952	The site and immediate surrounding areas appear largely unchanged. Agricultural use is still the predominant land use of the site and immediate surrounding areas. Access tracks can be seen throughout the Project Area.
1967	The site and immediate surrounding areas appear largely unchanged. Agricultural use is still the predominant land use of the site and immediate surrounding areas. A residential property can be seen adjacent to the Project Area to the east as well as an access track (now Kooruingaroo Road) bordering the east boundary.
1978	The site and immediate surrounding areas appear largely unchanged. Agricultural use is still the predominant land use of the site and immediate surrounding areas.
1989	The site and immediate surrounding areas appear largely unchanged. Agricultural use is still the predominant land use of the site and immediate surrounding areas.
1997	The site and immediate surrounding areas appear largely unchanged. Agricultural use is still the predominant land use of the site and immediate surrounding areas.
2006	The site and immediate surrounding areas appear largely unchanged. Agricultural use is still the predominant land use of the site and immediate surrounding areas. A transmission line easement is clearly visible in the north western corner of the site.
2013	The site and immediate surrounding areas appear largely unchanged. Agricultural use is still the predominant land use of the site and immediate surrounding areas.
2023	The site and immediate surrounding areas appear largely unchanged. Agricultural use is still the predominant land use of the site and immediate surrounding areas.

3.4 POTENTIALLY CONTAMINATING BUSINESSES

The third-party database search undertaken by Lotsearch (2025) considers a wide range of potentially contaminating activities undertaken by businesses or industries that have occurred within the site or within close proximity to the site. A summary of potentially contaminating business activities is summarised in **Table 3** below.

Table 3 Potentially Contaminating Activities

Year	Activity	Premise	Location
1950	Carrier & Cartage Contractor	Fife, A., Windellama Rd., Gundry, via Goulburn	On-site (Windellama Road)



3.5 DANGEROUS GOODS SEARCH

Based on the predominant current and historical agricultural use of the site and surrounding area, a dangerous goods search was not deemed necessary.

3.6 SITE HISTORY SUMMARY

The site history review identified that the site and surrounding area have historically been extensively cleared for agricultural use, most likely livestock grazing.

3.7 PREVIOUS INVESTIGATIONS

Minesoils is not aware of any previous contamination or geotechnical assessments that have been completed for the site. However, investigations of soil for the purposes of completing a SLAIA were undertaken by Minesoils in 2024 in preparation of the EIS.



4 GEOLOGY AND HYDROGEOLOGY

4.1 GEOLOGY

The Southern Tablelands lie within the southern portion of the Lachlan Fold Belt. Ordovician rocks are the oldest and most extensive. They are usually sharply dipping and tightly folded metasediments. Silurian volcanics comprising a range of tuffaceous and rhyolitic materials and granitic intrusions are also common. Fluvial sands and gravels of the ancient Shoalhaven River system occur extensively in the Braidwood Area. Common lithologies include siltstones, quartzites, rhyolites, tuffs and alluvium (Minesoils 2024).

Surficial geology mapping (Geoscience Australia, 2016) shows that the geology of the Project Area and surrounding region consists of the following elements (refer **Figure 3**):

- Early Devonian Bindook Group – rhyolitic to dacitic welded ignimbrite and lava, turbiditic quartzose and volcanic sandstone and siltstone; minor conglomerate, limestone blocks, felsic volcanic breccia and intrusives.
- Quaternary Alluvium – channel and flood plain alluvium; gravel, sand, silt, clay; may be locally calcreted
- Wenlock to Lochkovian Mount Fairy Group - rhyolite to dacite flows and intrusives, dacitic tuff and breccia, rhyodacitic ignimbrite, pyroxene andesite, basalt, mafic volcanic breccia, felsic and mafic volcanoclastic conglomerate and sandstone, quartzose sandstone, siltstone and shale, limestone.

The soil survey undertaken by Minesoils (2024) found the Project Area to contain three dominant soil mapping units, listed below and shown on **Figure 4**.

- Soil Unit 1: Sodosols – covering 570 ha.
- Soil Unit 2: Chromosols – covering 87 ha.
- Soil Unit 3: Dermosols – covering 45 ha.

4.2 ACID SULFATE SOILS

The SLAIA (Minesoils 2024) found that due to the land elevation and distance from the coast, in conjunction with existing that Acid Sulfate Soils (ASS) mapping for NSW, the potential for ASS is considered a very low risk. Further, there was no evidence of ASS indicators such as soil gleying, odour, marine sediments and organic materials recorded as part of the soils survey.

4.3 HYDROGEOLOGY

The Project Area is located within the Goulburn Fractured Rock Groundwater Source and groundwater within the Project Area is managed under Water Sharing Plan for the Greater Metropolitan Groundwater Sources 2023 (BOM 2019).

Fractured or fissured, extensive aquifers of low to moderate productivity are reported within the Project Area (Lotsearch, 2025).

4.4 GROUNDWATER BORES

A review of existing registered groundwater boreholes (Lotsearch, 2025) identified 1 registered borehole within the Project Area and 16 boreholes within a 2 km radius. Total bore depths ranged from approximately 19 to 78 m with groundwater at the site anticipated to be present in the bedrock at a depth of 21 m. Generally, wells installed in the area are listed for water supply, stock and domestic, and irrigation use. From the limited salinity information available, groundwater is reported as freshwater with salinity ranging from 0 to 500 (ppm).



4.5 GROUNDWATER DEPENDENT ECOSYSTEMS

A review of regional scale mapping of groundwater dependent ecosystems (GDEs) (Lotsearch, 2025), within the Project Area, indicates the potential for Aquatic GDEs is high.

4.6 PREFERENTIAL WATER COURSES

The Project Area falls within the Gundary Creek catchment, and a number of mapped creeks traverse through the Project Area, as shown on **Figure 5**.

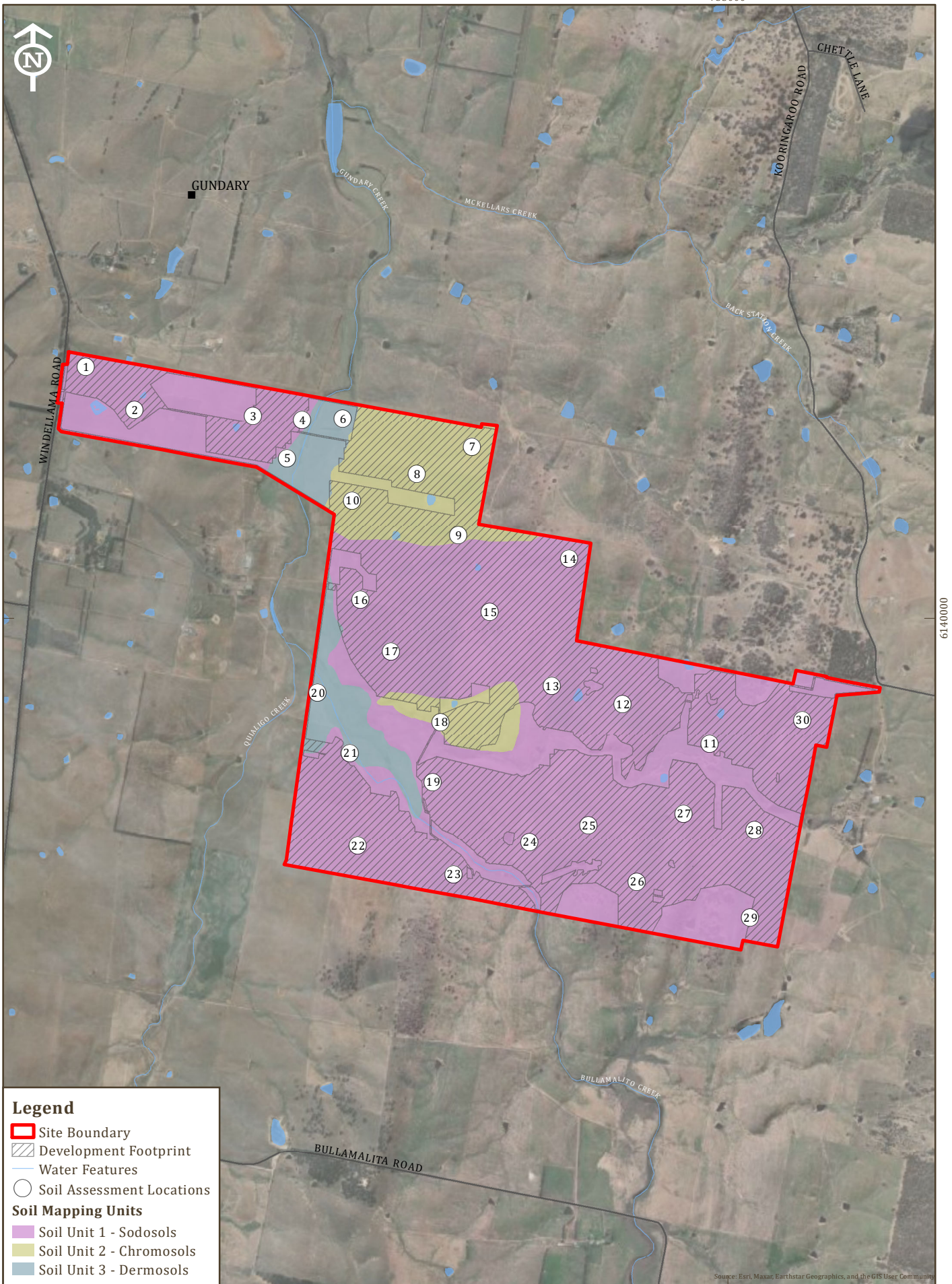
A substantial number of the mapped watercourses are 1st order streams. Gundary Creek, a 6th order stream, is a tributary of the Mulwaree River and flows through the western part of the Project Area in a northerly direction towards Goulburn. Bullamalito Creek, a 5th order stream, is a tributary of Gundary Creek and flows through the south-west corner of the Project Area (Umwelt 2022).

4.7 DIRECTION OF SURFACE WATER RUNN-OFF

The general flow of the mainstream watercourses in the Gundary catchment is in a northerly direction from the catchment area located south of the Project (Umwelt 2022). Based on topography mapping (**Figure 5**), it is expected that the surface water run-off would travel towards the centre of the Project Area from the east and west perimeters, draining into Gundary Creek and Bullamalito Creek, and flow in a northerly direction.







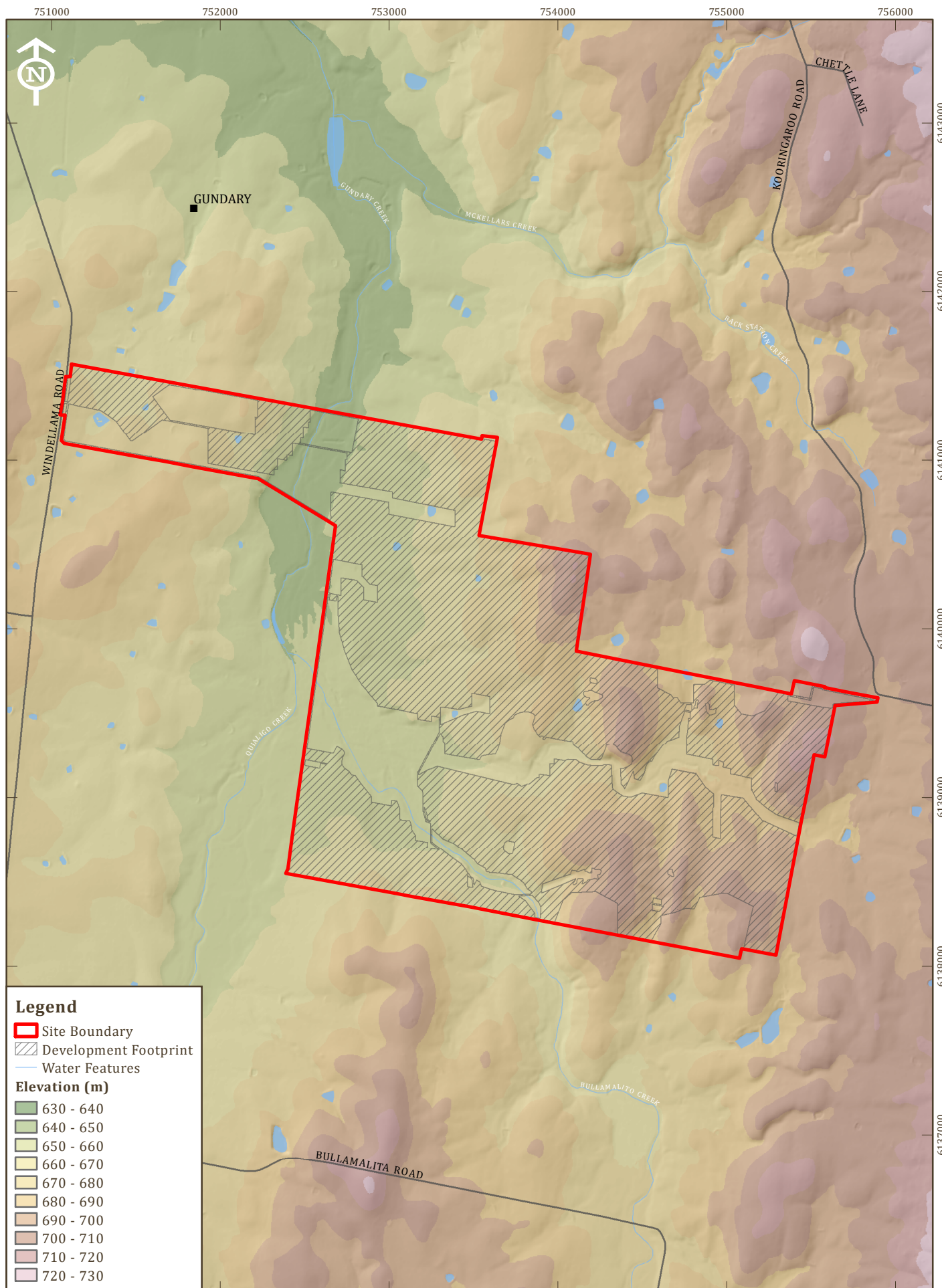
GDA 1994 MGA Zone 55

Soil Mapping Units

MINE SOILS
LAND & REHABILITATION SPECIALISTS

0 125 250 500 Meters
Scale 1:30000 at A4

FIGURE 4



GDA 1994 MGA Zone 55

MINE SOILS
LAND & REHABILITATION SPECIALISTS



0 125 250 500 Meters

Scale 1:30000 at A4

Topography

FIGURE 5

5 SITE CONDITION

5.1 SITE CONDITION

Minesoils attended the site on 6 August 2025 to conduct a visual inspection of the Project Area to identify any potential sources of contamination.

As observed during the SLAIA (Minesoils 2024), the Project Area was determined to be a generally stable, free draining landform with 90 - 100% surface cover of pasture which has historically been highly disturbed by land clearing for agriculture and pasture development. Isolated areas of remnant native trees remain on some hill crests and hillslopes (**Plate 1**).

The Project Area landscape is characterised by undulating and rolling hills and crests, and broad drainage plains. The lowest elevation is approximately 640m Australian Height Datum (AHD) on drainage plains associated with Gundry Creek and rises to 710m AHD on crested areas (refer **Figure 5**).

Plates 2 to 6 illustrate the typical landscape and land use characteristics of the site and observations made during the investigation.

5.2 VISIBLE SIGNS OF CONTAMINATION

No evidence of contamination was observed within the Project Area.

5.3 VISIBLE SIGNS OF PLANT STRESS

No visible signs of plant stress associated with contamination were noted within the Project Area.

5.4 PRESCENCE WASTES

Waste stockpiles were observed within the Project Area, although generally very minor in nature. Stockpiled material included general waste associated with agriculture equipment/infrastructure, e.g. metal gates/fencing and timber posts, along with tyres, refer **Plates 7 and 8**.

5.5 ODOURS

No noticeable odours were observed.





Plate 1: The Project Area consists of undulating and rolling hills and crests, and broad drainage plains, largely treeless with surface cover in the form of pasture for grazing.



Plate 2: Surface water bodies (farm dams) observed within the Project Area.



Plate 3: Built structures within the Project Area include stockyards.



Plate 4: Built structures within the Project Area include farm sheds.



Plate 5: Built structures within the Project Area include a water storage tank.



Plate 6: Built structures within the Project Area include an existing transmission line.



Plate 7: Stockpiled material observed within the Project Area consisting of metal gates/fencing and timber posts.



Plate 8: Stockpiled material observed within the Project Area consisting of tyres.

6 INTEGRITY ASSESSMENT

The desktop review was completed by accessing publicly available information from the Lotsearch Report (Lotsearch 2025) and Minesoils Gundry Solar Farm Soils, Land and Agricultural Impact Assessment (Minesoils, 2024)

All information pertaining to the contamination status of the Project has been obtained through public record searches and the inspection carried out on site. All documents and information in relation to the Project, which were obtained from public records, are accepted to be correct, and have not been independently verified or checked.

Based on the site inspection undertaken in conjunction with the review of available information regarding the current and former use of the site and surrounds, Minesoils considers there is a low risk of not accurately identifying Areas of Potential Concern and Contaminants of Potential Concern (COPCs) within the site boundaries.



7 PRELIMINARY CONCEPTUAL SITE MODEL

This CSM has been developed based on the information obtained from the desktop review, along with the site investigation. The purpose of the CSM is to identify potential contamination sources, contaminants of concern, transport mechanisms, exposure pathways and sensitive receivers within the investigation area and assess the need for further investigation.

It is important to note that this CSM is preliminary and constrained due to the following limitations:

- Intrusive investigations at the site have not been undertaken and therefore there is potential for unidentified soil, surface water and/or groundwater contamination to exist on site.
- Other receptors may be present at the site that have lower exposure than the most sensitive environmental receptor potentially exposed and considered in this CSM.
- This preliminary CSM should be updated/reviewed where site conditions materially change or if further information pertaining to the contamination status of the site is identified.

7.1 POTENTIAL AREAS AND CONTAMINANTS OF CONCERN

Potential sources of contamination and contaminants of concern identified within the Development Footprint, and adjacent areas, are described below and presented in **Table 4**.

7.1.1 AGRICULTURAL USE (CROPPING AND LIVESTOCK GRAZING)

Cropping activities are likely to have required the use of chemicals such as fertilisers and pesticides in the maintenance of the crops. Potential contaminants associated with these chemicals include heavy metals, organochlorine and organophosphate pesticides. Intensive use of fertiliser can also lead to the build-up of heavy metals in surface soil particularly zinc and cadmium, depending on the type and source of the fertiliser. Other potential contaminants of concern associated with agricultural use, including livestock grazing and agricultural infrastructure, include asbestos, herbicides, hydrocarbons and animal waste. These contaminants have the potential to contribute to localised contamination of surface soils and water bodies.

7.1.2 AGRICULTURAL USE (PLANT, VEHICLES AND EQUIPMENT)

The operation of plant, vehicles and equipment is generally required for agricultural activities including applications such as transportation, earth moving, fertiliser application and pumping water. Potential contaminants include hydrocarbons and heavy metals. The use, storage, maintenance and refuelling of plant and equipment (including consumable materials) has the potential to contribute to localised contamination of surface soils.

7.1.3 UNCLASSIFIED FILL OR UNCONTROLLED DISPOSAL OF WASTE

The importation of unclassified fill and the uncontrolled disposal of waste at the site is a potential source of contamination. Potential contaminants include heavy metals, hydrocarbons and asbestos. Based on the desktop review, there is no evidence to suggest that significant quantities of fill material have historically been imported to the site for levelling or construction purposes. There is also no evidence to suggest that large quantities of domestic or demolition waste have been illegally disposed of at the site, therefore, contamination from unclassified fill and the uncontrolled disposal of waste are considered minor as a potential source of contamination.

7.1.4 PUBLIC ROADS

Public roads and associated businesses, i.e. carrier and cartage contractor, are likely to result in potential contaminants which include polychlorinated biphenyls (PCB), heavy metals and asbestos. These contaminants have the potential to contribute to localised contamination of surface soils and water and groundwater.



Table 4 Potential Sources and Contaminants of Concern

Potential Contamination Source	Contaminants of Potential Concern	Affected Media
Within Development Footprint		
Agricultural use (cropping, livestock grazing, plant, vehicles and equipment)	• Pesticides (organochlorine pesticides (OCP)/organophosphorus pesticides (OPP)), including herbicides and fungicides • Calcium phosphate, calcium sulfate, copper chloride, potassium • Sulfur, sulfuric acid, nitrates and ammonia • Carbamates • Heavy metals, including arsenic (As), boron (B), cadmium (Cd), chromium (Cr), cobalt (Co), copper (Cu), lead (Pb), magnesium (Mg), mercury (Hg), molybdenum (Mo), nickel (Ni) and zinc (Zn) • Total recoverable hydrocarbons (TRH) • Hydrocarbons • Asbestos	Soil, surface water, groundwater
Unclassified fill or uncontrolled disposal of waste	• Total recoverable hydrocarbons (TRH) • Benzene, toluene, ethylbenzene, xylenes, and naphthalene (BTEXN) • Polycyclic aromatic hydrocarbons (PAHs) • Heavy metals • Asbestos	Soil
Public roads	• Polychlorinated biphenyls (PCB) • Heavy metals • Asbestos	Soil, surface water, groundwater
Outside of Development Footprint		
Agricultural use (cropping, livestock grazing, plant, vehicles and equipment)	• Pesticides (organochlorine pesticides (OCP)/organophosphorus pesticides (OPP)), including herbicides and fungicides • Calcium phosphate, calcium sulfate, copper chloride, potassium • Sulfur, sulfuric acid, nitrates and ammonia • Carbamates • Heavy metals • Total recoverable hydrocarbons (TRH) • Hydrocarbons • Asbestos	Soil, surface water, groundwater



Potential Contamination Source	Contaminants of Potential Concern	Affected Media
Outside of Development Footprint		
Unclassified fill or uncontrolled disposal of waste	• Total recoverable hydrocarbons (TRH) • Benzene, toluene, ethylbenzene, xylenes, and naphthalene (BTEXN) • Polycyclic aromatic hydrocarbons (PAHs) • Heavy metals • Asbestos	Soil

7.2 POTENTIAL TRANSPORT MECHANISMS

Identified potential transport mechanisms for the COPCs include:

- Presence of contamination in soil near surface or at depth
- Migration of contaminants in groundwater to surface water receiving bodies
- Leaching of soil contaminants to groundwater
- Migration of groundwater and/or surface water (as overland flow) from the site
- Volatilisation and lateral and/or vertical vapour migration of volatile organic compounds and subsequent inhalation

7.3 EXPOSURE PATHWAYS

Identified potential exposure pathways by which receivers could be exposed to the COPCs include:

- Inhalation of dust or vapours
- Ingestion of contaminated soils
- Dermal contact with contaminated soil or surface water
- Sedimentation and discharge to surface waters
- Vertical and horizontal migration of contamination through the soils into the underlying groundwater

7.4 POTENTIAL RECEIVERS

Identified potential receivers of the COPCs include both human and environmental receivers. These include:

- Construction workers
- Visitors to the site (e.g. workers conducting maintenance, contractors, members of the public)
- Workers conducting agricultural activities on the Project Area
- Offsite residents or workers adjacent to the site
- Plants, animals and insects for which the site provides habitat
- Receiving surface water bodies, including local drainage channels
- Soil and groundwater resources beneath the site



8 CONCLUSIONS AND RECOMMENDATIONS

8.1 CONCLUSIONS

Following the desktop review of available information, and observations from the site investigation, the following conclusions have been made:

- As a result of historical and current agricultural land use activities, contamination has the potential to exist within the Development Footprint, in surface soils, surface water and ground water.
- No visible signs of contamination were observed within the Development Footprint and Project Area.
- The potential COPCs that could occur within the Development Footprint include:
 - Pesticides (organochlorine pesticides (OCP)/organophosphorus pesticides (OPP)), including herbicides and fungicides
 - Calcium phosphate, calcium sulfate, copper chloride, potassium
 - Sulfur, sulfuric acid, nitrates and ammonia
 - Carbamates
 - Heavy metals, including arsenic (As), boron (B), cadmium (Cd), chromium (Cr), cobalt (Co), copper (Cu), lead (Pb), magnesium (Mg), mercury (Hg), molybdenum (Mo), nickel (Ni) and zinc (Zn)
 - Total recoverable hydrocarbons (TRH)
 - Benzene, toluene, ethylbenzene, xylenes, and naphthalene (BTEXN)
 - Polycyclic aromatic hydrocarbons (PAHs)
 - Polychlorinated biphenyls (PCB)
 - Asbestos

Although historical and current agricultural land use at the site have the potential for contaminating surface soils, surface water and groundwater, the quantity of contaminants associated with these activities is not considered to have resulted in significant contamination. Further, as the Project Area is not listed in any of the contaminated land databases, the overall likelihood for significant contamination to be present within the site is considered very low.

Based on the findings of this PSI, it is concluded that the site is suitable for the proposed development of a solar farm subject to implementation of the recommendations below.

8.2 RECOMMENDATIONS

Further assessment of contamination within the Development Footprint is not considered necessary and, as no contamination has been identified, remediation is not required. Although available information accessed for the purpose of this PSI, along with the site visit, did not identify any contamination within the Development Footprint, it is possible that unidentified contamination exists.

Therefore, Minesoils recommends that an Unexpected Finds Procedure (UFP) should be developed for managing potential contamination encountered during construction works. The UFP would detail the actions to be taken when potential unexpected contamination is encountered including the roles and responsibilities of personnel, remediation strategy development and site validation, as required. In addition, during construction of the Project, should excavated material be required to be removed offsite, it is must appropriately characterised in accordance with NSW EPA (2014) *Waste Classification Guidelines* prior to being removed.



