

Preliminary Site Investigation

182-186 Gertrude Street, North
Gosford

80021001



Prepared for
Lindfield Group Pty Ltd

27 October 2022



now



Contact Information

Cardno (NSW/ACT) Pty Ltd

ABN 95 001 145 035

Level 9 - The Forum

203 Pacific Highway

St Leonards NSW 2065

Australia

www.cardno.com

Phone +61 2 9496 7700

Fax +61 2 9439 5170

Document Information

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Author(s):

Erin Millar

Experienced Environmental Engineer

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Approved By:

Terence Huang

Project Manager

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Abbreviations and Units

BTEXN	Benzene, Toluene, Ethyl-benzene, Xylenes and Naphthalene
CHC	Chlorinated Hydrocarbons
MAH	Monocyclic Aromatic Hydrocarbons
OCP	Organochlorine Pesticides
OPP	Organophosphate Pesticides
PAHs	Polycyclic Aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls
SVOC	Semi-Volatile Organic Compounds
TDS	Total Dissolved Solids
TOC	Total Organic Carbon
TPH	Total Petroleum Hydrocarbons
TRH	Total Recoverable Hydrocarbons
VOC	Volatile Organic Compounds
VHC	Volatile Halogenated Compounds

Technical Terms

AASS	Actual Acid Sulfate Soil
ABC	Ambient Background Concentration
ACL	Added Concentration Limit
ACM	Asbestos Containing Material
AGL	Above Ground Level
AHD	Australian Height Datum
AMG	Australian Map Grid
ANZECC	Australian and New Zealand Environment and Conservation Council
AST	Aboveground Storage Tank
BDL	Below Detection Limit
BGL	Below Ground Level
COC	Chain of Custody
CoPC	Contaminants of Potential Concern
DECC	Former Department of Environment and Climate Change NSW
DECCW	Former Department of Environment, Climate Change and Water
DNAPL	Dense Non-Aqueous Phase Liquid
DO	Dissolved Oxygen
DSI	Detailed Site Investigation
EC	Electrical Conductivity
EILs	Environmental Investigation Levels
EPA	Environment Protection Authority
EPL	Environment Protection Licence
GCMS	Gas Chromatograph - Mass Spectrometer
GME	Groundwater Monitoring Event
HILs	Health based Investigation Levels

LNAPL	Light Non-Aqueous Phase Liquid
LOR	Limit of Reporting
N/A	Not Applicable
NAPL	Non-Aqueous Phase Liquid
NEPM	National Environment Protection Measure
OEH	Office of Environment and Heritage
PID	Photo-ionisation Detector
PQL	Practical Quantitation Limit
PSH	Phase Separated Hydrocarbon
PSI	Preliminary Site Investigation
QA	Quality Assurance
QC	Quality Control
RL	Reduced Level
RPD	Relative Percentage Difference
UCL	Upper confidence Limit
UST	Underground Storage Tank

Units

Ha	Hectares
mBGS	Metres Below Ground Surface
mg/kg	Milligram per Kilogram (approximately equivalent to ppm)
mg/L	Milligram per Litre
mTOC	Metres below Top of Casing
ppb	Part per Billion
ppm	Parts per Million
µg/kg	Microgram per Kilogram (approximately equivalent to ppb)
µg/L	Microgram per Litre
µS/cm	Micro Siemens per Centimetre

1 Introduction

1.1 Background

Cardno (NSW/ACT) Pty Ltd (“Cardno”) was engaged by Lindfield Group Pty Ltd (“the Client”) to prepare a Preliminary Site Investigation (PSI) for 182-186 Gertrude St North Gosford, New South Wales (NSW) (“the Site”). The location of the site is shown in **Appendix A**.

1.2 Purpose and Objectives

The purpose of this PSI was to provide the Client with preliminary advice on the contamination status of the Site in support of a development application for the proposed residential redevelopment. The PSI reviews current and historical activities undertaken at the Site and provides a preliminary environmental assessment of the potential for soil and/or groundwater contamination to be present on the Site.

The objectives of the PSI are to:

- > Identify the potential for past or present activities at the Site and to the extent practicable surrounding the Site to cause contamination of soil / or groundwater at the Site
- > Identify potential areas and contaminants of concern at the Site
- > Identify potentially sensitive receptors and assess the potential for the protected beneficial uses of the land and groundwater to be impacted due to contamination
- > Assess the requirement, if any, for further environmental investigation to assess or make the Site suitable for the proposed land use.

1.3 Scope of Work

Cardno carried out the following scope of work to meet the objectives of the PSI:

- > Defined the Site, features and surrounds:
 - Listed the property title description and zoning
 - Defined site boundaries based on land title information
 - Defined site features including services, main buildings and other infrastructure
 - Defined topography, surface water flows and drainage
 - Identified nearby sensitive receivers
 - Reviewed regional and local geology and hydrogeology, including details on registered bores.
- > Assessed site conditions and the surrounding environment from the following sources:
 - Site inspection to confirm site features including visible evidence of fuel storage, cutting or filling of the site, subsidence, placement of wastes
 - Inspected the surrounding area (within approximately 200m of the Site for potential sources of soil or groundwater contamination
- > Completion of searches and review of historical information from the following sources:
 - Land titles
 - Aerial photographs
 - NSW EPA maintained registers
 - Available historical environmental reports prepared for the site
 - Assessment of the requirements (if any) for further investigations
- > Preparation of this report detailing the findings of the PSI and recommendations for further works.

2 Site Description

2.1 Site Definition

The Site is located at 182-186 Gertrude St North Gosford, NSW, approximately 87 km north of the Sydney Central Business District (CBD). The Site location is shown in **Figure 1** in **Appendix A** with Site details presented in Table 2-1.

Table 2-1 Site Identification

Item	Details
Site Address	182-186 Gertrude St North Gosford
Approximate Site Area (ha)	1850 m ²
Title Details	3 lots, 24/3/DP1591, 25/3/DP1591, 1/DP17128
Local Government Area	Gosford City Council
Current Site Use	The site is currently in use as a residential dwelling

2.2 Site Description

An inspection of the Site was undertaken on 13th July 2022. Details of observations made during the site inspection are provided in Table 2-2, with the location of site presented in **Figure 1, Appendix A**.

Table 2-2 Site Inspection

Item	Observations
Weather condition	Fine, sunny.
Site slope and drainage features	Site slopes down from east to west, with surveyed RL at the east approximately 40.42 m slopping towards the west to approximate RL of 32.27 m, at a degree of about 10 degrees.
Nearby surface water bodies	The Narara Creek is located approximate 900 m north of the site.
Site surface coverings	The site consists of the building footprint at the eastern half of the site, the remaining area are grass topsoil covered.
Surface soils	The site generally consists of the building footprint, with surface topsoils consisting of silty sands overlying residual silty clay.
Site cut and fill	Buildings were built on a cut and fill platform of up to 1.5m thick.
Buildings	The site consists of three single storey residential buildings.
Potential asbestos in building materials	Hazardous building materials were not observed during inspection, however a detailed survey was not undertaken. Given the age of the building, there is potential for hazardous materials to be present.
Manufacturing, industrial or chemical processes and infrastructure	Not observed on-site.
Fuel storage tanks (USTs/ASTs)	Not observed.
Dangerous goods	Not observed.
Solid waste deposition	Not observed.
Liquid waste disposal features	Not observed.
Evidence of previous site contamination investigations	Not observed.
Evidence of land contamination (staining or odours)	Not observed.
Evidence of groundwater contamination	Not observed on-site.

Item	Observations
Groundwater use	Not observed.
Vegetation	Appeared healthy.

2.3 Surrounding Land Uses

Land uses around the site are detailed in Table 2-3. The site and surrounding uses are illustrated in the Site Features Plan in **Figure 2** in **Appendix A**.

Table 2-3 Surrounding Land Use

Direction	Land Use or Activity
North	Residential
West	Residential
East	Gertrude Street – Road Surface
South	Residential

2.4 Regional Geology and Hydrogeology

Reference to the Geological Map of Gosford to Lake Macquarie (1:100,000) indicates that the site is underlain of Terrigal Formation (Rnt) at a shallow depth which comprises interbedded laminite, shale and quartz, to lithic-quartz sandstone. Based on findings of geotechnical investigation carried out at the same time, weathered shale bedrock is expected at depths of 0.5-1.5m at the eastern half of site, and 1.5-2.5m at the western half of the site.

