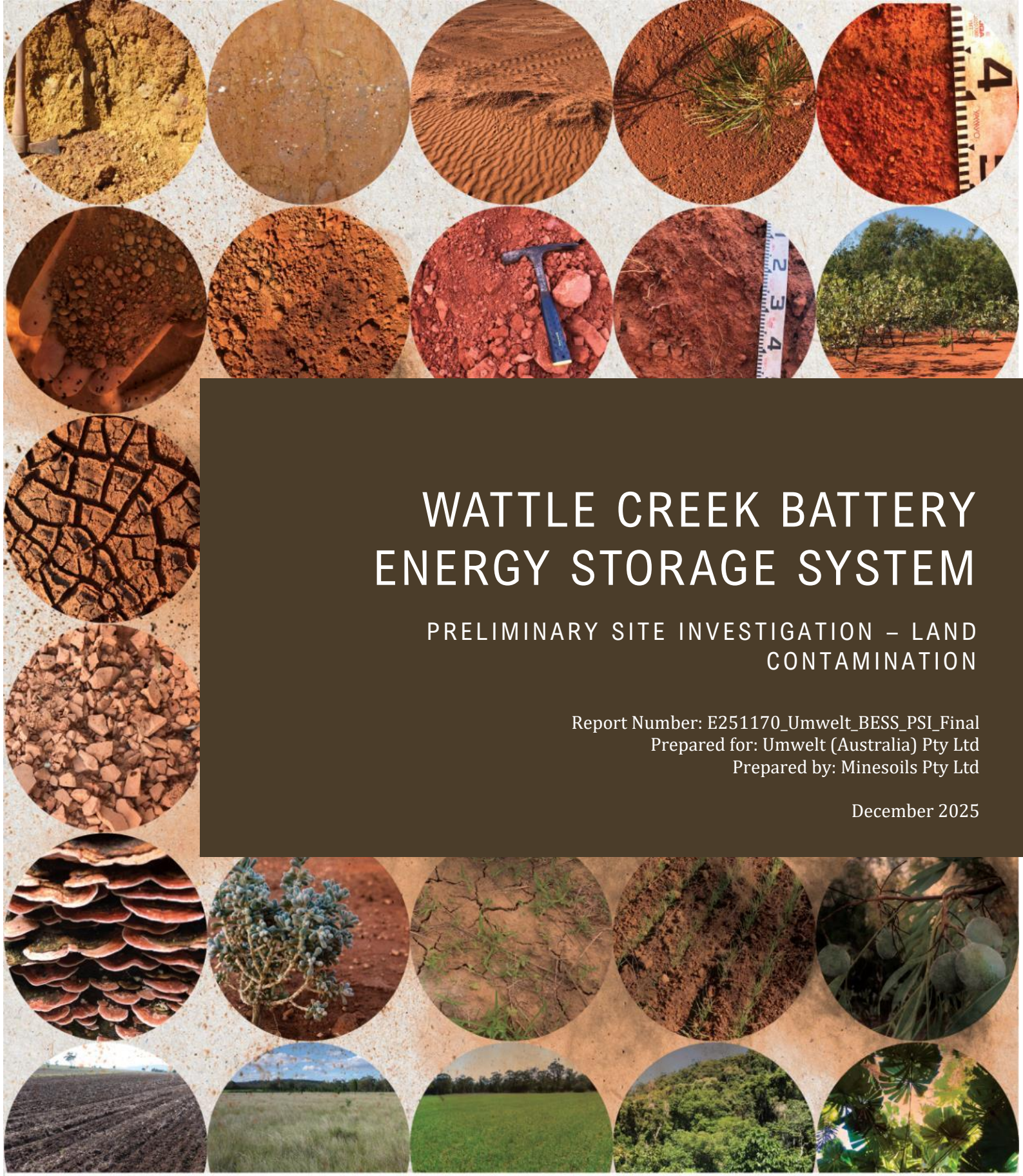
Appendix 6

Preliminary Site Investigation



WATTLE CREEK BATTERY ENERGY STORAGE SYSTEM

PRELIMINARY SITE INVESTIGATION – LAND CONTAMINATION

Report Number: E251170_Umwelt_BESS_PSI_Final
Prepared for: Umwelt (Australia) Pty Ltd
Prepared by: Minesoils Pty Ltd

December 2025

MINESOILS
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PREPARED BY

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DISCLAIMER

This report has been prepared by Minesoils Pty Ltd with all reasonable skill, care and diligence, and taking account of the timescale and resources allocated to it by agreement with the Client. Information reported herein is based on the interpretation of data collected, which has been accepted in good faith as being accurate and valid.

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DOCUMENT CONTROL

Reference	Date	Prepared by	Approved
E251170_BESS_PSI_Draft	12 December 2025	Jake Iskenderian	Matt Hemingway
E251170_BESS_PSI_Draft	18 December 2025	Jake Iskenderian	Matt Hemingway

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Appendix 1. Lotsearch Report

1 INTRODUCTION

1.1 OVERVIEW

Minesoils Pty Ltd (Minesoils) was engaged by Umwelt (Australia) Pty Ltd (Umwelt), on behalf of Spark Renewables Pty Ltd (the Proponent), to conduct a Preliminary Site Investigation (PSI) of the proposed Wattle Creek Battery Energy Storage System (the Project). The Project is a State Significant Development (SSD) under State Environmental Planning Policy (Planning Systems) 2021 (NSW) (Planning Systems SEPP), SSD-63345458.

This 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 75 hectares (ha) that is the Development Footprint, which includes the BESS infrastructure, the ancillary infrastructure including transmission line easements and ancillary areas, contained within the Project Area. It provides insight into potential human and environmental risks based on previous and current land uses.

The Project Area has been disturbed and/or historically cleared for agricultural land use practices, primarily sheep grazing.

1.2 PROJECT BACKGROUND

The Project Area is located in the Southern Highlands region of New South Wales, within the Upper Lachlan Shire Council Local Government Area (LGA), in the rural locality of Brayton, approximately 80 kilometres (km) west of Wollongong and 15 km northwest of Marulan (**Figure 1**).

The Project comprises the installation, operation, maintenance and decommissioning of a large-scale BESS, supported by associated infrastructure. The Project will have a capacity of up to approximately 350 MW (AC or DC coupled) and will have discharge capacity of up to four (4) hours of storage (1600 MWh) at Marulan Substation, with the aim of providing both storage as well as firming capacity to the NEM and assisting in grid stability by providing frequency control ancillary services. The design of the BESS will allow for the storage and exportation of renewable energy within the network so that it can be used during times of peak demand.

The conceptual project layout represents a Development Footprint of approximately 75 ha, including associated ancillary infrastructure (i.e. substations, the operations and maintenance facility, test bed and transmission line corridor) (refer **Figure 2**).

Once the Project reaches the end of its operational life (noting Project duration is specified), a decision will be made to either decommission or re-power the facility, subject to land agreements and approval requirements.

If the Project is decommissioned, all aboveground structures built as part of the Project will be removed and the Development Footprint rehabilitated generally to a pre-existing condition. There are provisions in the land and lease agreements with the Project Area landowners for rehabilitation of the Development Footprint after decommissioning. All impacted land would then be returned to agricultural land use.

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.

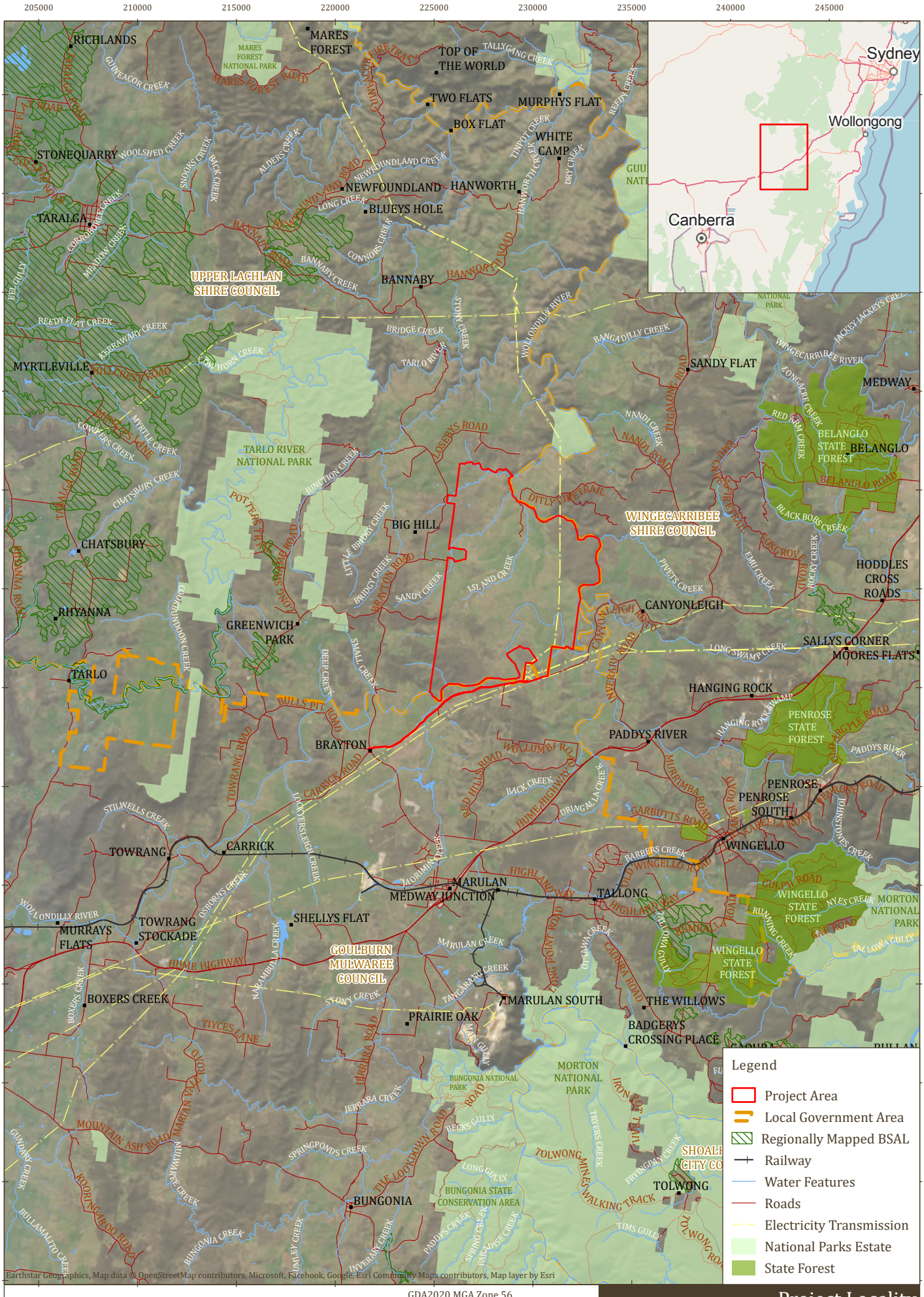
1.4 SCOPE OF WORK

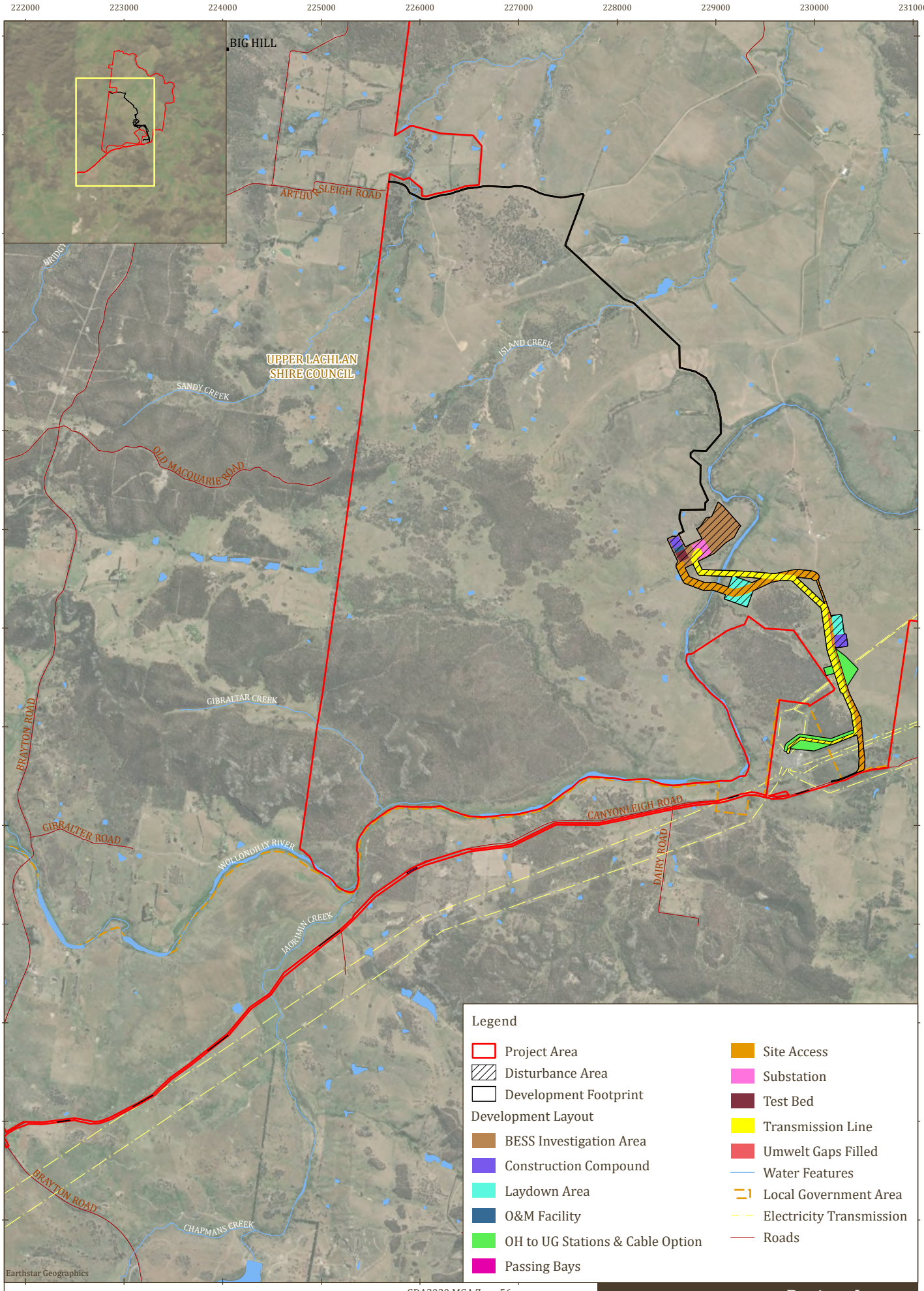
The PSI was carried out with consideration of:

- *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 Project Area to establish the site environmental setting and sensitivity. This included a review of the following documentation reported by Lotsearch (2025) including:
    - Groundwater bore databases;
    - Upper Lachlan Shire Council 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 Minesoils site inspection Wattle Creek BESS Soils, Land and Agricultural Impact Assessment (SLAIA) (Minesoils 2025).
- A visual site inspection.
- Development of a conceptual site model (CSM) assessing source, pathway and receptor linkages.


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Wollongong
Canberra
RICHLANDS
MARES FOREST
MARES FOREST NATIONAL PARK
TOP OF THE WORLD
TWO FLATS
MURPHYS FLAT
BOX FLAT
WHITE CAMP
STONEQUARRY
NEWFOUNDLAND
HANWORTH
BLUEYS HOLE
TARALGA
BANNABY
UPPER LACHLAN SHIRE COUNCIL
MYRTLEVILLE
SANDY FLAT
MEDWAY
BELANGLO STATE FOREST
BELANGLO
TARLO RIVER NATIONAL PARK
BIG HILL
WINGECARRIBEE SHIRE COUNCIL
CHATSBURY
RHYANNA
GREENWICH PARK
HODDLES CROSS ROADS
CANYONLEIGH
SALLYS CORNER
MOORES FLATS
TARLO
HANGING ROCK
PENROSE STATE FOREST
BRAYTON
PADDYS RIVER
PENROSE
PENROSE SOUTH
WINGELLO
TOWRANG
CARRICK
MARULAN
MEDWAY JUNCTION
TALLONG
SHELLYS FLAT
TOWRANG STOCKADE
MURRAYS FLATS
WINGELLO STATE FOREST
MORTON NATIONAL PARK
COULBURN MULWAREE COUNCIL
BOXERS CREEK
MARULAN SOUTH
THE WILLOWS
PRAIRIE OAK
BADGERYS CROSSING PLACE
BUNGONIA NATIONAL PARK
BUNGONIA STATE CONSERVATION AREA
TOLWONG
BUNGONIA
Legend
Project Area
Local Government Area
Regionally Mapped BSAL
Railway
Water Features
Roads
Electricity Transmission
National Parks Estate
State Forest
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GDA2020 MGA Zone 56
MINESOILS
LAND & REHABILITATION SPECIALISTS
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Kilometers
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Project Locality
FIGURE 1
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GDA2020 MGA Zone 56

MINESOILS
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Scale: 1:50,000 @ A4

Project Layout

FIGURE 2

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2 SITE DESCRIPTION

2.1 SITE IDENTIFICATION

The Project Area is located on Arthursleigh Farm, at 1001 Canyonleigh Road, Brayton NSW 2579, within the Upper Lachlan Shire Council LGA. The Project Area is located across two freehold cadastral lots (Lot 3 of DP 1120270 and Lot 2341 of DP622834) and is approximately 6,350 ha.

Within these lots, the Development Footprint would occupy approximately 75 ha, making up approximately 1% of the Project Area, as presented in **Figure 2**. The Project Area is generally bordered by Dead Mans Creek to the north, Wollondilly River to the east and south and Brayton Road to the west. The Project Area is accessed directly from Canyonleigh Road (via Red Hills Road, Ambrose Road and Brayton Road) which deviates from the Hume Highway approximately 6 km south of the Project Area.

2.2 LAND USE

Under the Upper Lachlan Local Environmental Plan (LEP) 2010, land within the Development Footprint, and larger Project Area, is zoned Rural Use (RU2) – Rural Landscape. The land has been subject to extensive vegetation clearing associated with historic agricultural land uses. The Project Area is currently used for livestock grazing, and limited fodder cropping, and is currently operated commercially and is used for a range of research initiatives including agricultural science and pasture agronomy with a large portion of the land historically being cleared for this land use.

2.3 SITE BOUNDARIES

Land use surrounding the Project Area is zoned RU2 Rural Landscape RU1 Primary Production under the Upper Lachlan LEP (2010) and Goulburn Mulwaree Local Environmental Plan (2009), and Environmental Conservation/Environmental Management (C2) under the Wingecarribee Local Environmental Plan (2010) and is characterised predominantly by cleared agricultural lands with some nature reserve/national park areas. The surrounding lands are comprised of predominantly agricultural land, including cropping land and grazed land, as well as uncleared remnant vegetation.

2.4 SENSITIVE ECOLOGICAL RECEPTORS

The Project Area is dissected by a number of larger waterways including Dead Mans, Wattle and Sandy Creeks in the north, Island Creek in the centre, and the Wollondilly River in the south.

No nationally important wetlands are contained within the Project Area. The nearest Ramsar wetland, Towra Point Nature Reserve, is located approximately 118 km to the northeast.

The Development Footprint contains of the following three (3) Plant Community Types (PCTs), listed below.

- Central and Southern Tableland River Oak Forest
- Goulburn Tableland Peppermint Grassy Forest
- Southern Tableland Grassy Box Woodland

Two (2) planted threatened flora species were recorded in the Project Area, however, will not be directly impacted by the Project. These include:

- Eucalyptus nicholii (narrow-leaved black peppermint)
- Eucalyptus macarthurii (Paddy's river box)

One (1) Threatened Ecological Community (TEC) was recorded in the Development Footprint, White Box - Yellow Box - Blakely's Red Gum Grassy Woodland and Derived Native Grassland, a critically endangered ecological community.

Four (4) threatened fauna species were recorded within the Project Area during surveys, listed below.

- Gang-gang cockatoo (*Callocephalon fimbriatum*)
- South-eastern glossy black-cockatoo (*Calyptorhynchus lathami lathami*)
- Large-eared pied bat (*Chalinolobus dwyeri*)
- Squirrel Glider (*Petaurus norfolcensis*)

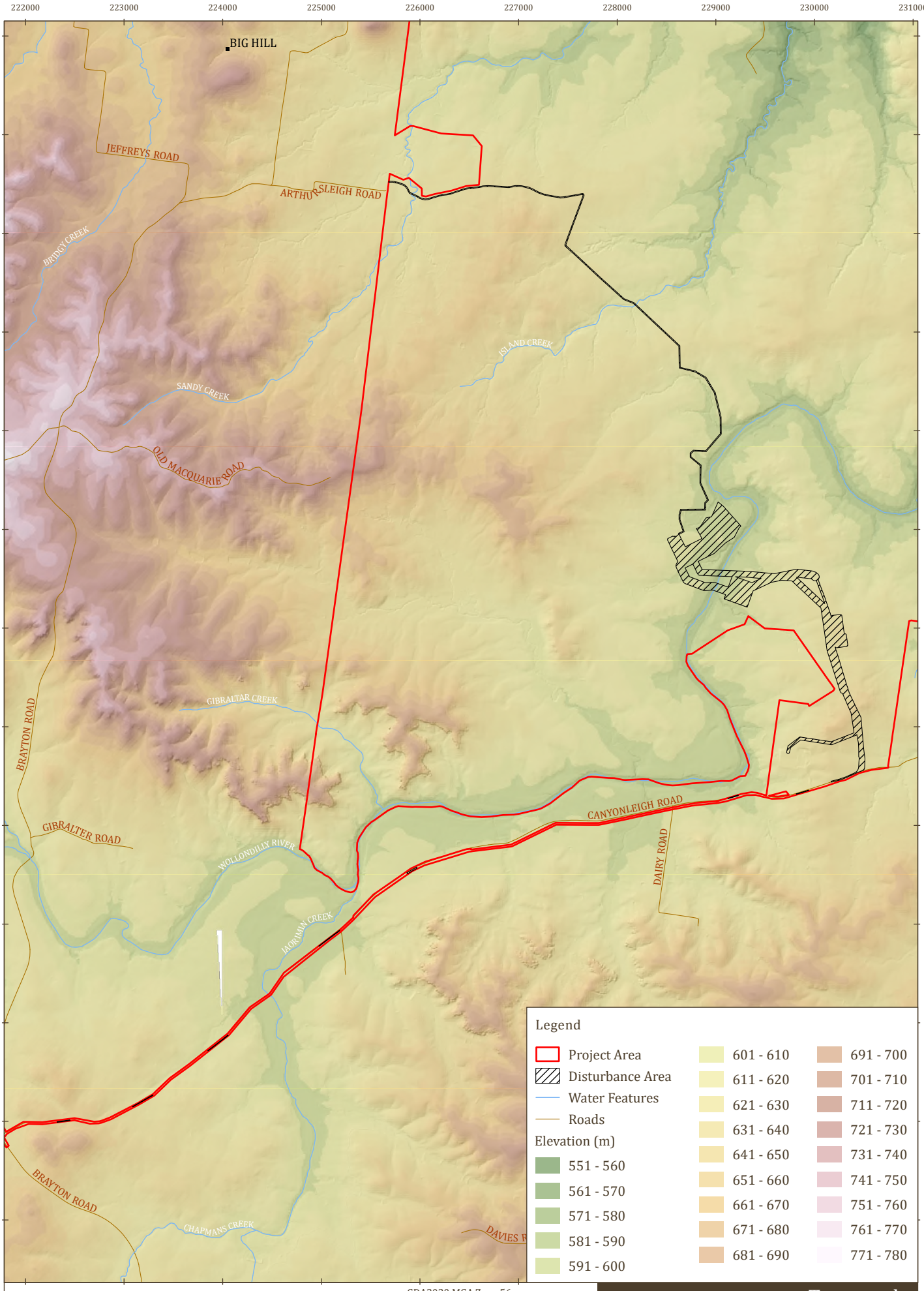
The closest national parks are the Tarlo River National Park, located approximately 3 km to the west of the Project Area. The closest nature reserve is the Kerrawary Nature Reserve, located approximately 2.5 km to the north of the Project Area.