9 REFERENCES

- Bureau of Meteorology (2019) National Water Account, Sydney: Water Management, *Surface water and groundwater management*. Australian Government. Accessed 1 August 2025
http://www.bom.gov.au/water/nwa/2019/sydney/regiondescription/watermanagement.shtml#surface_water_and_groundwater
- Umwelt (2024) Gundry Solar Farm Biodiversity Development Assessment Report
- Geoscience Australia (2016) *GA Surface Geology of Australia* MapServer, Canberra.
- Goulburn Mulwaree Council (2009) *Goulburn Mulwaree Local Environmental Plan 2009*
- Lotsearch (2025) 1013 Windellama Road, Gundry, NSW 2580. Reference: LS089589 EP, 30 July 2025
- Managing Land Contamination Planning Guidelines SEPP 55 – Remediation of Land (Department of Urban Affairs and Planning, 1998).
- Minesoils (2024) Gundry Solar Farm Soils, Land and Agricultural Impact Assessment
- National Environment Protection Council (NEPC) (1999) National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended in 2013. NSW Environmental Protection Agency (2020) Contaminated Land Guidelines: Guidelines for Consultants Reporting on Contaminated Land
- NSW EPA (2020) Contaminated Land Guidelines: Consultants reporting on contaminated land. NSW Environment Protection Authority
- Rural Fire Services NSW (2024) District Information Pack – Southern Tablelands



Appendix 1
Lotsearch Report





LOTSEARCH

LOTSEARCH ENVIRO PROFESSIONAL

Date: 30 Jul 2025 08:54:22

Reference: LS089589 EP

Address: 1013 Windellama Road, Gundry, NSW 2580

Disclaimer:

The purpose of this report is to provide an overview of some of the site history, environmental risk and planning information available, affecting an individual address or geographical area in which the property is located. It is not a substitute for an on-site inspection or review of other available reports and records. It is not intended to be, and should not be taken to be, a rating or assessment of the desirability or market value of the property or its features. You should obtain independent advice before you make any decision based on the information within the report. The detailed terms applicable to use of this report are set out at the end of this report.

Dataset Listing

Datasets contained within this report, detailing their source and data currency:

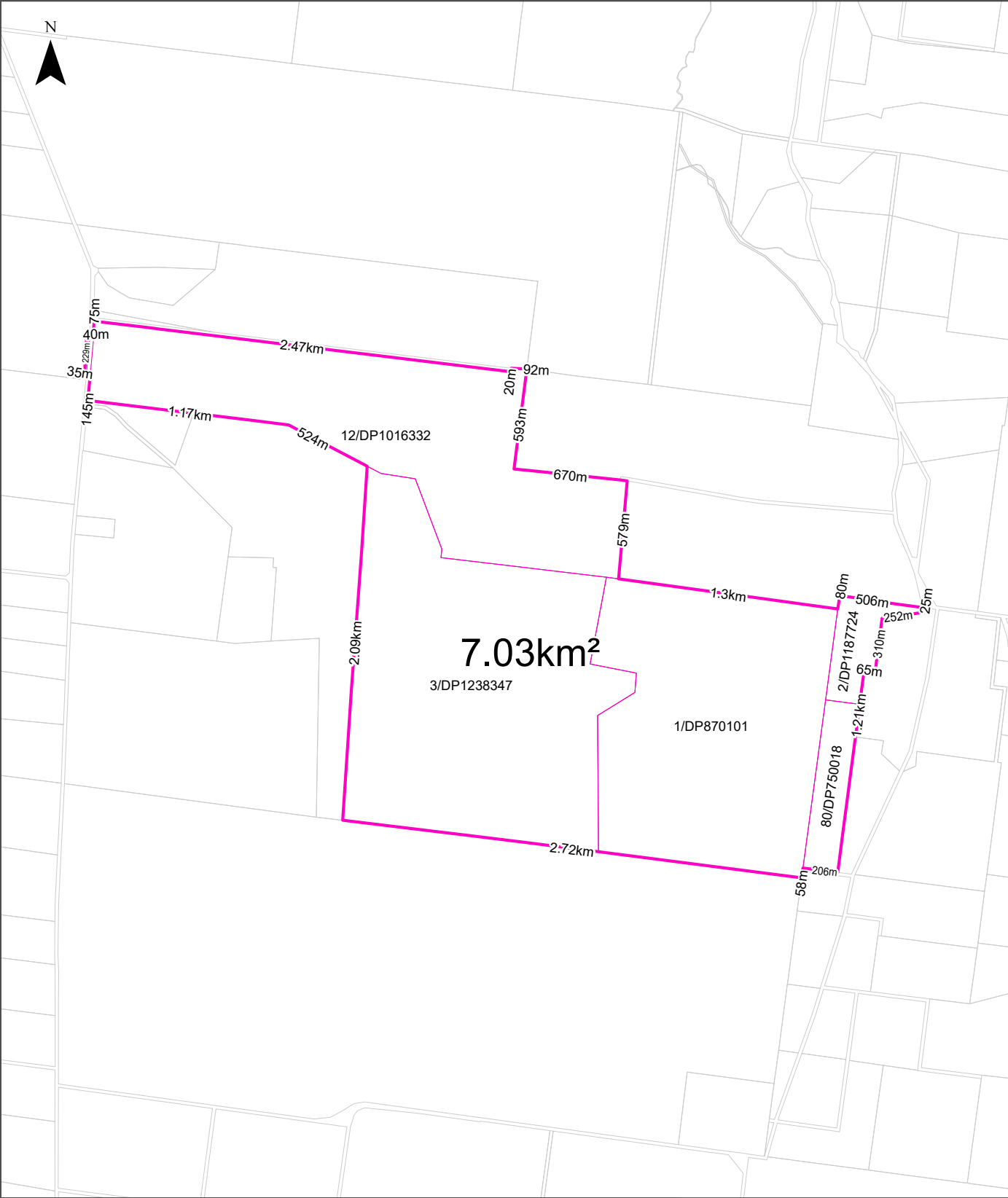
Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
Cadastre Boundaries	NSW Department of Customer Service - Spatial Services	24/06/2025	24/06/2025	Monthly	-	-	-	-
Topographic Data	NSW Department of Customer Service - Spatial Services	20/05/2025	20/05/2025	Annually	-	-	-	-
List of NSW contaminated sites notified to EPA	Environment Protection Authority NSW	15/07/2025	08/07/2025	Monthly	1000m	0	0	0
Contaminated Land Records of Notice	Environment Protection Authority NSW	15/07/2025	15/07/2025	Monthly	1000m	0	0	0
Former Gasworks	Environment Protection Authority NSW	20/05/2025	15/05/2025	Quarterly	1000m	0	0	0
Notices under the POEO Act 1997	Environment Protection Authority NSW	30/06/2025	30/06/2025	Monthly	1000m	0	0	0
National Waste Management Facilities Database	Geoscience Australia	30/05/2025	19/01/2023	Annually	1000m	0	0	0
National Liquid Fuel Facilities	Geoscience Australia	16/10/2024	19/01/2023	Annually	1000m	0	0	0
EPA PFAS Investigation Program	Environment Protection Authority NSW	30/06/2025	05/02/2025	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Investigation Sites	Australian Department of Defence	15/07/2025	15/07/2025	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Management Sites	Australian Department of Defence	15/07/2025	15/07/2025	Monthly	2000m	0	0	0
Airservices Australia National PFAS Management Program	Airservices Australia	15/07/2025	21/05/2025	Monthly	2000m	0	0	0
Defence Controlled Areas	Australian Department of Defence	15/07/2025	15/07/2025	Quarterly	2000m	0	0	0
Defence 3 Year Regional Contamination Investigation Program	Australian Department of Defence	11/06/2025	02/09/2022	Quarterly	2000m	0	0	0
National Unexploded Ordnance (UXO)	Australian Department of Defence	15/07/2025	15/07/2025	Quarterly	2000m	0	0	0
EPA Other Sites with Contamination Issues	Environment Protection Authority NSW	28/11/2024	15/12/2022	Annually	1000m	0	0	0
Licensed Activities under the POEO Act 1997	Environment Protection Authority NSW	24/07/2025	24/07/2025	Monthly	1000m	0	0	0
Delicensed POEO Activities still regulated by the EPA	Environment Protection Authority NSW	24/07/2025	24/07/2025	Monthly	1000m	0	0	0
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority NSW	24/07/2025	24/07/2025	Monthly	1000m	3	3	3
UBD Business Directories (Premise & Intersection Matches)	Hardie Grant			Not required	150m	0	0	0
UBD Business Directories (Road & Area Matches)	Hardie Grant			Not required	150m	-	1	1
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Premise & Intersection Matches)	Hardie Grant			Not required	500m	0	0	0
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Road & Area Matches)	Hardie Grant			Not required	500m	-	0	0
Points of Interest	NSW Department of Customer Service - Spatial Services	19/05/2025	19/05/2025	Quarterly	1000m	1	1	5
Tanks (Areas)	NSW Department of Customer Service - Spatial Services	19/05/2025	19/05/2025	Quarterly	1000m	0	0	0
Tanks (Points)	NSW Department of Customer Service - Spatial Services	19/05/2025	19/05/2025	Quarterly	1000m	0	0	0
Major Easements	NSW Department of Customer Service - Spatial Services	20/05/2025	20/05/2025	Quarterly	1000m	1	3	3
State Forest	Forestry Corporation of NSW	18/12/2024	11/11/2024	Annually	1000m	0	0	0
Hydrogeology Map of Australia	Geoscience Australia	22/04/2025	19/08/2019	Annually	1000m	1	1	1

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
Temporary Water Restriction (Botany Sands Groundwater Source) Order 2024	NSW Department of Climate Change, Energy, the Environment and Water	13/05/2025	28/06/2024	Quarterly	1000m	0	0	0
National Groundwater Information System (NGIS) Boreholes	Bureau of Meteorology; Water NSW	30/05/2025	04/03/2025	Annually	2000m	1	1	17
NSW Seamless Geology Single Layer: Rock Units	NSW Department of Primary Industries and Regional Development	19/05/2025	16/04/2024	Annually	1000m	6	6	13
NSW Seamless Geology Single Layer: Geological Boundaries and Faults	NSW Department of Primary Industries and Regional Development	19/05/2025	16/04/2024	Annually	1000m	0	0	1
NSW Seamless Geology Single Layer: Trendlines	NSW Department of Primary Industries and Regional Development	19/05/2025	16/04/2024	Annually	1000m	0	0	0
NSW Seamless Geology Single Layer: Fold Axes	NSW Department of Primary Industries and Regional Development	19/05/2025	16/04/2024	Annually	1000m	0	0	3
Naturally Occurring Asbestos Potential	NSW Department of Primary Industries and Regional Development	05/05/2025	30/09/2015	Annually	1000m	0	0	0
Atlas of Australian Soils	Australian Bureau of Agriculture and Resource Economics and Sciences (ABARES)	15/01/2025	17/02/2011	Annually	1000m	1	1	2
Soil Landscapes of Central and Eastern NSW	NSW Department of Climate Change, Energy, the Environment and Water	18/12/2024	27/07/2020	Annually	1000m	3	3	4
Environmental Planning Instrument Acid Sulfate Soils	NSW Department of Planning, Housing and Infrastructure	26/06/2025	09/05/2025	Monthly	500m	0	-	-
Atlas of Australian Acid Sulfate Soils	CSIRO	15/01/2025	21/02/2013	Annually	1000m	1	1	1
Dryland Salinity - National Assessment	Australian Bureau of Agricultural and Resource Economics and Sciences	03/06/2025	15/04/2025	Annually	1000m	0	0	0
Mining Subsidence Districts	NSW Department of Customer Service	20/05/2025	20/05/2025	Quarterly	1000m	0	0	0
Current Mining Titles	NSW Department of Primary Industries and Regional Development	09/07/2025	09/07/2025	Monthly	1000m	0	0	0
Mining Title Applications	NSW Department of Primary Industries and Regional Development	09/07/2025	09/07/2025	Monthly	1000m	0	0	0
Historic Mining Titles	NSW Department of Primary Industries and Regional Development	09/07/2025	09/07/2025	Monthly	1000m	8	8	10
Environmental Planning Instrument SEPP State Significant Precincts	NSW Department of Planning, Housing and Infrastructure	26/06/2025	08/09/2023	Monthly	1000m	0	0	0
Environmental Planning Instrument Land Zoning	NSW Department of Planning, Housing and Infrastructure	26/06/2025	13/06/2025	Monthly	1000m	1	1	2
Commonwealth Heritage List	Australian Department of Climate Change, Energy, the Environment and Water	23/10/2024	13/04/2022	Annually	1000m	0	0	0
National Heritage List	Australian Department of Climate Change, Energy, the Environment and Water	23/10/2024	13/04/2022	Annually	1000m	0	0	0
State Heritage Register - Curtilages	NSW Department of Planning, Industry and Environment	20/05/2025	21/03/2025	Quarterly	1000m	0	0	0
Environmental Planning Instrument Local Heritage	NSW Department of Planning, Housing and Infrastructure	26/06/2025	13/06/2025	Monthly	1000m	0	0	0
Bush Fire Prone Land	NSW Rural Fire Service	24/06/2025	23/06/2025	Monthly	1000m	1	1	2
NSW Native Vegetation Type Map	NSW Department of Climate Change, Energy, the Environment and Water	28/05/2025	04/10/2024	Quarterly	1000m	20	24	81
Ramsar Wetlands of Australia	Australian Department of Climate Change, Energy, the Environment and Water	19/05/2025	05/03/2025	Annually	1000m	0	0	0
Collaborative Australian Protected Areas Database (CAPAD) 2022 - Terrestrial	Australian Department of Climate Change, Energy, The Environment and Water	20/03/2025	19/06/2024	Annually	1000m	0	0	0

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
Collaborative Australian Protected Areas Database (CAPAD) 2022 - Marine	Australian Department of Climate Change, Energy, The Environment and Water	20/03/2025	30/06/2022	Annually	1000m	0	0	0
Groundwater Dependent Ecosystems	Bureau of Meteorology	30/05/2025	07/05/2020	Annually	1000m	1	1	3
Inflow Dependent Ecosystems Likelihood	Bureau of Meteorology	30/05/2025	07/05/2020	Annually	1000m	1	2	5
NSW BioNet Species Sightings	NSW Department of Climate Change, Energy, the Environment and Water	29/07/2025	29/07/2025	Monthly	10000m	-	-	-

Site Diagram

1013 Windellama Road, Gundry, NSW 2580



Legend Site Boundary Internal Parcel Boundaries	Total Area: 7.03km ² Total Perimeter: 15.5km	
	Disclaimers: Measurements are approximate only and may have been simplified or smaller lengths removed for readability. Parcels that make up a small percentage of the total site area have not been labelled for increased legibility.	
	Scale: 01503006009001,2001,500 Meters Data Sources: Property Boundaries & Topographic Data: © Department Finance, Services & Innovation 2025	Coordinate System: GDA 1994 MGA Zone 56 Date: 30 July 2025

Contaminated Land

1013 Windellama Road, Gundry, NSW 2580

List of NSW contaminated sites notified to EPA

Records from the NSW EPA Contaminated Land list within the dataset buffer:

Map Id	Site	Address	Suburb	Activity	Management Class	Status	Location Confidence	Dist	Direction
N/A	No records in buffer								

The values within the EPA site management class in the table above, are given more detailed explanations in the table below:

EPA site management class	Explanation
Contamination being managed via the planning process (EP&A Act)	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation. The contamination of this site is managed by the consent authority under the Environmental Planning and Assessment Act 1979 (EP&A Act) planning approval process, with EPA involvement as necessary to ensure significant contamination is adequately addressed. The consent authority is typically a local council or the Department of Planning and Environment.
Contamination currently regulated under CLM Act	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation under the Contaminated Land Management Act 1997 (CLM Act). Management of the contamination is regulated by the EPA under the CLM Act. Regulatory notices are available on the EPA's Contaminated Land Public Record of Notices.
Contamination currently regulated under POEO Act	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation. Management of the contamination is regulated under the Protection of the Environment Operations Act 1997 (POEO Act). The EPA's regulatory actions under the POEO Act are available on the POEO public register.
Contamination formerly regulated under the CLM Act	The EPA has determined that the contamination is no longer significant enough to warrant regulation under the Contaminated Land Management Act 1997 (CLM Act). The contamination was addressed under the CLM Act.
Contamination formerly regulated under the POEO Act	The EPA has determined that the contamination is no longer significant enough to warrant regulation. The contamination was addressed under the Protection of the Environment Operations Act 1997 (POEO Act).
Contamination was addressed via the planning process (EP&A Act)	The EPA has determined that the contamination is no longer significant enough to warrant regulation. The contamination was addressed by the appropriate consent authority via the planning process under the Environmental Planning and Assessment Act 1979 (EP&A Act).
Ongoing maintenance required to manage residual contamination (CLM Act)	The EPA has determined that ongoing maintenance, under the Contaminated Land Management Act 1997 (CLM Act), is required to manage the residual contamination. Regulatory notices under the CLM Act are available on the EPA's Contaminated Land Public Record of Notices.
Regulation being finalised	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation under the Contaminated Land Management Act 1997. A regulatory approach is being finalised.
Regulation under the CLM Act not required	The EPA has completed an assessment of the contamination and decided that regulation under the Contaminated Land Management Act 1997 is not required.
Under assessment	The contamination is being assessed by the EPA to determine whether regulation is required. The EPA may require further information to complete the assessment. For example, the completion of management actions regulated under the planning process or Protection of the Environment Operations Act 1997. Alternatively, the EPA may require information via a notice issued under s77 of the Contaminated Land Management Act 1997 or issue a Preliminary Investigation Order.

NSW EPA Contaminated Land List Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

Contaminated Land: Records of Notice

Record of Notices within the dataset buffer:

Map Id	Name	Address	Suburb	Notices	Area No	Location Confidence	Distance	Direction
N/A	No records in buffer							

Contaminated Land Records of Notice Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

Terms of use and disclaimer for Contaminated Land: Record of Notices, please visit

<http://www.epa.nsw.gov.au/clm/clmdisclaimer.htm>

Former Gasworks

Former Gasworks within the dataset buffer:

Map Id	Location	Council	Further Info	Location Confidence	Distance	Direction
N/A	No records in buffer					

Former Gasworks Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

EPA Notices

Penalty Notices, s.91 & s.92 Clean up Notices and s.96 Prevention Notices within the dataset buffer:

Map ID	Number	Type	Name	Address	Status	Issued Date	Act	Offence	Offence Date	Loc Conf	Dist	Dir
N/A	No records in buffer											

NSW EPA Notice Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

Waste Management & Liquid Fuel Facilities

1013 Windellama Road, Gundry, NSW 2580

National Waste Management Facilities Database

Sites on the National Waste Management Facilities Database within the dataset buffer:

Map ID	Owner	Name	Address	Management Type	Facility Type	Status	Loc Conf	Dist	Dir
N/A	No records in buffer								

Source: Waste Management Facilities Database

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National Liquid Fuel Facilities

National Liquid Fuel Facilities within the dataset buffer:

Map Id	Owner	Name	Address	Suburb	Class	Operational Status	Operator	Revision Date	Loc Conf	Dist	Direction
N/A	No records in buffer										

National Liquid Fuel Facilities Data Source: Geoscience Australia

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PFAS Investigation & Management Programs

1013 Windellama Road, Gundry, NSW 2580

EPA PFAS Investigation Program

Sites that are part of the EPA PFAS investigation program, within the dataset buffer:

Map ID	Site	Address	Loc Conf	Dist	Dir
N/A	No records in buffer				

EPA PFAS Investigation Program: Environment Protection Authority
© State of New South Wales through the Environment Protection Authority

Defence PFAS Investigation Program

Sites being investigated by the Department of Defence for PFAS contamination within the dataset buffer:

Map ID	Base Name	Address	Loc Conf	Dist	Dir
N/A	No records in buffer				

Defence PFAS Investigation Program Data Custodian: Department of Defence, Australian Government

Defence PFAS Management Program

Sites being managed by the Department of Defence for PFAS contamination within the dataset buffer:

Map ID	Base Name	Address	Loc Conf	Dist	Dir
N/A	No records in buffer				

Defence PFAS Management Program Data Custodian: Department of Defence, Australian Government

Airservices Australia National PFAS Management Program

Sites being investigated or managed by Airservices Australia for PFAS contamination within the dataset buffer:

Map ID	Site Name	Impacts	Loc Conf	Dist	Dir
N/A	No records in buffer				

Airservices Australia National PFAS Management Program Data Custodian: Airservices Australia

Defence Sites and Unexploded Ordnance

1013 Windellama Road, Gundry, NSW 2580

Defence Controlled Areas (DCA)

Defence Controlled Areas provided by the Department of Defence within the dataset buffer:

Site ID	Location Name	Loc Conf	Dist	Dir
N/A	No records in buffer			

Defence Controlled Areas, Data Custodian: Department of Defence, Australian Government

Defence 3 Year Regional Contamination Investigation Program (RCIP)

Sites which have been assessed as part of the Defence 3 Year Regional Contamination Investigation Program within the dataset buffer:

Property ID	Base Name	Address	Known Contamination	Loc Conf	Dist	Dir
N/A	No records in buffer					

Defence 3 Year Regional Contamination Investigation Program, Data Custodian: Department of Defence, Australian Government

National Unexploded Ordnance (UXO)

Sites which have been assessed by the Department of Defence for the potential presence of unexploded ordnance within the dataset buffer:

Site ID	Location Name	Category	Area Description	Additional Information	Commonwealth	Loc Conf	Dist	Dir
N/A	No records in buffer							

National Unexploded Ordnance (UXO), Data Custodian: Department of Defence, Australian Government

EPA Other Sites with Contamination Issues

1013 Windellama Road, Gundry, NSW 2580

EPA Other Sites with Contamination Issues

This dataset contains other sites identified on the EPA website as having contamination issues. This dataset currently includes:

- James Hardie asbestos manufacturing and waste disposal sites
- Radiological investigation sites in Hunter's Hill
- Pasminco Lead Abatement Strategy Area

Sites within the dataset buffer:

Site Id	Site Name	Site Address	Dataset	Comments	Location Confidence	Distance	Direction
N/A	No records in buffer						

EPA Other Sites with Contamination Issues: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

EPA Activities

1013 Windellama Road, Gundry, NSW 2580

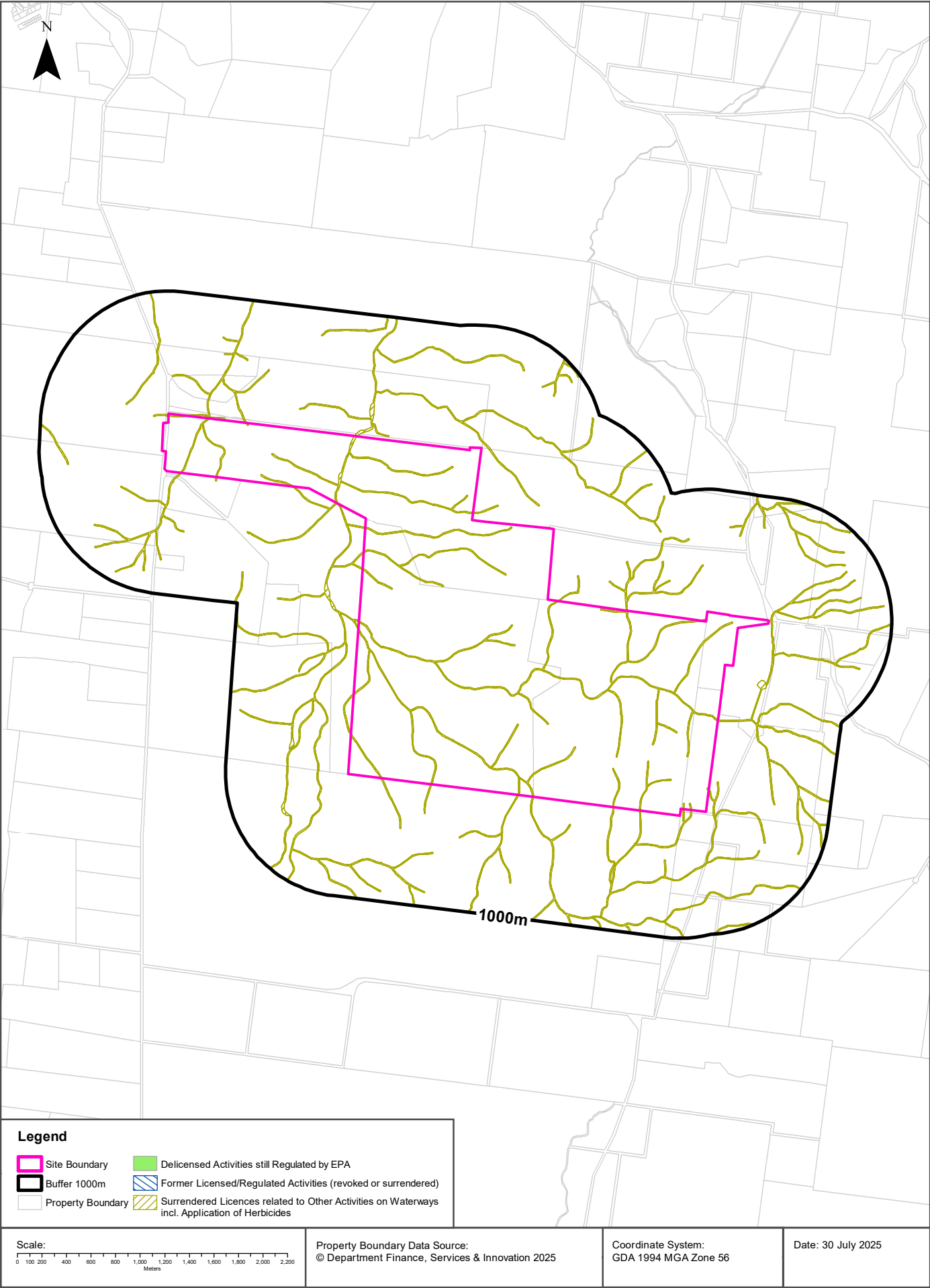
Licensed Activities under the POEO Act 1997

Licensed activities under the Protection of the Environment Operations Act 1997, within the dataset buffer:

EPL	Organisation	Name	Address	Suburb	Activity	Loc Conf	Distance	Direction
N/A	No records in buffer							

POEO Licence Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority



EPA Activities

1013 Windellama Road, Gundry, NSW 2580

Delicensed Activities still regulated by the EPA

Delicensed activities still regulated by the EPA, within the dataset buffer:

Licence No	Organisation	Name	Address	Suburb	Activity	Loc Conf	Distance	Direction
N/A	No records in buffer							

Delicensed Activities Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

Former Licensed Activities under the POEO Act 1997, now revoked or surrendered

Former Licensed activities under the Protection of the Environment Operations Act 1997, now revoked or surrendered, within the dataset buffer:

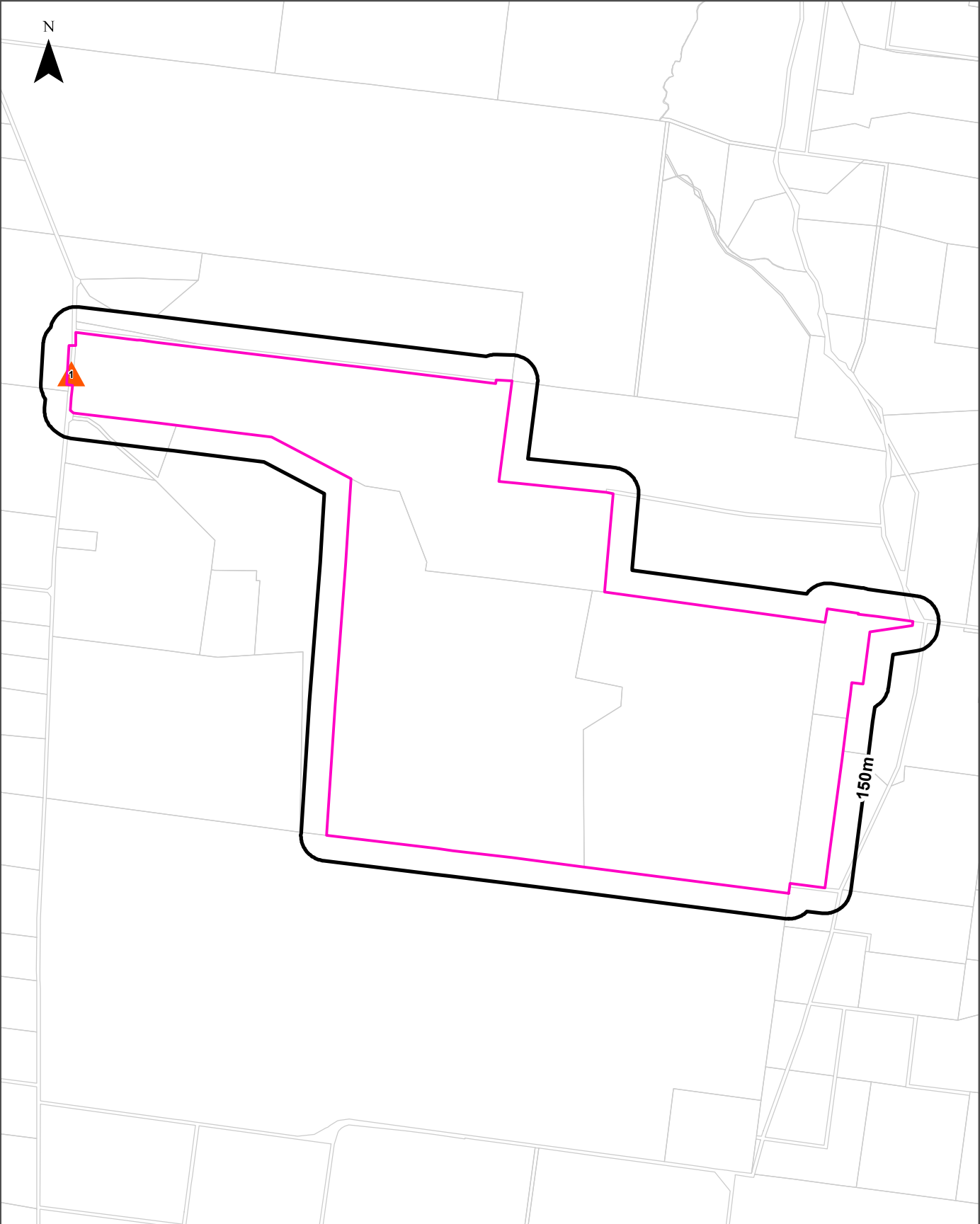
Licence No	Organisation	Location	Status	Issued Date	Activity	Loc Conf	Distance	Direction
4653	LUHRMANN ENVIRONMENT MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW	Surrendered	06/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	0m	On-site
4838	Robert Orchard	Various Waterways throughout New South Wales - SYDNEY NSW 2000	Surrendered	07/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	0m	On-site
6630	SYDNEY WEED & PEST MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW - PROSPECT, NSW, 2148	Surrendered	09/11/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	0m	On-site

Former Licensed Activities Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

Historical Business Directories

1013 Windellama Road, Gundry, NSW 2580



Legend		Scale: 0 430 860 1,290 1,720 Meters	Coordinate System: GDA 1994 MGA Zone 56
Site Boundary	Business directory records mapped to a specific premise		Date: 30 July 2025
Buffer 150m	Business directory records mapped to a road intersection	Data Sources: Reproduced with permission of UBD and Hardie Grant Media Pty Ltd DD 01/08/2018 Property Boundaries © NSW Department Finance, Services & Innovation 2025	
Property Boundary	Business directory records mapped to a road corridor		
	Business directory records mapped to a general area		

Historical Business Directories

1013 Windellama Road, Gundry, NSW 2580

Business Directory Records 1950-1991 Premise or Road Intersection Matches

Potentially contaminative business activities extracted from Universal Business Directories from years 1991, 1982, 1970, 1961 & 1950, mapped to a premise or road intersection within the dataset buffer:

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
N/A	No records in buffer						

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Business Directory Records 1950-1991

Road or Area Matches

Potentially contaminative business activities extracted from Universal Business Directories from years 1991, 1982, 1970, 1961 & 1950, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
1	CARRIER & CARTAGE CONTRACTOR	Fife, A., Windellama Rd., Gundary, via Goulburn	186051	1950	Road Match	0m

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Historical Business Directories

1013 Windellama Road, Gundry, NSW 2580

Dry Cleaners, Motor Garages & Service Stations Premise or Road Intersection Matches

Dry Cleaners, Motor Garages & Service Stations from UBD Business Directories, mapped to a premise or road intersection, within the dataset buffer.

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
N/A	No records in buffer						

Reproduced with permission of UBD and Hardie Grant Media Pty Ltd DD 01/08/2018

Dry Cleaners, Motor Garages & Service Stations Road or Area Matches

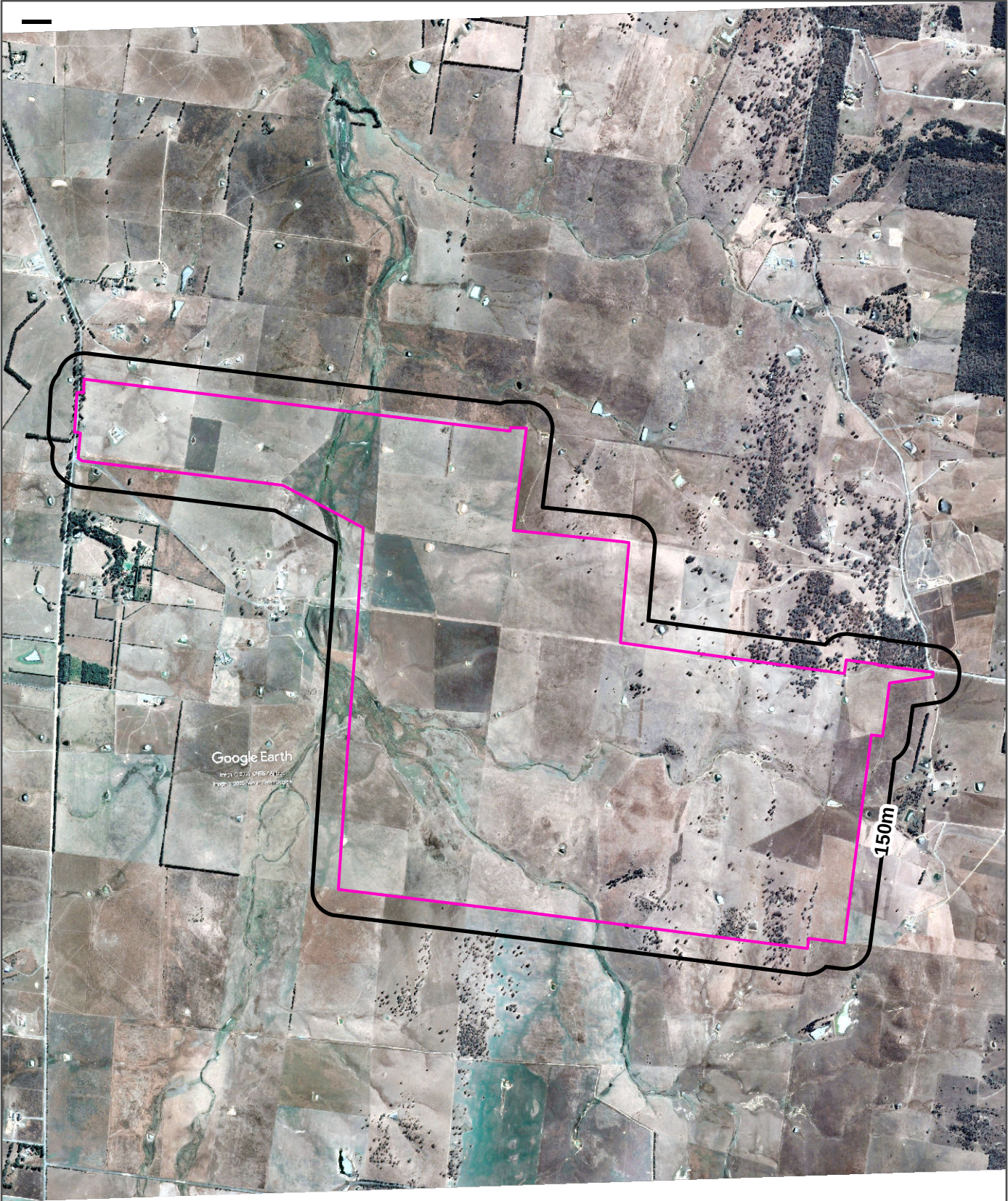
Dry Cleaners, Motor Garages & Service Stations from UBD Business Directories, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published.

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
N/A	No records in buffer					

Reproduced with permission of UBD and Hardie Grant Media Pty Ltd DD 01/08/2018

Aerial Imagery 2023

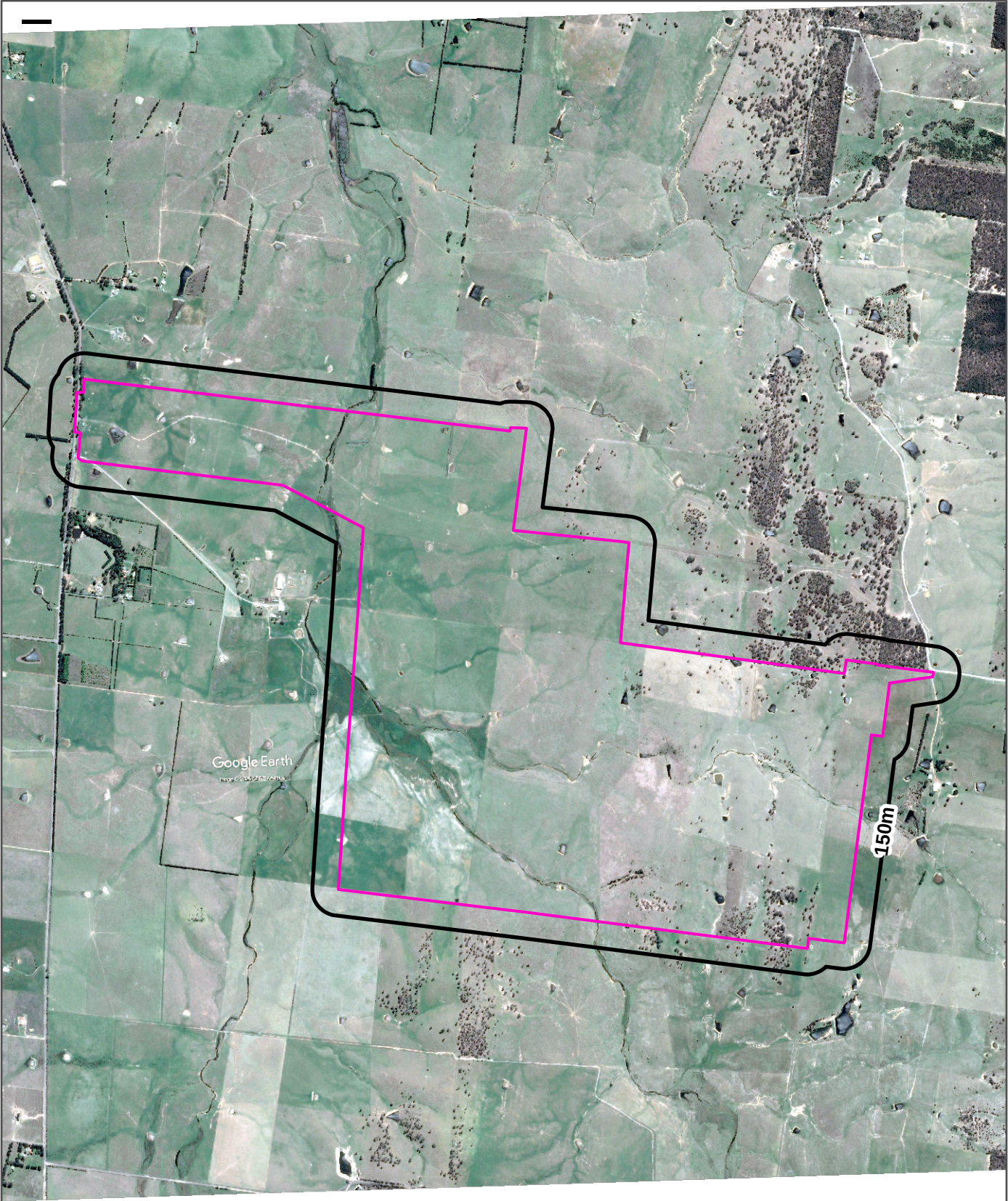
1013 Windellama Road, Gundry, NSW 2580



			Legend Site Boundary Buffer 150m
Scale: 0 370 740 1,110 1,480 Meters	Data Source Aerial Imagery: © 2025 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.	Coordinate System: GDA 1994 MGA Zone 56	Date: 30 July 2025

Aerial Imagery 2013

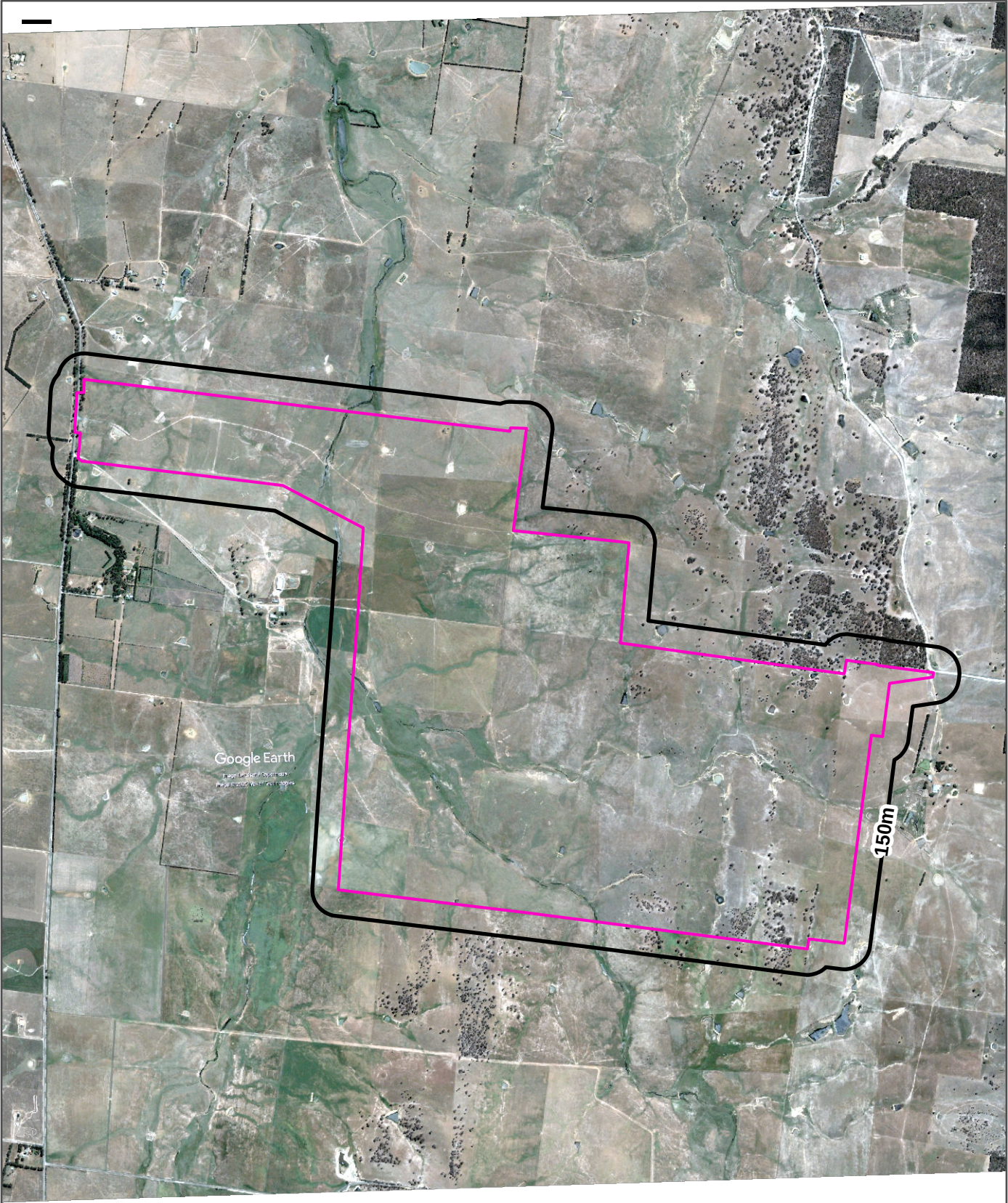
1013 Windellama Road, Gundry, NSW 2580



			Legend Site Boundary Buffer 150m
Scale: 0 370 740 1,110 1,480 Meters	Data Source Aerial Imagery: © 2025 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.	Coordinate System: GDA 1994 MGA Zone 56	Date: 30 July 2025

Aerial Imagery 2006

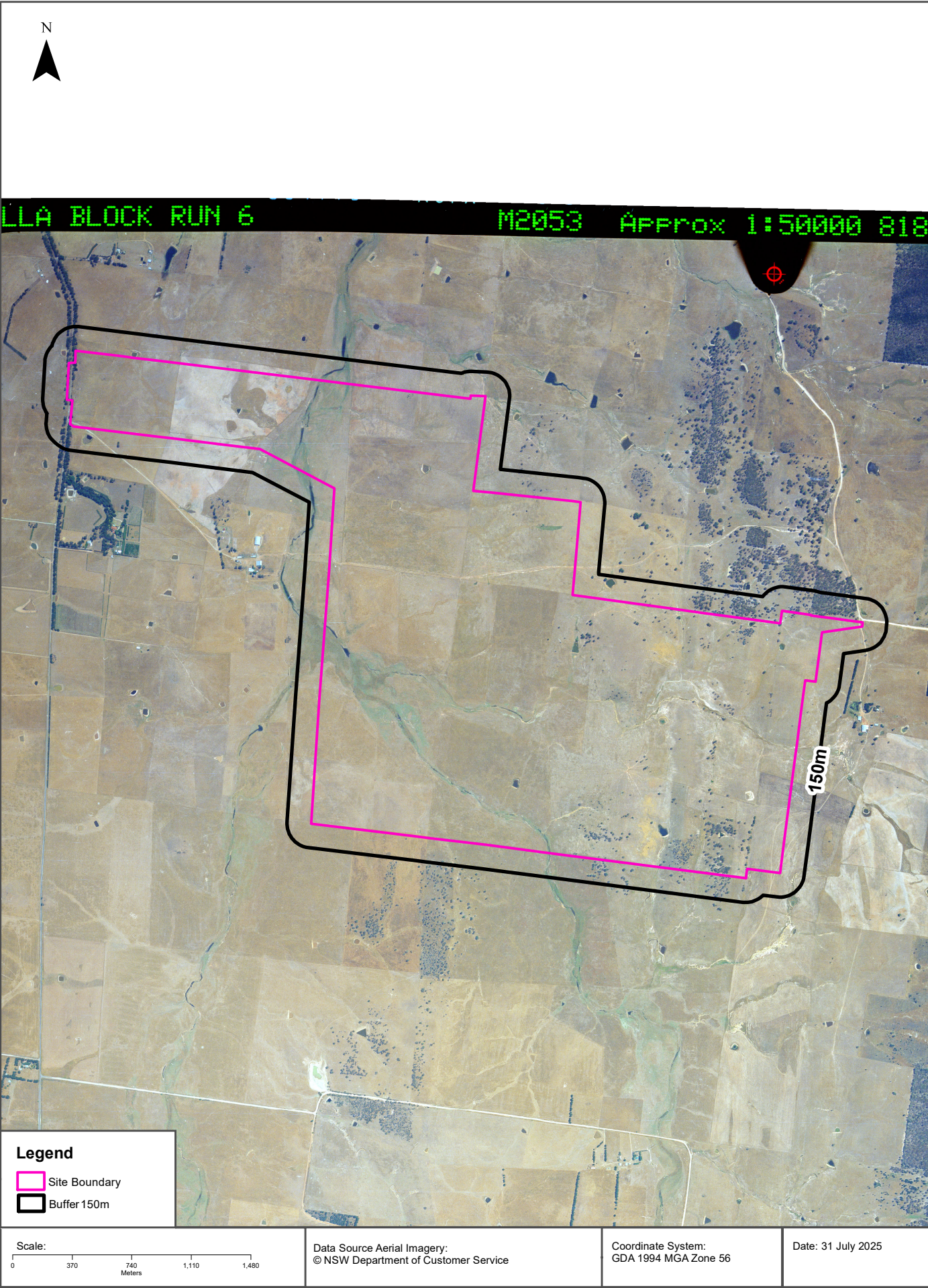
1013 Windellama Road, Gundry, NSW 2580



			Legend Site Boundary Buffer 150m
Scale: 0 370 740 1,110 1,480 Meters	Data Source Aerial Imagery: © 2025 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.	Coordinate System: GDA 1994 MGA Zone 56	Date: 30 July 2025