Based on the findings of geotechnical investigation, the subsurface soil comprises silty clay, medium to high plasticity, brown, with sand and gravel, overlying weathered siltstone / sandstone bedrock

2.4.1 Groundwater Database

A search of the Water NSW Real Time Water Data Portal on 24th October 2022 identified nine (9) bores within a 1000m radius of the Site. Search results are contained in the Enviro Screen report attached in **Appendix B**.

Table 2-4 Groundwater Database Results

Groundwater Borehole ID	Authorised Purpose	Drilled Depth (m)	Standing Water Level (m)	Distance (m)
GW100343	Monitoring	73	5.5	513m, West
GW105399	Other	48.5	6.6	614m, North West
GW201677	Water Supply	205	7	657m, North
GW053790	Water Supply	42.7	No Record	700m, West
GW201179	Monitoring	16.2	3.05	735m, North West
GW201689	Monitoring	62	3.6	800m, North West
GW065029	Other	62	No Record	846m, North West
GW107812	Monitoring	5	2.53	910m, North
GW201054	Monitoring	10.5	1.5	916m, North

2.4.2 Acid Sulfate Soils

Based on the review of available Acid Sulfate Soil Risk Map, there is no known occurrence of acid sulphate soil materials at the Site. A review of the CSIRO National Acid Sulfate Soil Atlas indicates that there is an extremely low probability / very low confidence for exposing acid sulfate soils.

2.4.3 Salinity

Based on the Salinity Hazard Map generated using the NSW Office of Environment and Heritage (NSW OEH) soil data viewer, the occurrence of saline soil conditions at the Site is considered to be negligible.

2.5 EPA Records Search

2.5.1 List of Contaminated Sites Notified to the EPA

The EPA publishes a list of contaminated land notified under section 60 of the Contaminated Land Management Act 1997 (CLM Act). These have been assessed by the EPA as being contaminated, but may not always require regulation under the CLM Act.

A search of the list of Contaminated Sites Notified to the EPA on 9th September 2022 identified zero (0) notified sites within a 1,000m buffer of the Site. Search EPA records are shown in Appendix B.

Table 2-5 Contaminated Sites Notified to the EPA

Address/Location	Site Name	Status	Distance from Site (m)
No Records within 1000m buffer of the site			

2.6 Proposed Development

At the time of preparing this report, we understand that the proposed residential development includes:

- Demolition of the existing dwellings.
- Construction of proposed seven storey apartments with basements. Based on the information provided, it is anticipated that the proposed basement excavation will be up to 13m deep from the present slope ground.

3 Site History

3.1 Historical Business Directory Records

A review of the business directory records for the within a 150 m radius of the Site was undertaken for various years to assess the historical ownerships and the proximity of the Site. The business directory records from 1950 were reviewed.

Based on the available data, there are no historical businesses previously located in the surrounding area with the potential to cause contamination at the site. Historical businesses with the potential to cause contamination, i.e. petrol stations, have been identified as being located either down-gradient or cross-gradient of the Site.

3.2 Historical Aerial Photograph Review

Ten (10) historical aerial photographs dating back to 1941 are contained in the Lotsearch report attached in **Appendix B**. Site and around remain residential dwellings and no apparent changes since built.

3.3 Heritage Council

The Commonwealth, National and State Heritage Register did not identify sites with relevant significance within a of 200 m radius.

Table 3-1 Heritage Sites Listed in an LEP

Site Name	Significance	Distance
No Records within the buffer zone		

The location of the heritage items identified are summarised and presented with information contained in the Lotsearch report attached in **Appendix B**.

4 Preliminary Conceptual Site Model

Generally, a conceptual site model (CSM) provides an assessment of the fate and transport of COPCs relative to site specific, subsurface conditions with regard to their potential risk to human health and the environment. The CSM considers site specific factors including:

- > Source(s) of contamination
- > Identification of COPC associated with past (and present) source(s)
- > Vertical and lateral distribution of COPC including presence of LNAPL and/or DNAPL
- > Site specific lithologic information including soil type(s), depth to groundwater, effective porosity, and groundwater flow velocity
- > Actual or potential receptors considering both current and future land use both for the site and adjacent properties, and any sensitive ecological receptors.

Based on the information sourced in this Preliminary Site Investigation, a CSM has been developed and is outlined in **Table 4-1**, below. Additional details are included in the sections that follow as necessary.

Table 4-1 Land Use History and Activities

CSM Element	Description
Site History/Contaminant Sources	<p>Based on the review of historical information, Cardno has inferred that the site has undergone no land use changes since the initial use as residential dwellings.</p> <p>The results of the site history searches indicate that the site was utilised as vacant land from approximately 1941 (first aerial photograph) until approximately 1954 when the existing residential building appears to have been constructed on the Site. The site has remained occupied as a residential property until the present day. Due to the apparent age of the onsite building, it is likely that asbestos-containing materials (ACM) may be present in the original building materials.</p>
Site Current and Future Use	<p>The site is currently zoned as R1 – General residential purposes.</p> <p>It is understood that the proposed future land use will continue to be for residential apartment purposes.</p>
COPCs – Soil	<p>Cardno considers there to be potential for impacted soil on the Site due to the potential for uncontrolled fill to have been placed at the Site (and exposed within the front yard), and degradation of potential hazardous building materials given the age of the structure. COPC associated with the above can include:</p> <ul style="list-style-type: none"> ▪ Total Recoverable Hydrocarbons (TRH) ▪ Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) ▪ Polycyclic Aromatic Hydrocarbons (PAH) ▪ Heavy metals and metalloids ▪ Polycarbonate biphenyls (PCB) ▪ Organochlorine Pesticides (OCP) ▪ Phenols ▪ Asbestos
COPCs – Groundwater	<p>Groundwater is expected to be at deeper depth (>15m). Seepage is expected between the soil and weathered bedrock interface sections and bedrock defects to about 2m depth at the area. Variations in seepage flows may occur due to variations in rainfall duration and intensity.</p>
COPCs – Soil Vapour	<p>Cardno considers the potential impact of soil vapour on the Site to be of low risk based on the Site historically being used for residential purposes since 1954 and the absence of industries upgradient of the Site that represent sources of contamination.</p>
Potential Human Receptors (Onsite)	<p>Onsite potential human receptors include:</p> <p>Current and future occupants and future construction workers including builders.</p>
Potential Human Receptors (Offsite)	<p>There are not considered to be any potential offsite human receptors of the Site.</p>

4.2 Discussion

Based on the information sourced during preparation of this PSI, Cardno considers the potential risks to human health and the environment to be low to negligible. The Site has only been utilised for one use since at least 1954 as a residential property.

Cardno understands that the Site will continue to be used for high density residential purpose with minimal access to site soils following re-development. Based on the review of the site history and the proposed development, Cardno believes that low potential for COPCs to be present in concentrations at the site represent a significant risk of harm to site users.

At this time, additional assessment including an intrusive investigation is unlikely to be required. However, any soil proposed to be disposed off-site must be classified in accordance with the NSW EPA Waste Classification Guidelines (2014).

4.3 Data Gaps and Uncertainties

Cardno has not undertaken analysis of groundwater that may be present on site or exposed soils at the rear of the Site and the underlying groundwater.

5 Conclusions and Recommendations

Cardno has completed a Preliminary Site Investigation (PSI) for 182-186 Gertrude Street, North Gosford (the Site). The purpose of this assessment was to provide the Lindfield Group Pty Ltd, the “Client”, with preliminary advice on the contamination status of the Site to support a development application for the proposed residential redevelopment.

5.1 Summary of Contamination Potential

Based on the information reviewed relating to the site history and the site inspection, potential sources of contamination or potential areas of environmental concern identified included:

- > Soil on the Site potentially impacted due to the possibility for uncontrolled fill to have been historically placed at the Site;
- > Given the age of the residential dwellings and structures onsite, there may have be potential ACM or hazardous building materials used in dwellings;

Cardno considers it unlikely that contaminants of potential contaminants of concern are present; in site soils or groundwater, at concentrations that represent a potential risk to users of the site nor constrain the intended redevelopment.