2.5 TOPOGRAPHY

The Project Area is located in the Southern Tablelands, a geographic area of NSW, located south-west of Sydney and west of the Great Dividing Range. The region is characterised by high, flat country which has generally been extensively cleared and used for grazing purposes. The region also contains a range of nature resources and features, including a number of national parks and State forests, Wombeyan Caves and over 5,000 linear km of waterways. The topography across the Project Area includes valley floor, hillslopes, and ridges and ranges from between 520–720 m Australian Height Datum (AHD) (refer **Figure 3**).

2.6 SITE INVESTIGATION

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



GDA2020 MGA Zone 56

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Topography

FIGURE 3

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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 Development Footprint. 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 Development Footprint. The results of NSW EPA Contaminated Land registers relevant to the Development Footprint 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 Development Footprint. The following former Licensed Activities are recorded within the Development Footprint: • Licence No. 4653 held by Luhrmann Environment Management Pty Ltd. Other activities/non-scheduled activity – application of herbicides, within the Development Footprint. • Licence No. 4838 held by Robert Orchard. Other activities/non-scheduled activity – application of herbicides, within the Development Footprint. • Licence No. 6630 held by Sydney Weed & Pest Management Pty Ltd. Other activities/non-scheduled activity – application of herbicides, within the Development Footprint.
Clean Up, Penalty Notices and Orders	No properties within or near the Development Footprint have received clean up or penalty notices.
EPA Records	No properties within or near the Development Footprint 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 Development Footprint (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 Development Footprint and surrounding areas was obtained by Lotsearch (2025). Available imagery accessed included 1949, 1953, 1963, 1969, 1979, 1989, 1997, 2009, 2013 and 2023. The imagery showed that the Development Footprint and surrounding land have predominantly been cleared for agricultural use since the first available image from 1949 and is summarised in **Table 2** and presented in **Appendix 1**.

Table 2 Historical Aerial Imagery

Year	Comments
1949	The Development Footprint is almost completely cleared of vegetation. Dense areas of vegetation are evident in surrounding areas adjacent to the Development Footprint, including within close proximity to waterways i.e. Wollondilly River. Waterways can be seen traversing through the Development Footprint.
1953	The Development Footprint appears to remain largely unchanged. Evidence of agricultural infrastructure is visible, including tracks and residential properties to the east.
1963	The Development Footprint appears to remain largely unchanged.
1969	The Development Footprint appears to remain largely unchanged. Evidence of agricultural infrastructure is more clearly visible, including the segregation of areas.
1979	The Development Footprint appears to remain largely unchanged.
1989	The Development Footprint appears to remain largely unchanged.
1997	The Development Footprint appears to remain largely unchanged with the exception of the Marulan substation to the south.
2009	The Development Footprint appears to remain largely unchanged.
2013	The Development Footprint appears to remain largely unchanged.
2023	The Development Footprint appears to remain largely unchanged.

3.4 POTENTIALLY CONTAMINATING BUSINESSES

The third-party database search undertaken by Lotsearch (2025) (which includes a search area for both the BESS Project Area relevant to this assessment as well as the adjacent Solar Farm Project Area) considers a wide range of

potentially contaminating activities undertaken by businesses or industries that have occurred within the Development Footprint or within close proximity. No potentially contaminating business activities were identified.

3.5 DANGEROUS GOODS SEARCH

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

3.6 SITE HISTORY SUMMARY

The site history review identified that the Development Footprint and surrounding area have historically been extensively cleared for agricultural use, predominantly grazing.

3.7 PREVIOUS INVESTIGATIONS

Minesoils is not aware of any previous contamination or geotechnical assessments that have been completed for the Development Footprint. However, investigations of soil for the purposes of completing a SLAIA were undertaken by Minesoils in 2025 in preparation of the EIS.

4 GEOLOGY AND HYDROGEOLOGY

4.1 GEOLOGY

Geologically, 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 2025). As presented in the Lotsearch report, the underlying geological formation of the Development Footprint consists of:

- Arthursleigh Tonalite – Heterogeneous tonalite with a monzogranite stock showing well developed zonation from mafic core to felsic rim; contact zone >4 km wide in strata along eastern margin.
- Johnniefields Granodiorite – Bimodal, holocrystalline, medium to coarse-grained biotite-hornblende granodiorite. Characterised by a contact metamorphic microstructure and a strong mineral lineation locally. Common fine-grained igneous enclaves.
- Pleasant Hill Granite – Coarse to very coarse-grained holocrystalline equigranular biotite-hornblende granite to granodiorite.
- 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.
- 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.

The soil survey undertaken by Minesoils (2025) found the Development Footprint to cover two (2) dominant soil mapping units, shown on **Figure 4**, and presented below.

- Soil Unit 1: Sodosols
- Soil Unit 2: Chromosol/Kurosol

4.2 ACID SULFATE SOILS

The Lotsearch report indicates an extremely low (1-5%) to low (6-70%) probability of occurrence of Acid Sulfate Soils (ASS) within the Development Footprint. In addition, as described in the SLAIA (Minesoils 2025), assessing land elevation and distance from the coast, in conjunction with existing 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 Hawkesbury-Nepean catchment, situated within the localised catchment of the Wollondilly River. Groundwater within the Project Area is managed under the Water Sharing Plan for the Greater Metropolitan Region Groundwater Sources 2023.

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

4.4 GROUNDWATER BORES

A review of existing registered groundwater boreholes (Lotsearch, 2025) identified no registered boreholes within the Development Footprint and 1 borehole within a 2 km radius. The total bore depth is recorded at 80 m the well is listed for water supply. From the limited salinity information available, groundwater is reported as slightly saline with a salinity of 1200 (mg/L). Groundwater depth is not recorded.

4.5 GROUNDWATER DEPENDENT ECOSYSTEMS

A review of regional scale mapping of groundwater dependent ecosystems (GDEs) (Lotsearch, 2025), within the Development Footprint, indicates the potential for Terrestrial GDEs ranges from low to high, while the potential for Aquatic GDEs is high.

4.6 PREFERENTIAL WATER COURSES

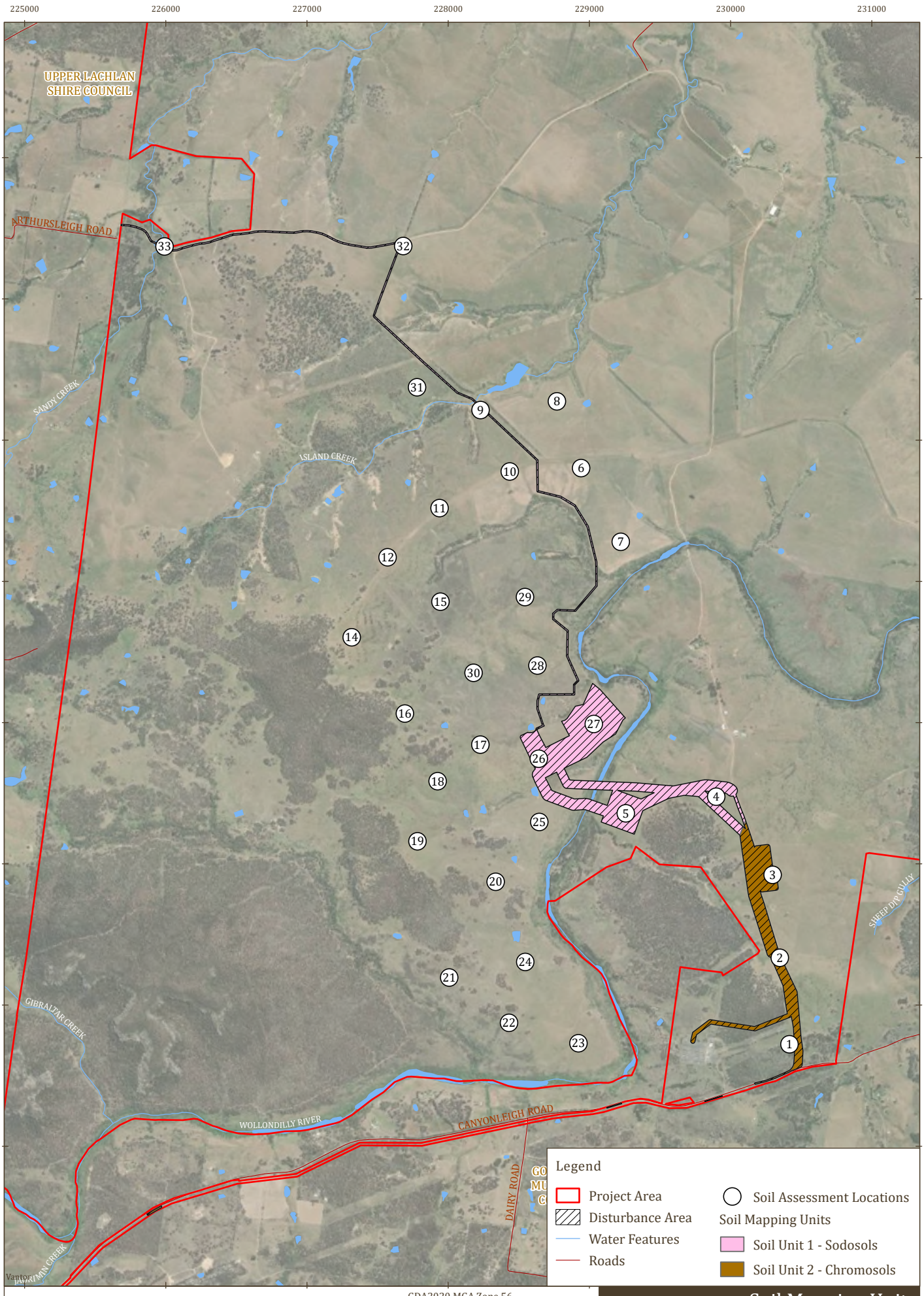
Sandy and Island Creeks flow through the Project Area from the south-west to the north-east and into the Wollondilly River. Several other unnamed perennial creeks and drainage lines traverse the Project Area. The Wollondilly River ultimately drains into Lake Burragorang (Warragamba Dam), which is part of the Sydney drinking water catchment.

A number of unnamed first, second and third order streams occur within the Project Area that feed directly into the Wollondilly River, traversing west to south through the Development Footprint.

4.7 DIRECTION OF SURFACE WATER RUN-OFF

The Project Area is located on undulating terrain, with the natural surface drainage generally from west to east across the Project Area through well-defined watercourses and drainage lines. Flow is conveyed towards the Wollondilly River, which flows along the eastern and southern Project Area boundary. The lowest elevation of the Project Area is along the north-eastern boundary, at approximately 520 m AHD.

The Project Area is potentially subject to flooding from three primary sources: site runoff from short, intense rainfall events; local catchment flooding caused by medium-duration rainfall; and regional flooding due to long-duration rainfall affecting upstream catchments such as the Wollondilly River, Jaorimin Creek, Paddys River, and Long Swamp Creek.


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UPPER LACHLAN SHIRE COUNCIL
ARTHURSLEIGH ROAD
SANDY CREEK
ISLAND CREEK
SHEEP DIP GULLY
GIBRALTAR CREEK
WOLLONDILLY RIVER
CANYONLEIGH ROAD
DAIRY ROAD
Legend
Project Area
Disturbance Area
Water Features
Roads
Soil Assessment Locations
Soil Mapping Units
Soil Unit 1 - Sodosols
Soil Unit 2 - Chromosols
GDA2020 MGA Zone 56
MINESOILS
LAND & REHABILITATION SPECIALISTS
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Meters
Scale: 1:35,000 @ A4
Soil Mapping Units
FIGURE 4
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5 SITE CONDITION

5.1 SITE CONDITION

Minesoils attended the Project Area in November 2025 to conduct a visual inspection of the Development Footprint to identify any potential sources of contamination.

As observed during the SLAIA (Minesoils 2025), the Development Footprint was determined to be a generally stable, free draining landform with 70 - 100% surface cover of pasture that has been highly disturbed in the past by land clearing for agriculture, with isolated stands of native trees occurring sporadically over the Project Area (**Plate 1**).

The landforms within the Development Footprint comprise undulating hills, slopes, crests and broad ridges, and some narrow low lying alluvial gullies and colluvial flats. The lowest elevation is approximately 580m Australian Height Datum (AHD) on very gently undulating lower slope/flats associated with Wollondilly River in the northernmost section of the development footprint and rises to 660m AHD on crested areas in the southeast (refer **Figure 5**). **Plates 2** to **4** illustrate the typical landscape and land use characteristics of the Project Area and observations made during the investigation. The Marulan substation was observed to the south of the Project Area (**Plate 5**).

5.2 VISIBLE SIGNS OF CONTAMINATION

No evidence of contamination was observed within the Development Footprint.

5.3 VISIBLE SIGNS OF PLANT STRESS

No visible signs of plant stress associated with contamination were noted within the Development Footprint.

5.4 PRESCENCE WASTES

No waste was observed within the Development Footprint.

5.5 ODOURS

No noticeable odours were observed during the visual investigation.



Plate 1: The Development Footprint consists of surface cover in the form of pasture for grazing that has been highly disturbed in the past by land clearing for agriculture.



Plate 2: Project Area entrance from Canyonleigh Road.



Plate 3: Agricultural infrastructure within the Development Footprint includes gates and fencing and access tracks.



Plate 4: Existing infrastructure within the Development Footprint includes existing transmission lines.



Plate 5: Marulan substation situated south of the Project Area.

6 INTEGRITY ASSESSMENT

The desktop review was completed by accessing publicly available information from the Lotsearch Report (Lotsearch 2025) and Minesoils Wattle Creek BESS Soils, Land and Agricultural Impact Assessment (Minesoils, 2025).

All information pertaining to the contamination status of the Project Area has been obtained through public record searches and the visual inspection carried out within the Development Footprint. 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. Due to the large area of the Project Area, it is possible that the visual inspection resulted in the omission of identifying areas of potential contamination concern, however this is not considered significant when considered in context of the findings of the historical review.

Based on the visual inspection undertaken in conjunction with the review of available information regarding the current and former use of the Development Footprint 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 Project Area boundaries.

7 PRELIMINARY CONCEPTUAL SITE MODEL

This CSM has been developed based on the information obtained from the desktop review, along with the visual inspection and studies prepared in support of the EIS. 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 within the Project Area not been undertaken and therefore there is potential for unidentified soil, surface water and/or groundwater contamination to exist within the Project Area.
- Other receptors may be present within the Project Area 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 conditions materially change or if further information pertaining to the contamination status of the Project Area 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 3**.

7.1.1 AGRICULTURAL USE (CROPPING AND LIVESTOCK GRAZING)

Agricultural activities are likely to have required the use of chemicals such as fertilisers, herbicides and pesticides in the maintenance of the crops and livestock. 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, 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 within the Project Area 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 Project Area 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 within the Development Footprint, 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 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 3 Potential Sources and Contaminants of Concern

Potential Contamination Source	Contaminants of Potential Concern	Affected Media
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

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 Project Area.
- 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 RECIEVERS

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 in 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 visual inpsection, 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.
- 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 within the Project Area 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 Development Footprint is not listed in any of the contaminated land databases, the overall likelihood for significant contamination to be present within the Project Area is considered very low.

Based on the findings of this PSI, it is concluded that the Project Area is suitable for the Project 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 visual inspection, 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

Goulburn Mulwaree Council (2009) *Goulburn Mulwaree Local Environmental Plan 2009*

Lotsearch (2025) 1001 Canyonleigh Road, Brayton, NSW 2579. Reference: LS107379 EP, 10 November 2025

Managing Land Contamination Planning Guidelines SEPP 55 – Remediation of Land (Department of Urban Affairs and Planning, 1998)

Minesoils (2025) Wattle Creek BESS 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

NSW Spatial Services (2025) Historical Imagery Viewer, accessed November 2025

Upper Lachlan Shire Council (2010) *Upper Lachlan Local Environmental Plan 2010*

Wingecarribee Shire Council (2010) *Wingecarribee Local Environmental Plan 2010*

Appendix 1
Lotsearch Report

LOTSEARCH

LOTSEARCH ENVIRO PROFESSIONAL

Date: 10 Nov 2025 14:01:45

Reference: LS107379 EP

Address: 1001 Canyonleigh Road, Brayton, NSW 2579

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:

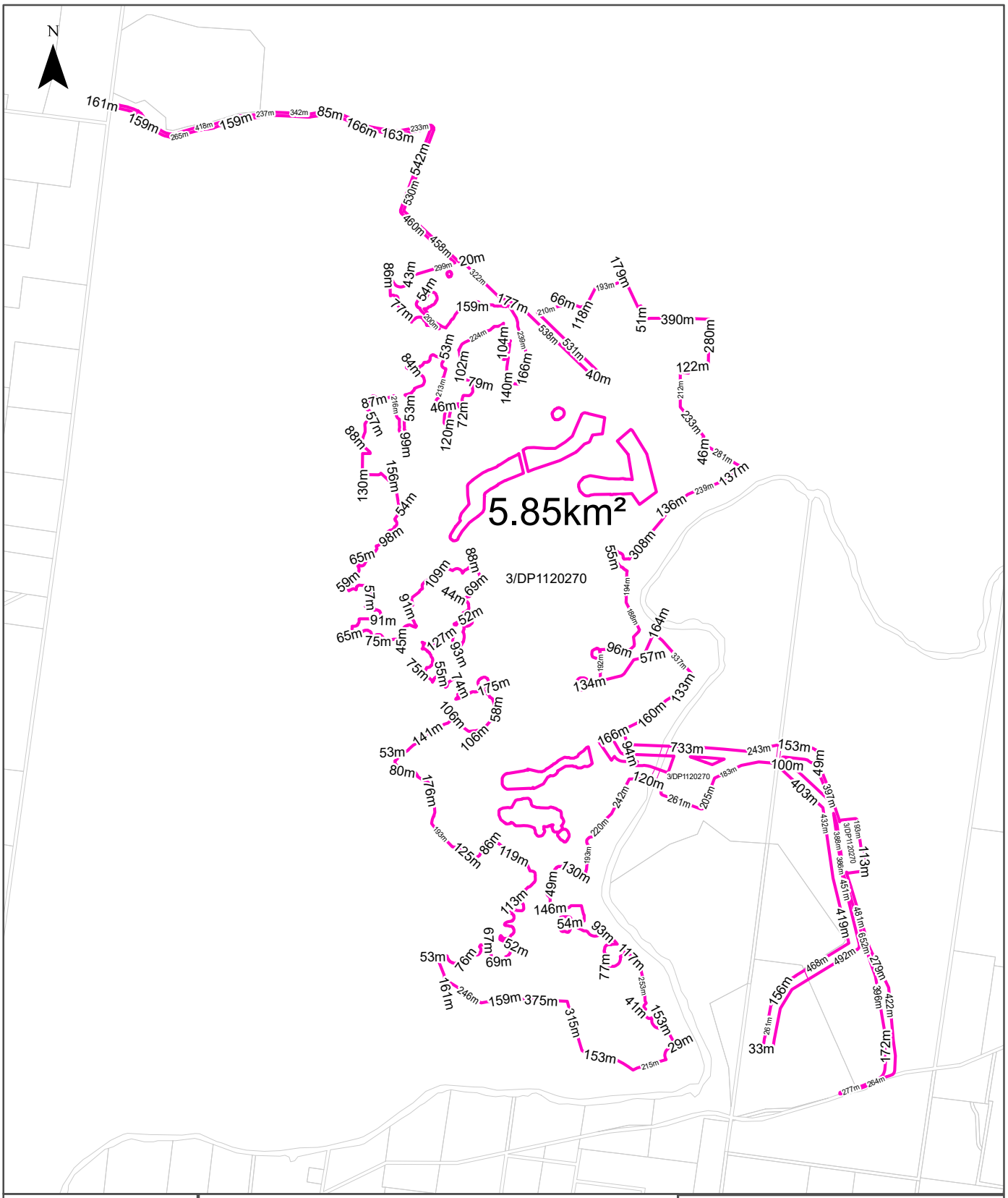
Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
Cadastre Boundaries	NSW Department of Customer Service - Spatial Services	07/10/2025	07/10/2025	Monthly	-	-	-	-
Topographic Data	NSW Department of Customer Service - Spatial Services	20/05/2025	20/05/2025	Annually	-	-	-	-
List of NSW contaminated sites notified to EPA	Environment Protection Authority NSW	16/10/2025	09/10/2025	Monthly	1000m	0	0	0
Contaminated Land Records of Notice	Environment Protection Authority NSW	16/10/2025	16/10/2025	Monthly	1000m	0	0	0
Former Gasworks	Environment Protection Authority NSW	14/08/2025	23/06/2025	Quarterly	1000m	0	0	0
Notices under the POEO Act 1997	Environment Protection Authority NSW	15/10/2025	15/10/2025	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	28/10/2025	30/11/2022	Annually	1000m	0	0	0
EPA PFAS Investigation Program	Environment Protection Authority NSW	01/08/2025	05/02/2025	Monthly	2000m	0	0	0
Rural Fire Service PFAS Environmental Investigations	NSW Rural Fire Service	03/11/2025	30/10/2025	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Investigation Sites	Australian Department of Defence	16/10/2025	16/10/2025	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Management Sites	Australian Department of Defence	16/10/2025	16/10/2025	Monthly	2000m	0	0	0
Airservices Australia National PFAS Management Program	Airservices Australia	15/10/2025	15/10/2025	Monthly	2000m	0	0	0
Defence Controlled Areas	Australian Department of Defence	16/10/2025	16/10/2025	Quarterly	2000m	0	0	0
Defence 3 Year Regional Contamination Investigation Program	Australian Department of Defence	14/08/2025	02/09/2022	Quarterly	2000m	0	0	0
National Unexploded Ordnance (UXO)	Australian Department of Defence	16/10/2025	16/10/2025	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	27/10/2025	27/10/2025	Monthly	1000m	0	0	0
Delicensed POEO Activities still regulated by the EPA	Environment Protection Authority NSW	27/10/2025	27/10/2025	Monthly	1000m	0	0	0
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority NSW	27/10/2025	27/10/2025	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	-	0	0
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	18/08/2025	18/08/2025	Quarterly	1000m	0	1	6
Tanks (Areas)	NSW Department of Customer Service - Spatial Services	18/08/2025	18/08/2025	Quarterly	1000m	0	0	0
Tanks (Points)	NSW Department of Customer Service - Spatial Services	18/08/2025	18/08/2025	Quarterly	1000m	0	0	2
Major Easements	NSW Department of Customer Service - Spatial Services	18/08/2025	18/08/2025	Quarterly	1000m	4	6	11
State Forest	Forestry Corporation of NSW	18/12/2024	11/11/2024	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
Hydrogeology Map of Australia	Geoscience Australia	22/04/2025	19/08/2019	Annually	1000m	1	1	1
Temporary Water Restriction (Botany Sands Groundwater Source) Order 2024	NSW Department of Climate Change, Energy, the Environment and Water	08/08/2025	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	0	0	3
NSW Seamless Geology Single Layer: Rock Units	NSW Department of Primary Industries and Regional Development	19/05/2025	16/04/2024	Annually	1000m	9	10	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	4	4	5
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	0
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	3	3	3
Environmental Planning Instrument Acid Sulfate Soils	NSW Department of Planning, Housing and Infrastructure	13/10/2025	26/09/2025	Monthly	500m	0	-	-
Atlas of Australian Acid Sulfate Soils	CSIRO	15/01/2025	21/02/2013	Annually	1000m	2	2	2
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	18/08/2025	18/08/2025	Quarterly	1000m	0	0	0
Current Mining Titles	NSW Department of Primary Industries and Regional Development	14/10/2025	14/10/2025	Monthly	1000m	0	0	0
Mining Title Applications	NSW Department of Primary Industries and Regional Development	14/10/2025	14/10/2025	Monthly	1000m	0	0	0
Historic Mining Titles	NSW Department of Primary Industries and Regional Development	14/10/2025	14/10/2025	Monthly	1000m	9	9	9
Environmental Planning Instrument SEPP State Significant Precincts	NSW Department of Planning, Housing and Infrastructure	13/10/2025	08/09/2023	Monthly	1000m	0	0	0
Environmental Planning Instrument Land Zoning	NSW Department of Planning, Housing and Infrastructure	13/10/2025	03/10/2025	Monthly	1000m	2	2	2
Commonwealth Heritage List	Australian Department of Climate Change, Energy, the Environment and Water	28/10/2025	04/12/2014	Annually	1000m	0	0	0
National Heritage List	Australian Department of Climate Change, Energy, the Environment and Water	28/10/2025	04/12/2014	Annually	1000m	0	0	0
State Heritage Register - Curtilages	NSW Department of Planning, Industry and Environment	18/08/2025	25/07/2025	Quarterly	1000m	0	0	0
Environmental Planning Instrument Local Heritage	NSW Department of Planning, Housing and Infrastructure	13/10/2025	03/10/2025	Monthly	1000m	0	0	0
Bush Fire Prone Land	NSW Rural Fire Service	03/11/2025	22/10/2025	Monthly	1000m	4	4	4
NSW Native Vegetation Type Map	NSW Department of Climate Change, Energy, the Environment and Water	11/09/2025	08/11/2024	Quarterly	1000m	43	126	263
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
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

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
Groundwater Dependent Ecosystems	Bureau of Meteorology	30/05/2025	07/05/2020	Annually	1000m	5	5	5
Inflow Dependent Ecosystems Likelihood	Bureau of Meteorology	30/05/2025	07/05/2020	Annually	1000m	8	9	13
NSW BioNet Species Sightings	NSW Department of Climate Change, Energy, the Environment and Water	22/10/2025	22/10/2025	Monthly	10000m	-	-	-

Site Diagram

1001 Canyonleigh Road, Brayton, NSW 2579



Legend

- Site Boundary
- Internal Parcel Boundaries

Total Area: 5.85km²

Total Perimeter: 57.59km

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: 0 175 350 700 1,050 1,400 1,750 Meters

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

Coordinate System: GDA 1994 MGA Zone 56

Date: 10 November 2025

Contaminated Land

1001 Canyonleigh Road, Brayton, NSW 2579

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

1001 Canyonleigh Road, Brayton, NSW 2579

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
Creative Commons 4.0 © Commonwealth of Australia (Geoscience Australia) 2022

National Liquid Fuel Facilities

National Liquid Fuel Facilties 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
Creative Commons 4.0 © Commonwealth of Australia

PFAS Investigation & Management Programs

1001 Canyonleigh Road, Brayton, NSW 2579

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

RFS PFAS Environmental Investigations

Sites that are part of the RFS PFAS Environmental Investigations within the dataset buffer:

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

NSW RFS PFAS Environmental Investigations Custodian: NSW Rural Fire Service

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

1001 Canyonleigh Road, Brayton, NSW 2579

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

1001 Canyonleigh Road, Brayton, NSW 2579

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

1001 Canyonleigh Road, Brayton, NSW 2579

Licensed Activities under the POEO Act 1997

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

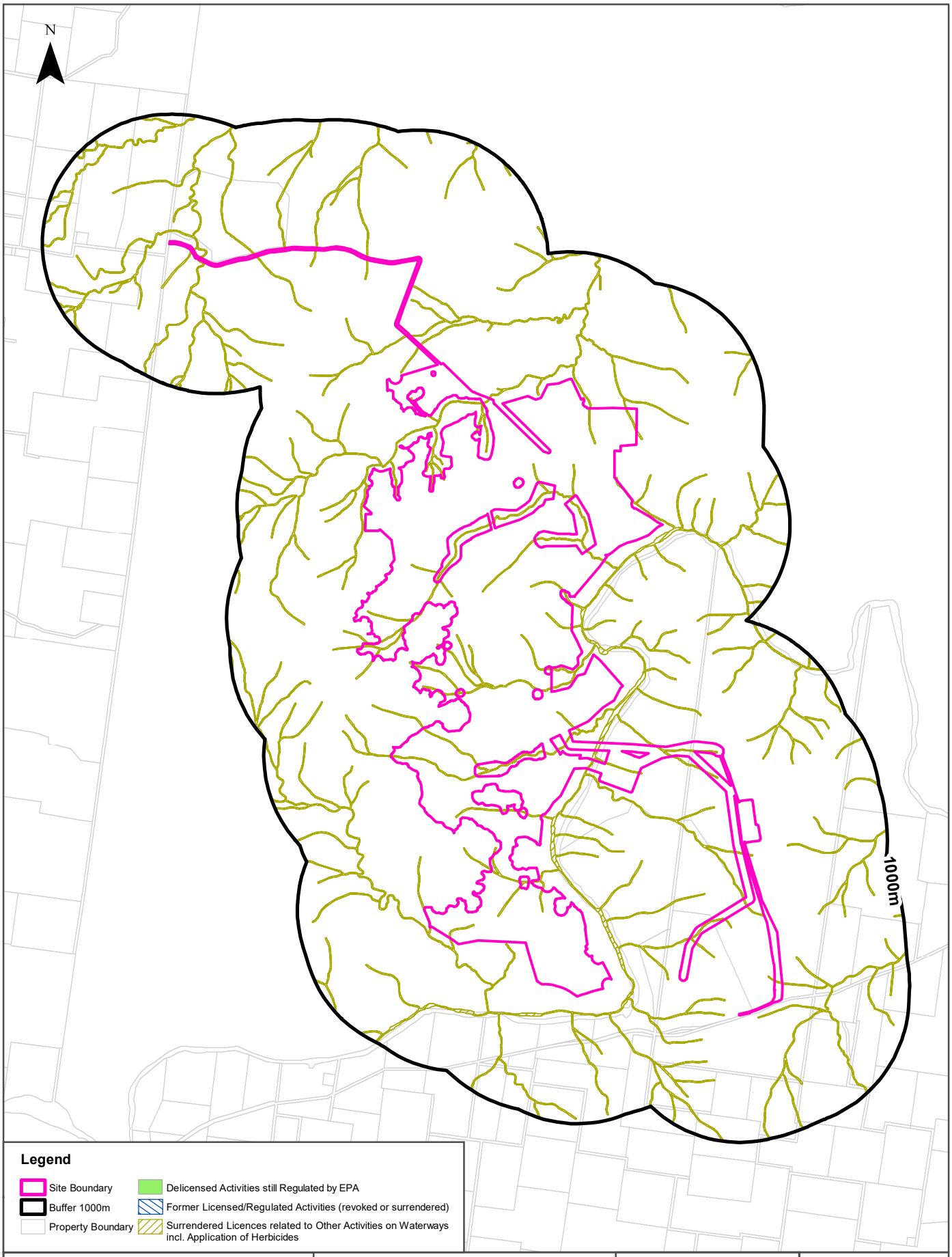
EPL	Organisation	Name	Address	Suburb	Activity	Loc Conf	Distance	Direction
N/A	No records in buffer							

POEO Licence Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

Delicensed & Former Licensed EPA Activities

1001 Canyonleigh Road, Brayton, NSW 2579



EPA Activities

1001 Canyonleigh Road, Brayton, NSW 2579

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

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Historical Business Directories

1001 Canyonleigh Road, Brayton, NSW 2579

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						

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

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
N/A	No records in buffer					

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

Historical Business Directories

1001 Canyonleigh Road, Brayton, NSW 2579

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

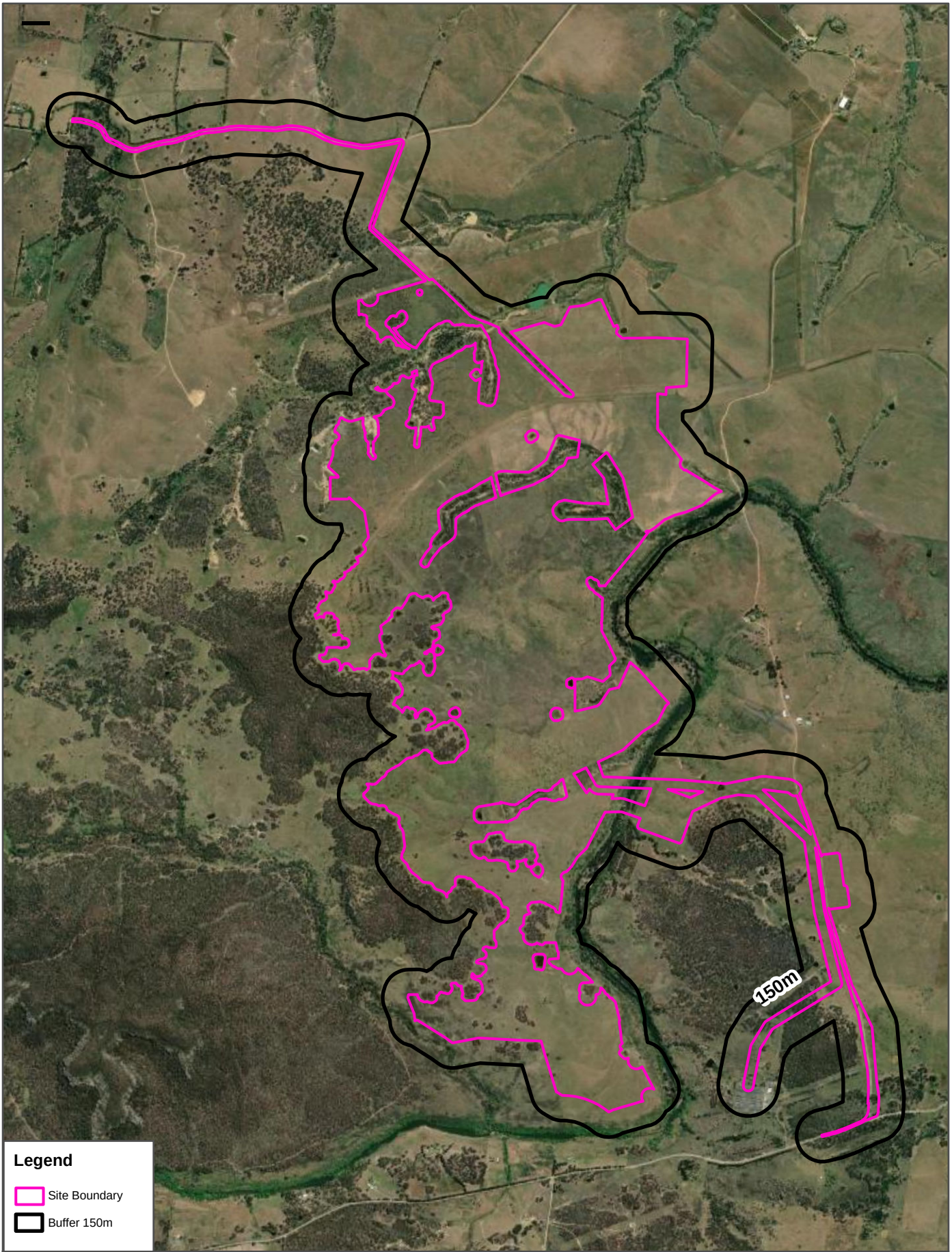
Dry Cleaners, Motor Garages & Service Stations from UBD Business Directories, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published.

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

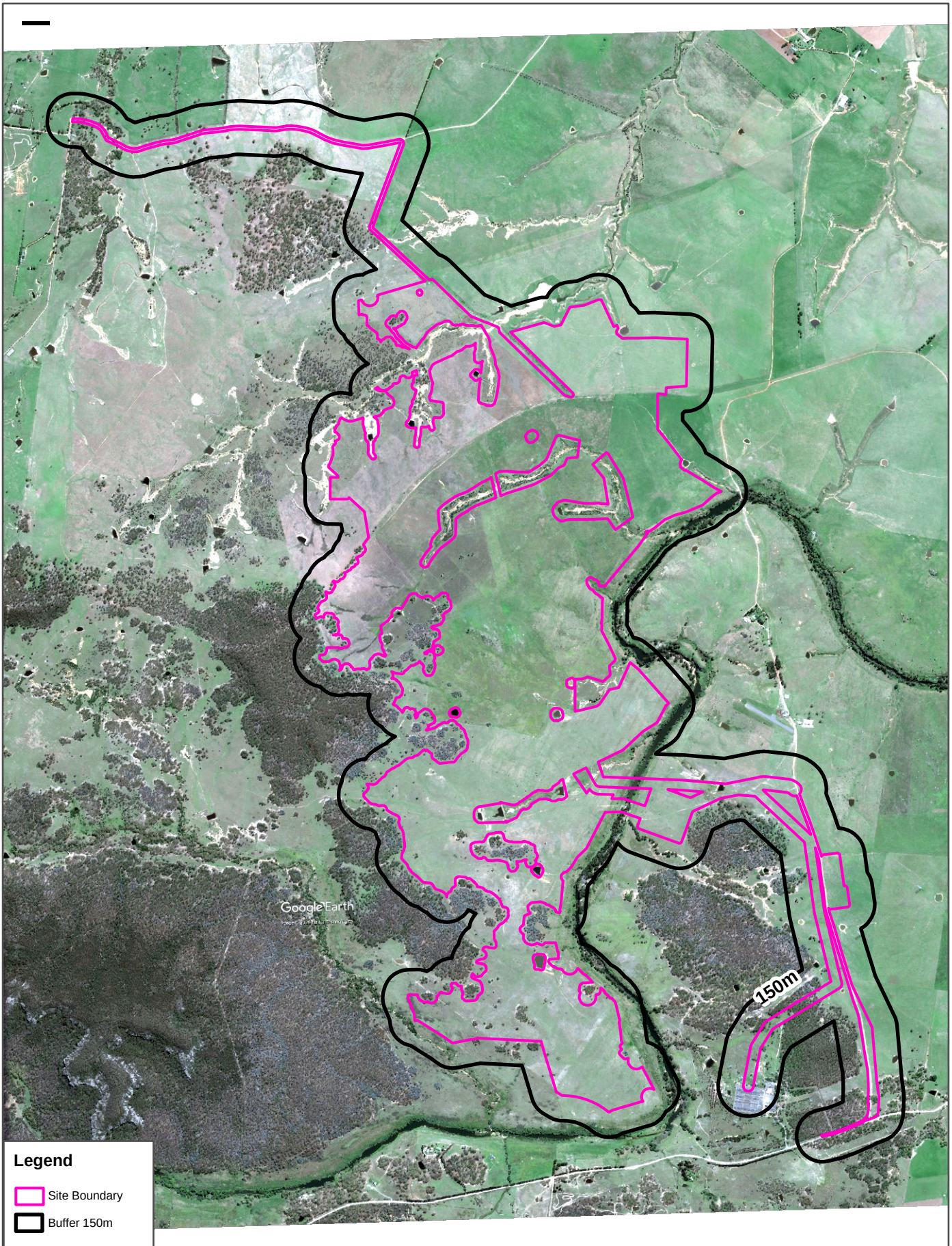
Aerial Imagery 2023

1001 Canyonleigh Road, Brayton, NSW 2579



Aerial Imagery 2013

1001 Canyonleigh Road, Brayton, NSW 2579



Scale:
0 360 720 1,080 1,440
Meters

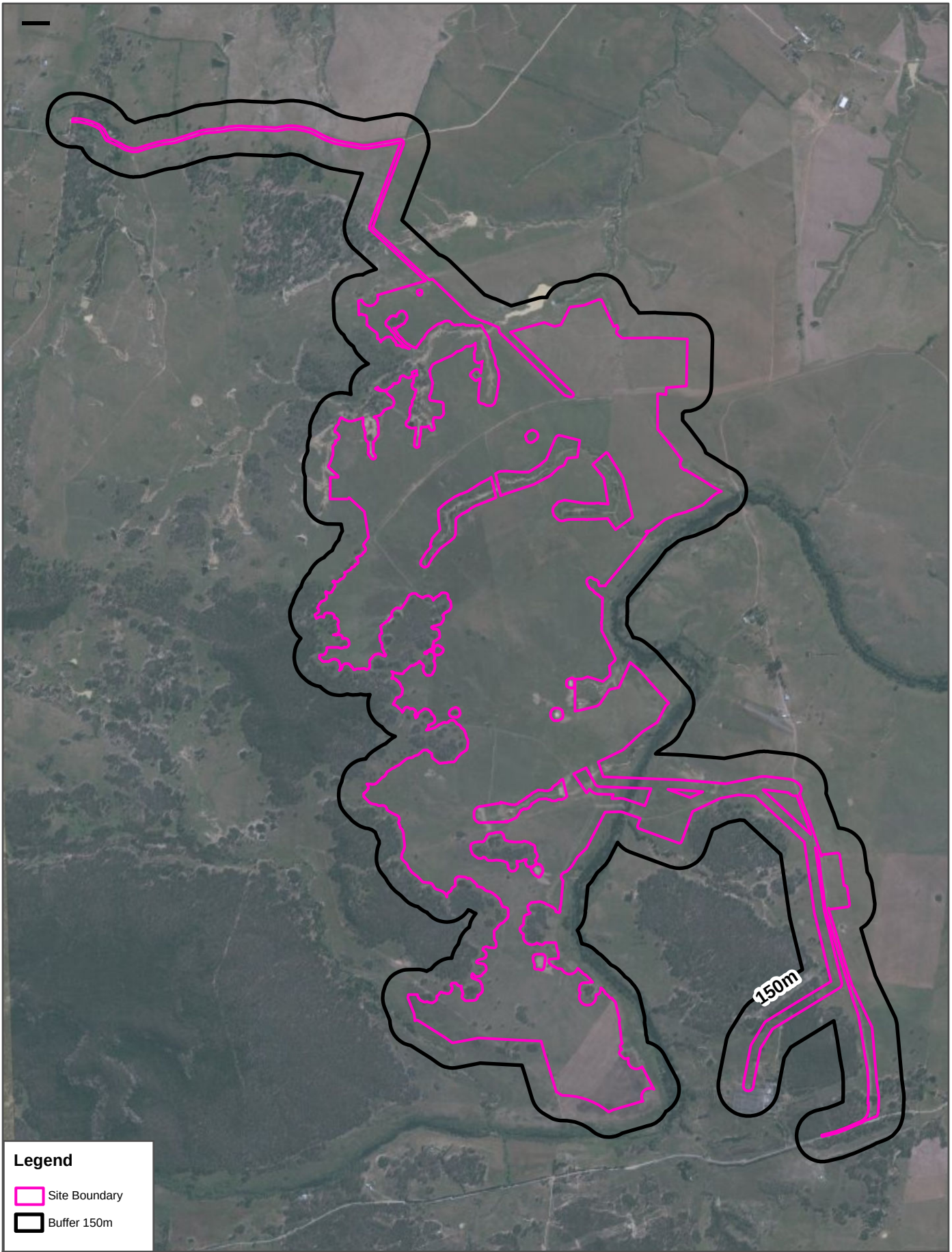
Data Source Aerial Imagery: © 2025 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.