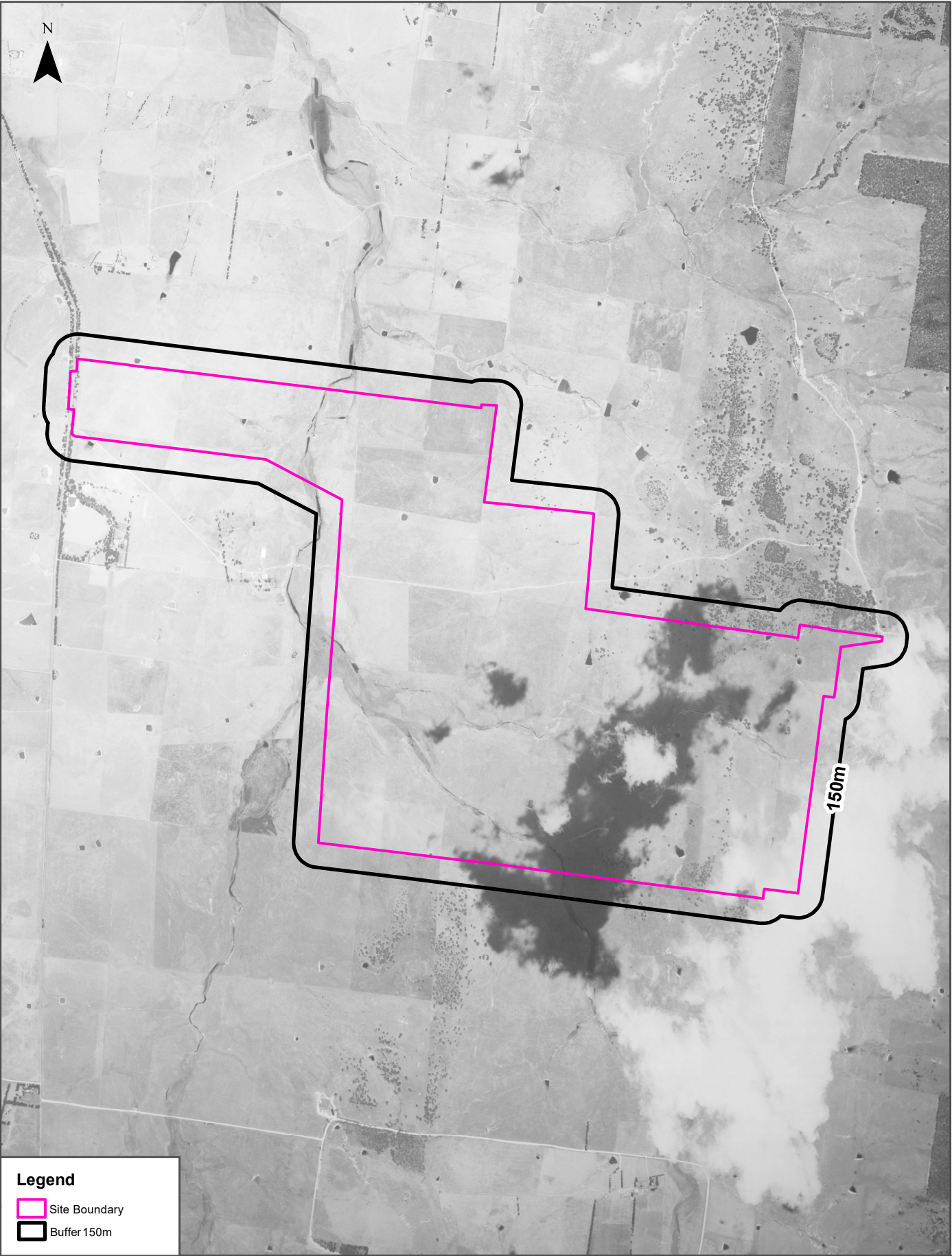
Aerial Imagery 1997

1013 Windellama Road, Gundry, NSW 2580



Aerial Imagery 1989

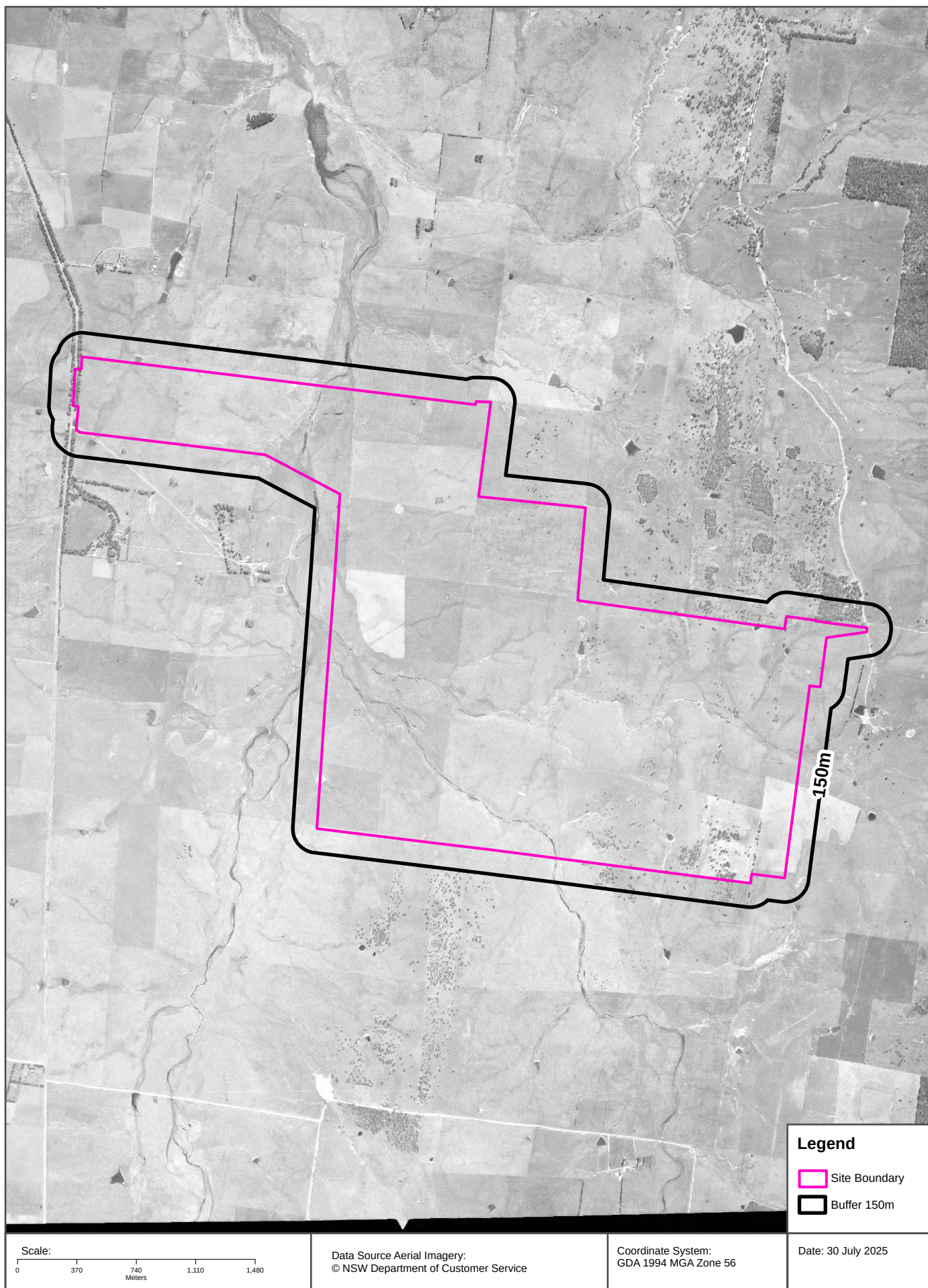
1013 Windellama Road, Gundry, NSW 2580



Scale: 0 370 740 1,110 1,480 Meters	Data Source Aerial Imagery: © 2025 Geoscience Australia	Coordinate System: GDA 1994 MGA Zone 56	Date: 30 July 2025
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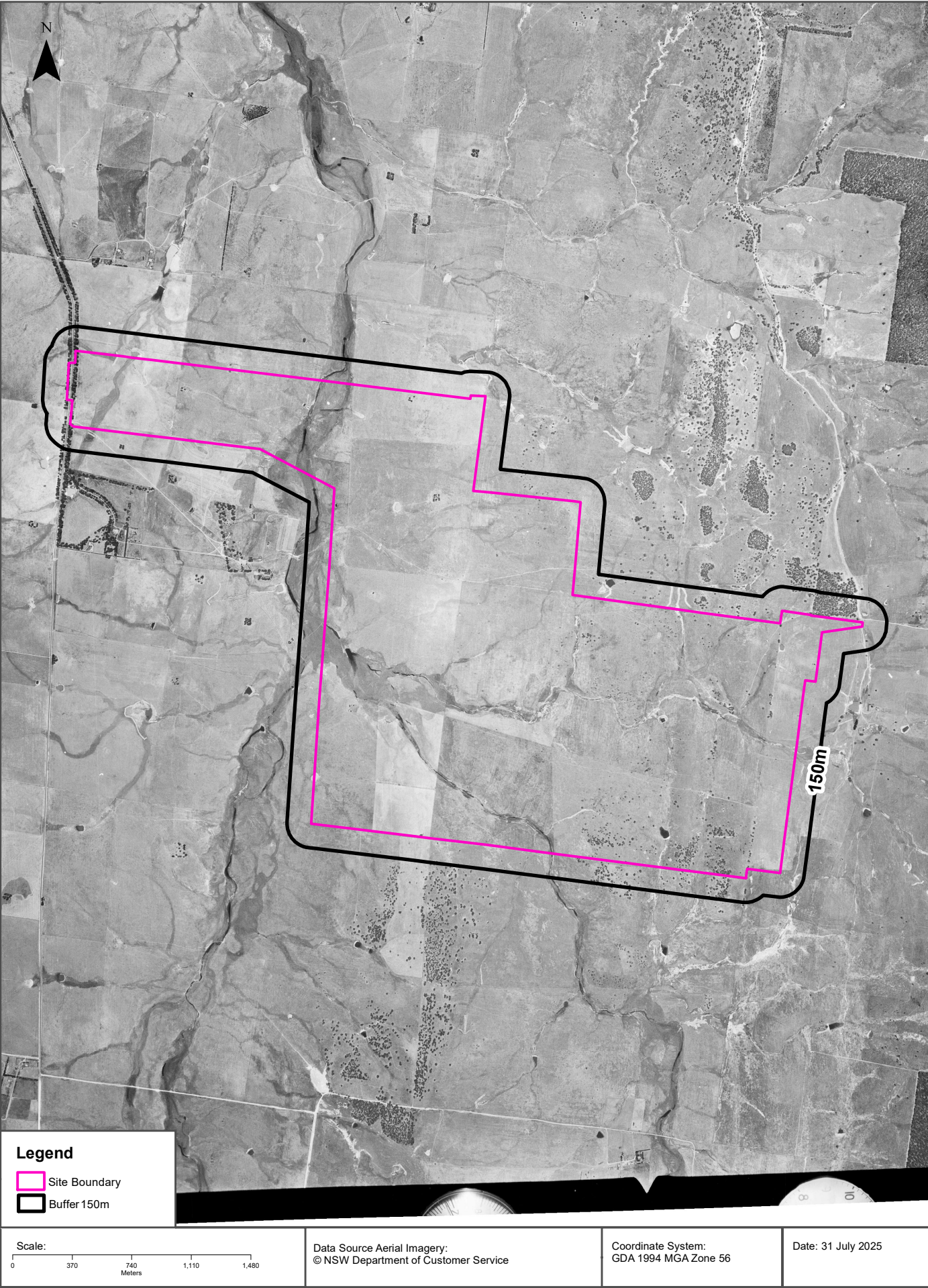
Aerial Imagery 1978

1013 Windellama Road, Gundry, NSW 2580



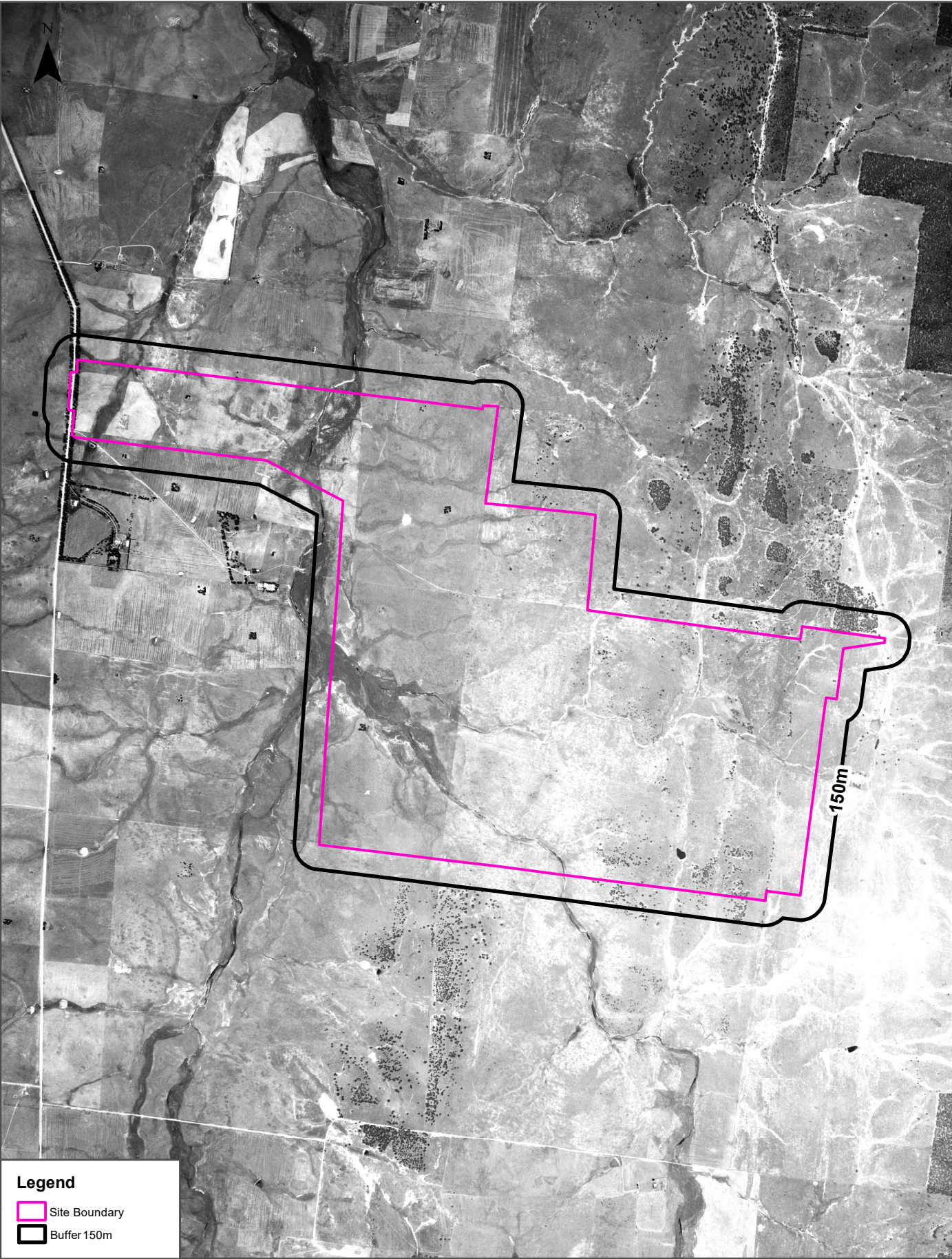
Aerial Imagery 1967

1013 Windellama Road, Gundry, NSW 2580

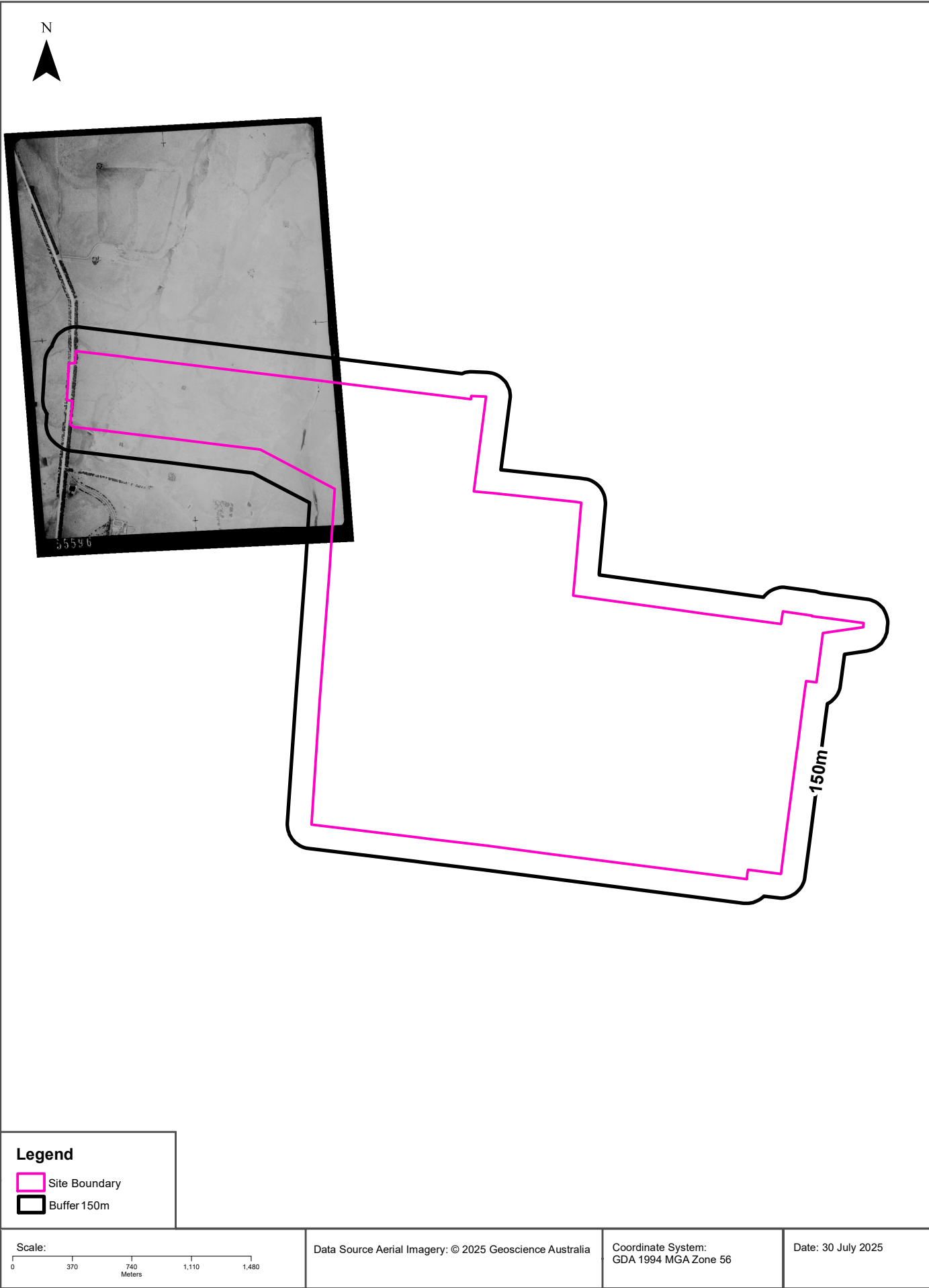


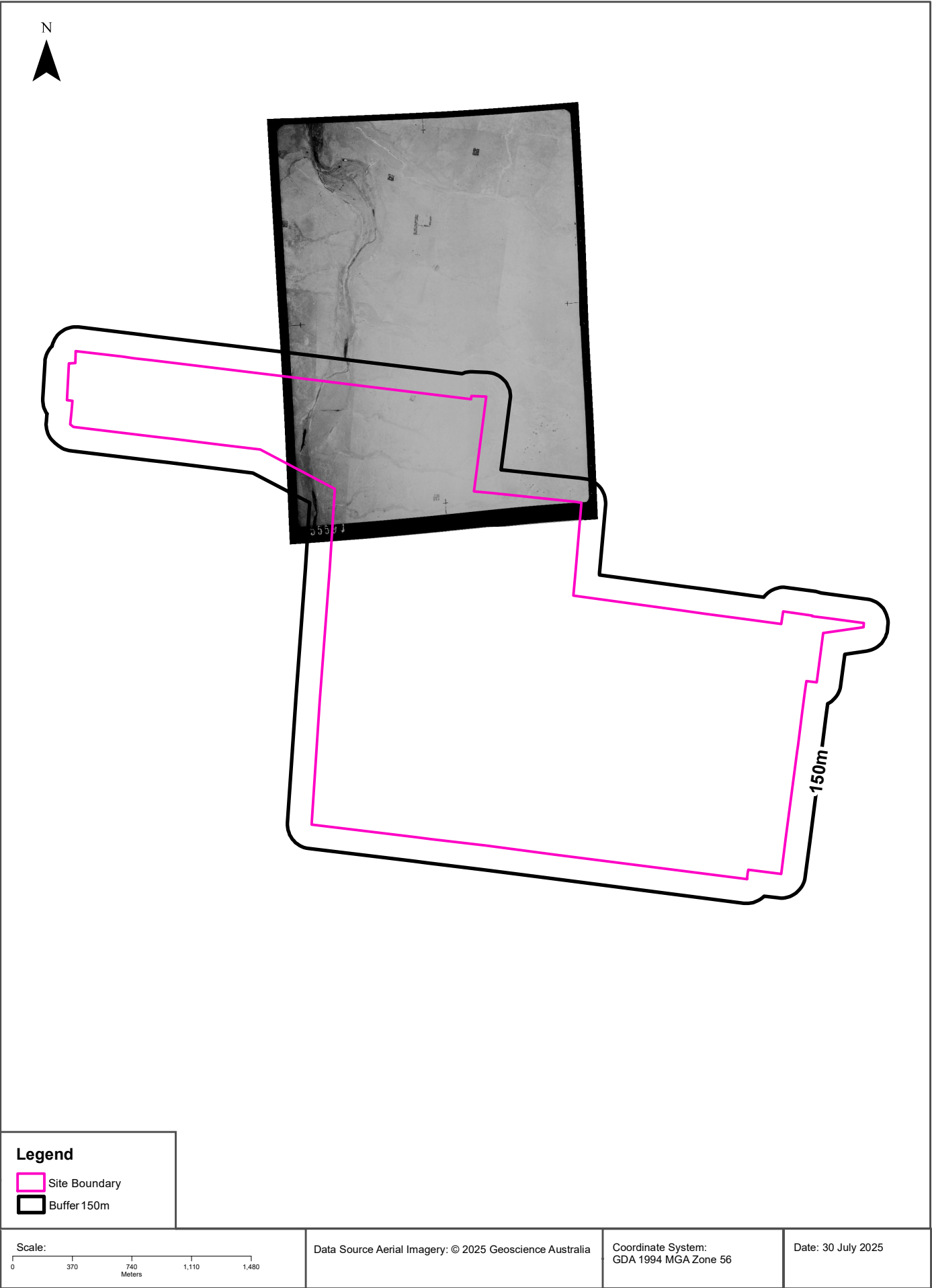
Aerial Imagery 1952

1013 Windellama Road, Gundry, NSW 2580



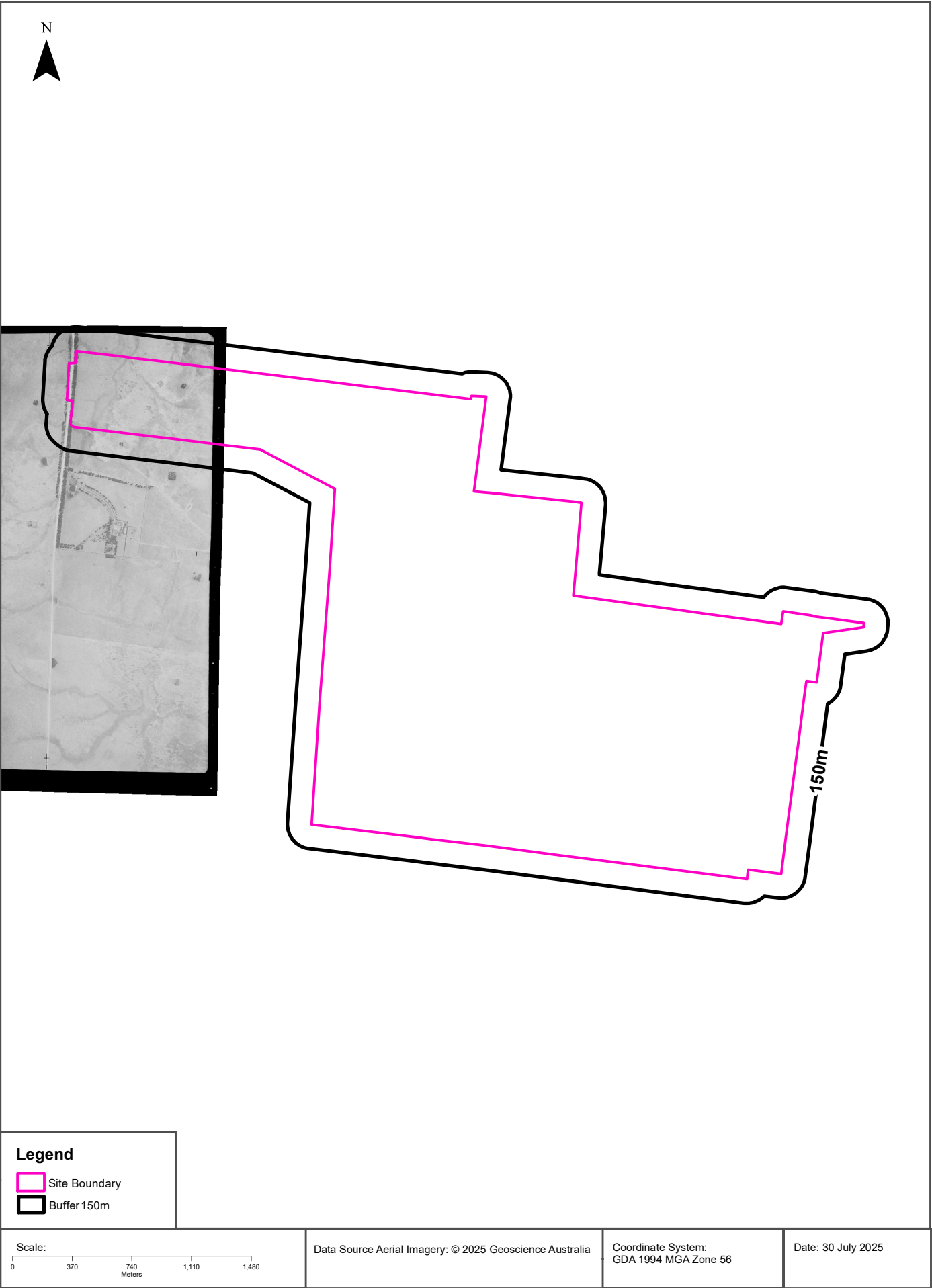
Scale: 0 370 740 1,110 1,480 Meters	Data Source Aerial Imagery: © 2025 Geoscience Australia	Coordinate System: GDA 1994 MGA Zone 56	Date: 30 July 2025
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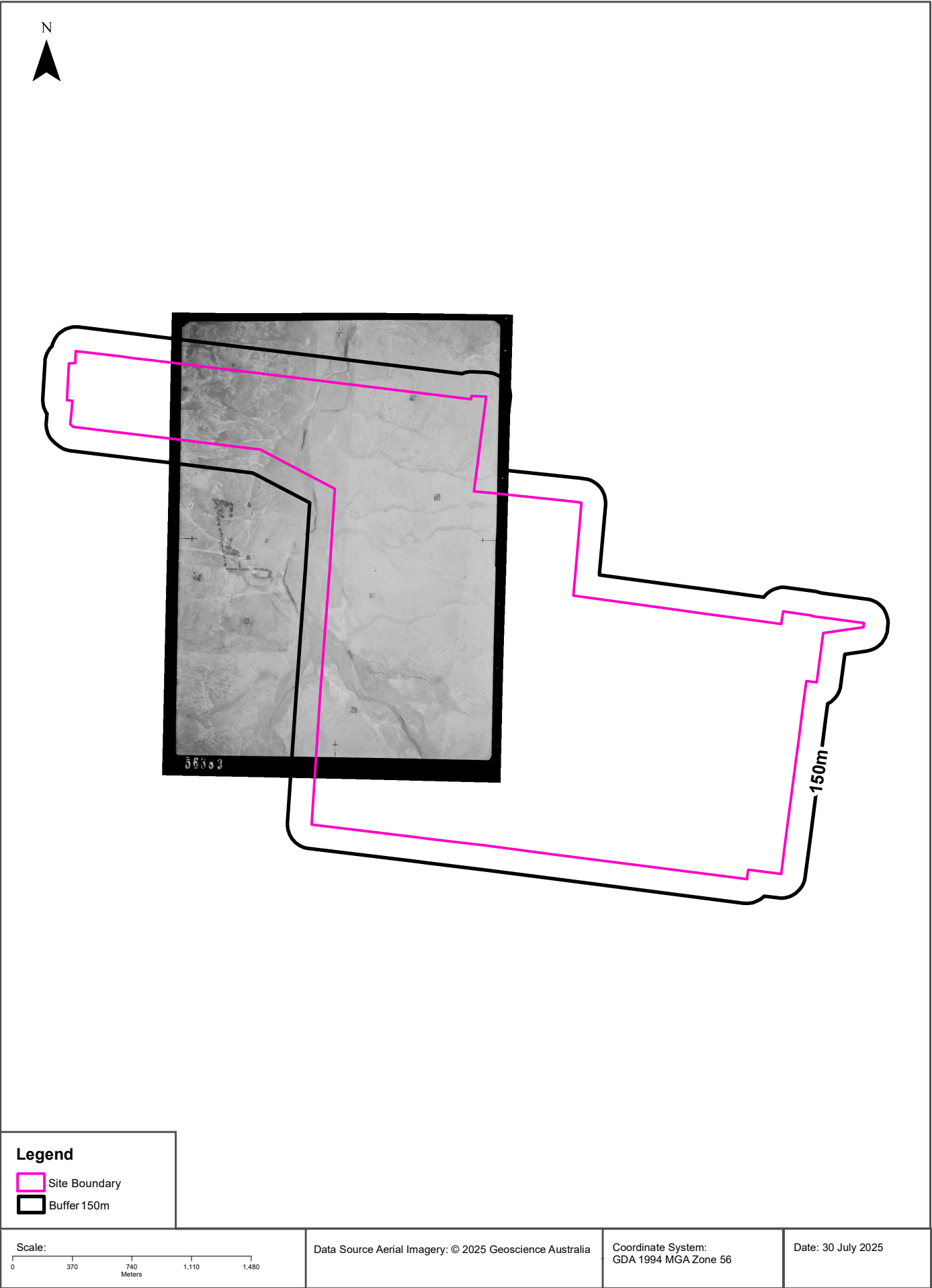
Aerial Imagery 1941