6 References

- Chapman, G.A. and Murphy, C.L. (1989) Soil landscapes of the Sydney 1:100,000 sheet. Soil conservation service of NSW, Sydney.
- CSIRO. (2011) Atlas of Australian Acid Sulphate Soils.
- Guideline on the Investigation Levels for Soil and Groundwater' of the *National Environment Protection (Assessment of Site Contamination) Measure* (NEPM) 1999 (NEPC, 1999) as varied May 2013 (the 'NEPM 2013').
- Standards Australia (2005) *Australian Standard 4482.1-2005: Guide to the Investigation and Sampling of Sites with Potentially Contaminated Soil*.
- Herbert, C. (1983) Sydney 1:100 000 Geological Sheet 9130. Geological Survey of New South Wales, Sydney
- NSW EPA (2020) *Contaminated Sites: Consultants Reporting on Contaminated Land*. NSW Environment Protection Authority, Sydney. April 2020, updated May 2020.
- NSW EPA (2015) *Guidelines on the Duty to Report Contamination under the Contaminated Land Management Act 1997*. NSW Environment Protection Authority, Sydney. September 2015.
- NSW EPA (2017) *Contaminated Land Management: Guidelines for the NSW Site Auditor Scheme (3rd edition)*. NSW Environment Protection Authority, Sydney. October 2017.
- Office of Environment and Heritage (OEH) (2017) Acid sulfate soils. NSW Government, November 2017

7 Limitations

This assessment has been undertaken in general accordance with the current “industry standards” for a PSI for the purpose and objectives and scope identified in this report. These standards are set out in:

- > National Environment Protection (Assessment of Site Contamination) Measure (NEPM) 1999 (NEPC, 1999) as varied May 2013 (the ‘NEPM 2013’).
- > AS4482.1- 2005: Guide to the sampling and investigation of potentially contaminated soil Part 1: Non-volatile and semi-volatile compounds. Standards Australia (2005).

The agreed scope of this assessment has been limited for the current purposes of the Client. The assessment may not identify contamination occurring in all areas of the site, or occurring after sampling was conducted. Subsurface conditions may vary considerably away from the sample locations where information has been obtained.

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- > Conditions may exist which were undetectable given the limited nature of the enquiry Cardno was retained to undertake with respect to the site. Variations in conditions may occur between investigatory locations, and there may be special conditions pertaining to the site which have not been revealed by the investigation and which have not therefore been taken into account in the Document. Accordingly, additional studies and actions may be required.
- > In addition, it is recognised that the passage of time affects the information and assessment provided in this Document. Cardno’s opinions are based upon information that existed at the time of the production of the Document. It is understood that the services provided allowed Cardno to form no more than an opinion of the actual conditions of the site at the time this Document was prepared and cannot be used to assess the effect of any subsequent changes in the quality of the site, or its surroundings, or any laws or regulations.
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This assessment report is not any of the following:

- > A Site Audit Report or Site Audit Statement as defined under the *Contaminated Land Management Act, 1997*.
- > A Detailed ESA or Environmental Site Investigation sufficient for an Environmental Auditor to be able to conclude a Site Audit Report and Site Audit Statement.

- > A geotechnical report and the bore logs or test pit logs may not be sufficient as the basis for geotechnical advice.
- > A detailed hydrogeological assessment in conformance with NSW DEC (2007) Contaminated Sites: Guidelines for the Assessment and Management of Groundwater Contamination.
- > An assessment of groundwater contaminants potentially arising from other sites or sources nearby.

A total assessment of the site to determine suitability of the entire parcel of land at the site for one or more beneficial uses of land

APPENDIX

A

FIGURES

Site Diagram

182-186 Gertrude Street, North Gosford, NSW 2250



Legend <div><div></div> Site Boundary</div> <div><div></div> Internal Parcel Boundaries</div>	Total Area: 1850m ² Total Perimeter: 173m	
	Scale: 0 5 10 Meters	
	Data Source Aerial Imagery: © Aerometrex Pty Ltd	
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.	Coordinate System: GDA 1994 MGA Zone 56	Date: 24 October 2022

APPENDIX

B

BACKGROUND SEARCHES



LOTSEARCH

LOTSEARCH ENVIRO PROFESSIONAL

Date: 24 Oct 2022 13:22:49

Reference: LS037268 EP

Address: 182-186 Gertrude Street, North Gosford, NSW 2250

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	05/10/2022	05/10/2022	Quarterly	-	-	-	-
Topographic Data	NSW Department of Customer Service - Spatial Services	22/08/2022	22/08/2022	Annually	-	-	-	-
List of NSW contaminated sites notified to EPA	Environment Protection Authority	04/10/2022	12/09/2022	Monthly	1000m	0	0	0
Contaminated Land Records of Notice	Environment Protection Authority	29/09/2022	29/09/2022	Monthly	1000m	0	0	0
Former Gasworks	Environment Protection Authority	02/09/2022	14/07/2021	Quarterly	1000m	0	0	0
National Waste Management Facilities Database	Geoscience Australia	26/05/2022	07/03/2017	Annually	1000m	0	0	0
National Liquid Fuel Facilities	Geoscience Australia	23/08/2022	13/07/2012	Annually	1000m	0	0	0
EPA PFAS Investigation Program	Environment Protection Authority	04/10/2022	23/09/2021	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Investigation Sites	Department of Defence	06/10/2022	06/10/2022	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Management Sites	Department of Defence	06/10/2022	06/10/2022	Monthly	2000m	0	0	0
Airservices Australia National PFAS Management Program	Airservices Australia	06/10/2022	06/10/2022	Monthly	2000m	0	0	0
Defence 3 Year Regional Contamination Investigation Program	Department of Defence	02/09/2022	02/09/2022	Quarterly	2000m	0	0	0
EPA Other Sites with Contamination Issues	Environment Protection Authority	16/02/2022	13/12/2018	Annually	1000m	0	0	0
Licensed Activities under the POEO Act 1997	Environment Protection Authority	29/09/2022	29/09/2022	Monthly	1000m	0	0	2
Delicensed POEO Activities still regulated by the EPA	Environment Protection Authority	29/09/2022	29/09/2022	Monthly	1000m	0	0	3
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority	29/09/2022	29/09/2022	Monthly	1000m	0	0	5
UBD Business Directories (Premise & Intersection Matches)	Hardie Grant			Not required	150m	0	13	56
UBD Business Directories (Road & Area Matches)	Hardie Grant			Not required	150m	-	70	70
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Premise & Intersection Matches)	Hardie Grant			Not required	500m	0	0	18
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Road & Area Matches)	Hardie Grant			Not required	500m	-	1	13
Points of Interest	NSW Department of Customer Service - Spatial Services	19/10/2022	19/10/2022	Quarterly	1000m	0	0	46
Tanks (Areas)	NSW Department of Customer Service - Spatial Services	19/10/2022	19/10/2022	Quarterly	1000m	0	0	0
Tanks (Points)	NSW Department of Customer Service - Spatial Services	19/10/2022	19/10/2022	Quarterly	1000m	0	0	3
Major Easements	NSW Department of Customer Service - Spatial Services	29/08/2022	29/08/2022	Quarterly	1000m	0	0	34
State Forest	Forestry Corporation of NSW	16/08/2022	14/08/2022	Annually	1000m	0	0	0
NSW National Parks and Wildlife Service Reserves	NSW Office of Environment & Heritage	10/02/2022	31/12/2021	Annually	1000m	0	0	0
Hydrogeology Map of Australia	Commonwealth of Australia (Geoscience Australia)	29/08/2022	19/08/2019	Annually	1000m	1	1	1
Temporary Water Restriction (Botany Sands Groundwater Source) Order 2018	NSW Department of Planning, Industry and Environment	28/03/2022	23/02/2018	Annually	1000m	0	0	0
National Groundwater Information System (NGIS) Boreholes	Bureau of Meteorology; Water NSW	24/01/2022	24/01/2022	Annually	2000m	0	0	54