Coordinate System:
GDA 1994 MGA Zone 56

Date: 07 November 2025

Aerial Imagery 2009

1001 Canyonleigh Road, Brayton, NSW 2579



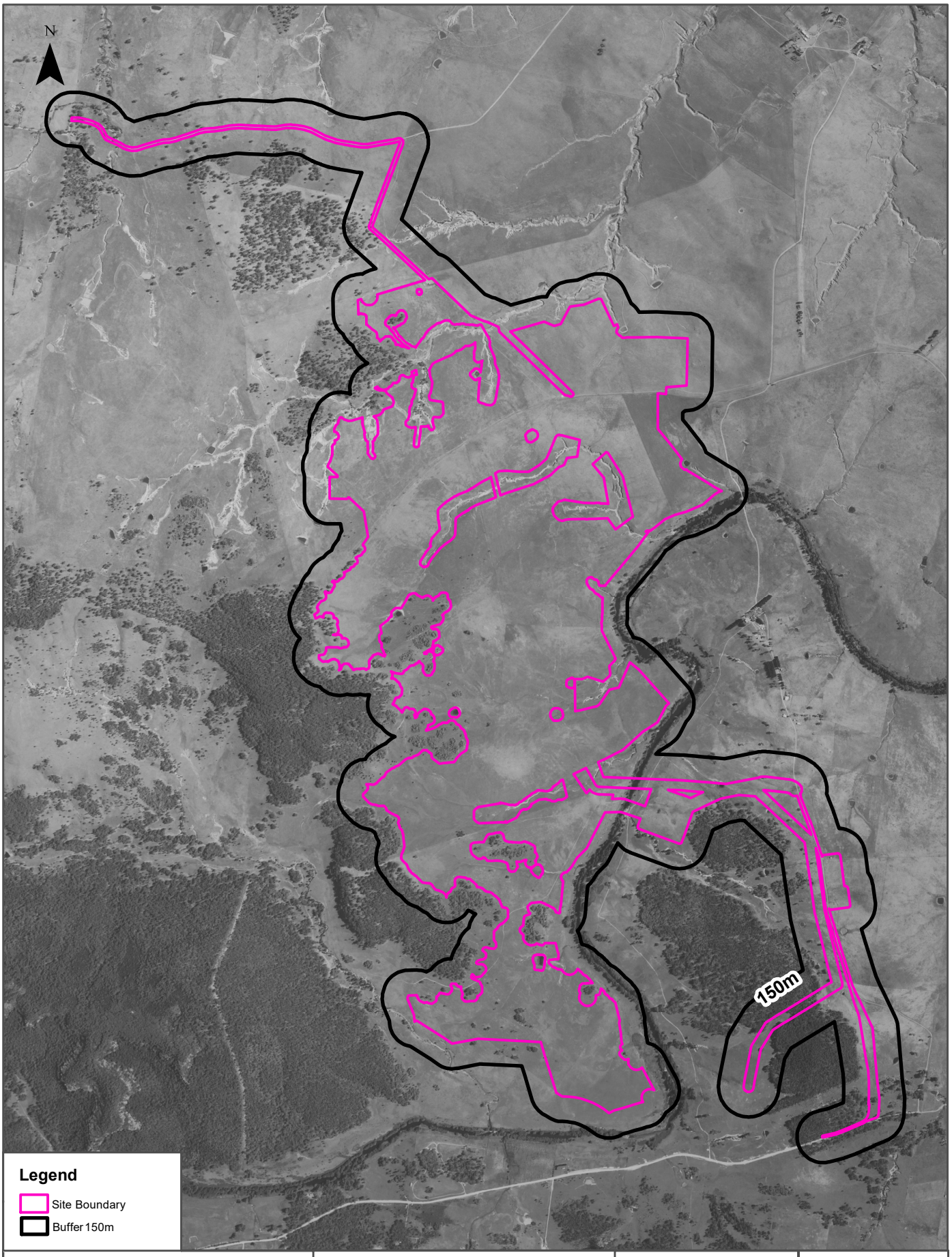
Aerial Imagery 1997

1001 Canyonleigh Road, Brayton, NSW 2579



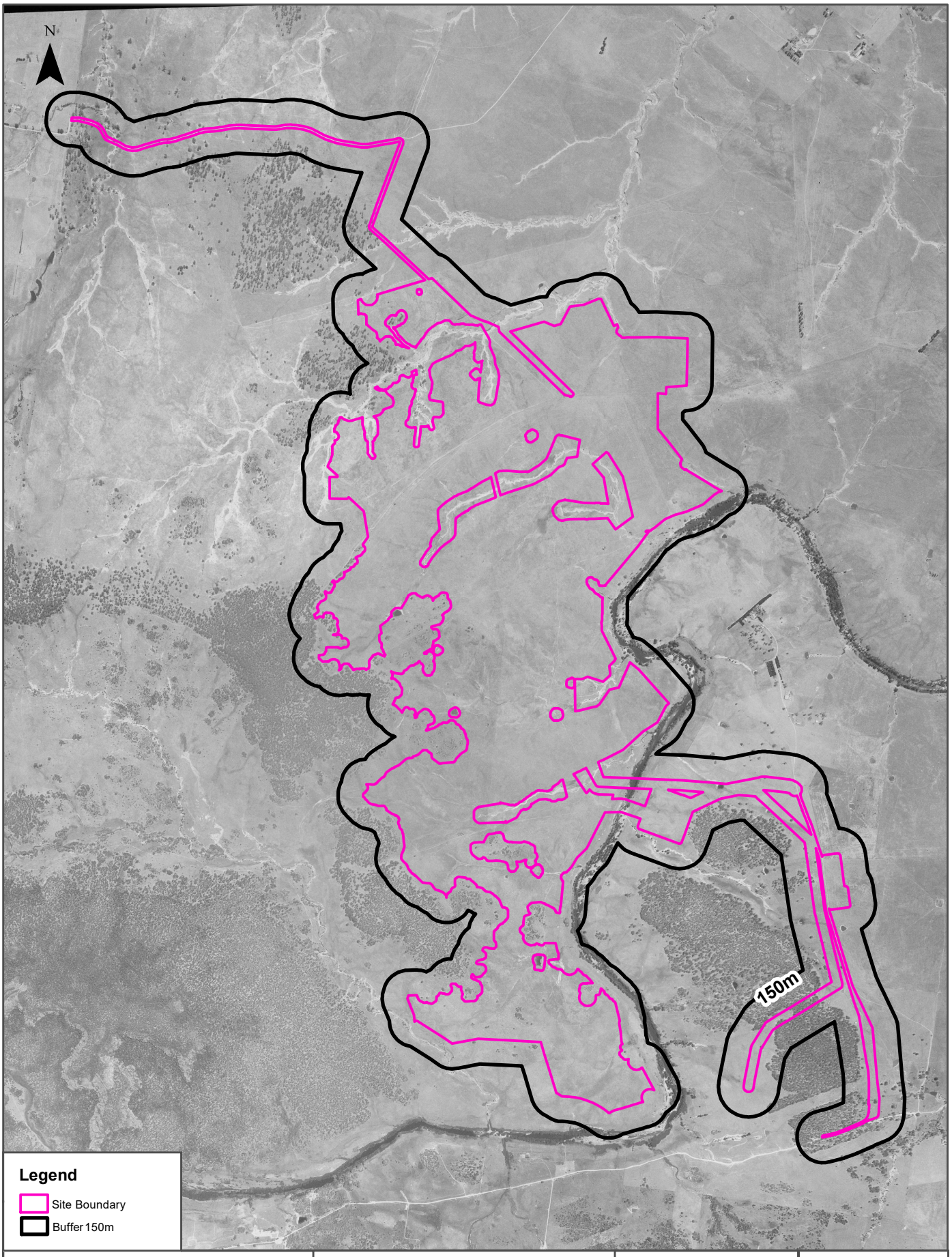
Aerial Imagery 1989

1001 Canyonleigh Road, Brayton, NSW 2579



Aerial Imagery 1979

1001 Canyonleigh Road, Brayton, NSW 2579



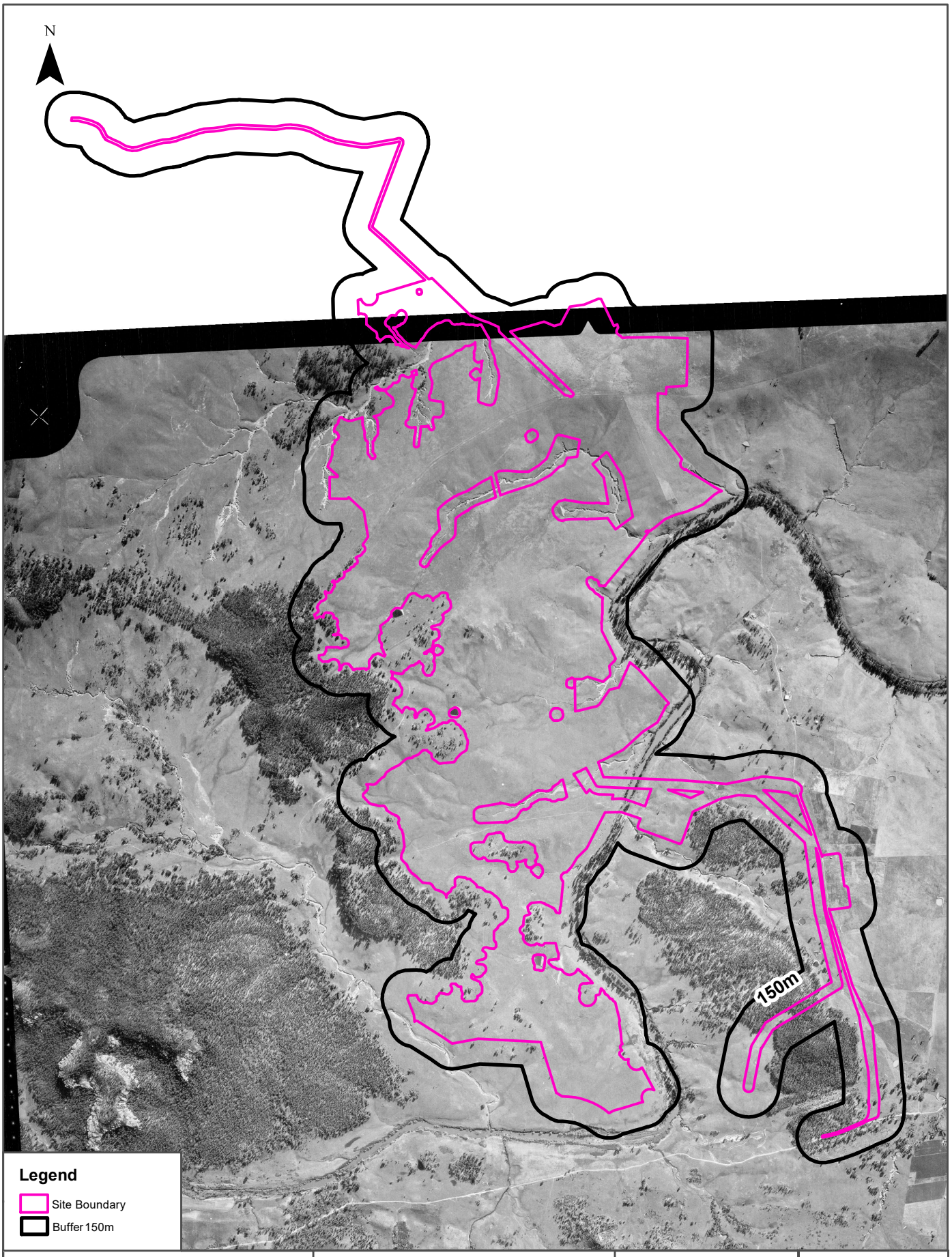
Aerial Imagery 1969

1001 Canyonleigh Road, Brayton, NSW 2579



Aerial Imagery 1969

1001 Canyonleigh Road, Brayton, NSW 2579



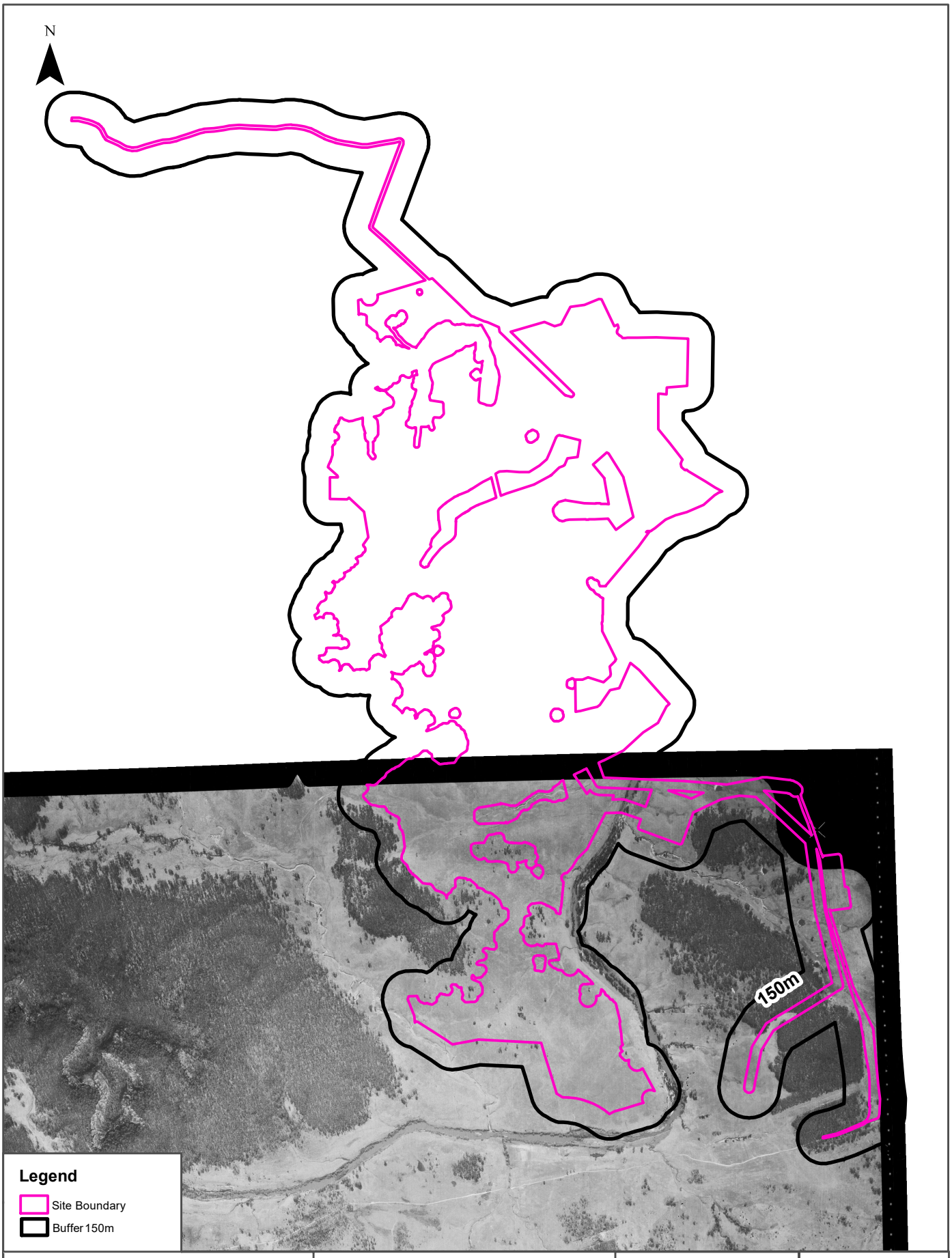
Aerial Imagery 1963

1001 Canyonleigh Road, Brayton, NSW 2579



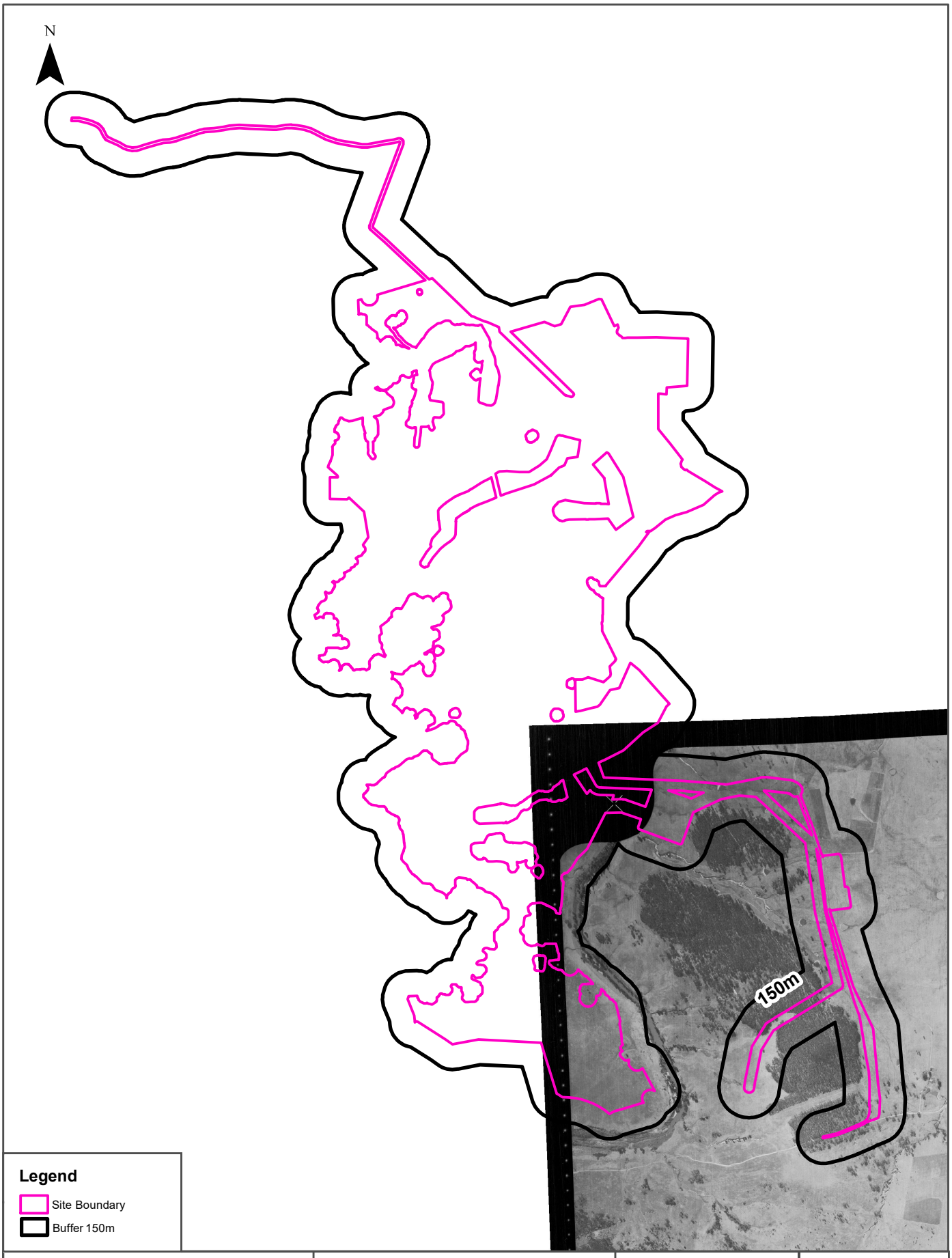
Aerial Imagery 1963

1001 Canyonleigh Road, Brayton, NSW 2579



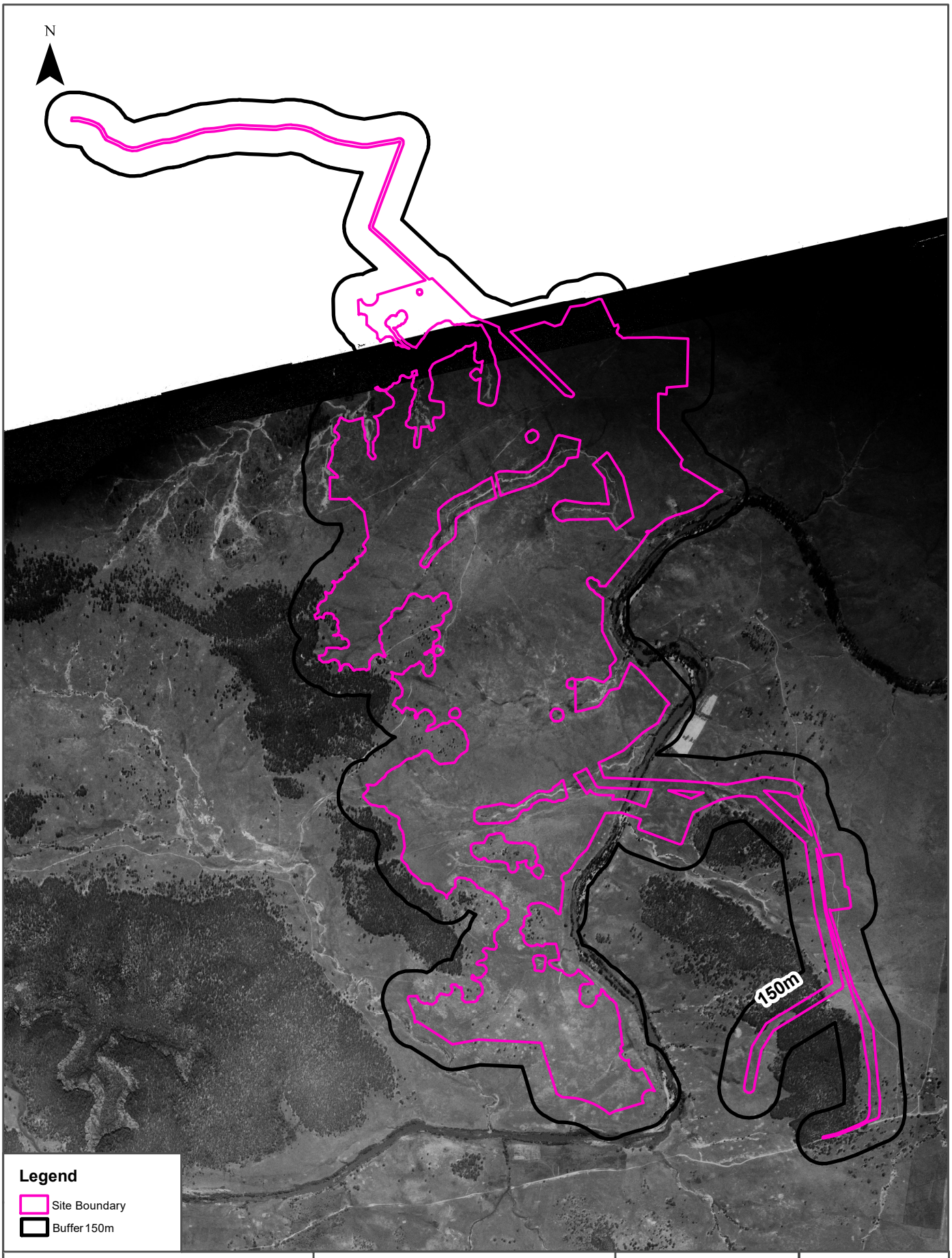
Aerial Imagery 1963

1001 Canyonleigh Road, Brayton, NSW 2579



Aerial Imagery 1953

1001 Canyonleigh Road, Brayton, NSW 2579



Aerial Imagery 1949

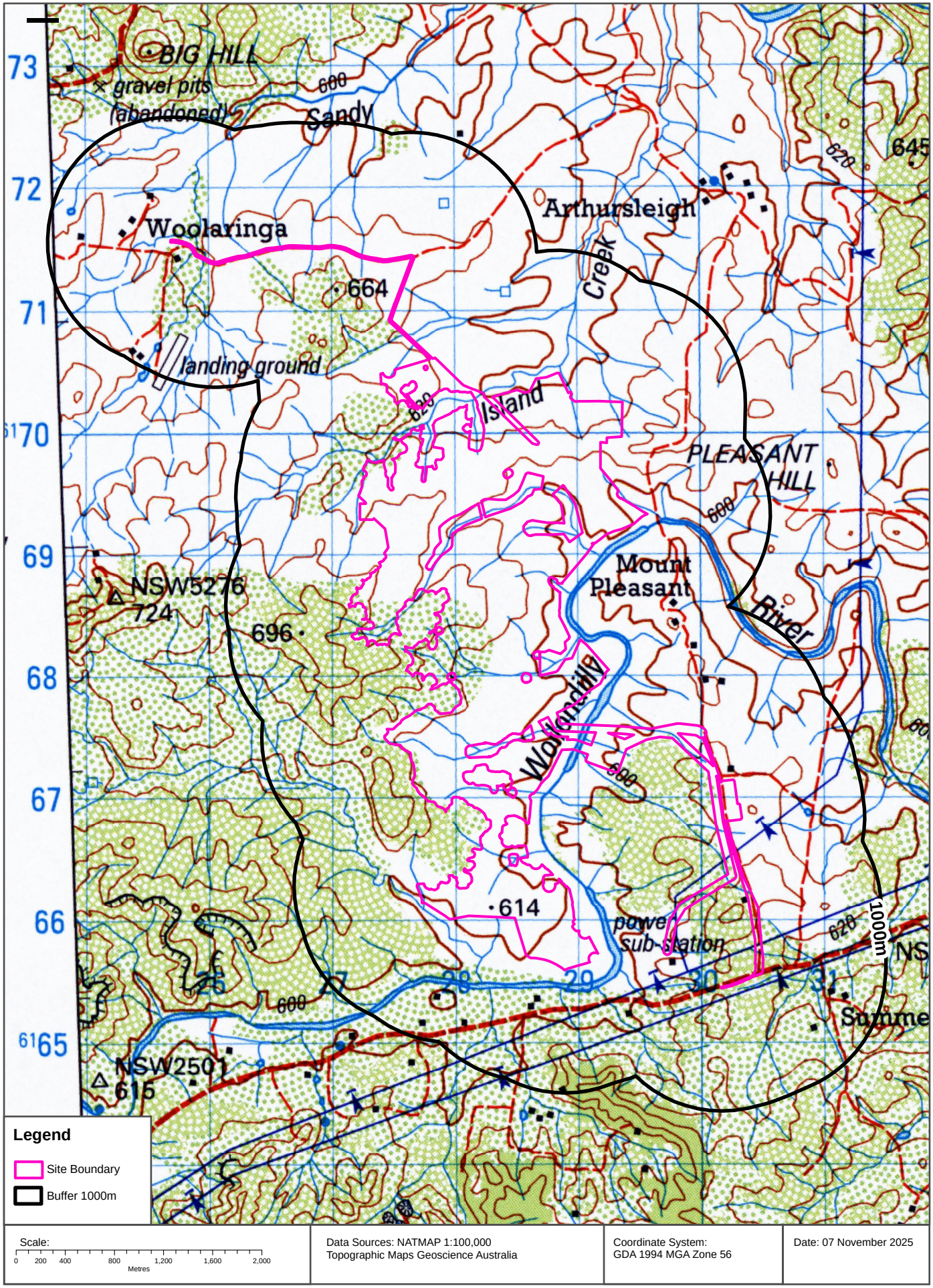
1001 Canyonleigh Road, Brayton, NSW 2579



Scale: 0 360 720 1,080 1,440 Meters	Data Source Aerial Imagery: © NSW Department of Customer Service	Coordinate System: GDA 1994 MGA Zone 56	Date: 12 November 2025

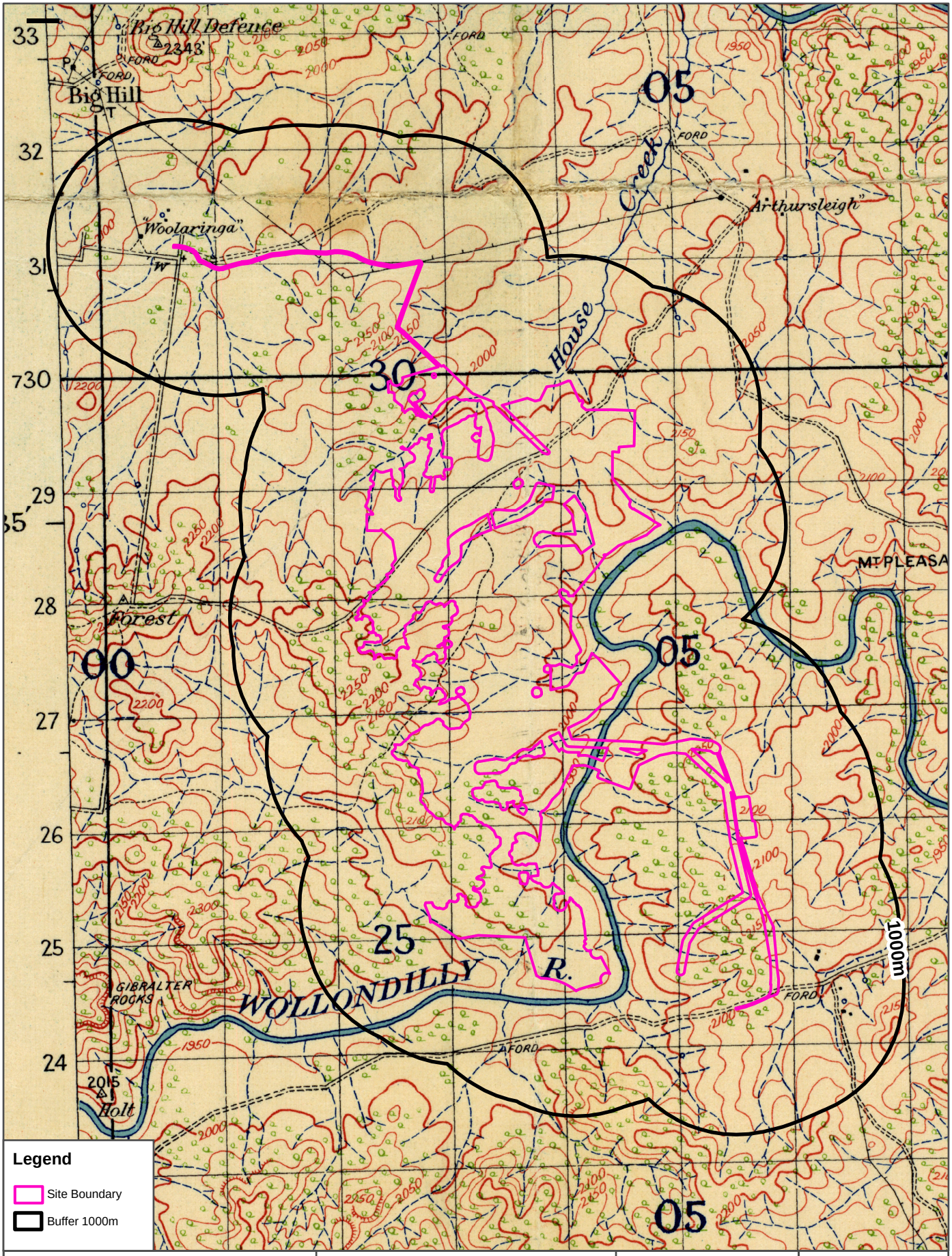
Historical Map 1998

1001 Canyonleigh Road, Brayton, NSW 2579



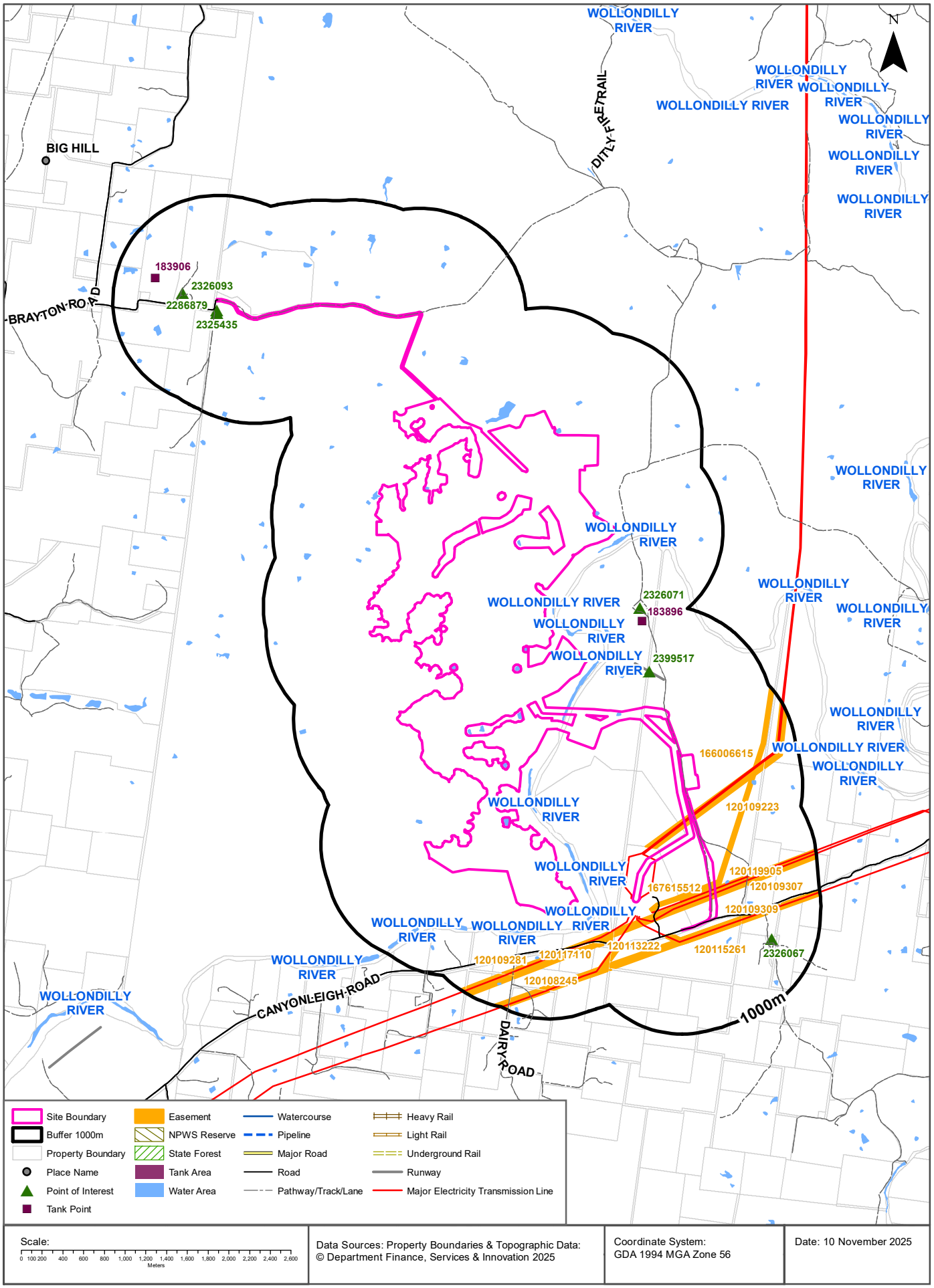
Historical Map c.1933

1001 Canyonleigh Road, Brayton, NSW 2579



Topographic Features

1001 Canyonleigh Road, Brayton, NSW 2579



Scale: 0 100 200 400 600 800 1,000 1,200 1,400 1,600 1,800 2,000 2,200 2,400 2,600 Meters

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

Coordinate System: GDA 1994 MGA Zone 56

Date: 10 November 2025

Topographic Features

1001 Canyonleigh Road, Brayton, NSW 2579

Points of Interest

What Points of Interest exist within the dataset buffer?

Map Id	Feature Type	Label	Distance	Direction
2325435	Place Of Worship	UNITING CHURCH	89m	North West
2286879	Cemetery	Cemetery	111m	North West
2326093	Homestead	WOOLARINGA	336m	North West