1013 Windellama Road, Gundry, NSW 2580



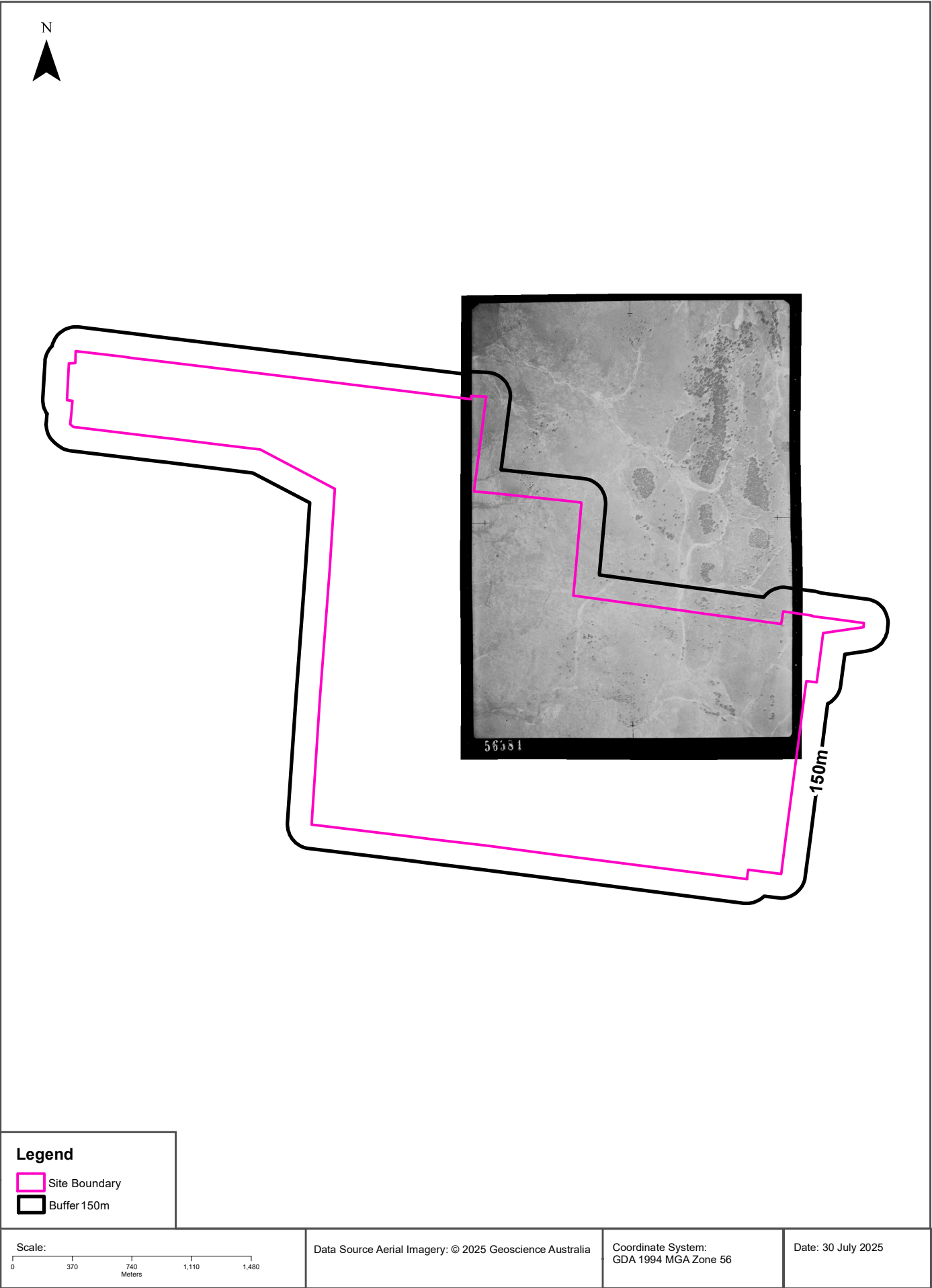
Aerial Imagery 1941

1013 Windellama Road, Gundry, NSW 2580



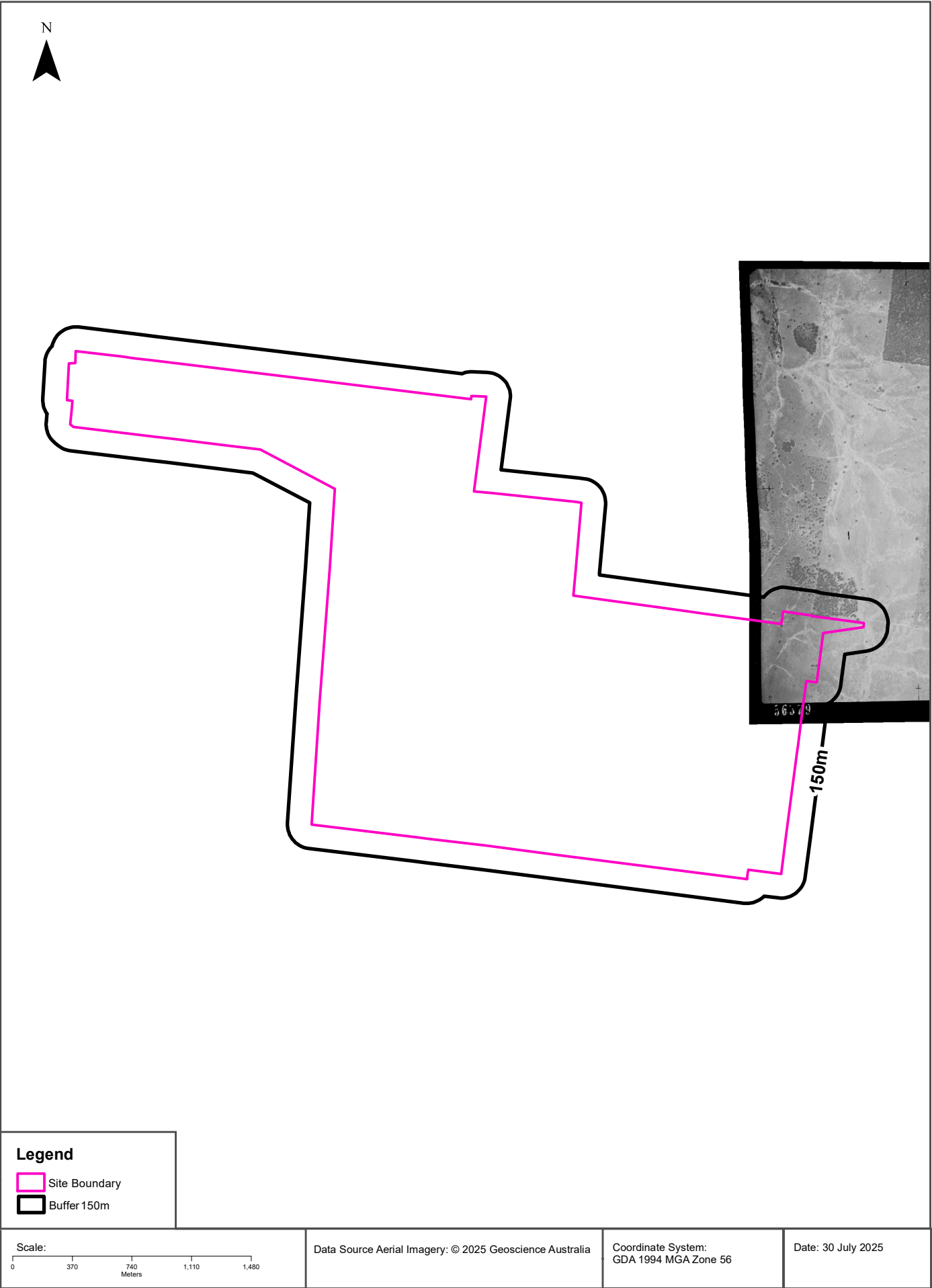
Aerial Imagery 1941

1013 Windellama Road, Gundry, NSW 2580



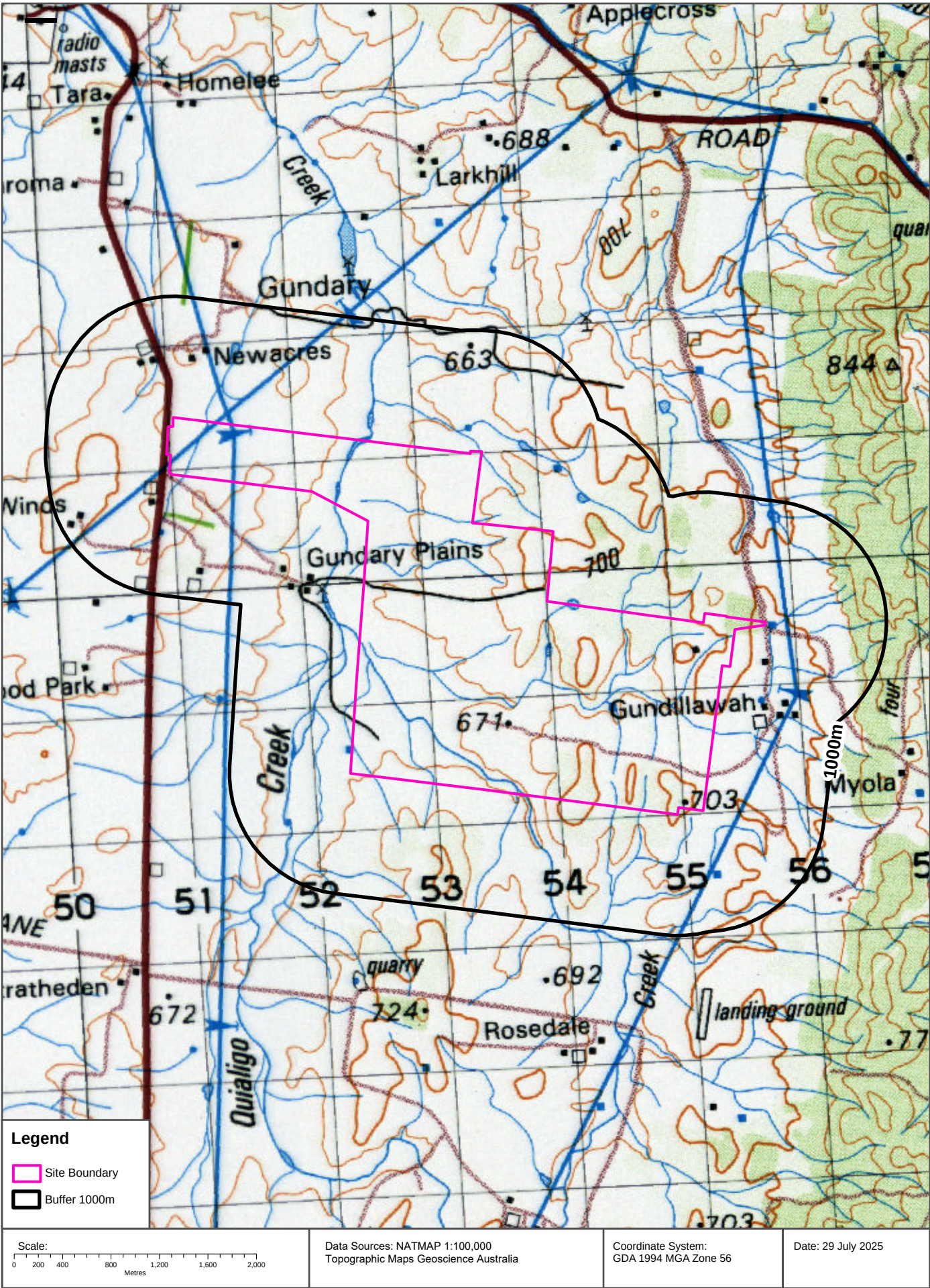
Aerial Imagery 1941

1013 Windellama Road, Gundry, NSW 2580



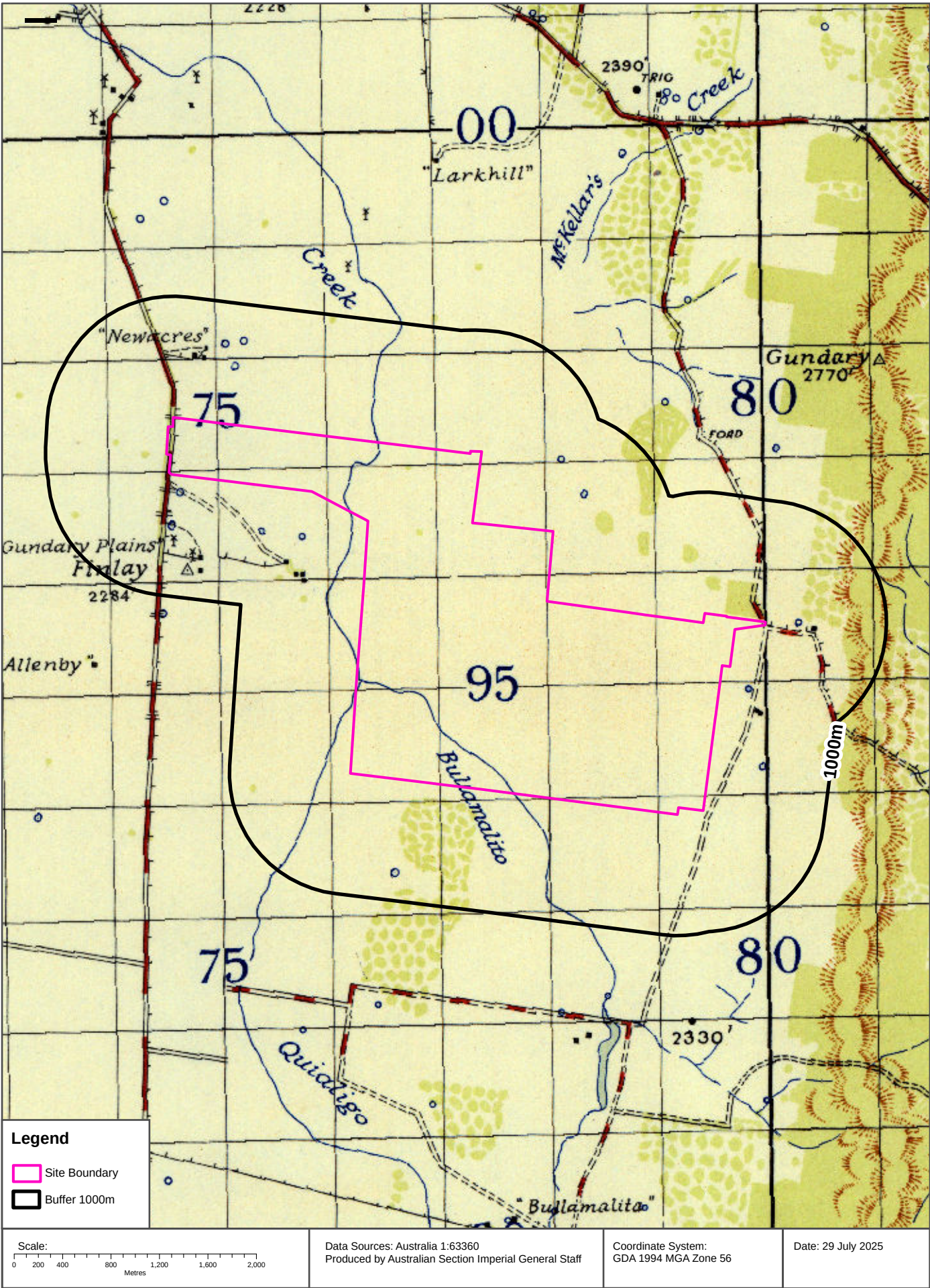
Historical Map 1981

1013 Windellama Road, Gundry, NSW 2580

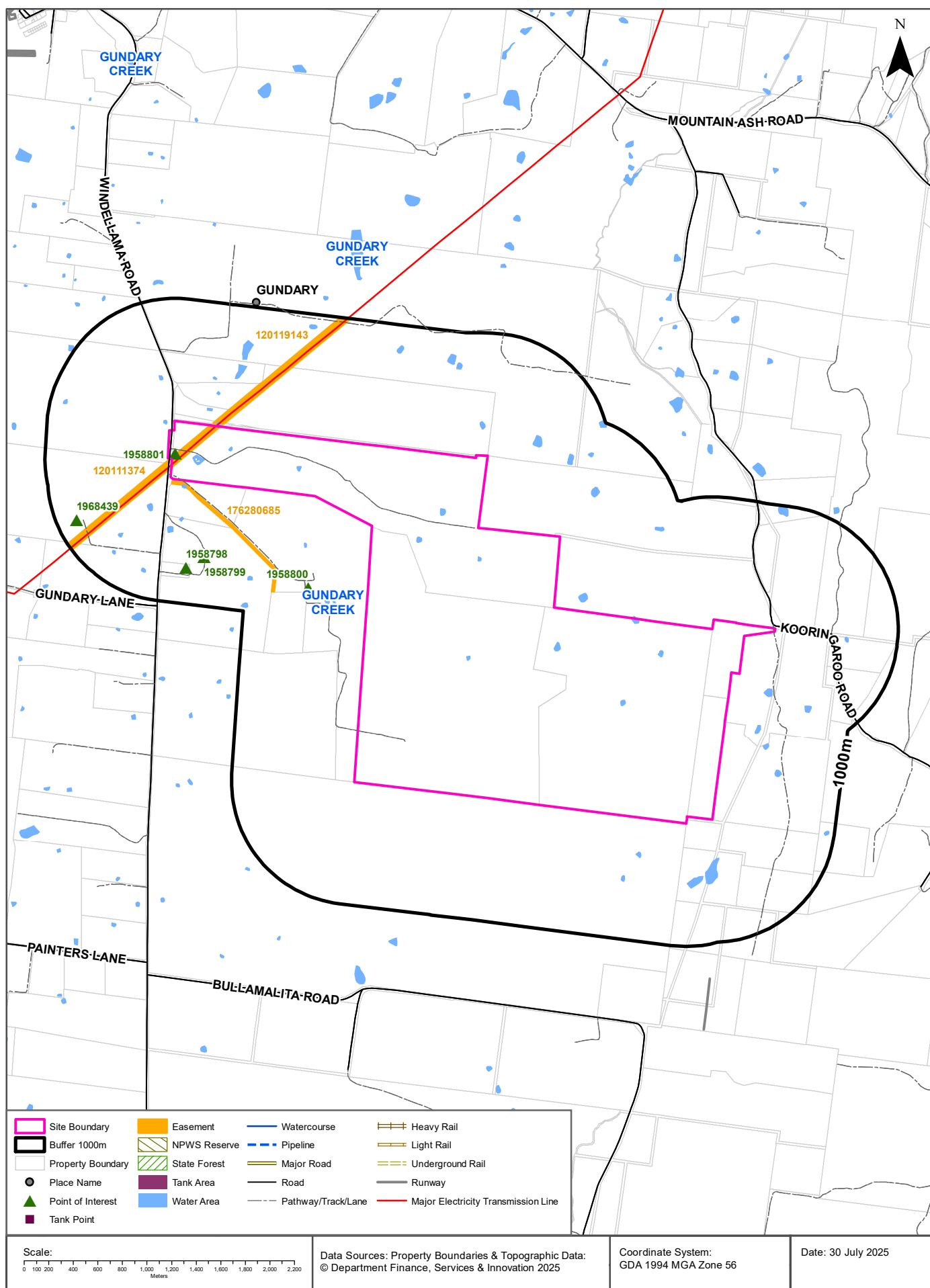


Historical Map c.1942

1013 Windellama Road, Gundry, NSW 2580



1013 Windellama Road, Gundary, NSW 2580



Topographic Features

1013 Windellama Road, Gundry, NSW 2580

Points of Interest

What Points of Interest exist within the dataset buffer?

Map Id	Feature Type	Label	Distance	Direction
1958801	Homestead	THE PINES	0m	On-site
1958800	Homestead	OLD GUNDARY	485m	West
1958799	Homestead	GUNDARY PLAINS	602m	West
1958798	Homestead	WALLYMOO	709m	West
1968439	Homestead	FOUR WINDS	841m	West

Topographic Data Source: © Land and Property Information (2015)

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Tanks (Areas)

What are the Tank Areas located within the dataset buffer?

Note. The large majority of tank features provided by LPI are derived from aerial imagery & are therefore primarily above ground tanks.

Map Id	Tank Type	Status	Name	Feature Currency	Distance	Direction
N/A	No records in buffer					

Tanks (Points)

What are the Tank Points located within the dataset buffer?

Note. The large majority of tank features provided by LPI are derived from aerial imagery & are therefore primarily above ground tanks.

Map Id	Tank Type	Status	Name	Feature Currency	Distance	Direction
N/A	No records in buffer					

Tanks Data Source: © Land and Property Information (2015)

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Major Easements

What Major Easements exist within the dataset buffer?

Note. Easements provided by LPI are not at the detail of local governments. They are limited to major easements such as Right of Carriageway, Electrical Lines (66kVa etc.), Easement to drain water & Significant subterranean pipelines (gas, water etc.).

Map Id	Easement Class	Easement Type	Easement Width	Distance	Direction
120119143	Primary	Undefined		0m	On-site
120111374	Primary	Undefined		8m	West
176280685	Primary	Right of way	20m	20m	North West

Easements Data Source: © Land and Property Information (2015)

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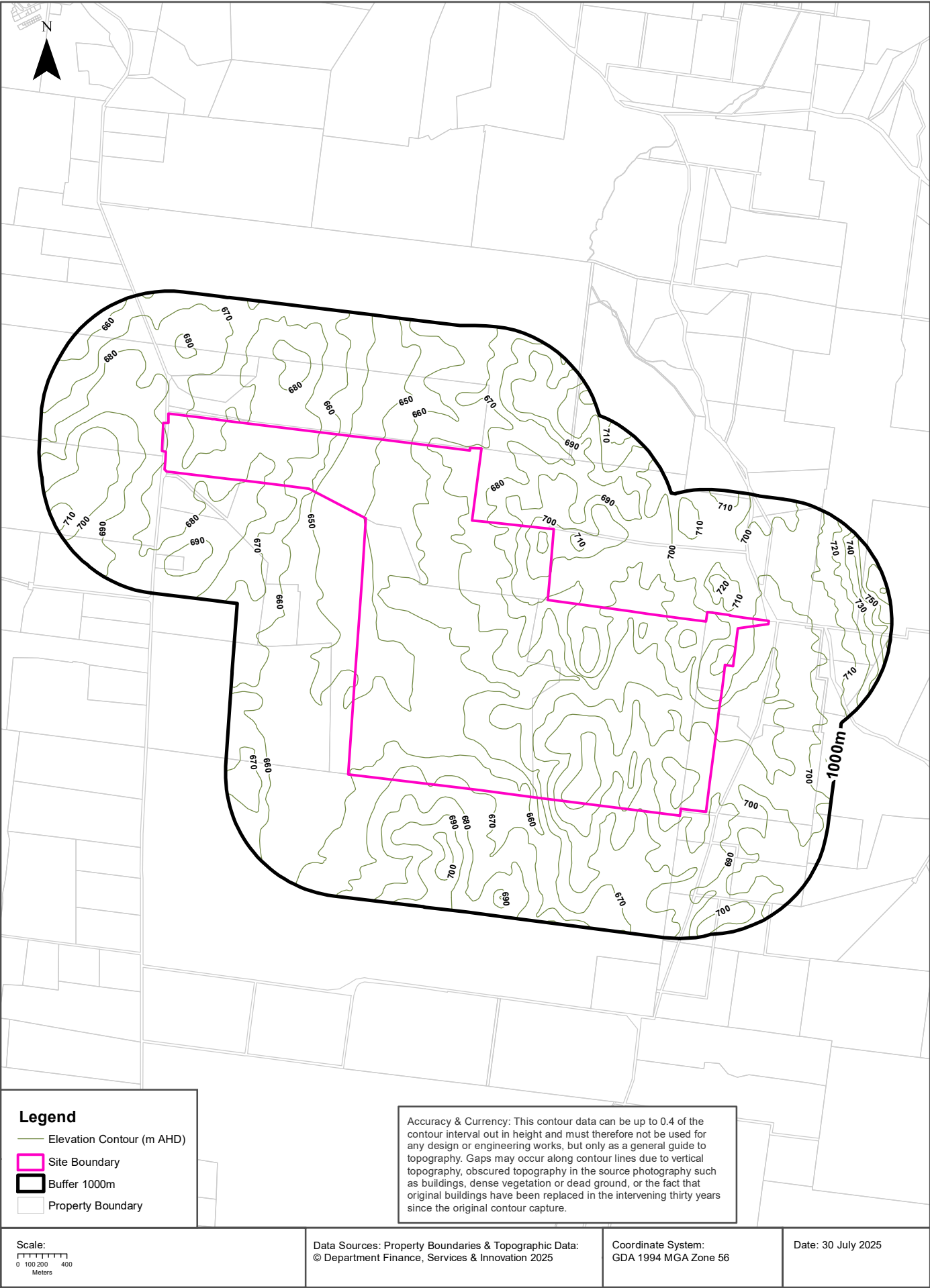
State Forest

What State Forest exist within the dataset buffer?