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
NSW Seamless Geology Single Layer: Rock Units	Department of Regional NSW	17/02/2022	01/05/2021	Annually	1000m	1	1	6
NSW Seamless Geology – Single Layer: Trendlines	Department of Regional NSW	17/02/2022	01/05/2021	Annually	1000m	0	0	0
NSW Seamless Geology – Single Layer: Geological Boundaries and Faults	Department of Regional NSW	17/02/2022	01/05/2021	Annually	1000m	0	0	0
Naturally Occurring Asbestos Potential	NSW Dept. of Industry, Resources & Energy	04/12/2015	24/09/2015	Unknown	1000m	0	0	0
Atlas of Australian Soils	Australian Bureau of Agriculture and Resource Economics and Sciences (ABARES)	19/05/2017	17/02/2011	As required	1000m	1	1	2
Soil Landscapes of Central and Eastern NSW	NSW Department of Planning, Industry and Environment	18/08/2022	27/07/2020	Annually	1000m	1	1	6
Environmental Planning Instrument Acid Sulfate Soils	NSW Department of Planning, Industry and Environment	11/10/2022	02/09/2022	Monthly	500m	2	-	-
Atlas of Australian Acid Sulfate Soils	CSIRO	19/01/2017	21/02/2013	As required	1000m	1	1	3
Dryland Salinity - National Assessment	National Land and Water Resources Audit	18/07/2014	12/05/2013	None planned	1000m	0	0	0
Mining Subsidence Districts	NSW Department of Customer Service - Subsidence Advisory NSW	19/08/2021	05/08/2021	Quarterly	1000m	0	0	0
Current Mining Titles	NSW Department of Industry	06/10/2022	06/10/2022	Monthly	1000m	0	0	0
Mining Title Applications	NSW Department of Industry	06/10/2022	06/10/2022	Monthly	1000m	0	0	0
Historic Mining Titles	NSW Department of Industry	06/10/2022	06/10/2022	Monthly	1000m	13	13	15
Environmental Planning Instrument SEPP State Significant Precincts	NSW Department of Planning, Industry and Environment	15/11/2021	07/12/2018	Monthly	1000m	0	0	0
Environmental Planning Instrument Land Zoning	NSW Department of Planning, Industry and Environment	15/11/2021	05/11/2021	Monthly	1000m	1	2	67
Commonwealth Heritage List	Australian Government Department of the Agriculture, Water and the Environment	03/06/2022	13/04/2022	Annually	1000m	0	0	0
National Heritage List	Australian Government Department of the Agriculture, Water and the Environment	03/06/2022	13/04/2022	Annually	1000m	0	0	0
State Heritage Register - Curtilages	NSW Department of Planning, Industry and Environment	18/10/2022	01/07/2022	Quarterly	1000m	0	0	0
Environmental Planning Instrument Local Heritage	NSW Department of Planning, Industry and Environment	11/10/2022	30/09/2022	Monthly	1000m	0	0	19
Bush Fire Prone Land	NSW Rural Fire Service	24/10/2022	08/08/2022	Weekly	1000m	0	1	3
Vegetation of Gosford LGA	Council of the City of Gosford / NSW Office of Environment and Heritage	08/12/2014	31/12/2009	Annually	1000m	1	1	10
Ramsar Wetlands of Australia	Australian Government Department of Agriculture, Water and the Environment	28/03/2022	19/03/2020	Annually	1000m	0	0	0
Groundwater Dependent Ecosystems	Bureau of Meteorology	14/08/2017	15/05/2017	Annually	1000m	0	1	3
Inflow Dependent Ecosystems Likelihood	Bureau of Meteorology	14/08/2017	15/05/2017	Unknown	1000m	0	2	9
NSW BioNet Species Sightings	NSW Office of Environment & Heritage	24/10/2022	24/10/2022	Weekly	10000m	-	-	-

Site Diagram

182-186 Gertrude Street, North Gosford, NSW 2250



Legend <div><div></div> Site Boundary</div> <div><div></div> Internal Parcel Boundaries</div>	Total Area: 1850m ² Total Perimeter: 173m		Scale: 0 5 10 Meters	
	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.		Data Source Aerial Imagery: © Aerometrex Pty Ltd	
	Coordinate System: GDA 1994 MGA Zone 56		Date: 24 October 2022	

Contaminated Land

182-186 Gertrude Street, North Gosford, NSW 2250

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

182-186 Gertrude Street, North Gosford, NSW 2250

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

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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

Waste Management & Liquid Fuel Facilities

182-186 Gertrude Street, North Gosford, NSW 2250

National Waste Management Site Database

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

Site Id	Owner	Name	Address	Suburb	Class	Landfill	Reprocess	Transfer	Comments	Loc Conf	Dist	Direction
N/A	No records in buffer											

Waste Management Facilities Data Source: Geoscience Australia
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

National Liquid Fuel Facilities

National Liquid Fuel Facilities within the dataset buffer:

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

National Liquid Fuel Facilities Data Source: Geoscience Australia
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

PFAS Investigation & Management Programs

182-186 Gertrude Street, North Gosford, NSW 2250

EPA PFAS Investigation Program

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

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

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

Defence PFAS Investigation Program

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

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

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

Defence PFAS Management Program

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

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

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

Airservices Australia National PFAS Management Program

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

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

Airservices Australia National PFAS Management Program Data Custodian: Airservices Australia

Defence Sites

182-186 Gertrude Street, North Gosford, NSW 2250

Defence 3 Year Regional Contamination Investigation Program

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

EPA Other Sites with Contamination Issues

182-186 Gertrude Street, North Gosford, NSW 2250

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

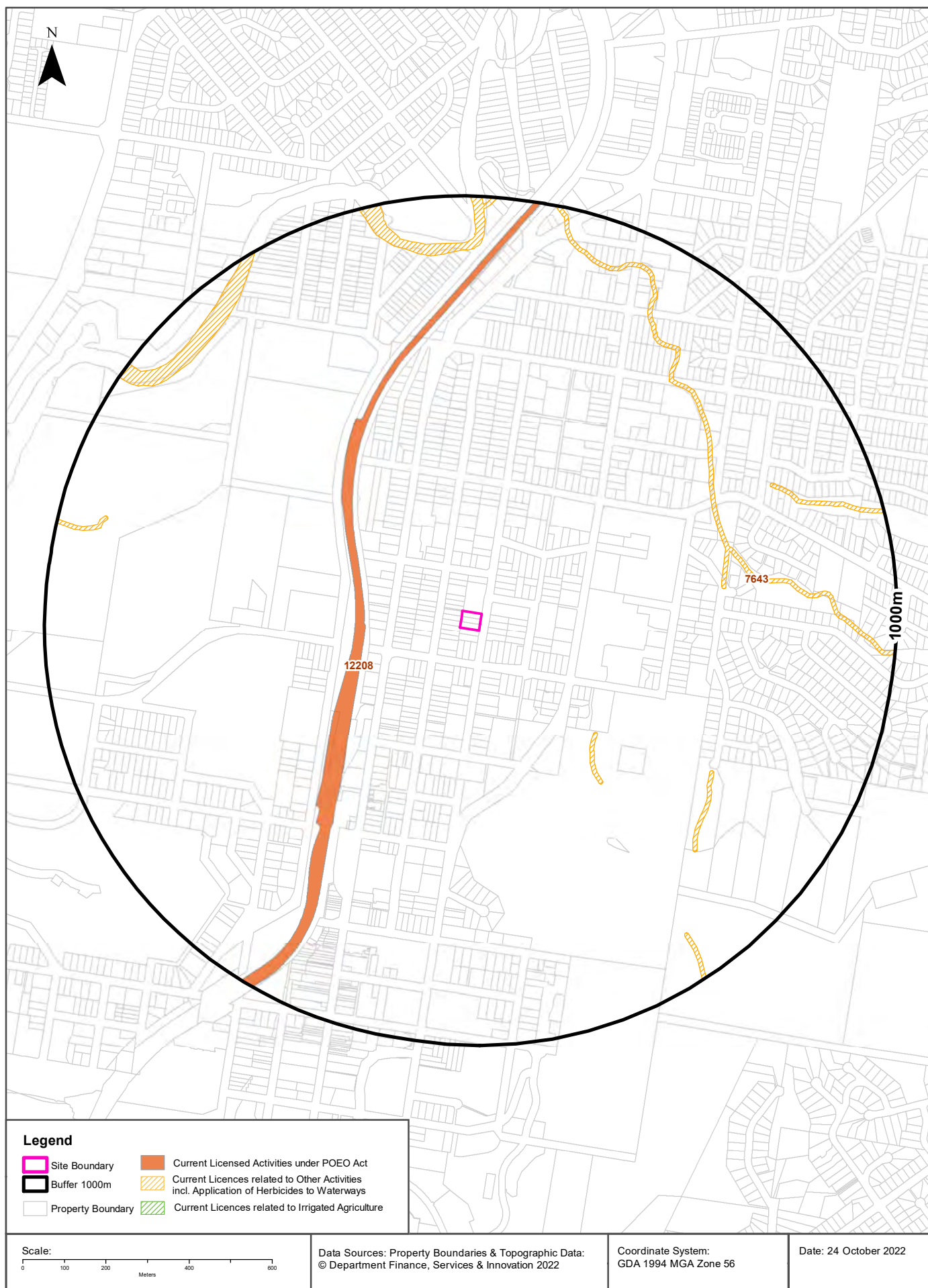
Sites within the dataset buffer:

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

Current EPA Licensed Activities

182-186 Gertrude Street, North Gosford, NSW 2250



EPA Activities

182-186 Gertrude Street, North Gosford, NSW 2250

Licensed Activities under the POEO Act 1997

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

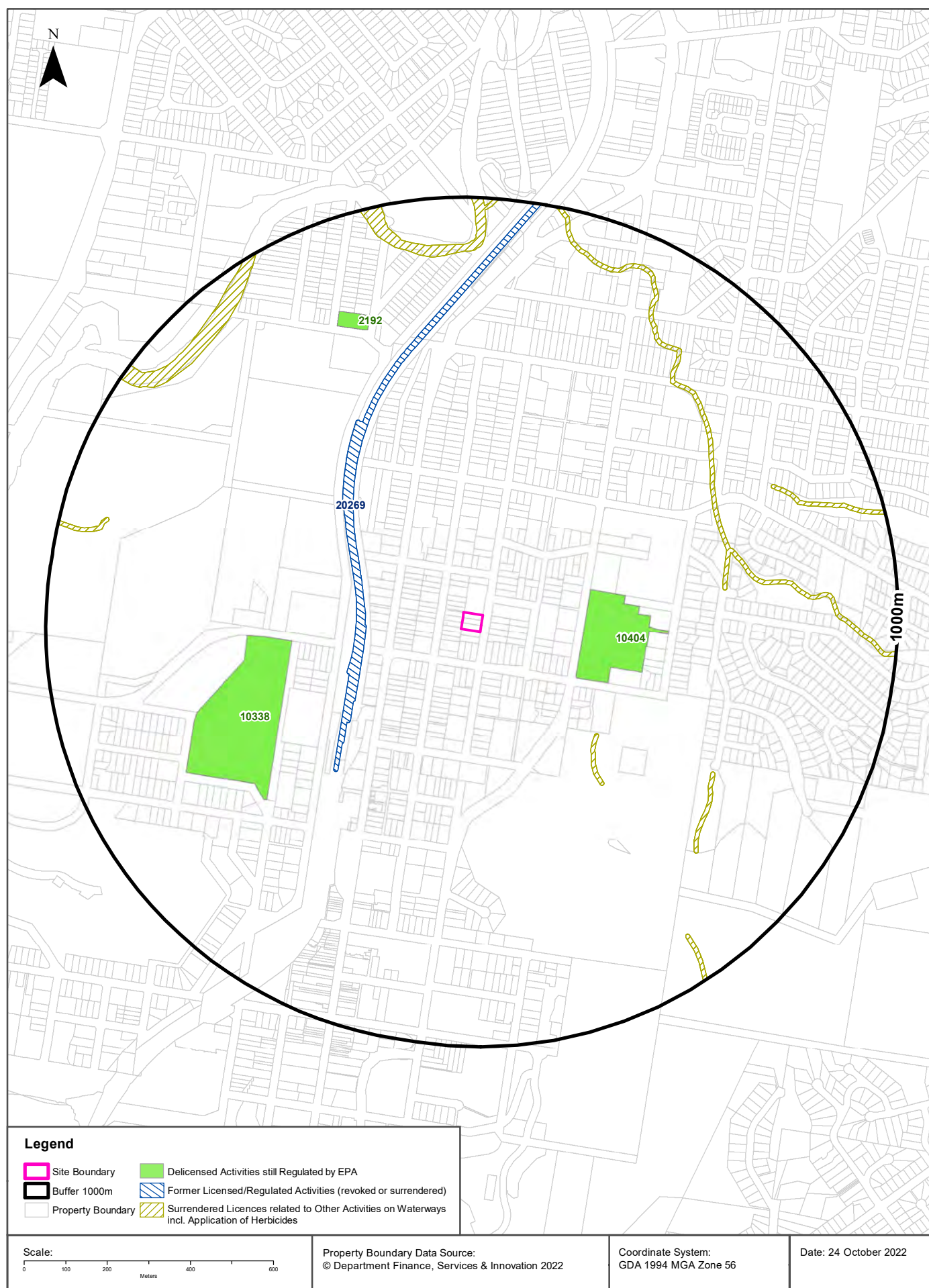
EPL	Organisation	Name	Address	Suburb	Activity	Loc Conf	Distance	Direction
12208	SYDNEY TRAINS		SYDNEY TRAINS, HAYMARKET, NSW 1238		Railway systems activities	Network of Features	229m	West
7643	Central Coast Council	THE WATERS WITHIN THE CENTRAL COAST LOCAL GOVERNMENT AREA	MULTIPLE WATERWAYS, CENTRAL COAST MC, NSW 2252	GOSFORD	Other activities	Network of Features	371m	North

POEO Licence Data Source: Environment Protection Authority

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Delicensed & Former Licensed EPA Activities

182-186 Gertrude Street, North Gosford, NSW 2250



EPA Activities

182-186 Gertrude Street, North Gosford, NSW 2250

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
10404	HEALTH CARE NORTH GOSFORD PTY LTD	NORTH GOSFORD PRIVATE HOSPITAL	9 BURRABIL AVENUE	GOSFORD	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	244m	East
10338	NORTHERN SYDNEY AND CENTRAL COAST AREA HEALTH SERVICE	GOSFORD HOSPITAL	HOLDEN STREET	GOSFORD	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	410m	South West
2192	HANSON CONSTRUCTION MATERIALS PTY LTD	HANSON CONSTRUCTION MATERIALS PTY LTD	CNR KIRRAWEE ROAD & GLENNIE STREET	NORTH GOSFORD	Concrete works	Premise Match	719m	North