2399517	Landing Ground	Landing Ground	347m	East
2326067	Homestead	SUMMER HILL	573m	South East
2326071	Homestead	MOUNT PLEASANT	726m	East

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
183906	Water	Feature on Previous LPI Tank Point Supply		01/10/2013	630m	North West
183896	Water	Feature on Previous LPI Tank Point Supply		01/10/2013	664m	East

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
120119905	Primary	Undefined		0m	On-site
120109223	Primary	Undefined		0m	On-site
120109307	Primary	Undefined		0m	On-site
166006615	Primary	Electricity	40m	0m	On-site
120109309	Primary	Undefined		58m	South East
120115261	Primary	Undefined		58m	South East
167615512	Primary	Electricity	40m	133m	South East
120108245	Primary	Undefined		370m	South
120109281	Primary	Undefined		389m	South
120117110	Primary	Undefined		397m	South
120113222	Primary	Undefined		397m	South

Easements Data Source: © Land and Property Information (2015)
Creative Commons 3.0 © Commonwealth of Australia http://creativecommons.org/licenses/by/3.0/au/deed.en

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

Elevation Contours (m AHD)

1001 Canyonleigh Road, Brayton, NSW 2579



Hydrogeology & Groundwater

1001 Canyonleigh Road, Brayton, NSW 2579

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

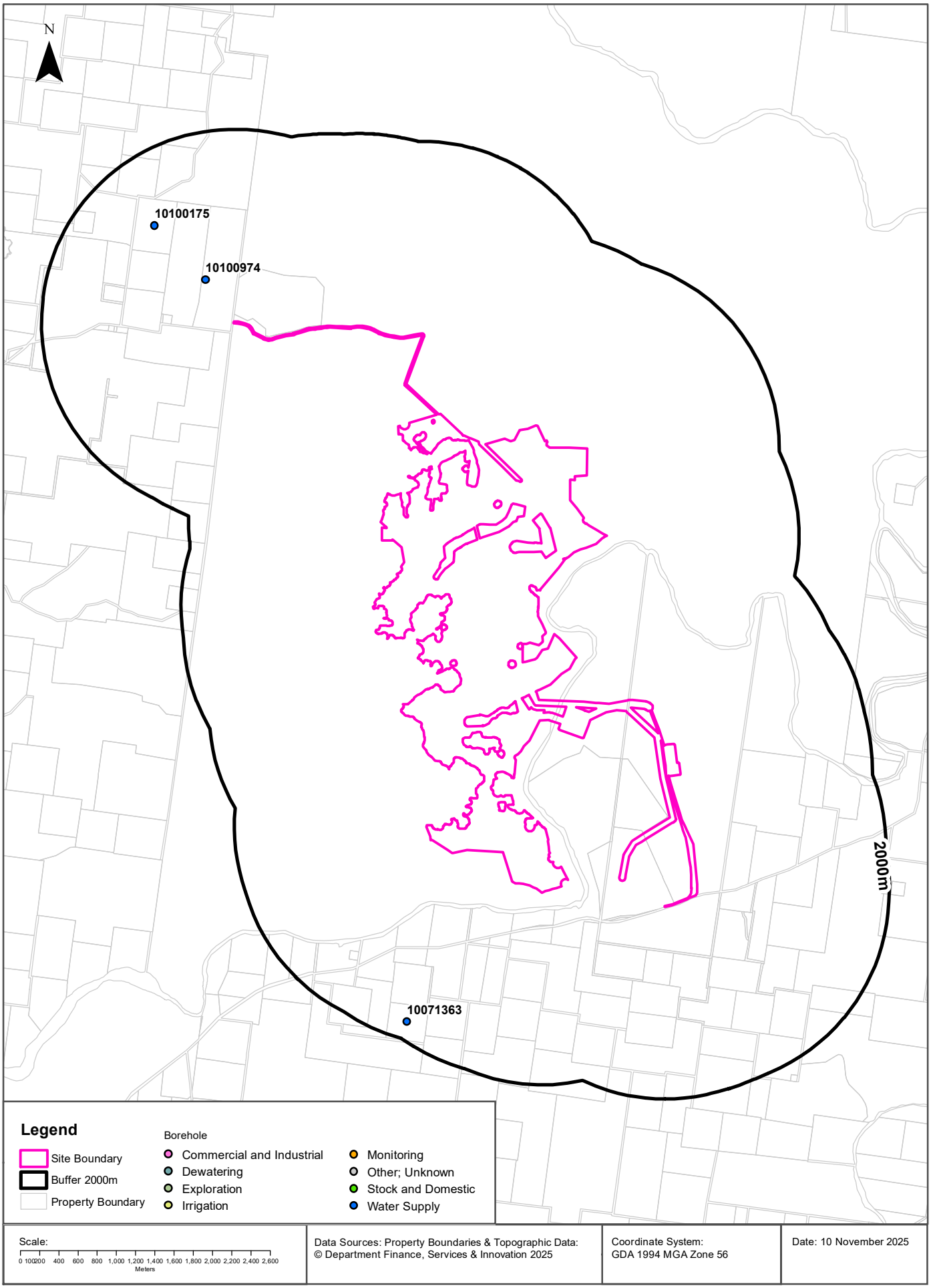
Temporary water restrictions relating to the Botany Sands aquifer within the dataset buffer:

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

1001 Canyonleigh Road, Brayton, NSW 2579



Hydrogeology & Groundwater

1001 Canyonleigh Road, Brayton, NSW 2579

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
10100974	GW101991	Water Supply	Unknown	19/04/1998	31.00		AHD	31		12.00	524m	North West
10100175	GW100469	Water Supply	Functioning	24/02/1997	42.00		AHD	2500	0.700	9.00	1294m	North West
10071363	GW103130	Water Supply	Unknown	30/09/1999	80.00		AHD	1200			1819m	South

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

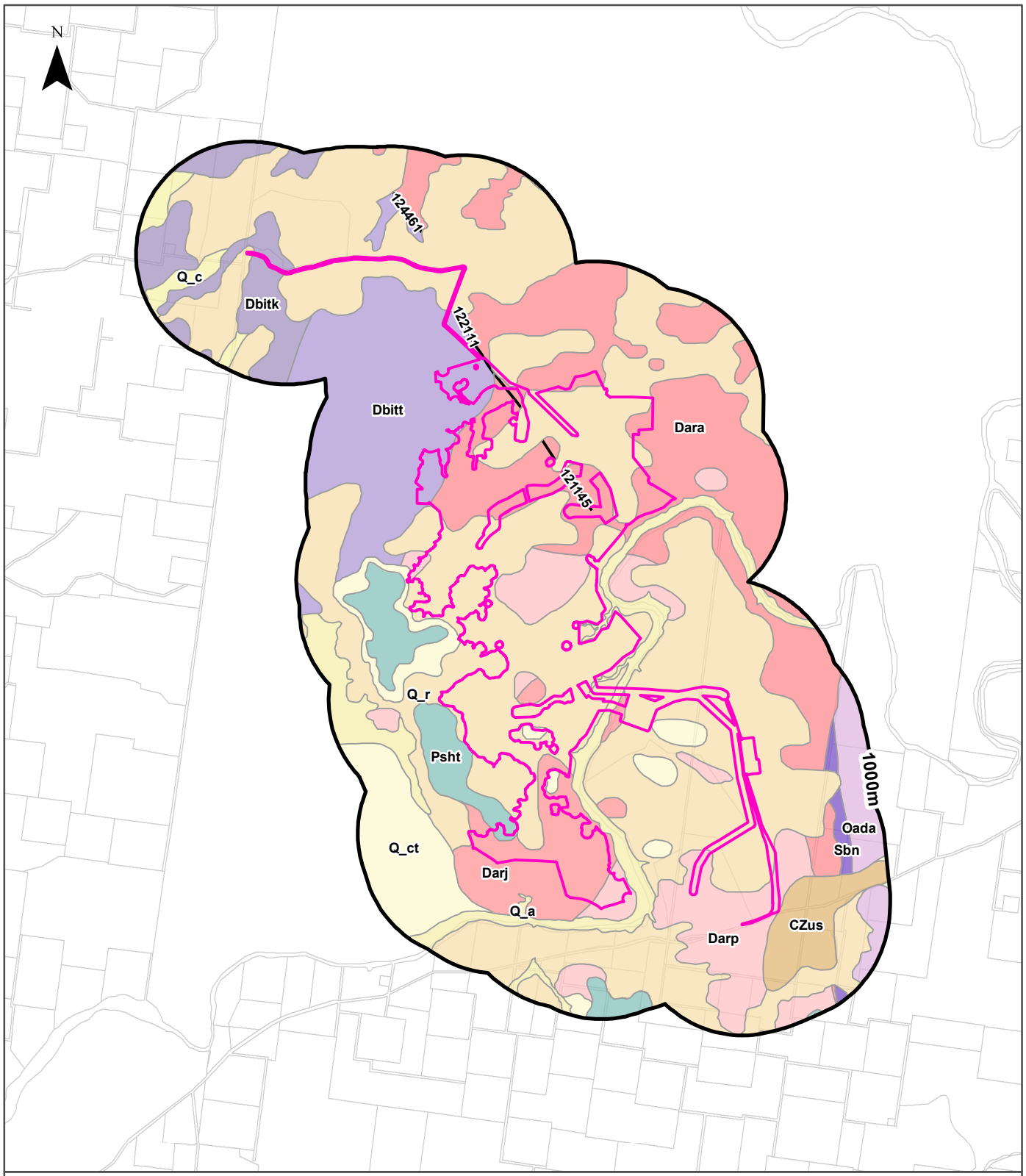
Drill log data relevant to the boreholes within the dataset buffer:

NGIS Bore ID	Drillers Log	Distance	Direction
10100974	0.00m-7.00m Red Clay 7.00m-15.00m Decomposed Basalt 15.00m-31.00m Broken Basalt	524m	North West
10100175	0.00m-1.00m SOIL 1.00m-20.00m CLAY SOIL 20.00m-34.00m BROKEN SHALES AND SLATES 34.00m-42.00m SLATE	1294m	North West
10071363	0.00m-6.00m LOOSE DECOMPOSED GRANITE 6.00m-21.00m FIRMER DECOMPOSED GRANITE 21.00m-40.00m LOOSE WASH GRANITE 40.00m-80.00m FIRM GRANITE	1819m	South

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

Geology

1001 Canyonleigh Road, Brayton, NSW 2579



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: 0 100 200 400 600 800 1,000 1,200 1,400 1,600 1,800 2,000 2,200 2,400 2,600 Meters	Data Sources: Property Boundaries & Topographic Data: © Department Finance, Services & Innovation 2025	Coordinate System: GDA 1994 MGA Zone 56	Date: 10 November 2025

Geology

1001 Canyonleigh Road, Brayton, NSW 2579

Geological Units

Geological units within the dataset buffer:

Code	Unit Name	Description	Stratigraphy	Age Range	Dominant Lithology	Dist	Dir
Dara	Arthursleigh Tonalite	Heterogeneous tonalite with a monzogranite stock showing well-developed zonation from mafic core to felsic rim; contact zone >4 km wide in strata along eastern margin.	Marulan Supersuite/Arthursleigh Suite//Arthursleigh Tonalite//	Devonian (base) to Devonian (top)	Tonalite	0m	On-site
Darj	Johnniefields Granodiorite	Bimodal, holocrystalline, medium- to coarse-grained biotite-hornblende granodiorite. Characterised by a contact metamorphic microstructure and a strong mineral lineation locally. Common fine-grained igneous enclaves.	Marulan Supersuite/Arthursleigh Suite//Johnniefields Granodiorite//	Early Devonian (base) to Early Devonian (top)	Granodiorite	0m	On-site
Darp	Pleasant Hill Granite	Coarse to very coarse-grained holocrystalline equigranular biotite-hornblende granite to granodiorite.	Marulan Supersuite/Arthursleigh Suite//Pleasant Hill Granite//	Early Devonian (base) to Early Devonian (top)	Granite	0m	On-site
Dbitk	Kerrawarra Dacite Member	Dark grey, massive- to flow-banded, crystal-rich dacitic lava, phenocrysts of plagioclase, pyroxene and trace quartz set in originally glassy groundmass, minor autobrecciated dacite, discontinuous horizons of feldspathic siltstone and minor sandstone.	/Bindook Group//Tangerang Formation/Kerrawarra Dacite Member/	Eognathodus sulcatus (base) to Polygnathus pireneae (top)	Dacite	0m	On-site
Dbitt	Kerillon Tuff Member	Rhyolitic, accretionary lapilli-bearing, non-welded ignimbrite and volcaniclastic rocks overlain by coarse-grained, welded, crystal-rich, dacitic ignimbrite with subordinate volcanic breccia, ash-fall tuff and tuffaceous sandstone.	/Bindook Group//Tangerang Formation/Kerillon Tuff Member/	Eognathodus sulcatus (base) to Polygnathus pireneae (top)	Pyroclastic rock	0m	On-site
Psht	Tallong Conglomerate	Pebble to mainly cobble polymictic conglomerate, pebble-sized clasts, mainly light-coloured lithic material (siliceous sandstone, quartz, quartzite), cobbles are acid igneous rocks, no bedding or imbrication evident; sporadic thin sandstone beds.	/Shoalhaven Group//Tallong Conglomerate//	Kungurian (base) to Kungurian (top)	Conglomerate	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_ct	Colluvial talus deposits	Poorly sorted, weakly cemented to unconsolidated coalescing fans of pebble- to cobble-sized polymictic conglomerate with medium- to very coarse-grained clayey sand matrix; sporadically caped with sandy loam, weakly modified by pedogenesis.	/Colluvium/Colluvial talus deposits///	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
CZus	Ungrouped Cenozoic sedimentary units	Ungrouped Cenozoic sedimentary units.	/Ungrouped Cenozoic sedimentary units////	Miocene (base) to Pliocene (top)	Unconsolidated material	2m	South East

Code	Unit Name	Description	Stratigraphy	Age Range	Dominant Lithology	Dist	Dir
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	166m	North West
Sbn	Bungonia Group	Medium-grained quartz sandstone interbedded with graded siltstone/mudstone, fossiliferous biostromal limestone, marble, limestone interbedded with calcareous sandstone; minor cobble conglomerate and breccia clasts: shale, limestone and fossil fragments.	/Bungonia Group////	Kockelella amsdeni (base) to Ozarkodina eurekaensis (top)	Sandstone	551m	South East
Oada	Abercrombie Formation	Brown and buff to grey, thin- to thick-bedded, fine- to coarse-grained mica-quartz (±feldspar) sandstone, interbedded with laminated siltstone and mudstone. Sporadic chert-rich units.	/Adaminaby Group//Abercrombie Formation//	La2b (Lancefieldian) (base) to Da4 (Darriwilian) (top)	Sandstone	679m	South East

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
120178	Faulted boundary	Fault, position approximate	Unknown	Unknown	0m	On-site
121145	Faulted boundary	Fault, position approximate	Unknown	Unknown	0m	On-site
121682	Faulted boundary	Fault, position approximate	Unknown	Unknown	0m	On-site
122111	Faulted boundary	Fault, position approximate	Unknown	Unknown	0m	On-site
124461	Faulted boundary	Fault, position approximate	Unknown	Unknown	286m	North

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
NA	No records in buffer				

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

1001 Canyonleigh Road, Brayton, NSW 2579

Naturally Occurring Asbestos Potential

Naturally Occurring Asbestos Potential within the dataset buffer:

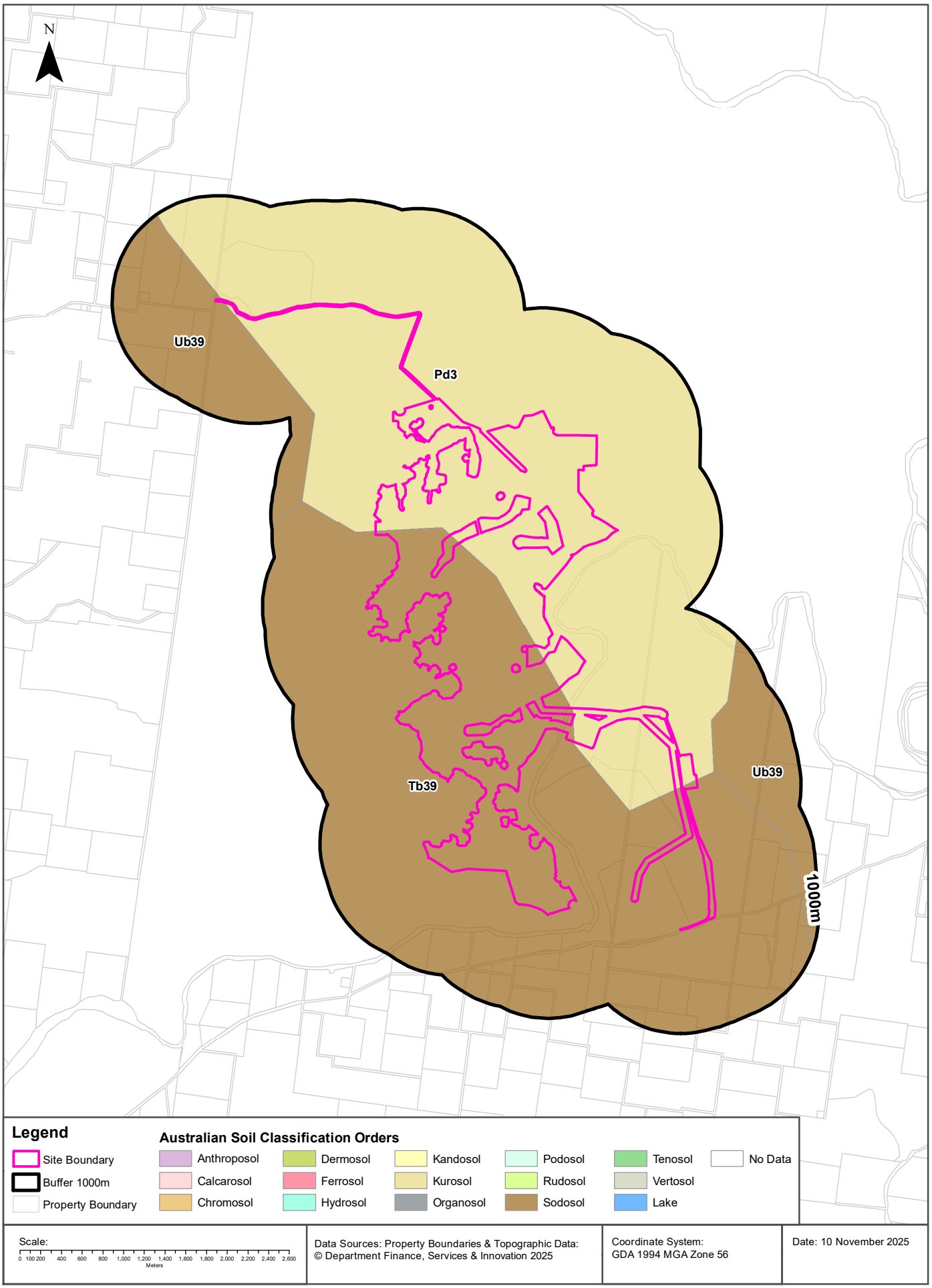
Potential	Sym	Strat Name	Group	Formation	Scale	Min Age	Max Age	Rock Type	Dom Lith	Description	Dist	Dir
No records in buffer												

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

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Atlas of Australian Soils

1001 Canyonleigh Road, Brayton, NSW 2579



Soils

1001 Canyonleigh Road, Brayton, NSW 2579

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
Tb39	Sodosol	Undulating--often with short irregular slopes: chief soils are hard acidic yellow mottled soils (Dy3.41) often with large amounts of waterworn stone, and yellow earths such as (Gn2.74). Data are limited.	0m	On-site
Pd3	Kurosol	Mountainous: chief soils on the steep slopes are hard acidic and neutral red soils (Dr2.41 and Dr2.42) with rock outcrops. Associated are: some siliceous sands (Uc1.2) on colluvial deposits; some undulating areas on narrow ridges and hill-tops of undescribed soils; minor areas of various soils, including (Uf6.31), where special parent materials (e.g. limestones) are exposed; and narrow flood- plains of undescribed soils along some streams.	0m	On-site
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

Atlas of Australian Soils Data Source: CSIRO

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Acid Sulfate Soils

1001 Canyonleigh Road, Brayton, NSW 2579

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		

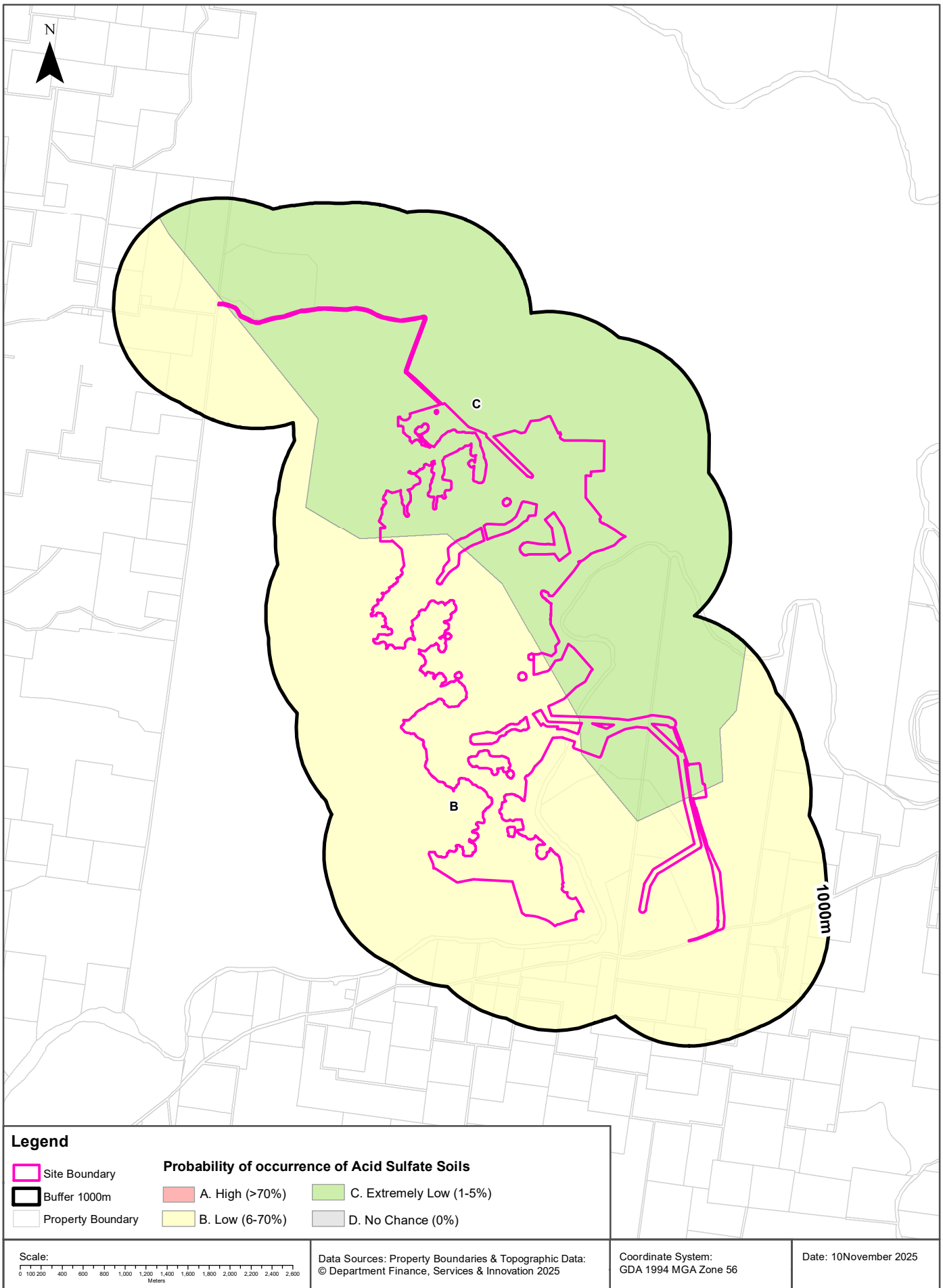
If the on-site Soil Class is 5, what other soil classes exist within 500m?

Soil Class	Description	EPI Name	Distance	Direction
N/A				

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Atlas of Australian Acid Sulfate Soils

1001 Canyonleigh Road, Brayton, NSW 2579



Acid Sulfate Soils

1001 Canyonleigh Road, Brayton, NSW 2579

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
C	Extremely low probability of occurrence. 1-5% chance of occurrence with occurrences in small localised areas.	0m	On-site

Atlas of Australian Acid Sulfate Soils Data Source: CSIRO

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Dryland Salinity

1001 Canyonleigh Road, Brayton, NSW 2579

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

1001 Canyonleigh Road, Brayton, NSW 2579

Mining Subsidence Districts

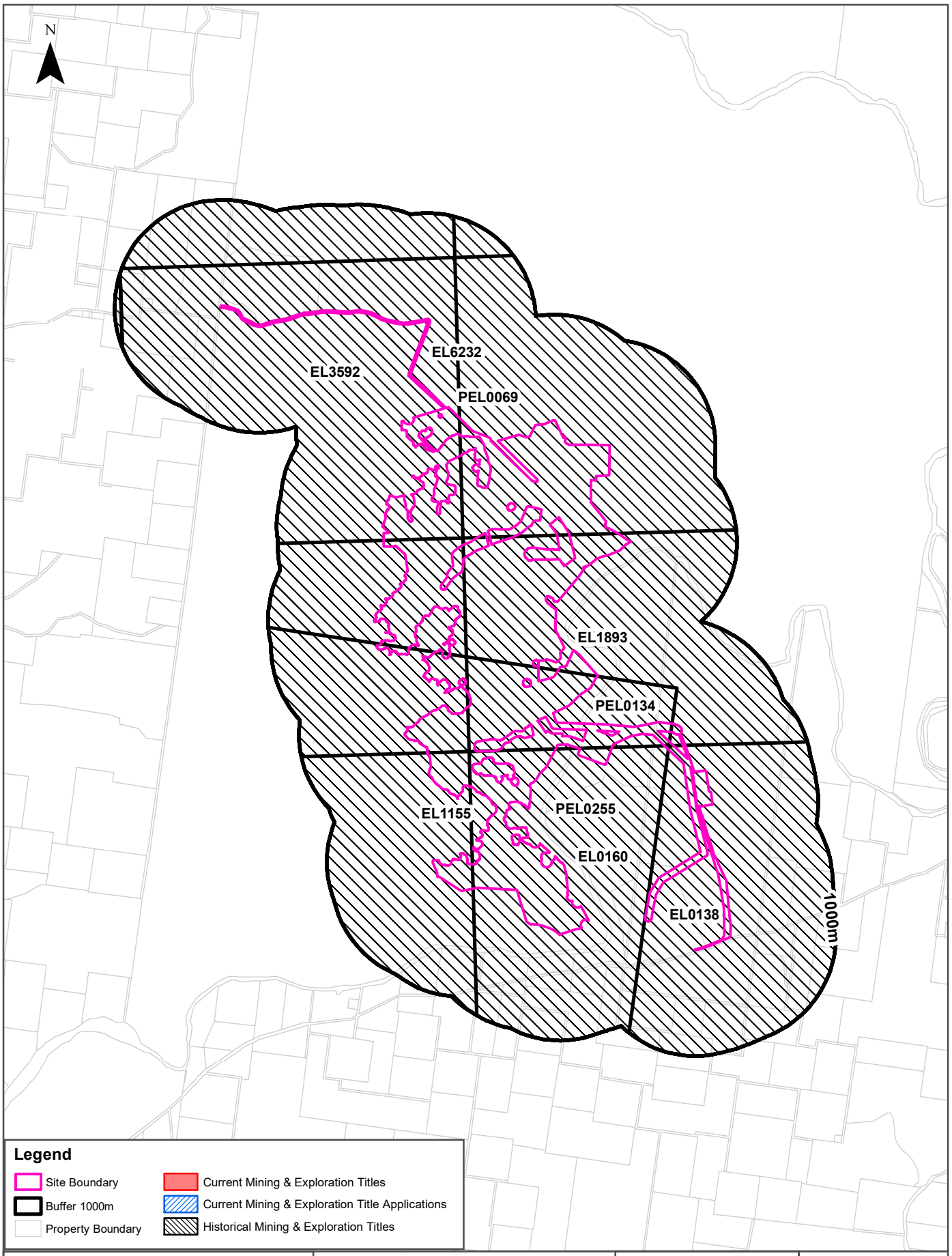
Mining Subsidence Districts within the dataset buffer:

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

1001 Canyonleigh Road, Brayton, NSW 2579



Mining

1001 Canyonleigh Road, Brayton, NSW 2579

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
PEL0255	AGL PETROLEUM OPERATIONS PTY LTD, THE AUSTRALIAN GAS LIGHT COMPANY	19800312	19930803	PETROLEUM	Petroleum	0m	On-site
EL6232	IPSEITY PTY LIMITED	20040420	20050509	MINERALS	Au Cu	0m	On-site
EL3592	NEWCREST MINING (W.A) LIMITED	19900701	19911001	MINERALS	Au	0m	On-site
EL1155	AUSTRALIAN ANGLO AMERICAN GROUP	19781101	19801201	MINERALS	Cu Pb Zn Mo Sn	0m	On-site
EL1893	AOG MINERALS PTY LIMITED	19820701	19821201	MINERALS	Cu Pb Zn Au	0m	On-site
PEL0134	CANADIAN AUSTRALIAN PETROLEUM NL			PETROLEUM	Petroleum	0m	On-site
EL0138	BRICKWORKS LIMITED	19690101	19700201	MINERALS	Nil Minerals	0m	On-site
EL0160	BROKEN HILL PROPRIETARY COMPANY LIMITED	19690501	19700501	MINERALS	U	0m	On-site
PEL0069	ALLIANCE OIL DEVELOPMENT AUSTRALIA NL, OIL DEVELOPMENT NL			PETROLEUM	Petroleum	0m	On-site

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

1001 Canyonleigh Road, Brayton, NSW 2579

State Significant Precincts

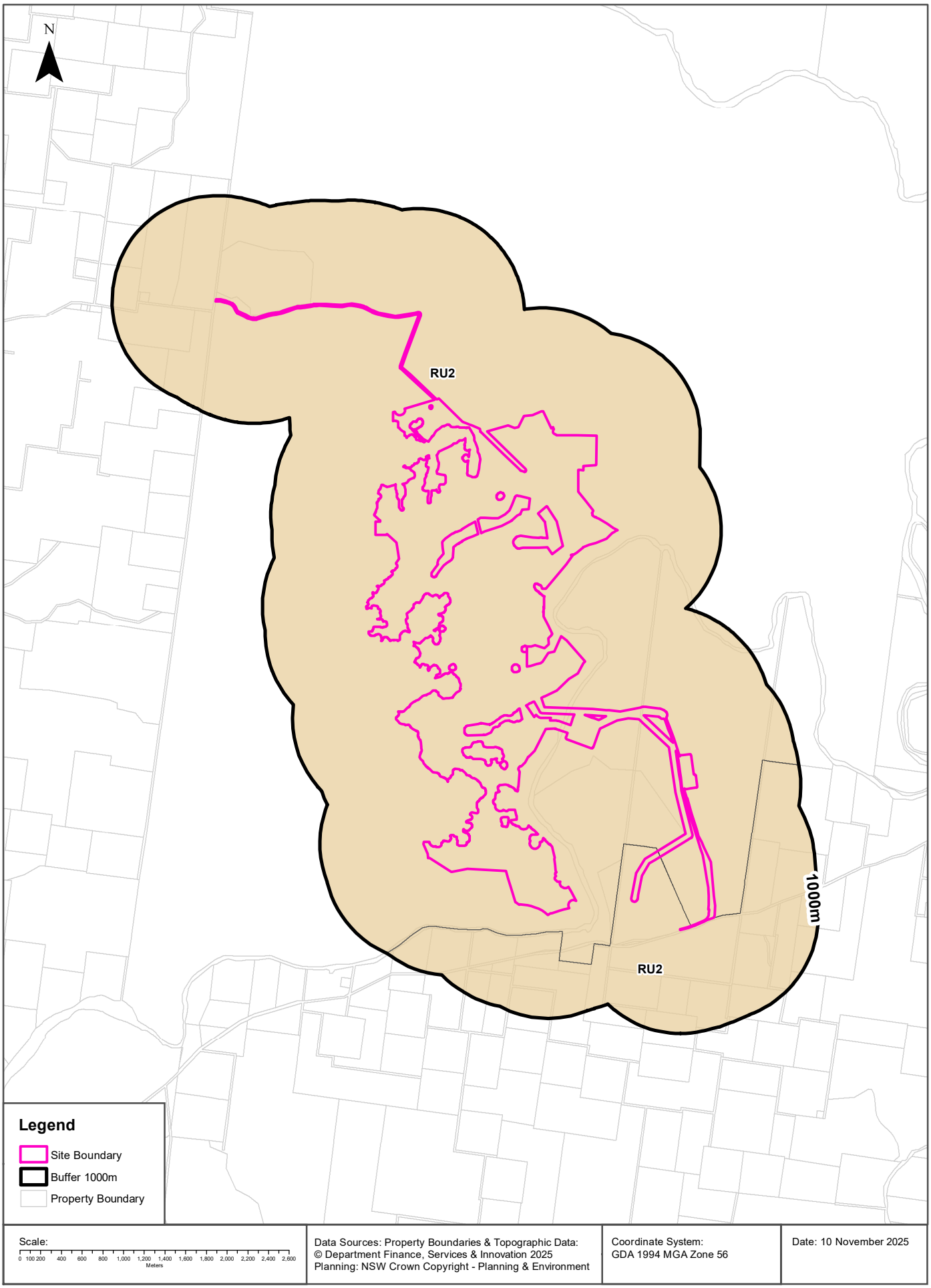
What SEPP State Significant Precincts exist within the dataset buffer?