State Forest Number	State Forest Name	Distance	Direction
N/A	No records in buffer		

State Forest Data Source: © NSW Department of Finance, Services & Innovation (2018)

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Hydrogeology & Groundwater

1013 Windellama Road, Gundry, NSW 2580

Hydrogeology

Description of aquifers within the dataset buffer:

Description	Distance	Direction
Fractured or fissured, extensive aquifers of low to moderate productivity	0m	On-site

Hydrogeology Map of Australia : Commonwealth of Australia (Geoscience Australia)

Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

Temporary Water Restriction (Botany Sands Groundwater Source) Order 2024

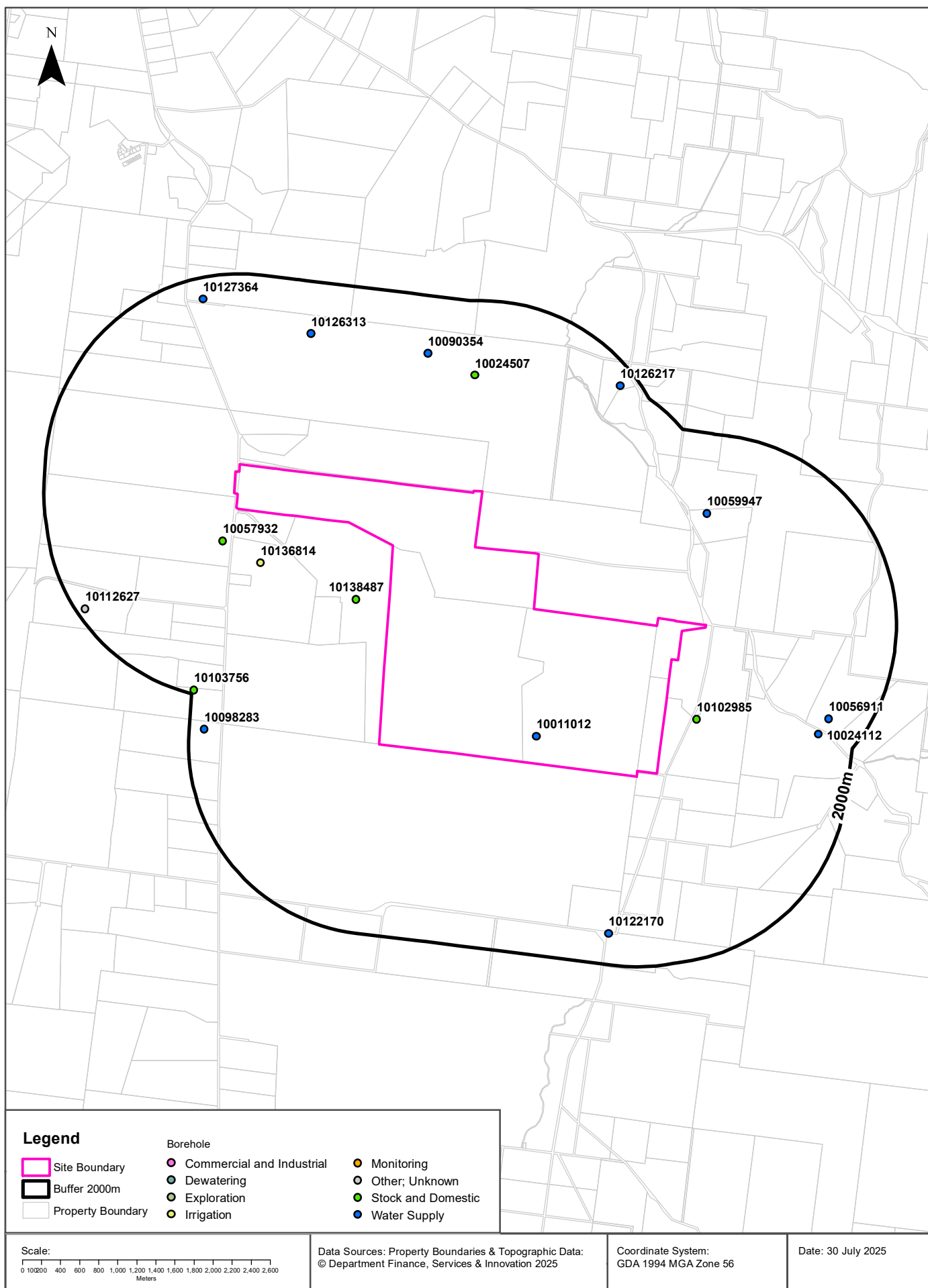
Temporary water restrictions relating to the Botany Sands aquifer within the dataset buffer:

Prohibition Area No.	Prohibition	Distance	Direction
N/A	No records in buffer		

Temporary Water Restriction (Botany Sands Groundwater Source) Order 2024 Data Source : NSW Department of Primary Industries

Groundwater Boreholes

1013 Windellama Road, Gundry, NSW 2580



Hydrogeology & Groundwater

1013 Windellama Road, Gundry, NSW 2580

Groundwater Boreholes

Boreholes within the dataset buffer:

NGIS Bore ID	NSW Bore ID	Bore Type	Status	Drill Date	Bore Depth (m)	Reference Elevation	Height Datum	Salinity (mg/L)	Yield (L/s)	SWL (mbgl)	Distance	Direction
10011012	GW068697	Water Supply	Functioning	08/03/1990	30.00		AHD	Good	0.200	21.00	0m	On-site
10102985	GW115731	Stock and Domestic	Functioning	12/02/2018	78.00		AHD			10.00	344m	East
10138487	GW037097	Stock and Domestic	Functioning	01/09/1973	54.80		AHD	Fresh			347m	West
10057932	GW110622	Stock and Domestic	Unknown	21/08/2009	60.00		AHD		0.025	22.00	372m	West
10136814	GW104082	Irrigation	Unknown	01/01/1998	73.00		AHD				534m	West
10059947	GW114529	Water Supply	Functioning	30/01/2014	48.00		AHD	Good	0.810	8.00	1161m	North East
10024507	GW029392	Stock and Domestic	Functioning	01/01/1949	19.20		AHD	0-500 ppm	0.300	1.20	1210m	North
10090354	GW064573	Water Supply	Unknown	01/12/1987	41.10		AHD				1393m	North
10126313	GW058017	Water Supply	Unknown	01/11/1982	61.00		AHD	Good			1451m	North West
10056911	GW101978	Water Supply	Unknown	06/04/1998	64.00		AHD	Good	0.750	25.00	1614m	East
10024112	GW050852	Water Supply	Unknown	01/06/1980	56.40		AHD	Good			1631m	East
10122170	GW107237	Water Supply	Functioning	13/07/2005	36.00		AHD		2.250	5.00	1677m	South
10127364	GW052467	Water Supply	Unknown	01/01/1981	61.00		AHD	Good			1775m	North West
10126217	GW105375	Water Supply	Unknown	11/05/2001	42.00		AHD		1.500	3.00	1819m	North East
10098283	GW106828	Water Supply	Functioning	29/03/2003	61.00		AHD		0.230	14.00	1841m	West
10112627	GW115160	Unknown	Unknown				AHD				1909m	West
10103756	GW046663	Stock and Domestic	Unknown	01/02/1977			AHD				1957m	West

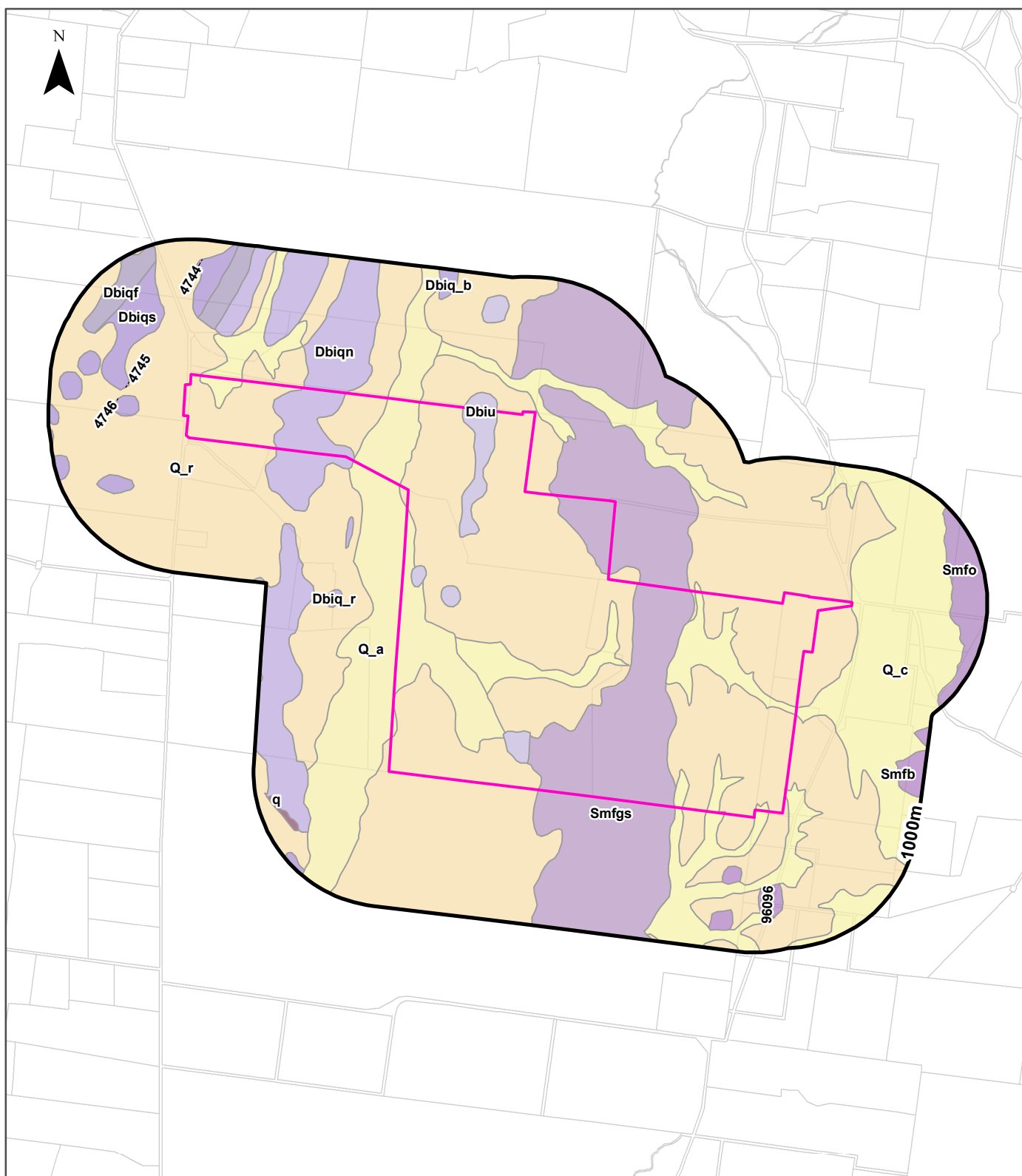
Borehole Data Source: Bureau of Meteorology; Water NSW. Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

Driller's Logs

Drill log data relevant to the boreholes within the dataset buffer:

NGIS Bore ID	Drillers Log	Distance	Direction
10011012	0.00m-1.00m TOPSOIL 1.00m-2.00m CLAY 2.00m-21.00m HARD BROWN ROCK 21.00m-23.00m RIVER GRAVEL 23.00m-30.00m HARD BROWN ROCK	0m	On-site
10138487	0.00m-0.60m Topsoil 0.60m-10.05m Clay Red Water Supply 10.05m-16.76m Granite Decomposed Water Supply 16.76m-54.86m Granite Water Supply	347m	West
10057932	0.00m-3.00m SOIL, BROWN CLAY 3.00m-15.00m SEDIMENT, WHITE, WEATHERED 15.00m-60.00m QUARTZ SEDIMENT, GREY, WHITE	372m	West
10059947	0.00m-1.00m BROWN SOIL CLAY 1.00m-22.00m SHALE LIGHT BROWN 22.00m-48.00m SHALE GREY BLACK	1161m	North East
10024507	0.00m-0.61m Soil 0.61m-3.96m Clay Stiff 3.96m-5.49m Wash Shingle Water Bearing 5.49m-9.14m Clay Yellow 9.14m-19.20m Granite Decomposed Water Supply	1210m	North
10090354	0.00m-0.30m Topsoil 0.30m-1.50m Clay 1.50m-4.50m Basalt Soft 4.50m-41.10m Basalt	1393m	North
10126313	0.00m-0.30m Topsoil 0.30m-0.60m Clay 0.60m-1.50m Granite Decomposed 1.50m-20.70m Granite Hard Soft Bands 20.70m-61.00m Granite Water Supply	1451m	North West
10056911	0.00m-10.00m Clay 10.00m-45.00m Soft Shale 45.00m-52.00m Hard Shale 52.00m-64.00m Basalt	1614m	East
10024112	0.00m-1.00m Soil 1.00m-28.00m Clay 28.00m-56.40m Granite Water Supply	1631m	East
10122170	0.00m-1.00m clay 1.00m-6.00m clay, grey 6.00m-20.00m granite, decomposed 20.00m-36.00m granite, broken	1677m	South
10127364	0.00m-0.30m Topsoil 0.30m-24.69m Clay White Water Supply 24.69m-25.60m Quartz 25.60m-60.96m Granite Porphyry Water Supply	1775m	North West
10126217	0.00m-1.50m TOPSOIL/CLAY 1.50m-3.00m FRACTURED VOLCANICS 3.00m-42.00m VOLCANICS / LIMESTONE BANDS	1819m	North East
10098283	0.00m-1.00m clay 1.00m-7.00m shale, brown 7.00m-15.00m shale, grey 15.00m-18.00m shale, brown 18.00m-61.00m granite	1841m	West
10103756	0.00m-0.30m Topsoil 0.30m-28.70m Clay White 28.70m-45.10m Clay 45.10m-46.00m Granite Decomposed 46.00m-54.90m Granite Bedrock	1957m	West

Drill Log Data Source: Bureau of Meteorology; Water NSW. Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

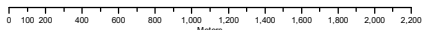


Legend

Linear Geological Structures and Boundaries

- | | | | | | | | |
|---|-------------------|---|---------------------|---|------------------------------------|---|--------------------------|
|  | Site Boundary |  | Trendline |  | Marker Bed |  | Miscellaneous Boundary |
|  | Report Buffer |  | Fold Axis |  | Faulted Boundary |  | Water/Coastline Boundary |
|  | Property Boundary |  | Geological Boundary |  | Shear Zone or Schist Zone Boundary |  | State/Territory Border |

Scale:



Data Sources: Property Boundaries & Topographic Data:
© Department Finance, Services & Innovation 2025

Coordinate System:
GDA 1994 MGA Zone 56

Date: 30 July 2025

Geology

1013 Windellama Road, Gundry, NSW 2580

Geological Units

Geological units within the dataset buffer:

Code	Unit Name	Description	Stratigraphy	Age Range	Dominant Lithology	Dist	Dir
Dbiqn	Newacres Ignimbrite Member	Cream to grey quartz-feldspar phyric crystal-rich welded rhyolitic ignimbrite.	/Bindook Group//Quialigo Volcanics/Newacres Ignimbrite Member/	Eognathodus sulcatus (base) to Polygnathus pireneae (top)	Pyroclastic rock	0m	On-site
Q_a	Alluvium	Unconsolidated grey to brown to beige humic (±)micaceous silty clay, quartz-(±)lithic silt, fine- to medium-grained quartz-rich to quartz-lithic sand, polymictic pebble to cobble gravel (as sporadic lenses); sporadic palaeosol horizons.	/Alluvium////	Quaternary (base) to Now (top)	Clastic sediment	0m	On-site
Q_c	Colluvium	Poorly sorted, weakly cemented to unconsolidated colluvial lenses of polymictic conglomerate with medium- to very coarse-grained sand matrix; interspersed with unconsolidated clayey and silty red-brown (aeolian) sand layers, modified by pedogenesis.	/Colluvium////	Quaternary (base) to Now (top)	Clastic sediment	0m	On-site
Q_r	Residual deposits	A weakly-consolidated regolithic residuum such as soil or saprolite mostly developed in-situ as a result of advanced weathering and/or pedogenesis.	/Residual deposits////	Quaternary (base) to Now (top)	Saprolite	0m	On-site
Dbiu	Bullamalita Conglomerate	Cream to grey boulder conglomerate. Clasts of quartz to lithic-quartz sandstone, siltstone, shale, and quartz-feldspar-phyric rhyolite. Clasts up to 60 cm but mostly <30 cm in a coarse-grained to granule quartz-lithic volcanoclastic matrix.	/Bindook Group//Bullamalita Conglomerate//	Ancyrodelloides delta (base) to Ancyrodelloides delta (top)	Conglomerate	0m	On-site
Smfgs	Back Station Ignimbrite Member	Blue-grey crystal-rich welded dacitic ignimbrite containing crystals/fragments of plagioclase, quartz-hornblende, clinopyroxene and orthopyroxene, set in micro- to crypto-crystalline matrix; spherulites.	/Mount Fairy Group//Gundry Volcanics/Back Station Ignimbrite Member/	Caudicriodus woschmidt (base) to Ozarkodina eurekaensis (top)	Pyroclastic rock	0m	On-site
Dbiqs	Saltpetre Andesite Member	Green-grey, flow-banded, commonly amygdaloidal, pyroxene-feldspar-phyric andesite.	/Bindook Group//Quialigo Volcanics/Saltpetre Andesite Member/	Eognathodus kindlei (base) to Polygnathus pireneae (top)	Andesite	331m	North West
Dbiqf	Four Winds Ignimbrite Member	Green-grey, lithic-crystal-rich, welded, dacitic ignimbrite and dacitic volcanic breccia.	/Bindook Group//Quialigo Volcanics/Four Winds Ignimbrite Member/	Eognathodus kindlei (base) to Eognathodus kindlei (top)	Pyroclastic rock	352m	North West
Dbiq_r	Quialigo Volcanics - basalt	Red and green speckled amygdaloidal plagioclase-augite-phyric basalt.	/Bindook Group//Quialigo Volcanics/Quialigo Volcanics - basalt/	Ancyrodelloides delta (base) to Polygnathus pireneae (top)	Basalt	374m	North West
Smfb	Boxers Creek Formation	Brown to cream, very fine- to very coarse-grained, lithic-quartz sandstone, feldspathic in places, interbedded with laminated, cream to grey siltstone and shale; rare lenses of rhyolitic volcanic sandstone and crystal-vitric rhyolitic tuff.	/Mount Fairy Group//Boxers Creek Formation//	Ozarkodina eosteinhornensis (base) to Caudicriodus woschmidt (top)	Sandstone	376m	South East
Smfo	Covan Creek Formation	Medium-grained, thick-bedded quartz-lithic arenite and greywacke, graded or laminated in places; quartzite; cross-bedded to laminated siltstone; shale.	/Mount Fairy Group//Covan Creek Formation//	Pedavis latialata (base) to Caudicriodus woschmidt (top)	Siliciclastic sedimentary rock	725m	East

Code	Unit Name	Description	Stratigraphy	Age Range	Dominant Lithology	Dist	Dir
Dbiq_b	Quialigo Volcanics - breccia	Green-grey, andesitic volcaniclastic breccia. Massive, coarse-grained to pebbly, volcanic sandstone. Welded andesitic ignimbrite. Fine-grained andesite.	/Bindook Group//Quialigo Volcanics/Quialigo Volcanics - breccia/	Ancyrodelloides delta (base) to Polygnathus pireneae (top)	Undifferentiated breccia	773m	North
q	quartz vein	A thin, extensive curvi-planar body of intrusive milky white to translucent quartz, texturally massive to internally zoned, staged crystal growth or laminar quartz; usually occupying a fracture. Country rock fragments or mineralisation present.	///quartz vein//	Palaeozoic (base) to Palaeozoic (top)	Quartz vein	779m	South West

Linear Geological Structures

Fault and shear or schist zone boundaries within the dataset buffer:

Map ID	Boundary Type	Feature Description	Fault Dip Angle	Fault Dip Direction	Dist	Dir
96096	Faulted boundary	Fault, inferred	Unknown	Unknown	520m	South East

Trendlines within the dataset buffer:

Map ID	Feature Description	Observation Method	Structure Name	Dist	Dir
NA	No records in buffer				

Fold axes within the dataset buffer:

Map ID	Feature Description	Observation Method	Structure Name	Dist	Dir
4745	Syncline, position approximate	Undefined		417m	North West
4746	Syncline, position approximate	Undefined		489m	North West
4744	Syncline, position approximate	Undefined		789m	North West

Marker beds within the dataset buffer:

Map ID	Feature Description	Rock Unit Description	Dist	Dir
NA	No records in buffer			

Geological Data Source: Statewide Seamless Geology v2.4, NSW Department of Primary Industries and Regional Development
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Naturally Occurring Asbestos Potential

1013 Windellama Road, Gundry, NSW 2580

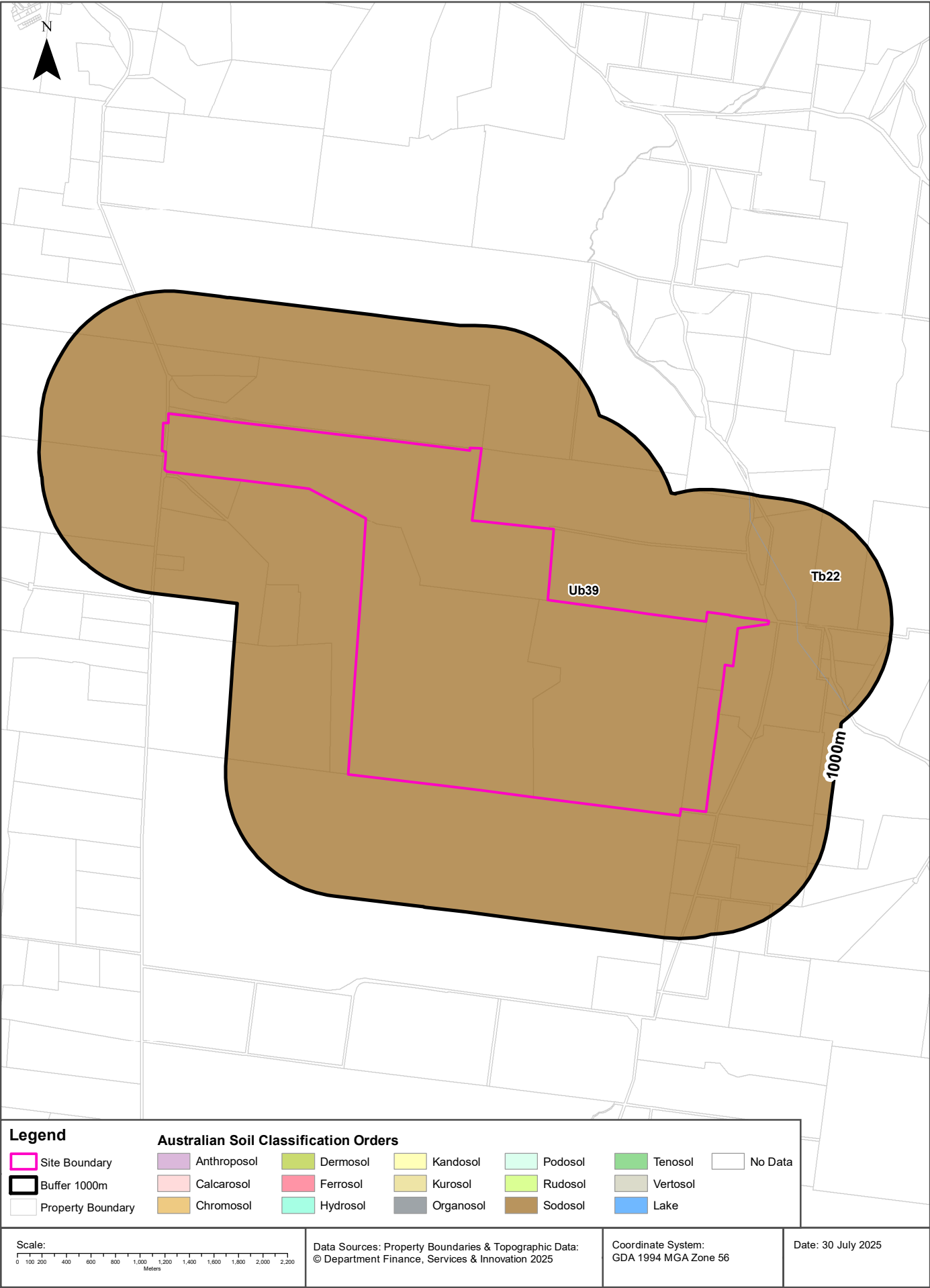
Naturally Occurring Asbestos Potential

Naturally Occurring Asbestos Potential within the dataset buffer:

Potential	Sym	Strat Name	Group	Formation	Scale	Min Age	Max Age	Rock Type	Dom Lith	Description	Dist	Dir
No records in buffer												

Naturally Occurring Asbestos Potential Data Source: Statewide Seamless Geology v2.4, NSW Department of Primary Industries and Regional Development

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Soils

1013 Windellama Road, Gundry, NSW 2580

Atlas of Australian Soils

Soil mapping units and Australian Soil Classification orders within the dataset buffer:

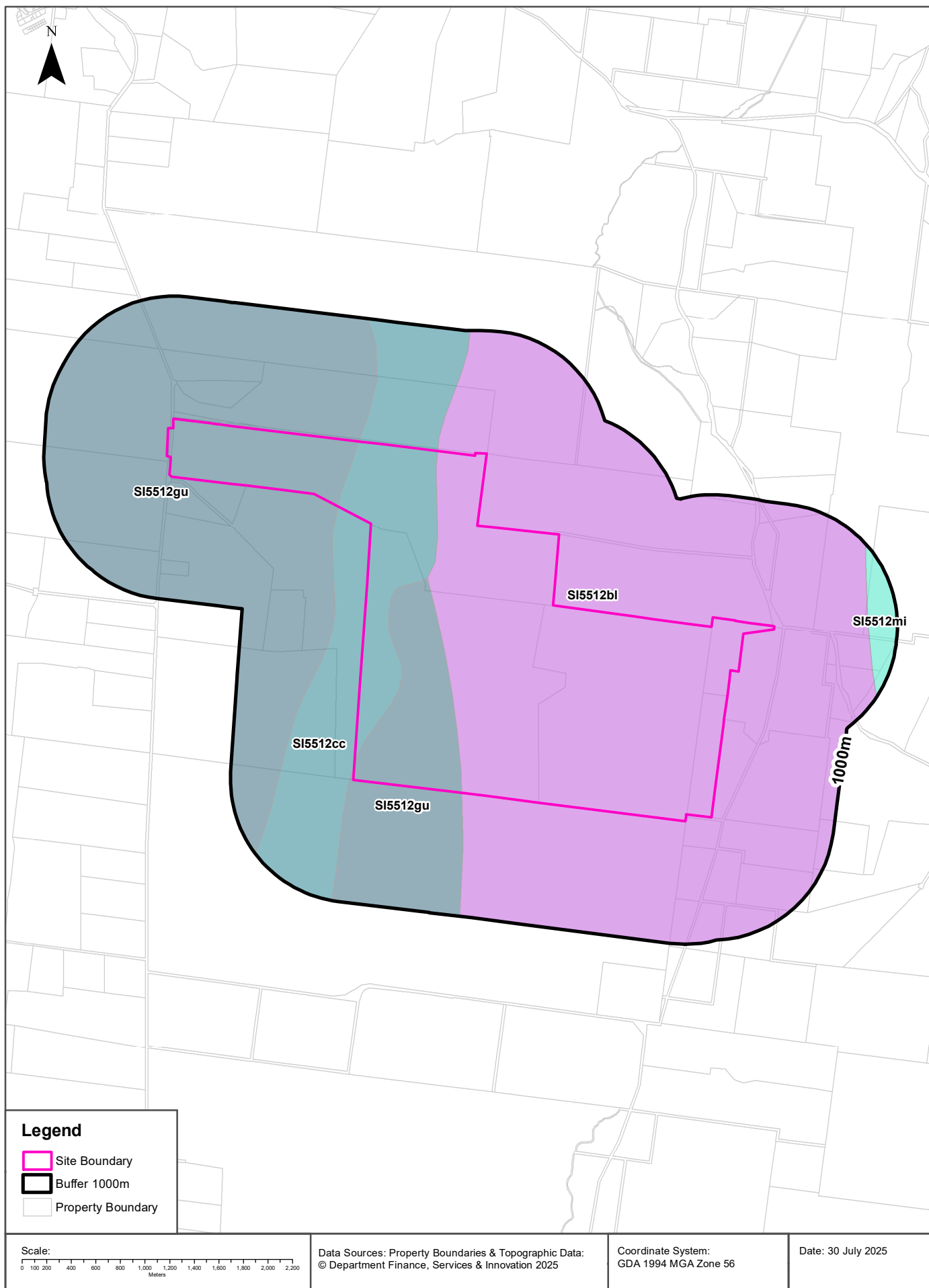
Map Unit Code	Soil Order	Map Unit Description	Distance	Direction
Ub39	Sodosol	Undulating to hilly country: chief soils are hard neutral and acid yellow mottled soils (Dy3.42 and Dy3.41) in a general pattern as follows: (i) undulating to hilly slopes of various (Dy) and (Dr) soils, including (Dy3.41), (Dy3.42), (Dy3.2), (Dr2.2), (Dr2.4); (ii) (Dy3.42) and sometimes (Dr3.42) soils in basins which merge with unit Va21 and lower-lying sites generally; and (iii) less frequently (Gn2. 15) and (Gn2.25) soils on gently undulating areas, usually situated between (i) and (ii). As mapped, small areas of units Tb22 and Va22 are included. Data are limited.	0m	On-site
Tb22	Sodosol	Hilly to steep hilly ranges with rock outcrops: chief soils are shallow stony hard acidic yellow mottled soils (Dy3.41), (Dy3.21), with (Dr2) and (Um4.1) soils. As mapped, areas of unit Ub39 are included. Data are limited.	222m	East

Atlas of Australian Soils Data Source: CSIRO

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Soil Landscapes of Central and Eastern NSW

1013 Windellama Road, Gundry, NSW 2580



Soil Landscapes of Central and Eastern NSW

Soil Landscapes of Central and Eastern NSW within the dataset buffer:

Soil Code	Name	Distance	Direction
SI5512bl	Bullamalita	0m	On-site
SI5512gu	Gundary	0m	On-site
SI5512cc	Collector Creek	0m	On-site
SI5512mi	Midgee	755m	East

Soil Landscapes of Central and Eastern NSW: NSW Department of Planning, Industry and Environment
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Acid Sulfate Soils

1013 Windellama Road, Gundry, NSW 2580

Environmental Planning Instrument - Acid Sulfate Soils

What is the on-site Acid Sulfate Soil Plan Class that presents the largest environmental risk?

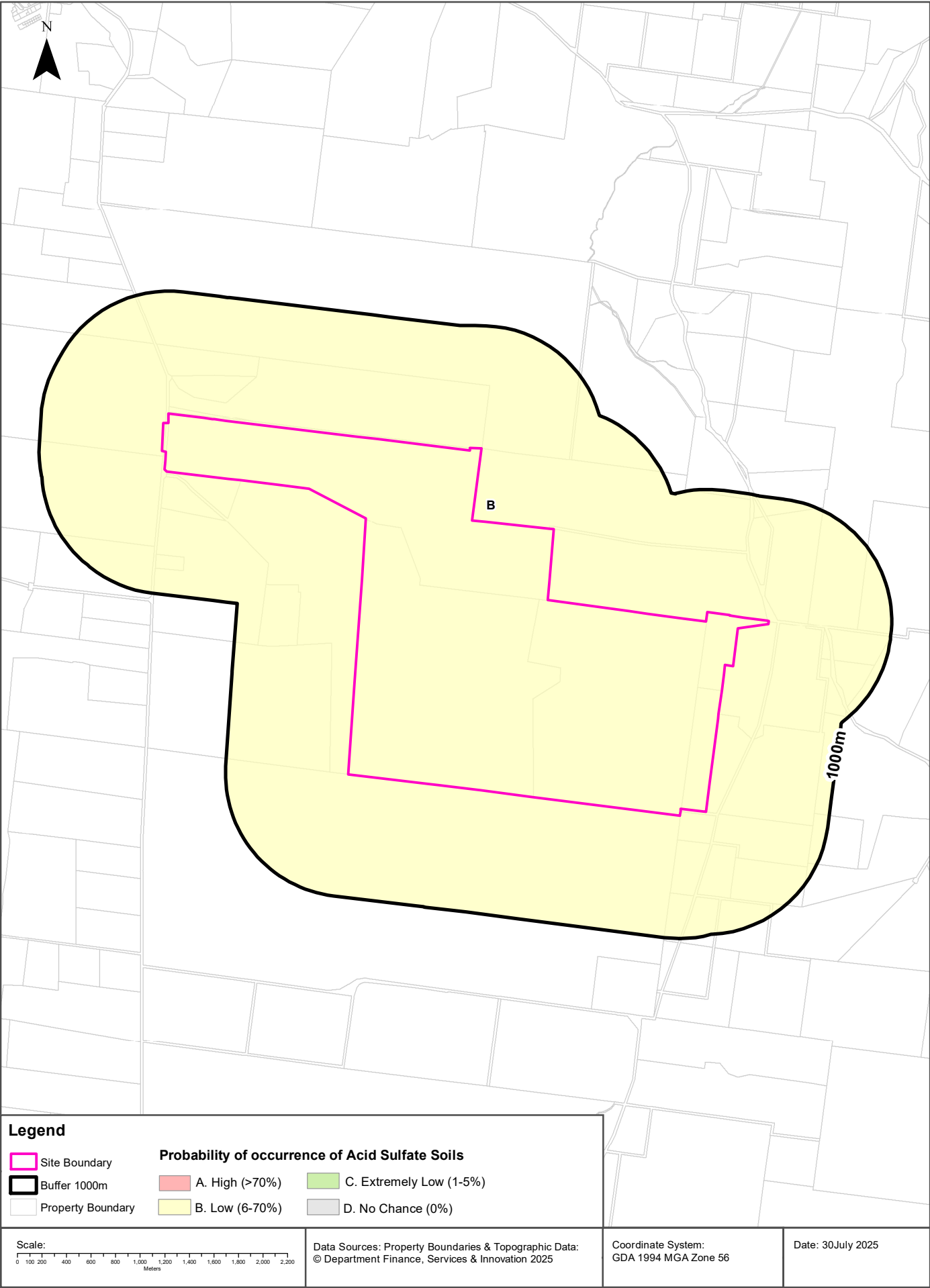
Soil Class	Description	EPI Name
N/A		

If the on-site Soil Class is 5, what other soil classes exist within 500m?

Soil Class	Description	EPI Name	Distance	Direction
N/A				

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Acid Sulfate Soils

1013 Windellama Road, Gundry, NSW 2580

Atlas of Australian Acid Sulfate Soils

Atlas of Australian Acid Sulfate Soil categories within the dataset buffer:

Class	Description	Distance	Direction
B	Low Probability of occurrence. 6-70% chance of occurrence.	0m	On-site

Atlas of Australian Acid Sulfate Soils Data Source: CSIRO

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Dryland Salinity

1013 Windellama Road, Gundry, NSW 2580

Dryland Salinity - National Assessment

Is there Dryland Salinity - National Assessment data onsite?

No

Is there Dryland Salinity - National Assessment data within the dataset buffer?

No

What Dryland Salinity assessments are given?

Assessment 2000	Assessment 2020	Assessment 2050	Distance	Direction
N/A	N/A	N/A		

Dryland Salinity Data Source : National Land and Water Resources Audit

The Commonwealth and all suppliers of source data used to derive the maps of "Australia, Forecast Areas Containing Land of High Hazard or Risk of Dryland Salinity from 2000 to 2050" do not warrant the accuracy or completeness of information in this product. Any person using or relying upon such information does so on the basis that the Commonwealth and data suppliers shall bear no responsibility or liability whatsoever for any errors, faults, defects or omissions in the information. Any persons using this information do so at their own risk.

In many cases where a high risk is indicated, less than 100% of the area will have a high hazard or risk.

Mining

1013 Windellama Road, Gundry, NSW 2580

Mining Subsidence Districts

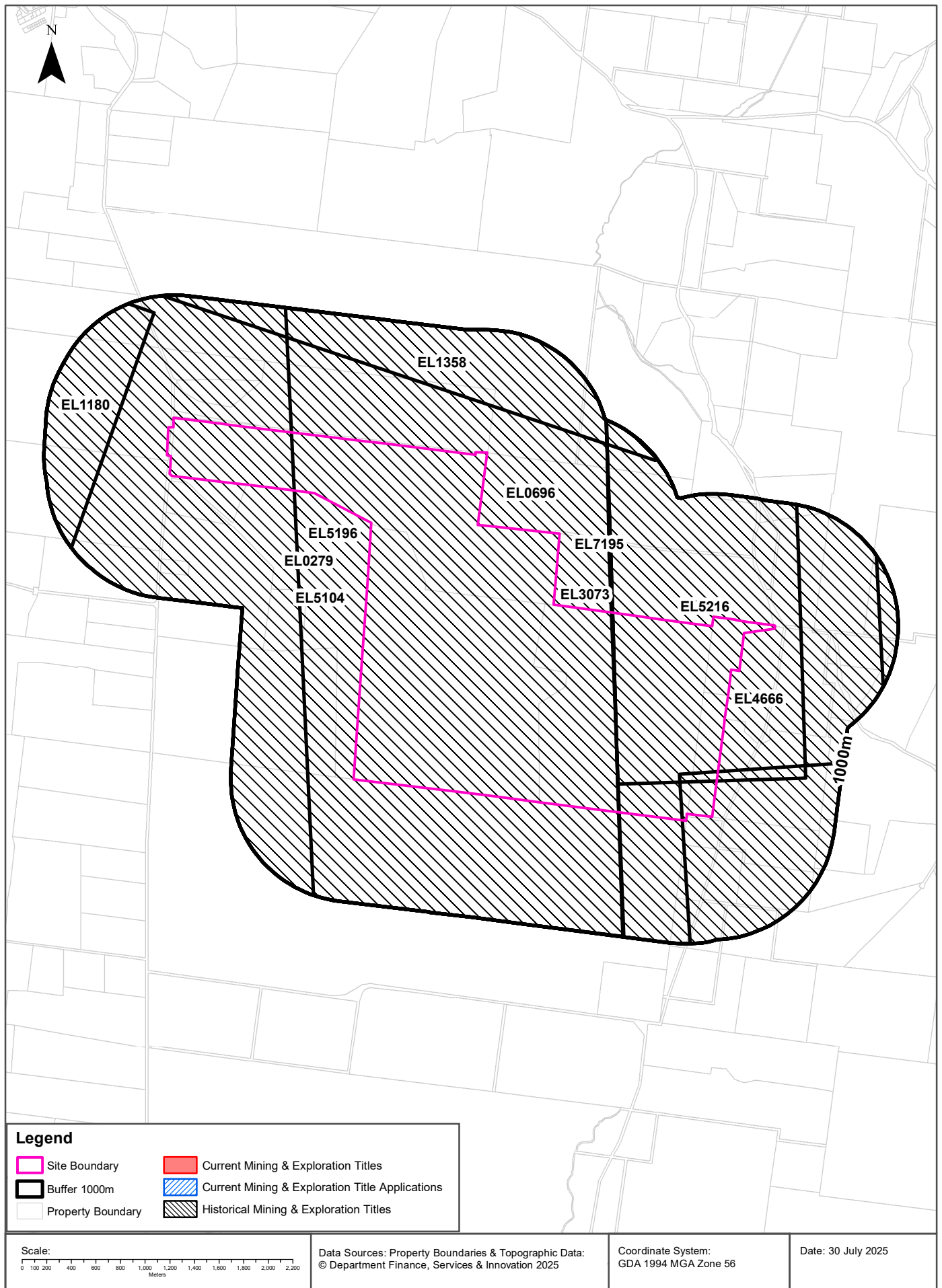
Mining Subsidence Districts within the dataset buffer:

District	Distance	Direction
There are no Mining Subsidence Districts within the report buffer		

Mining Subsidence District Data Source: © Land and Property Information (2016)
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Mining & Exploration Titles

1013 Windellama Road, Gundry, NSW 2580



Mining

1013 Windellama Road, Gundry, NSW 2580

Current Mining & Exploration Titles

Current Mining & Exploration Titles within the dataset buffer:

Title Ref	Holder	Grant Date	Expiry Date	Last Renewed	Operation	Resource	Minerals	Dist	Dir
N/A	No records in buffer								

Current Mining & Exploration Titles Data Source: Statewide Seamless Geology v2.4, NSW Department of Primary Industries and Regional Development

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Current Mining & Exploration Title Applications

Current Mining & Exploration Title Applications within the dataset buffer:

Application Ref	Applicant	Application Date	Operation	Resource	Minerals	Dist	Dir
N/A	No records in buffer						

Current Mining & Exploration Title Applications Data Source: Statewide Seamless Geology v2.4, NSW Department of Primary Industries and Regional Development

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Historical Mining & Exploration Titles

Historical Mining & Exploration Titles within the dataset buffer:

Title Ref	Holder	Start Date	End Date	Resource	Minerals	Dist	Dir
EL0696	JODODEX AUSTRALIA PTY LIMITED	19740301	19740701	MINERALS	Cu Pb Zn	0m	On-site
EL4666	DOWMILL PTY LIMITED, NOSEBI MINING & MANAGEMENT PTY LTD	19940614	19960613	MINERALS	Ag Au Cu Pb Zn	0m	On-site
EL5216	DOWMILL PTY LIMITED, NOSEBI MINING & MANAGEMENT PTY LTD	19970211	19980613	MINERALS	Ag Au Cu Pb Zn	0m	On-site
EL3073	NORGOLD LIMITED	19880301	19891201	MINERALS	Au Ag Cu Pb Zn	0m	On-site
EL5196	PLATSEARCH NL	19970129	19980908	MINERALS	Au	0m	On-site
EL0279	VAM LIMITED	19710401	19720401	MINERALS	Cu Pb Zn Ag Au	0m	On-site
EL5104	PLATSEARCH NL	19960909	19980908	MINERALS		0m	On-site
EL7195	ICARUS MINES PTY LTD	20080828	20140828	MINERALS	Au Cu Ag Zn Pb	0m	On-site
EL1358	SAMEDAN OIL CORPORATION	19800601	19800901	MINERALS		374m	North
EL1180	SAMEDAN OIL CORPORATION	19790301	19801201	MINERALS	Cu Pb Zn Ag	420m	North West

Historical Mining & Exploration Titles Data Source: Statewide Seamless Geology v2.4, NSW Department of Primary Industries and Regional Development

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State Environmental Planning Policy

1013 Windellama Road, Gundry, NSW 2580

State Significant Precincts

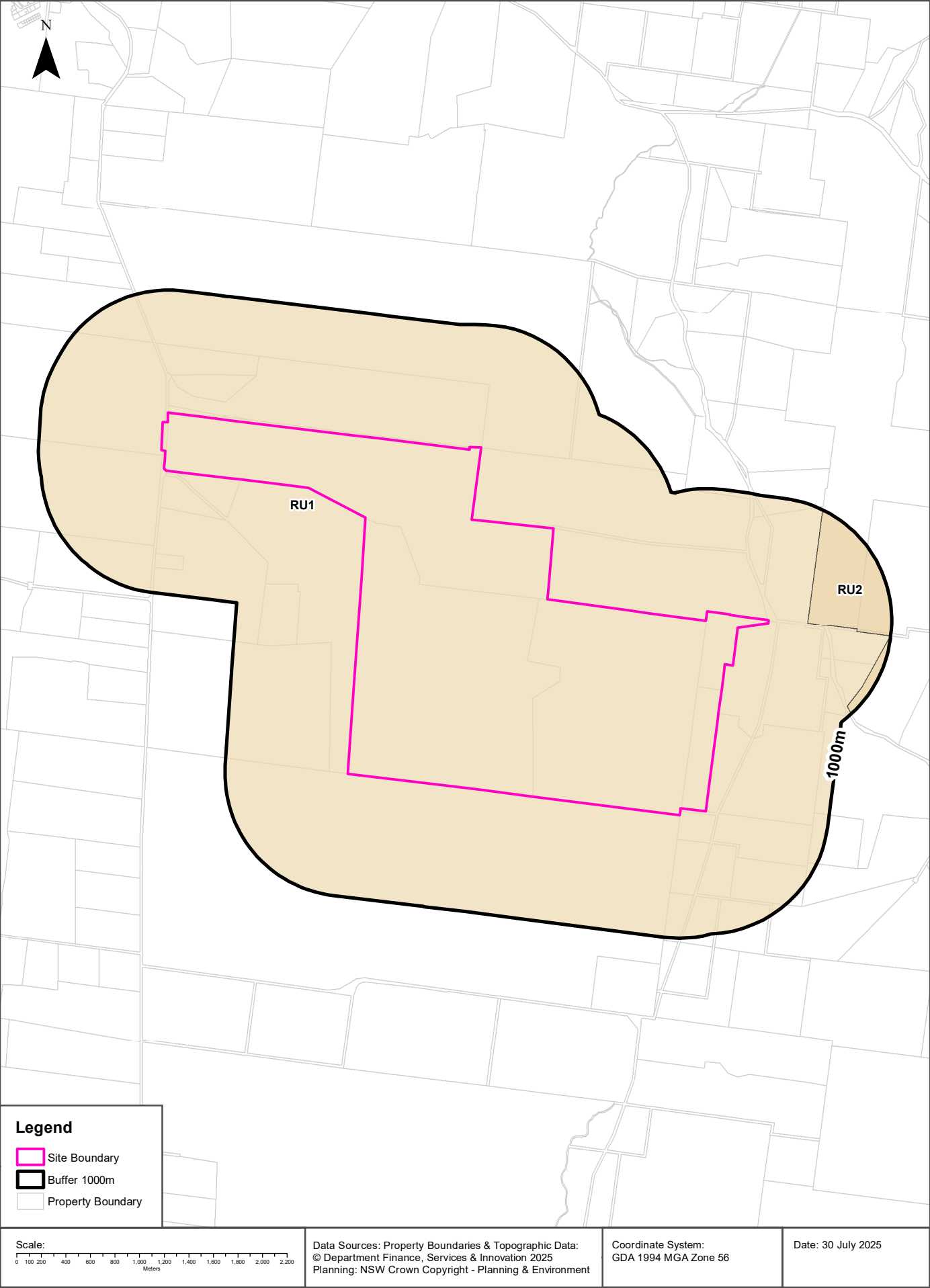
What SEPP State Significant Precincts exist within the dataset buffer?

Map Id	Precinct	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
N/A	No records in buffer							

State Environment Planning Policy Data Source: NSW Crown Copyright - Planning & Environment
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EPI Planning Zones

1013 Windellama Road, Gundry, NSW 2580



Environmental Planning Instrument

1013 Windellama Road, Gundry, NSW 2580

Land Zoning

What EPI Land Zones exist within the dataset buffer?

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
RU1	Primary Production		Goulburn Mulwaree Local Environmental Plan 2009	24/02/2023	26/04/2023	23/05/2025	State Environmental Planning Policy Amendment (Land Use Zones) 2023	0m	On-site
RU2	Rural Landscape		Goulburn Mulwaree Local Environmental Plan 2009	24/02/2023	26/04/2023	23/05/2025	State Environmental Planning Policy Amendment (Land Use Zones) 2023	310m	East

Environmental Planning Instrument Data Source: NSW Crown Copyright - Planning & Environment
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Heritage

1013 Windellama Road, Gundry, NSW 2580

Commonwealth Heritage List

What are the Commonwealth Heritage List Items located within the dataset buffer?

Place Id	Name	Address	Place File No	Class	Status	Register Date	Distance	Direction
N/A	No records in buffer							

Heritage Data Source: Australian Government Department of the Environment and Energy - Heritage Branch
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National Heritage List

What are the National Heritage List Items located within the dataset buffer?

Note. Please click on Place Id to activate a hyperlink to online website.

Place Id	Name	Address	Place File No	Class	Status	Register Date	Distance	Direction
N/A	No records in buffer							

Heritage Data Source: Australian Government Department of the Environment and Energy - Heritage Branch
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State Heritage Register - Curtilages

What are the State Heritage Register Items located within the dataset buffer?

Map Id	Name	Address	LGA	Listing Date	Listing No	Plan No	Distance	Direction
N/A	No records in buffer							

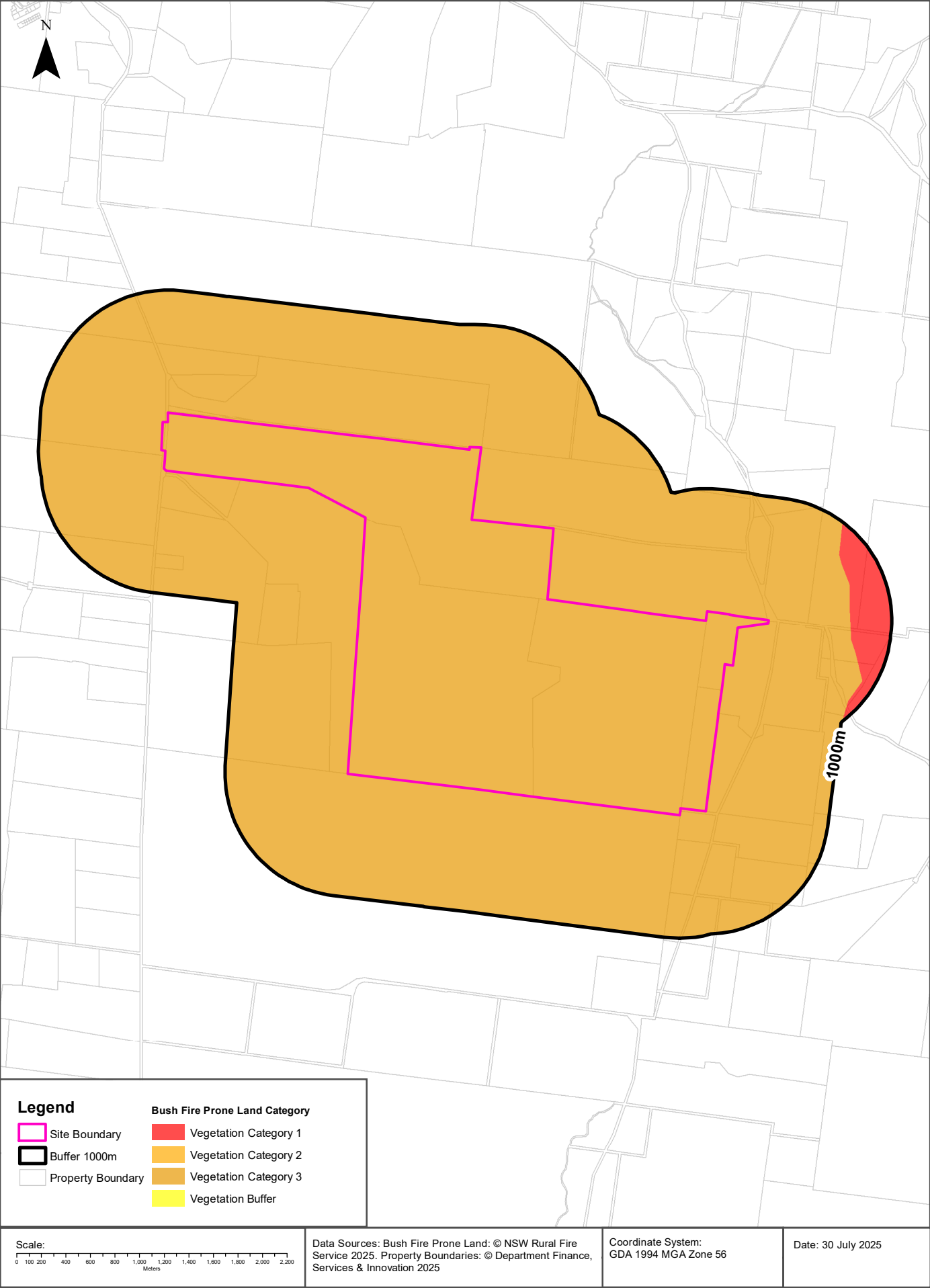
Heritage Data Source: NSW Crown Copyright - Office of Environment & Heritage
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Environmental Planning Instrument - Heritage

What are the EPI Heritage Items located within the dataset buffer?