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

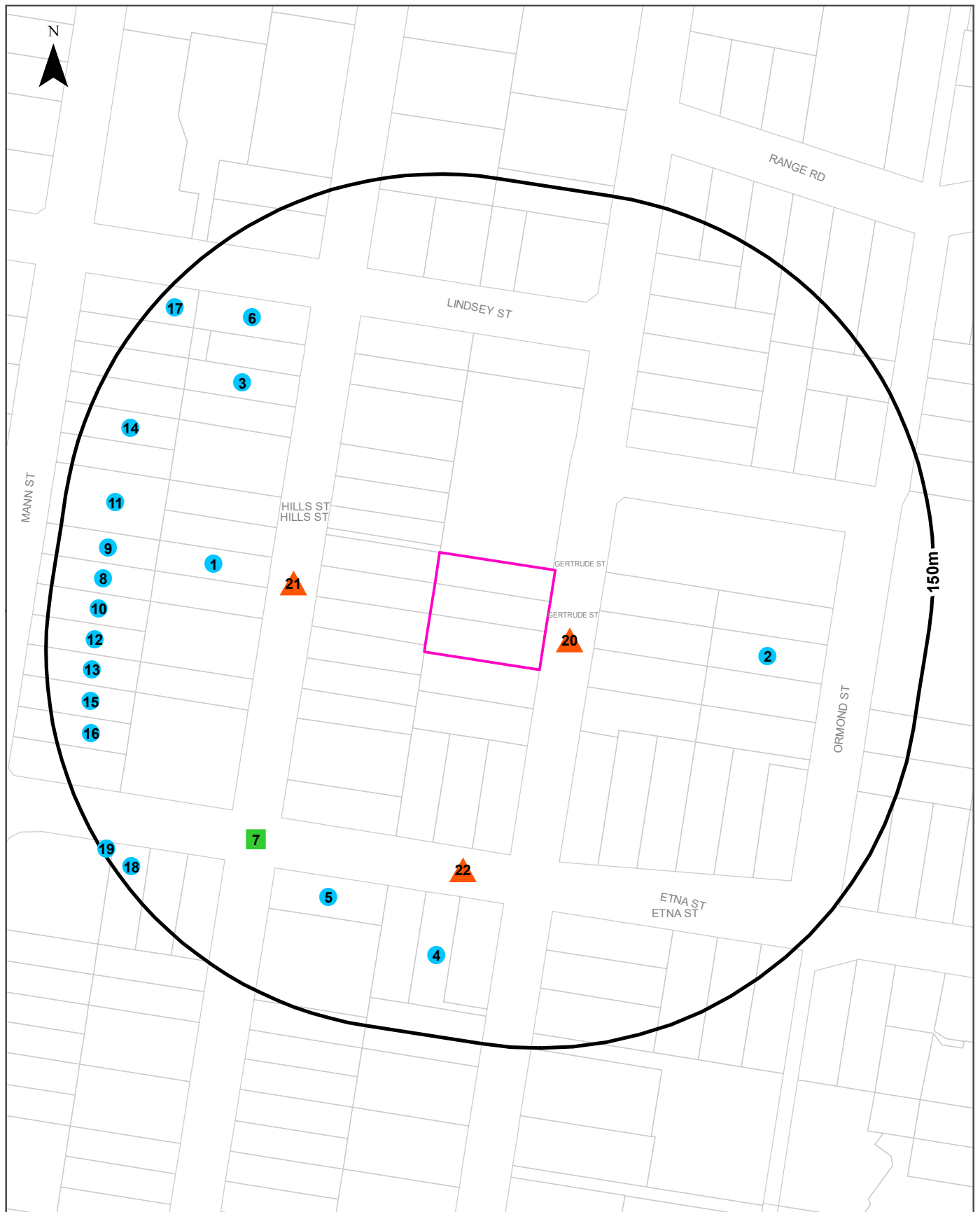
Former Licensed activities under the Protection of the Environment Operations Act 1997, now revoked or surrendered, within the dataset buffer:

Licence No	Organisation	Location	Status	Issued Date	Activity	Loc Conf	Distance	Direction
20269	DOWNER EDI WORKS PTY LTD	Gosford Passing Loops Project, Main North Line Corridor - 2km section between Gosford and Narara Stations, GOSFORD	Surrendered	14/05/2013	Crushing, grinding or separating	Network of Features	229m	North West
20269	DOWNER EDI WORKS PTY LTD	Gosford Passing Loops Project, Main North Line Corridor - 2km section between Gosford and Narara Stations, GOSFORD	Surrendered	14/05/2013	Railway systems activities	Network of Features	229m	North West
4653	LUHRMANN ENVIRONMENT MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW	Surrendered	06/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	371m	North
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	371m	North
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	371m	North

Former Licensed Activities Data Source: Environment Protection Authority
© State of New South Wales through the Environment Protection Authority

Historical Business Directories

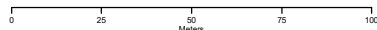
182-186 Gertrude Street, North Gosford, NSW 2250



Legend

- Site Boundary
- Buffer 150m
- Property Boundary
- Business directory records mapped to a specific premise
- Business directory records mapped to a road intersection
- ▲ Business directory records mapped to a road corridor
- Business directory records mapped to a general area

Scale:



Coordinate System:
GDA 1994 MGA Zone 56

Date: 24 October 2022

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

Historical Business Directories

182-186 Gertrude Street, North Gosford, NSW 2250

Business Directory Records 1950-1982 Premise or Road Intersection Matches

Universal Business Directory records from years 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
1	MEDICAL PRACTITIONERS	Andrews, C. J., 40 Hills St., Gosford 2250	124530	1982	Premise Match	65m	West
	MEDICAL PRACTITIONERS	Bliss, D. W., 40 Hills St., Gosford 2250	124536	1982	Premise Match	65m	West
2	ACCOUNTANTS & AUDITORS	Hamer, H. A., and Co., 6 Ormond St., North Gosford	203177	1961	Premise Match	65m	East
3	BUILDERS &/OR BUILDING CONTRACTORS	Krestensen, E. D., 52 Hill St. Gosford 2250	537970	1970	Premise Match	81m	North West
	CONCRETE CONTRACTORS-CONSTRUCTIONAL	Krestensen, E. D., 52 Hill St. Gosford 2250	538076	1970	Premise Match	81m	North West
	BUILDERS & CONTRACTORS	Krestensen, E. D., 52 Hill St., Gosford	203366	1961	Premise Match	81m	North West
	CARPENTERS	Krestensen, E. D., 52 Hill St., Gosford	203452	1961	Premise Match	81m	North West
	CONCRETE CONTRACTORS-CONSTRUCTION	Krestensen, E. D., 52 Hill St., Gosford	203510	1961	Premise Match	81m	North West
4	ENGINEERS-STRUCTURAL	Jim Kirkness 41 Etna St., Gosford	203171	1961	Premise Match	94m	South
5	WELDERS-OXY & ELECTRIC	Young, S. J., 29 Hill St., Gosford	185927	1950	Premise Match	94m	South West
6	MEDICAL PRACTITIONERS	Walker, M. J., 56 Hills St., Gosford 2250	124592	1982	Premise Match	98m	North West
7	INSURANCE AGENTS	Maher, G. O., Cnr. Etna and Hill Sts. Gosford 2250	538422	1970	Road Intersection	100m	South West
	INSURANCE AGENTS	Maher, G. O., Cnr. Etna and Hill Sts., Gosford	203822	1961	Road Intersection	100m	South West
8	ENGINEERS - CIVIL	Appleyard, L D., & Associates Pty. Ltd., 353 Mann St., Gosford 2250	124058	1982	Premise Match	110m	West
	ENGINEERS - STRUCTURAL	Appleyard, L D., & Associates Pty. Ltd., 353 Mann St., Gosford 2250	124087	1982	Premise Match	110m	West
	ENGINEERS CONSULTING	Appleyard, L D., & Associates Pty. Ltd., 353 Mann St., Gosford 2250	124063	1982	Premise Match	110m	West
	SURVEYORS - LAND	Bissett, G. T., & Co., 353 Mann St., Gosford 2250	125356	1982	Premise Match	110m	West
	MEDICAL PRACTITIONERS	Collier, B., 353 Mann St., Gosford 2250	124544	1982	Premise Match	110m	West
	REAL ESTATE, STOCK & STATION AGENTS	McCutcheon Real Estate Pty. Ltd., 353 Mann St., Gosford 2250	125138	1982	Premise Match	110m	West
	SOLICITORS	Smith, L. F. & Co., 353 Mann St., Gosford 2250	125292	1982	Premise Match	110m	West
	ARCHITECTS.	Theodore, B., 353 Mann St., Gosford 2250	123481	1982	Premise Match	110m	West
9	MOTOR CAR &/OR TRUCK DEALERS - NEW &/OR USED.	Carter, Ned Used Cars., 355 Mann St., North Gosford 2250	124694	1982	Premise Match	110m	West
	CLOTHING - RETAIL - LADIES &/OR GIRLS WEAR	Frou Frou., 355 Mann St., Gosford 2250	123835	1982	Premise Match	110m	West
	MOTOR CYCLE SALES & SERVICE	Small Motor Centre, 355 Mann St. Gosford 2250	538617	1970	Premise Match	110m	West
	SAW/TOOL SHARPENERS	Small Motor Centre, 355 Mann St. Gosford 2250	538864	1970	Premise Match	110m	West
	SAWS-GENERAL-SALES & SERVICE	Small Motor Centre, 355 Mann St. Gosford 2250	538865	1970	Premise Match	110m	West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
9	GROCERS & GENERAL STOREKEEPERS	McMahon, D., 355 Mann St., Gosford	203760	1961	Premise Match	110m	West
	GROCERS & GENERAL STOREKEEPERS	Pryor, H. A., 355 Mann St., Gosford	184392	1950	Premise Match	110m	West
	MILK BARS & CONFECTIONERS	Pryor, H. A., 355 Mann St., North Gosford	184501	1950	Premise Match	110m	West
10	ACCOUNTANTS & AUDITORS	Price. Waterhouse & Co., 351 Mann St., Gosford 2250	123428	1982	Premise Match	110m	West
	ACCOUNTANTS & AUDITORS	Reid. R. D. R. & Co., 351 Mann St., Gosford 2250	123429	1982	Premise Match	110m	West
11	LAWN-MOWING SERVICES	Ball, W., 357 Mann St., Gosford	184470	1950	Premise Match	110m	West
12	MILK BARS	Smith, C. R., 349 Mann St., Gosford 2250	124610	1982	Premise Match	111m	West
13	MOTOR CAR &/OR TRUCK DEALERS - NEW &/OR USED.	Blewett, A., 347 Mann St., Gosford 2250	124691	1982	Premise Match	113m	West
14	BOAT, LAUNCH &/OR YACHT SALES &/OR SERVICE	Monnock, Kevin, Marine Pty. Ltd., 363 Mann St., Gosford 2250	123604	1982	Premise Match	113m	North West
	OUTBOARD MOTOR MFRS. & / OR DIST.	Monnock, Kevin, Marine Pty. Ltd., 363 Mann St., Gosford 2250	124948	1982	Premise Match	113m	North West
15	MIXED BUSINESSES	Howarth, E., 345 Mann St. Gosford 2250	538541	1970	Premise Match	116m	West
	MIXED BUSINESSES	Howarth, E., 345 Mann St., Gosford	203960	1961	Premise Match	116m	West
	GROCERS & GENERAL STOREKEEPERS	Snowden, T., 345 Mann St., Gosford	184395	1950	Premise Match	116m	West
16	BOAT, LAUNCH &/OR YACHT SALES &/OR SERVICE	Gosford Chrysler Marine., 339 Mann St., Gosford 2250	123602	1982	Premise Match	120m	West
	RADIO - TWO-WAY SALES &/OR SERVICE	Gosford Chrysler Marine., 339 Mann St., Gosford 2250	125111	1982	Premise Match	120m	West
	MOTOR CAR &/OR TRUCK DEALERS - NEW &/OR USED.	Paladin Motors., 339 Mann St., Gosford 2250	124708	1982	Premise Match	120m	West
17	PAINTERS, PAPERHANGERS &/ OR DECORATORS.	Auckett, R. V., 371 Mann St., Gosford 2250	124957	1982	Premise Match	132m	North West
	PAINTERS, PAPERHANGERS & DECORATORS	Auckett, R. V., 371 Mann St. Gosford 2250	538744	1970	Premise Match	132m	North West
	PAINTERS, PAPERHANGERS & DECORATORS	Auckett, R. V., 371 Mann St., Gosford	204148	1961	Premise Match	132m	North West
18	MOTOR BRAKE SPECIALISTS.	Clancys Brake Service., 33 Etna St., Gosford 2250	124674	1982	Premise Match	134m	South West
	INSURANCE AGENTS	Maher, G. O., 33 Etna St., Gosford	184440	1950	Premise Match	134m	South West
19	MEDICAL PRACTITIONERS	Bates, F., 31 Etna St., Gosford 2250	124535	1982	Premise Match	145m	South West
	COPYING SERVICES	Golden Business Agencies., 337a Mann St., Gosford 2250	123894	1982	Premise Match	145m	South West
	DUPLICATING &/ OR TYPING SPECIALISTS	Golden Business Agencies., 337a Mann St., Gosford 2250	123987	1982	Premise Match	145m	South West
	MEDICAL PRACTITIONERS	Hurley, R. N., 333 Mann St., Gosford 2250	124561	1982	Premise Match	145m	South West
	ACCOUNTANTS & AUDITORS	Monks. P. R. & Co., 337A Mann St., Gosford 2250	123424	1982	Premise Match	145m	South West
	ACCOUNTANTS & AUDITORS	Tchappat, H. R. & Co., 337A Mann St., Gosford 2250	123432	1982	Premise Match	145m	South West
	MEDICAL PRACTITIONERS	Thomas, M. O., 31 Etna St., Gosford 2250	124589	1982	Premise Match	145m	South West
	MEDICAL PRACTITIONERS	Whiteman, I. A., 337 Mann St., Gosford 2250	124593	1982	Premise Match	145m	South West
	SIGNWRITERS	Ellis, W., 337b Mann St., Gosford	204315	1961	Premise Match	145m	South West

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Business Directory Records 1950-1982

Road or Area Matches

Universal Business Directory records from years 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
20	FURNITURE DEALERS-SECONDHAND	Anderson's Furniture, 131 Gertrude St. Gosford 2250	538300	1970	Road Match	0m
	FURNITURE-NURSERY-MFRS. &/OR W'SALERS	Anderson's Furniture, 131 Gertrude St. Gosford 2250	538304	1970	Road Match	0m
	FURNITURE-OFFICE-RETAIL	Anderson's Furniture, 131 Gertrude St. Gosford 2250	538307	1970	Road Match	0m
	BLIND MANUFACTURERS & SPECIALISTS	Anderson's Furniture, 131 Gertrude St. Gosford 2250	537927	1970	Road Match	0m
	CARPET & FLOOR COVERINGS	Anderson's Furniture, 131 Gertrude St. Gosford 2250	538024	1970	Road Match	0m
	FURNITURE & FURNISHINGS	Anderson's Furniture, 131 Gertrude St. Gosford 2250	538289	1970	Road Match	0m
	FURNITURE -GARDEN ORNAMENTAL - MFRS. & WHOLESALE	Anderson's Furniture, 131 Gertrude St. Gosford 2250	538302	1970	Road Match	0m
	MILK VENDORS	Dibben Bros., 65 Gertrude St. Gosford 2250	538527	1970	Road Match	0m
	SMALLGOODS MFRS. & WHOLESALE	Dibben Bros., 65 Gertrude St. Gosford 2250	538892	1970	Road Match	0m
	MOTOR ACCESSORIES & SPARE PARTS DEALERS	Gosford Motors Pty. Ltd., Gertrude St. Gosford 2250	538567	1970	Road Match	0m
	MOTOR BODY BUILDERS & REPAIRERS	Gosford Motors Pty. Ltd., Gertrude St. Gosford 2250	538580	1970	Road Match	0m
	MOTOR BRAKE SERVICES	Gosford Motors Pty. Ltd., Gertrude St. Gosford 2250	538586	1970	Road Match	0m
	MOTOR CAR & TRUCK DEALERS-NEW & USED	Gosford Motors Pty. Ltd., Gertrude St. Gosford 2250	538598	1970	Road Match	0m
	MOTOR CARBURETTOR/TUNING SPECIALISTS	Gosford Motors Pty. Ltd., Gertrude St. Gosford 2250	538609	1970	Road Match	0m
	MOTOR ELECTRICIANS	Gosford Motors Pty. Ltd., Gertrude St. Gosford 2250	538622	1970	Road Match	0m
	MOTOR ENGINE RECONDITIONERS	Gosford Motors Pty. Ltd., Gertrude St. Gosford 2250	538624	1970	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Gosford Motors Pty. Ltd., Gertrude St. Gosford 2250	538640	1970	Road Match	0m
	MOTOR OIL & SPIRIT DEPOTS	Gosford Motors Pty. Ltd., Gertrude St. Gosford 2250	538661	1970	Road Match	0m
	MOTOR PAINTERS & PANEL BEATERS	Gosford Motors Pty. Ltd., Gertrude St. Gosford 2250	538670	1970	Road Match	0m
	MOTOR SPARE PARTS-MFRS. &/OR W'SALERS.	Gosford Motors Pty. Ltd., Gertrude St. Gosford 2250	538696	1970	Road Match	0m
	MOTOR TOWING SERVICES	Gosford Motors Pty. Ltd., Gertrude St. Gosford 2250	538699	1970	Road Match	0m
	MOTOR WRECKERS	Gosford Motors Pty. Ltd., Gertrude St. Gosford 2250	538710	1970	Road Match	0m
	SCHOOLS & COLLEGES-TECHNICAL	Gosford Technical School, Gertrude St. Gosford 2250	538871	1970	Road Match	0m
	MOTELS	Olympic Motel, Gertrude St. Gosford 2250	538559	1970	Road Match	0m
	MOTOR OIL & SPIRIT DEPOTS	Valvoline (Aust.) Supply Depot, Gertrude St. Gosford 2250	538666	1970	Road Match	0m
	FLOOR COVERING-INDUSTRIAL-SPECIALISTS	Anderson's Furniture, 131 Gertrude St., Gosford	203649	1961	Road Match	0m
	FLYSCREEN DOORS, WINDOWS-MFRS.	Anderson's Furniture, 131 Gertrude St., Gosford	203653	1961	Road Match	0m