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

1001 Canyonleigh Road, Brayton, NSW 2579



Environmental Planning Instrument

1001 Canyonleigh Road, Brayton, NSW 2579

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
RU2	Rural Landscape		Upper Lachlan Local Environmental Plan 2010	24/04/2025	24/04/2025	24/04/2025	Amendment No 8	0m	On-site
RU2	Rural Landscape		Goulburn Mulwaree Local Environmental Plan 2009	24/02/2023	26/04/2023	08/08/2025	State Environmental Planning Policy Amendment (Land Use Zones) 2023	0m	On-site

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

1001 Canyonleigh Road, Brayton, NSW 2579

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

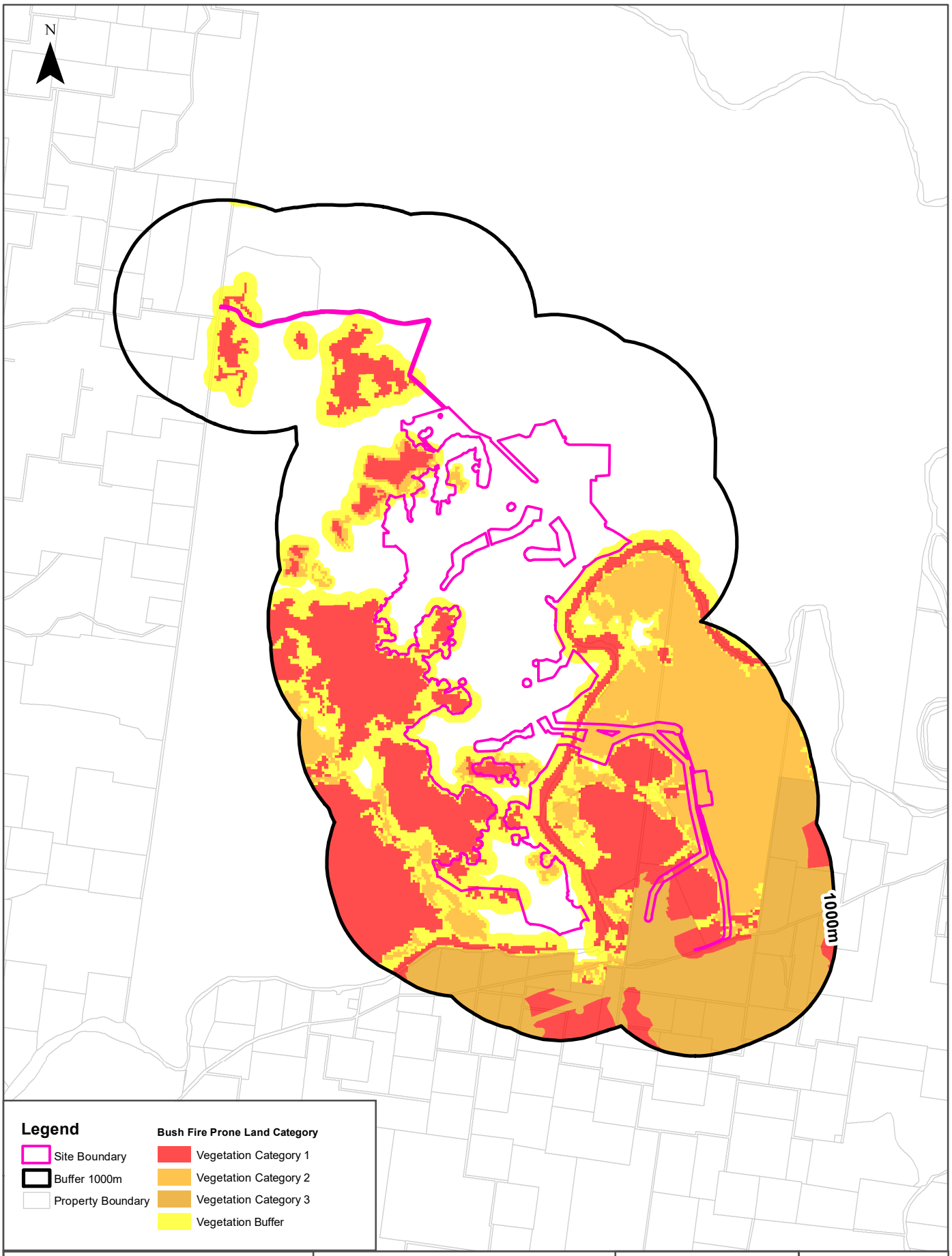
What are the EPI Heritage Items located within the dataset buffer?

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 - Bush Fire Prone Land

1001 Canyonleigh Road, Brayton, NSW 2579



Data Sources: Bush Fire Prone Land: © NSW Rural Fire Service 2025. Property Boundaries: © Department Finance, Services & Innovation 2025

Coordinate System: GDA 1994 MGA Zone 56

Date: 10 November 2025

Natural Hazards

1001 Canyonleigh Road, Brayton, NSW 2579

Bush Fire Prone Land

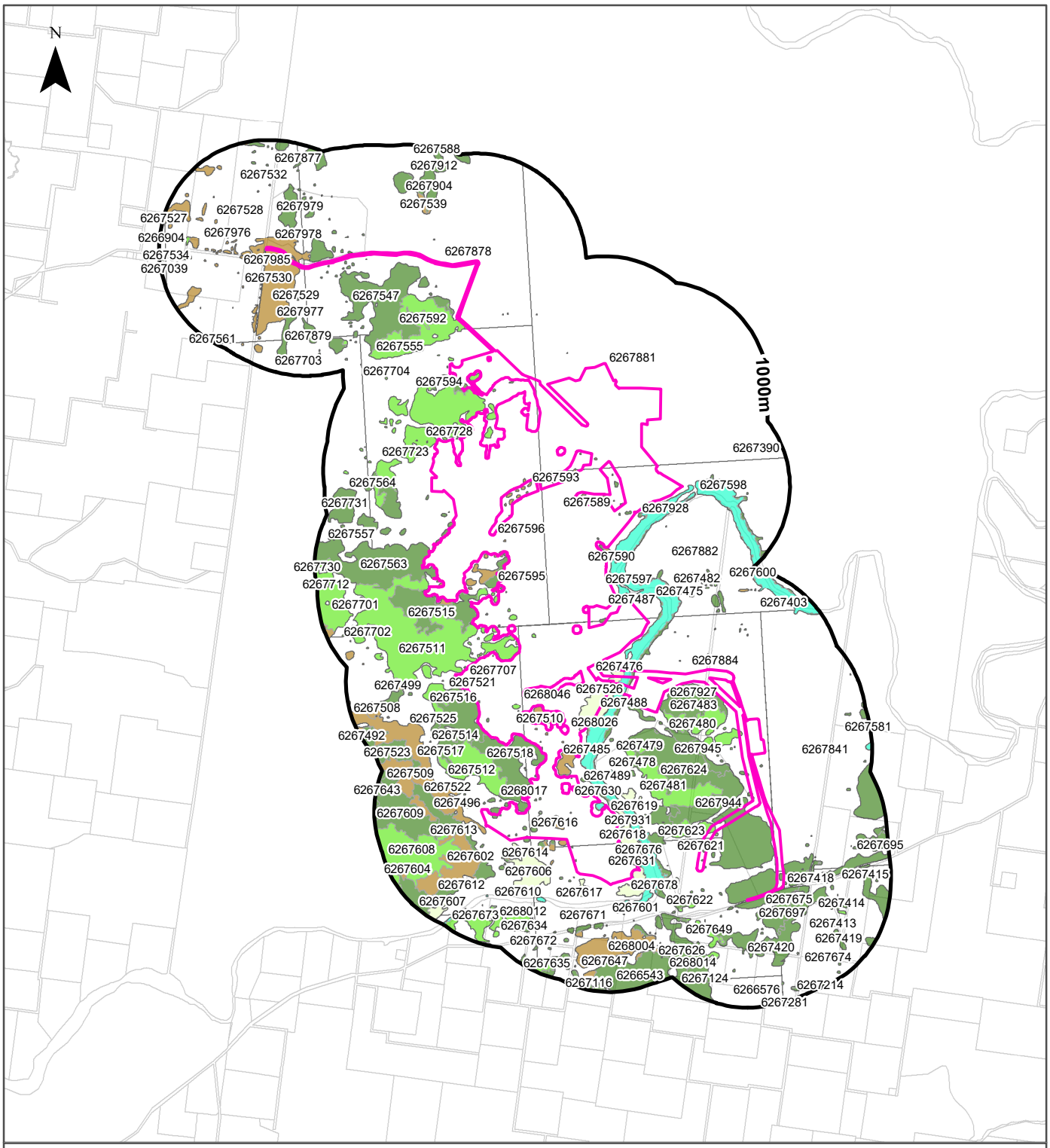
What are the nearest Bush Fire Prone Land Categories that exist within the dataset buffer?

Bush Fire Prone Land Category	Distance	Direction
Vegetation Category 1	0m	On-site
Vegetation Category 3	0m	On-site
Vegetation Category 2	0m	On-site
Vegetation Buffer	0m	On-site

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

Ecological Constraints - Vegetation & Ramsar Wetlands

1001 Canyonleigh Road, Brayton, NSW 2579



Site Boundary
ReportBuffer
Property Boundary
Ramsar Wetland

Native Vegetation

Alpine Complex
Arid Shrublands (Acacia sub-formation)
Arid Shrublands (Chenopod sub-formation)
Dry Sclerophyll Forests (Shrub/grass sub-formation)
Dry Sclerophyll Forests (Shrubby sub-formation)
Forested Wetlands
Freshwater Wetlands
Grasslands
Grassy Woodlands
Heathlands
Rainforests
Saline Wetlands
Semi-arid Woodlands (Grassy sub-formation)
Semi-arid Woodlands (Shrubby sub-formation)
Wet Sclerophyll Forests (Grassy sub-formation)
Wet Sclerophyll Forests (Shrubby sub-formation)
Non vegetated
Unattributed
Not classified
Other

Scale: 0 100200 400 600 800 1,000 1,200 1,400 1,600 1,800 2,000 2,200 2,400 2,600 2,800 Meters

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

Coordinate System: GDA 1994 MGA Zone 56

Date: 10 November 2025

Ecological Constraints

1001 Canyonleigh Road, Brayton, NSW 2579

Native Vegetation

What native vegetation exists within the dataset buffer?

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
6267476	Grasslands	(Grasslands) Southern Tableland Valley Flats Damp Grassland	Temperate Montane Grasslands	0m	On-site
6267485	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
6267486	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
6267510	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	0m	On-site
6267513	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	0m	On-site
6267516	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
6267518	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
6267521	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
6267526	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
6267530	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Grassy Box Woodland	Southern Tableland Grassy Woodlands	0m	On-site
6267591	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Grassy Box Woodland	Southern Tableland Grassy Woodlands	0m	On-site
6267594	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Bungonia Tableland Silvertop Ash-Stringybark Forest	South East Dry Sclerophyll Forests	0m	On-site
6267595	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Bungonia Tableland Silvertop Ash-Stringybark Forest	South East Dry Sclerophyll Forests	0m	On-site
6267596	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
6267598	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
6267601	Forested Wetlands	(Forested Wetlands) Central and Southern Tableland River Oak Forest	Eastern Riverine Forests	0m	On-site
6267616	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	0m	On-site
6267618	Grasslands	(Grasslands) Southern Tableland Valley Flats Damp Grassland	Temperate Montane Grasslands	0m	On-site
6267621	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	0m	On-site
6267623	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	0m	On-site
6267624	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
6267627	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
6267631	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
6267671	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6267674	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6267704	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6267707	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6267841	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6267878	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6267881	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6267882	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6267884	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6267906	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6267911	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6267915	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6267916	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6267918	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6267919	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6267923	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6267977	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6267982	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6268017	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6268046	Not classified	(Not classified) Not classified	Not classified	0m	On-site
6267480	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	0m	South East
6267483	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	0m	South East
6267511	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	0m	West
6267514	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Bungonia Tableland Silvertop Ash-Stringybark Forest	South East Dry Sclerophyll Forests	0m	South West
6267515	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Bungonia Tableland Silvertop Ash-Stringybark Forest	South East Dry Sclerophyll Forests	0m	West
6267547	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Bungonia Tableland Silvertop Ash-Stringybark Forest	South East Dry Sclerophyll Forests	0m	North West
6267555	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	0m	North West
6267563	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Bungonia Tableland Silvertop Ash-Stringybark Forest	South East Dry Sclerophyll Forests	0m	West
6267626	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	0m	South
6267630	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	0m	South
6267976	Not classified	(Not classified) Not classified	Not classified	0m	North West
6267590	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	4m	North East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
6267908	Not classified	(Not classified) Not classified	Not classified	7m	South East
6267477	Grasslands	(Grasslands) Southern Tableland Valley Flats Damp Grassland	Temperate Montane Grasslands	8m	South East
6267520	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	9m	South West
6267632	Forested Wetlands	(Forested Wetlands) Central and Southern Tableland River Oak Forest	Eastern Riverine Forests	10m	South
6267487	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	11m	East
6267593	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	13m	North
6267629	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	13m	South
6267473	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	17m	South East
6267693	Not classified	(Not classified) Not classified	Not classified	17m	South
6267599	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	18m	North East
6267676	Not classified	(Not classified) Not classified	Not classified	18m	South
6267683	Not classified	(Not classified) Not classified	Not classified	19m	South
6268051	Not classified	(Not classified) Not classified	Not classified	19m	South East
6267496	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Ribbon Gum Forest	Tableland Clay Grassy Woodlands	24m	South West
6267589	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	24m	North
6267680	Not classified	(Not classified) Not classified	Not classified	25m	South
6268026	Not classified	(Not classified) Not classified	Not classified	27m	South
6267614	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	30m	South
6267606	Grasslands	(Grasslands) Southern Tableland Valley Flats Damp Grassland	Temperate Montane Grasslands	31m	South
6268028	Not classified	(Not classified) Not classified	Not classified	34m	South
6268050	Not classified	(Not classified) Not classified	Not classified	35m	South East
6267490	Forested Wetlands	(Forested Wetlands) Central and Southern Tableland River Oak Forest	Eastern Riverine Forests	36m	East
6268032	Not classified	(Not classified) Not classified	Not classified	36m	South
6268016	Not classified	(Not classified) Not classified	Not classified	37m	South
6268025	Not classified	(Not classified) Not classified	Not classified	39m	South
6268027	Not classified	(Not classified) Not classified	Not classified	39m	South
6267684	Not classified	(Not classified) Not classified	Not classified	40m	South
6268033	Not classified	(Not classified) Not classified	Not classified	41m	South
6267488	Forested Wetlands	(Forested Wetlands) Central and Southern Tableland River Oak Forest	Eastern Riverine Forests	42m	South East
6267905	Not classified	(Not classified) Not classified	Not classified	44m	North West
6267617	Grasslands	(Grasslands) Southern Tableland Valley Flats Damp Grassland	Temperate Montane Grasslands	45m	South
6268052	Not classified	(Not classified) Not classified	Not classified	46m	South East
6267984	Not classified	(Not classified) Not classified	Not classified	47m	North West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
6268029	Not classified	(Not classified) Not classified	Not classified	47m	South
6268049	Not classified	(Not classified) Not classified	Not classified	47m	South East
6268048	Not classified	(Not classified) Not classified	Not classified	48m	South East
6268047	Not classified	(Not classified) Not classified	Not classified	49m	South East
6268055	Not classified	(Not classified) Not classified	Not classified	50m	South East
6267880	Not classified	(Not classified) Not classified	Not classified	54m	North
6268031	Not classified	(Not classified) Not classified	Not classified	56m	South
6268034	Not classified	(Not classified) Not classified	Not classified	58m	South
6268023	Not classified	(Not classified) Not classified	Not classified	60m	South
6268054	Not classified	(Not classified) Not classified	Not classified	60m	South East
6267677	Not classified	(Not classified) Not classified	Not classified	61m	South
6268019	Not classified	(Not classified) Not classified	Not classified	61m	South
6268053	Not classified	(Not classified) Not classified	Not classified	61m	South East
6268056	Not classified	(Not classified) Not classified	Not classified	62m	South
6268021	Not classified	(Not classified) Not classified	Not classified	63m	South
6267728	Not classified	(Not classified) Not classified	Not classified	64m	North West
6268018	Not classified	(Not classified) Not classified	Not classified	65m	South
6268020	Not classified	(Not classified) Not classified	Not classified	65m	South
6268022	Not classified	(Not classified) Not classified	Not classified	66m	South
6267987	Not classified	(Not classified) Not classified	Not classified	67m	North West
6268024	Not classified	(Not classified) Not classified	Not classified	67m	South
6267628	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	69m	South
6267928	Not classified	(Not classified) Not classified	Not classified	70m	North East
6267983	Not classified	(Not classified) Not classified	Not classified	71m	North West
6267927	Not classified	(Not classified) Not classified	Not classified	72m	South East
6267909	Not classified	(Not classified) Not classified	Not classified	73m	East
6267921	Not classified	(Not classified) Not classified	Not classified	76m	North East
6267985	Not classified	(Not classified) Not classified	Not classified	78m	North West
6267675	Not classified	(Not classified) Not classified	Not classified	79m	South East
6267725	Not classified	(Not classified) Not classified	Not classified	82m	North West
6267692	Not classified	(Not classified) Not classified	Not classified	84m	South
6267978	Not classified	(Not classified) Not classified	Not classified	89m	North West
6267519	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	91m	South West
6267420	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	94m	South East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
6267588	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	94m	North West
6267688	Not classified	(Not classified) Not classified	Not classified	94m	South
6267933	Not classified	(Not classified) Not classified	Not classified	97m	South
6267611	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	99m	South
6267931	Not classified	(Not classified) Not classified	Not classified	104m	South
6267938	Not classified	(Not classified) Not classified	Not classified	104m	South
6267936	Not classified	(Not classified) Not classified	Not classified	108m	South
6267512	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	111m	South West
6267939	Not classified	(Not classified) Not classified	Not classified	111m	South
6267934	Not classified	(Not classified) Not classified	Not classified	113m	South
6267597	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	115m	East
6267932	Not classified	(Not classified) Not classified	Not classified	115m	South
6267475	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	118m	East
6267930	Not classified	(Not classified) Not classified	Not classified	121m	South
6267619	Grasslands	(Grasslands) Southern Tableland Valley Flats Damp Grassland	Temperate Montane Grasslands	124m	South
6267935	Not classified	(Not classified) Not classified	Not classified	125m	South
6267937	Not classified	(Not classified) Not classified	Not classified	130m	South
6267613	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	146m	South West
6267944	Not classified	(Not classified) Not classified	Not classified	154m	South East
6267682	Not classified	(Not classified) Not classified	Not classified	155m	South
6267696	Not classified	(Not classified) Not classified	Not classified	170m	South East
6267709	Not classified	(Not classified) Not classified	Not classified	174m	North West
6267711	Not classified	(Not classified) Not classified	Not classified	175m	North West
6267678	Not classified	(Not classified) Not classified	Not classified	182m	South
6267622	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	196m	South East
6267697	Not classified	(Not classified) Not classified	Not classified	196m	South East
6267602	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	199m	South
6267517	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	207m	South West
6267481	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	208m	South East
6267489	Forested Wetlands	(Forested Wetlands) Central and Southern Tableland River Oak Forest	Eastern Riverine Forests	212m	South
6268030	Not classified	(Not classified) Not classified	Not classified	221m	South West
6267745	Not classified	(Not classified) Not classified	Not classified	229m	South West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
6267592	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Burragorang Gorges Felsic Stringybark Forest	Central Gorge Dry Sclerophyll Forests	230m	North West
6267529	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Frost Hollow Grassy Woodland	Tableland Clay Grassy Woodlands	236m	North West
6267723	Not classified	(Not classified) Not classified	Not classified	238m	North West
6267648	Grasslands	(Grasslands) Southern Tableland Valley Flats Damp Grassland	Temperate Montane Grasslands	240m	South
6267914	Not classified	(Not classified) Not classified	Not classified	242m	North West
6267418	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	243m	South East
6267650	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	253m	South East
6267479	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	282m	South East
6267649	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	286m	South East
6267525	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	299m	South West
6267608	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	315m	South West
6267925	Not classified	(Not classified) Not classified	Not classified	324m	East
6267478	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	334m	South East
6267484	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	343m	East
6267620	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	343m	South East
6267474	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	353m	East
6267522	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	366m	South West
6267531	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Grassy Box Woodland	Southern Tableland Grassy Woodlands	377m	North West
6267539	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Grassy Box Woodland	Southern Tableland Grassy Woodlands	380m	North
6267625	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	383m	South East
6267945	Not classified	(Not classified) Not classified	Not classified	393m	South East
6267647	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	394m	South
6267946	Not classified	(Not classified) Not classified	Not classified	397m	South East
6267609	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	402m	South West
6267941	Not classified	(Not classified) Not classified	Not classified	402m	South East
6267943	Not classified	(Not classified) Not classified	Not classified	403m	South East
6267509	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	413m	South West
6267499	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Grassy Box Woodland	Southern Tableland Grassy Woodlands	416m	West
6267528	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Frost Hollow Grassy Woodland	Tableland Clay Grassy Woodlands	420m	North West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
6267979	Not classified	(Not classified) Not classified	Not classified	441m	North West
6267942	Not classified	(Not classified) Not classified	Not classified	445m	South East
6267910	Not classified	(Not classified) Not classified	Not classified	450m	North West
6267482	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	451m	East
6267603	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	451m	South West
6267564	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	459m	North West
6267610	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	471m	South
6268011	Not classified	(Not classified) Not classified	Not classified	483m	South
6267703	Not classified	(Not classified) Not classified	Not classified	491m	North West
6267904	Not classified	(Not classified) Not classified	Not classified	518m	North
6267414	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	529m	South East
6267672	Not classified	(Not classified) Not classified	Not classified	531m	South
6267701	Not classified	(Not classified) Not classified	Not classified	537m	West
6268007	Not classified	(Not classified) Not classified	Not classified	540m	South
6267702	Not classified	(Not classified) Not classified	Not classified	545m	West
6268003	Not classified	(Not classified) Not classified	Not classified	547m	South
6267413	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	556m	South East
6267415	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Wollondilly-Shoalhaven Quartz Hills Forest	South East Dry Sclerophyll Forests	560m	South East
6267612	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	576m	South
6268000	Not classified	(Not classified) Not classified	Not classified	577m	South
6268004	Not classified	(Not classified) Not classified	Not classified	584m	South
6267634	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	594m	South
6267879	Not classified	(Not classified) Not classified	Not classified	610m	North West
6268012	Not classified	(Not classified) Not classified	Not classified	615m	South
6267419	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	623m	South East
6266543	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Wollondilly-Shoalhaven Quartz Hills Forest	South East Dry Sclerophyll Forests	657m	South
6267524	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	657m	South West
6267523	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	684m	South West
6267532	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Grassy Box Woodland	Southern Tableland Grassy Woodlands	684m	North West
6267508	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Frost Hollow Grassy Woodland	Tableland Clay Grassy Woodlands	686m	South West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
6267557	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	696m	West
6267651	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Wollondilly-Shoalhaven Quartz Hills Forest	South East Dry Sclerophyll Forests	697m	South
6267994	Not classified	(Not classified) Not classified	Not classified	704m	South
6267534	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	712m	North West
6266576	Not classified	(Not classified) Not classified	Not classified	715m	South East
6267724	Not classified	(Not classified) Not classified	Not classified	719m	West
6268010	Not classified	(Not classified) Not classified	Not classified	728m	South
6268013	Not classified	(Not classified) Not classified	Not classified	731m	South
6267673	Not classified	(Not classified) Not classified	Not classified	738m	South
6268014	Not classified	(Not classified) Not classified	Not classified	752m	South
6267390	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	767m	North East
6267708	Not classified	(Not classified) Not classified	Not classified	778m	West
6267727	Not classified	(Not classified) Not classified	Not classified	779m	South West
6267999	Not classified	(Not classified) Not classified	Not classified	781m	South
6267607	Grasslands	(Grasslands) Southern Tableland Valley Flats Damp Grassland	Temperate Montane Grasslands	784m	South
6267403	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	794m	East
6267731	Not classified	(Not classified) Not classified	Not classified	812m	West
6267124	Not classified	(Not classified) Not classified	Not classified	819m	South
6267877	Not classified	(Not classified) Not classified	Not classified	821m	North West
6267604	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Box-Gum Grassy Forest	Southern Tableland Grassy Woodlands	827m	South West
6267912	Not classified	(Not classified) Not classified	Not classified	835m	North
6267125	Not classified	(Not classified) Not classified	Not classified	853m	South
6267713	Not classified	(Not classified) Not classified	Not classified	853m	West
6267492	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Frost Hollow Grassy Woodland	Tableland Clay Grassy Woodlands	862m	South West
6267635	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	865m	South
6267712	Not classified	(Not classified) Not classified	Not classified	868m	West
6267643	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Bungonia Tableland Silvertop Ash-Stringybark Forest	South East Dry Sclerophyll Forests	882m	South West
6267652	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	883m	South
6267116	Not classified	(Not classified) Not classified	Not classified	886m	South
6267726	Not classified	(Not classified) Not classified	Not classified	886m	South West
6267730	Not classified	(Not classified) Not classified	Not classified	886m	West
6266544	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Wollondilly-Shoalhaven Quartz Hills Forest	South East Dry Sclerophyll Forests	892m	South East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
6267740	Not classified	(Not classified) Not classified	Not classified	897m	West
6267121	Not classified	(Not classified) Not classified	Not classified	901m	South
6267695	Not classified	(Not classified) Not classified	Not classified	914m	South East
6267493	Grassy Woodlands	(Grassy Woodlands) Goulburn Tableland Frost Hollow Grassy Woodland	Tableland Clay Grassy Woodlands	930m	South West
6267600	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	937m	East
6266904	Not classified	(Not classified) Not classified	Not classified	938m	North West
6267039	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Wollondilly-Shoalhaven Slopes Grassy Open Forest	Central Gorge Dry Sclerophyll Forests	939m	North West
6267214	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Bungonia Tableland Scribbly Gum Shrub Forest	Southern Tableland Dry Sclerophyll Forests	939m	South East
6267120	Not classified	(Not classified) Not classified	Not classified	944m	South
6267504	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Bungonia Tableland Silvertop Ash-Stringybark Forest	South East Dry Sclerophyll Forests	949m	South West
6267561	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Bungonia Tableland Silvertop Ash-Stringybark Forest	South East Dry Sclerophyll Forests	951m	North West
6267581	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Snow Gum-Candlebark Shrub Forest	Southern Tableland Dry Sclerophyll Forests	954m	South East
6266577	Not classified	(Not classified) Not classified	Not classified	959m	South
6267940	Not classified	(Not classified) Not classified	Not classified	967m	South East
6267527	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Grassy Box Woodland	Southern Tableland Grassy Woodlands	971m	North West
6267720	Not classified	(Not classified) Not classified	Not classified	982m	West
6267993	Not classified	(Not classified) Not classified	Not classified	986m	South
6267281	Not classified	(Not classified) Not classified	Not classified	989m	South 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