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
N/A	No records in buffer								

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Natural Hazards

1013 Windellama Road, Gundry, NSW 2580

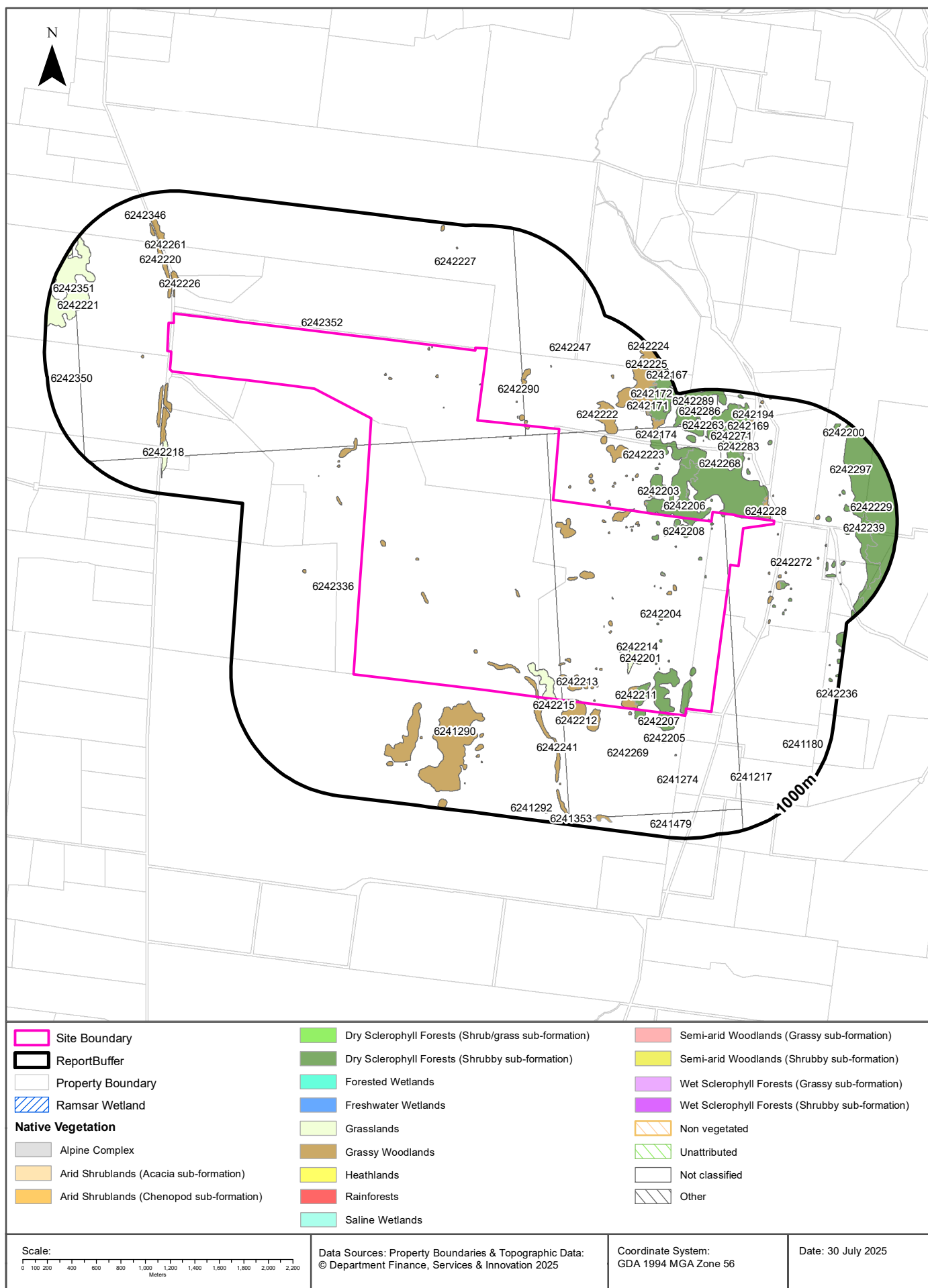
Bush Fire Prone Land

What are the nearest Bush Fire Prone Land Categories that exist within the dataset buffer?

Bush Fire Prone Land Category	Distance	Direction
Vegetation Category 3	0m	On-site
Vegetation Category 1	655m	East

NSW Bush Fire Prone Land - © NSW Rural Fire Service under Creative Commons 4.0 International Licence

1013 Windellama Road, Gundary, NSW 2580



Ecological Constraints

1013 Windellama Road, Gundry, NSW 2580

Native Vegetation

What native vegetation exists within the dataset buffer?

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
6242201	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	0m	On-site
6242202	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	0m	On-site
6242204	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	0m	On-site
6242205	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Bungonia Tableland Scribbly Gum Shrub Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
6242206	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Bungonia Tableland Scribbly Gum Shrub Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
6242207	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
6242208	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
6242210	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	0m	On-site
6242211	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	0m	On-site
6242212	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	0m	On-site
6242213	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Grassy Box Woodland	Southern Tableland Grassy Woodlands	0m	On-site
6242214	Grasslands	(Grasslands) Southern Tableland Red Grass-Spear Grass Grassland	Temperate Montane Grasslands	0m	On-site
6242215	Grasslands	(Grasslands) Southern Tableland Red Grass-Spear Grass Grassland	Temperate Montane Grasslands	0m	On-site
6242222	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	0m	On-site
6242241	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Frost Hollow Grassy Woodland	Tableland Clay Grassy Woodlands	0m	On-site
6242247	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6242269	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6242272	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6242336	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6242352	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6242229	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Bungonia Tableland Silvertop Ash-Stringybark Forest	South East Dry Sclerophyll Forests	0m	East
6242228	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Grassy Box Woodland	Southern Tableland Grassy Woodlands	14m	East
6242270	Not classified	(Not classified) Not classified	Not classified	22m	South
6242274	Not classified	(Not classified) Not classified	Not classified	41m	East
6241290	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	105m	South
6242226	Grasslands	(Grasslands) Southern Tableland Red Grass-Spear Grass Grassland	Temperate Montane Grasslands	105m	North West
6242220	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	137m	North West
6242203	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	161m	East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
6242292	Not classified	(Not classified) Not classified	Not classified	163m	East
6242276	Not classified	(Not classified) Not classified	Not classified	167m	East
6242287	Not classified	(Not classified) Not classified	Not classified	209m	East
6242209	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Grassy Box Woodland	Southern Tableland Grassy Woodlands	286m	East
6242290	Not classified	(Not classified) Not classified	Not classified	291m	North
6242174	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	309m	North East
6242281	Not classified	(Not classified) Not classified	Not classified	325m	North
6242239	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	348m	East
6242271	Not classified	(Not classified) Not classified	Not classified	352m	East
6242268	Not classified	(Not classified) Not classified	Not classified	370m	North East
6242218	Grasslands	(Grasslands) Southern Tableland Red Grass-Spear Grass Grassland	Temperate Montane Grasslands	398m	West
6242223	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Grassy Box Woodland	Southern Tableland Grassy Woodlands	455m	North East
6242169	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	486m	North East
6241274	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Frost Hollow Grassy Woodland	Tableland Clay Grassy Woodlands	514m	South East
6242283	Not classified	(Not classified) Not classified	Not classified	520m	East
6242261	Not classified	(Not classified) Not classified	Not classified	570m	North West
6242225	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Grassy Box Woodland	Southern Tableland Grassy Woodlands	590m	North East
6242238	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	610m	East
6241217	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Bungonia Tableland Scribbly Gum Shrub Forest	Southern Tableland Dry Sclerophyll Forests	620m	South East
6242221	Grasslands	(Grasslands) Southern Tableland Red Grass-Spear Grass Grassland	Temperate Montane Grasslands	680m	North West
6242288	Not classified	(Not classified) Not classified	Not classified	693m	North East
6242227	Grasslands	(Grasslands) Southern Tableland Red Grass-Spear Grass Grassland	Temperate Montane Grasslands	699m	North
6242263	Not classified	(Not classified) Not classified	Not classified	711m	North East
6242171	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	712m	North East
6242282	Not classified	(Not classified) Not classified	Not classified	716m	North East
6242350	Not classified	(Not classified) Not classified	Not classified	724m	West
6242307	Not classified	(Not classified) Not classified	Not classified	726m	East
6242297	Not classified	(Not classified) Not classified	Not classified	727m	East
6242262	Not classified	(Not classified) Not classified	Not classified	728m	North East
6242194	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Grassy Box Woodland	Southern Tableland Grassy Woodlands	762m	North East
6242278	Not classified	(Not classified) Not classified	Not classified	769m	North East
6241180	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	781m	South East
6241479	Not classified	(Not classified) Not classified	Not classified	784m	South East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
6242172	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Grassy Box Woodland	Southern Tableland Grassy Woodlands	789m	North East
6242293	Not classified	(Not classified) Not classified	Not classified	789m	North East
6242291	Not classified	(Not classified) Not classified	Not classified	800m	North East
6242351	Not classified	(Not classified) Not classified	Not classified	815m	North West
6242200	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	820m	East
6242286	Not classified	(Not classified) Not classified	Not classified	825m	North East
6242285	Not classified	(Not classified) Not classified	Not classified	829m	North East
6242346	Not classified	(Not classified) Not classified	Not classified	835m	North West
6242166	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Grassy Box Woodland	Southern Tableland Grassy Woodlands	836m	North East
6242284	Not classified	(Not classified) Not classified	Not classified	836m	North East
6242277	Not classified	(Not classified) Not classified	Not classified	840m	North East
6242294	Not classified	(Not classified) Not classified	Not classified	851m	North East
6242289	Not classified	(Not classified) Not classified	Not classified	852m	North East
6241292	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Grassy Box Woodland	Southern Tableland Grassy Woodlands	891m	South
6242163	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	926m	North East
6241353	Not classified	(Not classified) Not classified	Not classified	939m	South
6242167	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Grassy Box Woodland	Southern Tableland Grassy Woodlands	969m	North East
6242236	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	975m	South East
6242224	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Grassy Box Woodland	Southern Tableland Grassy Woodlands	982m	North East
6242280	Not classified	(Not classified) Not classified	Not classified	990m	North East

Native Vegetation Type Map : NSW Department of Planning and Environment 2022

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Ramsar Wetlands

What Ramsar Wetland areas exist within the dataset buffer?

Map ID	Ramsar Name	Wetland Name	Designation Date	Source	Distance	Direction
N/A	No records in buffer					

Ramsar Wetlands Data Source: © Commonwealth of Australia - Department of Agriculture, Water and the Environment

Ecological Constraints

1013 Windellama Road, Gundry, NSW 2580

Collaborative Australian Protected Areas Database - Terrestrial

Protected areas in terrestrial environments identified by the CAPAD within the dataset buffer:

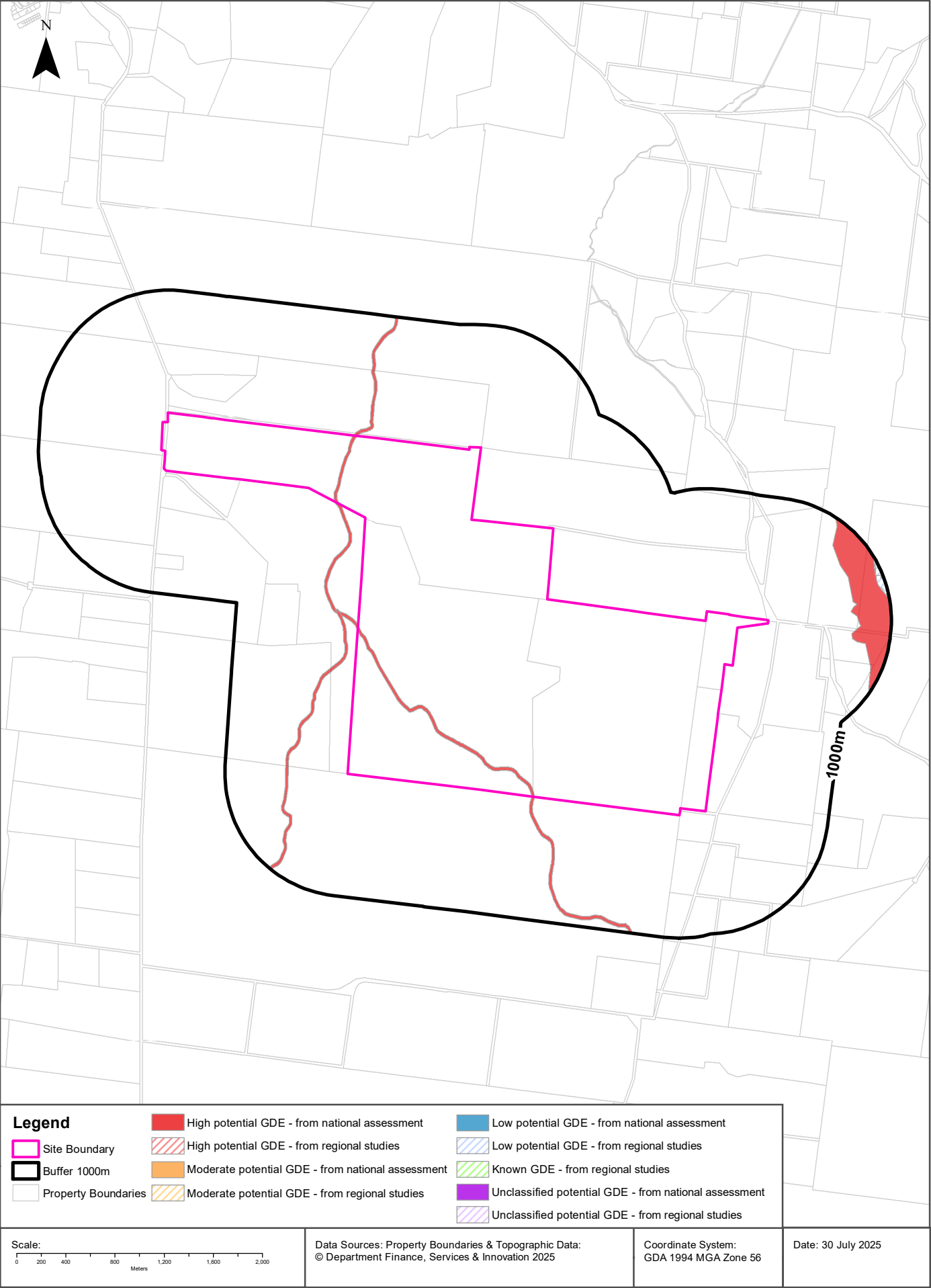
Map ID	Area Name	Area Details	Management Category	Authority	Jurisdiction	Dist	Dir
N/A	No records in buffer						

Collaborative Australian Protected Areas Database - Marine

Protected areas in marine environments identified by the CAPAD within the dataset buffer:

Map ID	Area Name	Area Details	Management Category	Authority	Jurisdiction	Dist	Dir
N/A	No records in buffer						

Source: Collaborative Australian Protected Areas Database (CAPAD) 2022
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Ecological Constraints

1013 Windellama Road, Gundry, NSW 2580

Groundwater Dependent Ecosystems Atlas

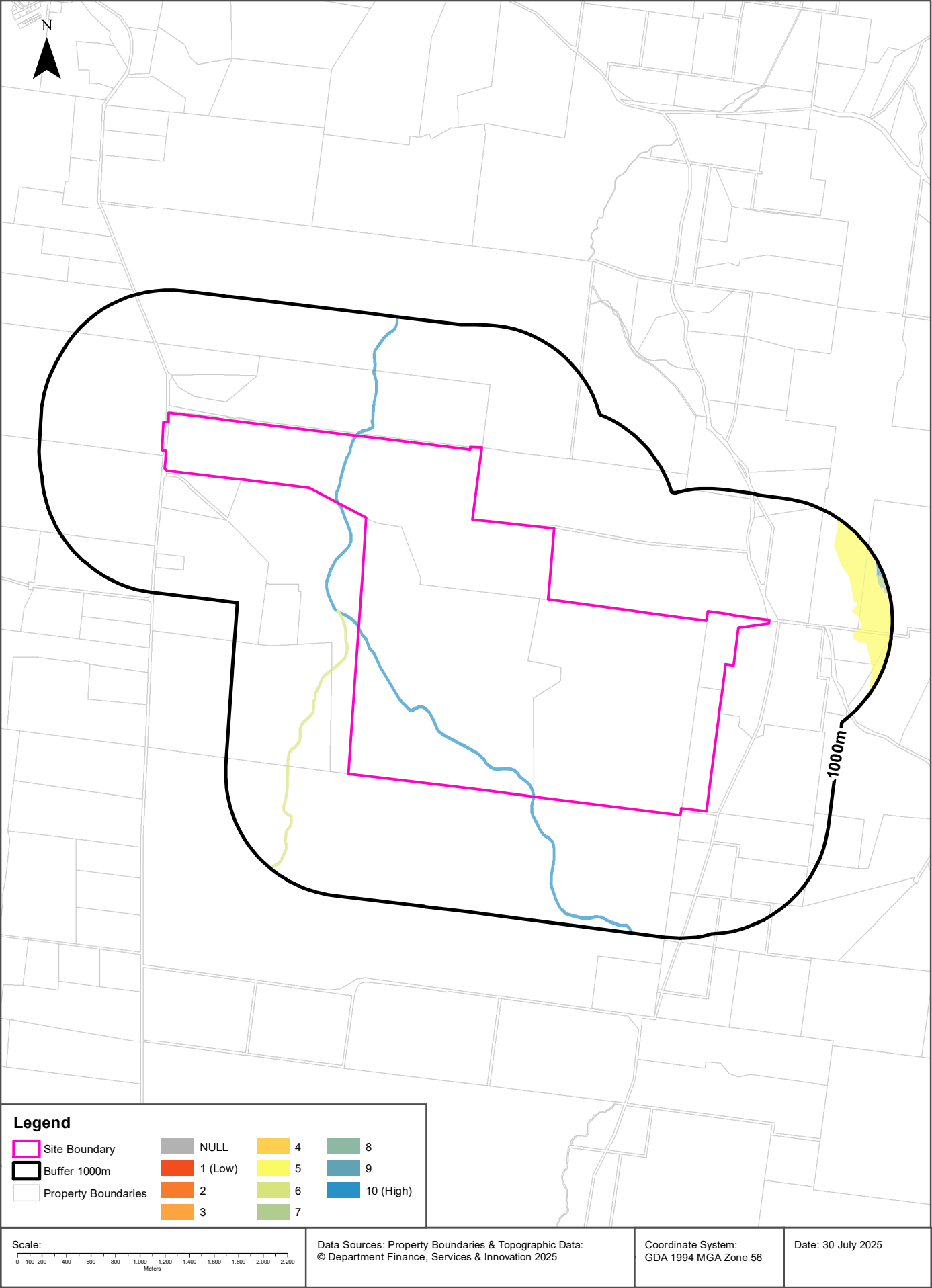
Type	GDE Potential	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
Aquatic	High potential GDE - from national assessment	Upland plains with separating strike-aligned hills, closed lake basins.	River		0m	On-site
Terrestrial	High potential GDE - from national assessment	Upland plains with separating strike-aligned hills, closed lake basins.	Vegetation		669m	East
Terrestrial	Low potential GDE - from regional studies	Upland plains with separating strike-aligned hills, closed lake basins.	Vegetation		934m	East

Groundwater Dependent Ecosystems Atlas Data Source: The Bureau of Meteorology

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Ecological Constraints - Inflow Dependent Ecosystems Likelihood

1013 Windellama Road, Gundry, NSW 2580



Ecological Constraints

1013 Windellama Road, Gundry, NSW 2580

Inflow Dependent Ecosystems Likelihood

Type	IDE Likelihood	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
Aquatic	10	Upland plains with separating strike-aligned hills, closed lake basins.	River		0m	On-site
Aquatic	6	Upland plains with separating strike-aligned hills, closed lake basins.	River		70m	South West
Terrestrial	5	Upland plains with separating strike-aligned hills, closed lake basins.	Vegetation		669m	East
Terrestrial	7	Upland plains with separating strike-aligned hills, closed lake basins.	Vegetation		934m	East
Terrestrial	9	Upland plains with separating strike-aligned hills, closed lake basins.	Vegetation		943m	East

Inflow Dependent Ecosystems Likelihood Data Source: The Bureau of Meteorology

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Ecological Constraints

1013 Windellama Road, Gundry, NSW 2580

NSW BioNet Species Sightings

Species sightings from the NSW BioNet Repository that have either a state or federal conservation status, or a sensitivity status, and are within 10 km of the site:

Note: This data does not include NSW Category 1 sensitive species.

Kingdom	Class	Scientific	Common	Sensitivity Class	State Conservation Status	Federal Conservation Status	Migratory Species Agreements
Animalia	Amphibia	Litoria aurea	Green and Golden Bell Frog	Not Sensitive	Endangered	Vulnerable	
Animalia	Aves	Anthochaera phrygia	Regent Honeyeater	Category 2	Critically Endangered	Critically Endangered	
Animalia	Aves	Apus pacificus	Fork-tailed Swift	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Artamus cyanopterus cyanopterus	Dusky Woodswallow	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Calidris acuminata	Sharp-tailed Sandpiper	Not Sensitive	Vulnerable	Vulnerable	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Callocephalon fimbriatum	Gang-gang Cockatoo	Category 3	Endangered	Endangered	
Animalia	Aves	Calyptorhynchus lathami lathami	South-eastern Glossy Black-Cockatoo	Category 2	Vulnerable	Vulnerable	
Animalia	Aves	Daphoenositta chrysoptera	Varied Sittella	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Ephippiorhynchus asiaticus	Black-necked Stork	Not Sensitive	Endangered	Not Listed	
Animalia	Aves	Epthianura albifrons	White-fronted Chat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Falco subniger	Black Falcon	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Gallinago hardwickii	Latham's Snipe	Not Sensitive	Vulnerable	Vulnerable	ROKAMBA;JAMBA
Animalia	Aves	Haliaeetus leucogaster	White-bellied Sea-Eagle	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Hieraaetus morphnoides	Little Eagle	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Hirundapus caudacutus	White-throated Needletail	Not Sensitive	Vulnerable	Vulnerable	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Lophoictinia isura	Square-tailed Kite	Category 3	Vulnerable	Not Listed	
Animalia	Aves	Melanodryas cucullata cucullata	South-eastern Hooded Robin	Not Sensitive	Endangered	Endangered	
Animalia	Aves	Oxyura australis	Blue-billed Duck	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Parvipsitta pusilla	Little Lorikeet	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Petroica boodang	Scarlet Robin	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Petroica phoenicea	Flame Robin	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Rostratula australis	Australian Painted Snipe	Not Sensitive	Endangered	Endangered	
Animalia	Aves	Stagonopleura guttata	Diamond Firetail	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Aves	Thinornis cucullatus cucullatus	Eastern Hooded Dotterel	Not Sensitive	Critically Endangered	Vulnerable	
Animalia	Insecta	Keyacris scurra	Key's Matchstick Grasshopper	Not Sensitive	Endangered	Endangered	
Animalia	Mammalia	Dasyurus maculatus	Spotted-tailed Quoll	Not Sensitive	Vulnerable	Endangered	
Animalia	Mammalia	Falsistrellus tasmaniensis	Eastern False Pipistrelle	Not Sensitive	Vulnerable	Not Listed	

Kingdom	Class	Scientific	Common	Sensitivity Class	State Conservation Status	Federal Conservation Status	Migratory Species Agreements
Animalia	Mammalia	Miconomys norfolkensis	Eastern Coastal Free-tailed Bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Miniopterus australis	Little Bent-winged Bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Miniopterus orianae oceanensis	Large Bent-winged Bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Phascolarctos cinereus	Koala	Not Sensitive	Endangered	Endangered	
Animalia	Mammalia	Pteropus poliocephalus	Grey-headed Flying-fox	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Reptilia	Caretta caretta	Loggerhead Turtle	Not Sensitive	Endangered	Endangered	
Animalia	Reptilia	Delma impar	Striped Legless Lizard	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Dichanthium setosum	Bluegrass	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Dillwynia glauca	Michelago Parrot-pea	Not Sensitive	Endangered	Not Listed	
Plantae	Flora	Diuris aequalis	Buttercup Doubletail	Category 2	Endangered	Endangered	
Plantae	Flora	Eucalyptus macarthurii	Paddys River Box, Camden Woollybutt	Not Sensitive	Endangered	Endangered	
Plantae	Flora	Leucochrysum albicans subsp. tricolor	Hoary Sunray	Not Sensitive	Endangered	Endangered	
Plantae	Flora	Persoonia oxycoccoides		Not Sensitive	Endangered	Endangered	
Plantae	Flora	Pomaderris delicata	Delicate Pomaderris	Not Sensitive	Critically Endangered	Critically Endangered	
Plantae	Flora	Rutidosia leptorrhynchoides	Button Wrinklewort	Not Sensitive	Endangered	Endangered	

Source: NSW BioNet Species Sightings

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Area Match	Georeferenced to an approximate or general area
Road Match	Georeferenced to a road or rail corridor
Road Intersection	Georeferenced to a road intersection
Buffered Point	A point feature buffered to x metres
Adjacent Match	Land adjacent to a georeferenced feature
Network of Features	Georeferenced to a network of features
Suburb Match	Georeferenced to a suburb boundary
As Supplied	Spatial data supplied by provider

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