1001 Canyonleigh Road, Brayton, NSW 2579

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

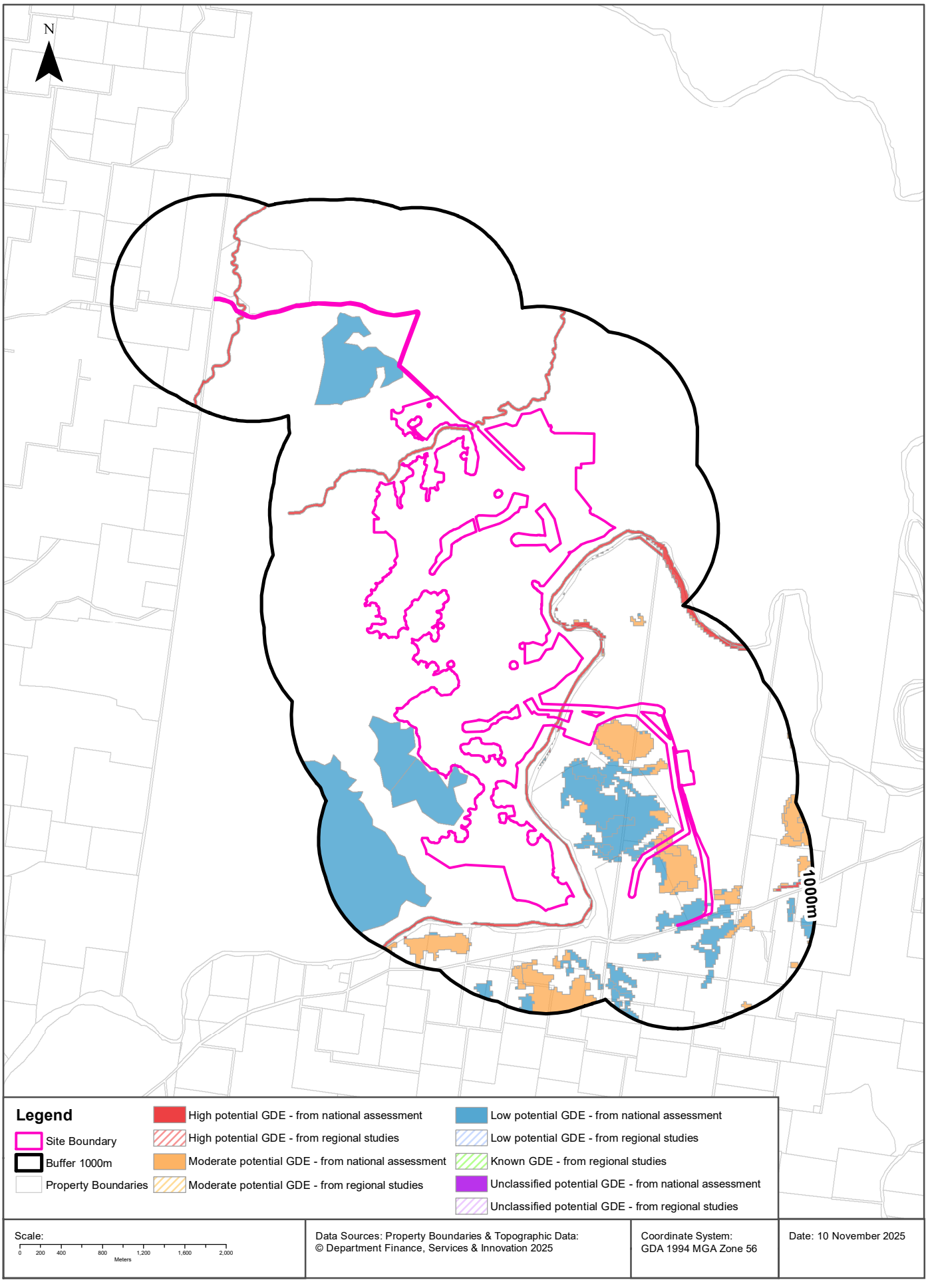
Protected areas in marine environments identified by the CAPAD within the dataset buffer:

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 - Groundwater Dependent Ecosystems Atlas

1001 Canyonleigh Road, Brayton, NSW 2579



Ecological Constraints

1001 Canyonleigh Road, Brayton, NSW 2579

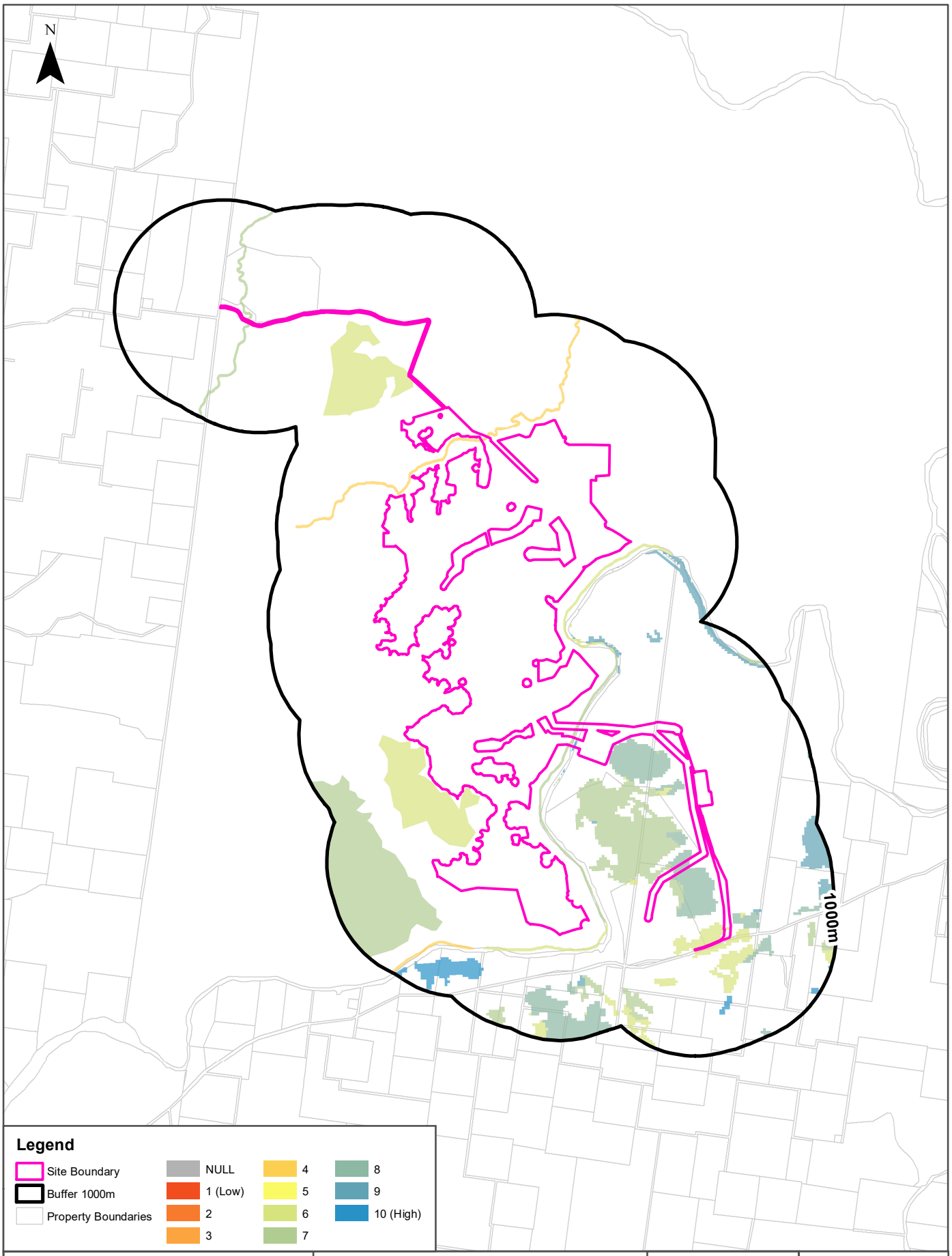
Groundwater Dependent Ecosystems Atlas

Type	GDE Potential	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
Terrestrial	Low potential GDE - from national assessment	Deeply dissected sandstone plateaus.	Vegetation		0m	On-site
Aquatic	High potential GDE - from national assessment	Deeply dissected sandstone plateaus.	River		0m	On-site
Terrestrial	Low potential GDE - from national assessment	Deeply dissected sandstone plateaus.	Vegetation	Fractured rock	0m	On-site
Terrestrial	Moderate potential GDE - from national assessment	Deeply dissected sandstone plateaus.	Vegetation	Fractured rock	0m	On-site
Terrestrial	High potential GDE - from national assessment	Deeply dissected sandstone plateaus.	Vegetation	Fractured rock	0m	On-site

Groundwater Dependent Ecosystems Atlas Data Source: The Bureau of Meteorology
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Ecological Constraints - Inflow Dependent Ecosystems Likelihood

1001 Canyonleigh Road, Brayton, NSW 2579



Ecological Constraints

1001 Canyonleigh Road, Brayton, NSW 2579

Inflow Dependent Ecosystems Likelihood

Type	IDE Likelihood	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
Terrestrial	6	Deeply dissected sandstone plateaus.	Vegetation	Fractured rock	0m	On-site
Aquatic	7	Deeply dissected sandstone plateaus.	River		0m	On-site
Aquatic	4	Deeply dissected sandstone plateaus.	River		0m	On-site
Aquatic	10	Deeply dissected sandstone plateaus.	River		0m	On-site
Terrestrial	7	Deeply dissected sandstone plateaus.	Vegetation	Fractured rock	0m	On-site
Terrestrial	8	Deeply dissected sandstone plateaus.	Vegetation	Fractured rock	0m	On-site
Terrestrial	6	Deeply dissected sandstone plateaus.	Vegetation		0m	On-site
Terrestrial	5	Deeply dissected sandstone plateaus.	Vegetation	Fractured rock	0m	On-site
Aquatic	6	Deeply dissected sandstone plateaus.	River		58m	East
Terrestrial	9	Deeply dissected sandstone plateaus.	Vegetation	Fractured rock	102m	East
Terrestrial	10	Deeply dissected sandstone plateaus.	Vegetation	Fractured rock	149m	South
Aquatic	9	Deeply dissected sandstone plateaus.	River		170m	East
Terrestrial	7	Deeply dissected sandstone plateaus.	Vegetation		203m	South West

Inflow Dependent Ecosystems Likelihood Data Source: The Bureau of Meteorology

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Ecological Constraints

1001 Canyonleigh Road, Brayton, NSW 2579

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	Pseudophryne australis	Red-crowned Toadlet	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Aphelocephala leucopsis	Southern Whiteface	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Aves	Artamus cyanopterus cyanopterus	Dusky Woodswallow	Not Sensitive	Vulnerable	Not Listed	
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	Climacteris picumnus victoriae	Brown Treecreeper (eastern subspecies)	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Aves	Daphoenositta chrysoptera	Varied Sittella	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	Ninox connivens	Barking Owl	Category 3	Vulnerable	Not Listed	
Animalia	Aves	Ninox strenua	Powerful Owl	Category 3	Vulnerable	Not Listed	
Animalia	Aves	Pachycephala olivacea	Olive Whistler	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	Pyrrholaemus sagittatus	Speckled Warbler	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Stagonopleura guttata	Diamond Firetail	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Insecta	Keyacris scurra	Key's Matchstick Grasshopper	Not Sensitive	Endangered	Endangered	
Animalia	Mammalia	Chalinolobus dwyeri	Large-eared Pied Bat	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	
Animalia	Mammalia	Miniopterus australis	Little Bent-winged Bat	Not Sensitive	Vulnerable	Not Listed	

Kingdom	Class	Scientific	Common	Sensitivity Class	State Conservation Status	Federal Conservation Status	Migratory Species Agreements
Animalia	Mammalia	Miniopterus orianae oceanensis	Large Bent-winged Bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Myotis macropus	Southern Myotis	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Petauroides volans	Southern Greater Glider	Not Sensitive	Endangered	Endangered	
Animalia	Mammalia	Petaurus australis	Yellow-bellied Glider	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Mammalia	Petrogale penicillata	Brush-tailed Rock-wallaby	Not Sensitive	Endangered	Vulnerable	
Animalia	Mammalia	Phascolarctos cinereus	Koala	Not Sensitive	Endangered	Endangered	
Animalia	Mammalia	Pteropus poliocephalus	Grey-headed Flying-fox	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Mammalia	Saccolaimus flaviventris	Yellow-bellied Sheathtail-bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Scoteanax rueppellii	Greater Broad-nosed Bat	Not Sensitive	Vulnerable	Not Listed	
Plantae	Flora	Acacia bynoeana	Bynoe's Wattle	Not Sensitive	Endangered	Vulnerable	
Plantae	Flora	Amperea xiphoclada var. pedicellata		Not Sensitive	Extinct	Extinct	
Plantae	Flora	Baloskion longipes	Dense Cord-rush	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Brachyscome mittagongensis		Not Sensitive	Endangered	Not Listed	
Plantae	Flora	Carex klaphakei	Klaphake's Sedge	Not Sensitive	Endangered	Not Listed	
Plantae	Flora	Eucalyptus aggregata	Black Gum	Not Sensitive	Endangered Population, Vulnerable	Vulnerable	
Plantae	Flora	Eucalyptus aggregata	Black Gum	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Eucalyptus aquatica	Broad-leaved Sally	Not Sensitive	Critically Endangered	Critically Endangered	
Plantae	Flora	Eucalyptus macarthurii	Paddy's River Box	Not Sensitive	Endangered	Endangered	
Plantae	Flora	Galium australe	Tangled Bedstraw	Not Sensitive	Endangered	Not Listed	
Plantae	Flora	Genoplesium plumosum	Tallong Midge Orchid	Category 2	Critically Endangered	Endangered	
Plantae	Flora	Gentiana wingecarribiensis	Wingecarribee Gentian	Category 3	Critically Endangered	Endangered	
Plantae	Flora	Kunzea cambagei	Cambage Kunzea	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Leucochrysum albicans subsp. tricolor	Hoary Sunray	Not Sensitive	Endangered	Endangered	
Plantae	Flora	Persoonia mollis subsp. revoluta		Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Persoonia oxycoccoides		Not Sensitive	Endangered	Endangered	
Plantae	Flora	Phyllota humifusa	Dwarf Phyllota	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Pomaderris brunnea	Brown Pomaderris	Not Sensitive	Endangered	Vulnerable	

Source: NSW BioNet Species Sightings

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Location Confidences

Where Lotsearch has had to georeference features from supplied addresses, a location confidence has been assigned to the data record. This indicates a confidence to the positional accuracy of the feature. Where applicable, a code is given under the field heading “LC” or “LocConf”. These codes lookup to the following location confidences:

LC Code	Location Confidence
Premise Match	Georeferenced to the site location / premise or part of site
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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