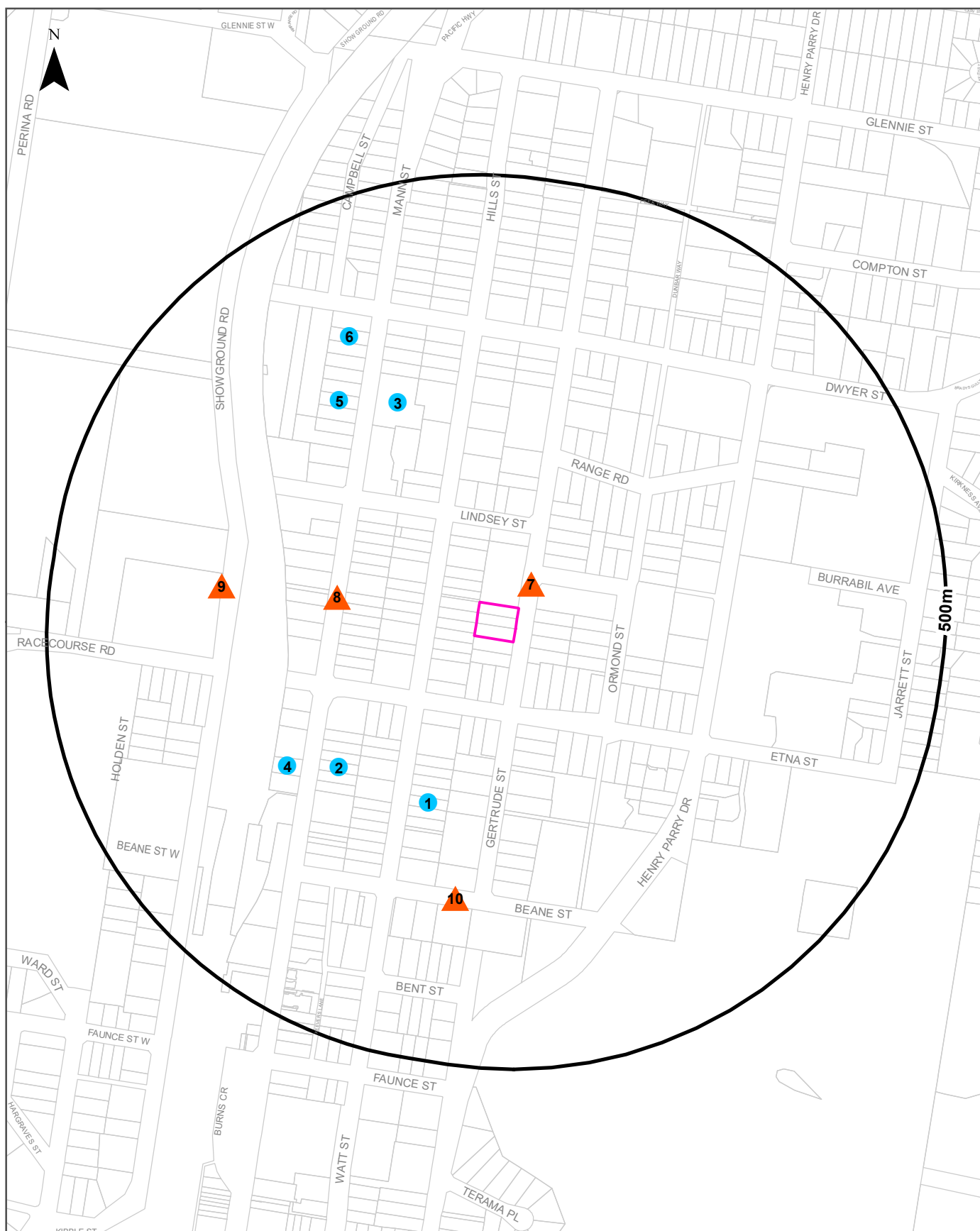
Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
20	FURNITURE DEALERS-SECONDHAND	Anderson's Furniture, 131 Gertrude St., Gosford	203702	1961	Road Match	0m
	FURNITURE-HOUSEHOLD-RETAIL	Anderson's Furniture, 131 Gertrude St., Gosford	203711	1961	Road Match	0m
	FURNITURE-NURSERY-RETAIL	Anderson's Furniture, 131 Gertrude St., Gosford	203715	1961	Road Match	0m
	FURNITURE-OFFICE-RETAIL	Anderson's Furniture, 131 Gertrude St., Gosford	203717	1961	Road Match	0m
	FURNITURE-ORNAMENTAL GARDEN	Anderson's Furniture, 131 Gertrude St., Gosford	203718	1961	Road Match	0m
	OFFICE EQUIPMENT MANUFACTURER/DISTRIBUTOR	Anderson's Furniture, 131 Gertrude St., Gosford	204130	1961	Road Match	0m
	MILK VENDORS	Dibben Bros., 65 Gertrude St., Gosford	203947	1961	Road Match	0m
	SMALLGOODS MFRS. & WHOLESALERS	Dibben Bros., 65 Gertrude St., Gosford	204319	1961	Road Match	0m
	EARTH MOVING & ROAD MAKING CONTRACTORS	Earth Movers (The) (G. J. Joyce Pty. Ltd.) 160 Gertrude St., Gosford	203557	1961	Road Match	0m
	SCHOOLS & COLLEGES-TECHNICAL	Gosford Technical School, Gertrude St., Gosford	204291	1961	Road Match	0m
	EARTH MOVING & ROAD MAKING CONTRACTORS	Joyces Sawmill, 160 Gertrude St., Gosford	203560	1961	Road Match	0m
	TIMBER MERCHANTS & SAWMILLERS	Joyces Sawmill, 160 Gertrude St., Gosford	204386	1961	Road Match	0m
	BEARINGS & BUSH MANUFACTURER & DISTRIBUTOR	Kirkness, J. E., 127 Gertrude St., Gosford	203307	1961	Road Match	0m
	ENGINEERS-GENERAL, MFRG. & MECHANICAL	Kirkness, J. E., 127 Gertrude St., Gosford	203602	1961	Road Match	0m
	ENGINEERS-PRECISION	Kirkness, J. E., 127 Gertrude St., Gosford	203607	1961	Road Match	0m
	ENGINEERS-STRUCTURAL	Kirkness, J. E., 127 Gertrude St., Gosford	203611	1961	Road Match	0m
	ENGINEERS-SUPPLIES	Kirkness, J. E., 127 Gertrude St., Gosford	203616	1961	Road Match	0m
	MOTOR ACCESSORIES & SPARE PARTS DEALERS	Kirkness, J. E., 127 Gertrude St., Gosford	203982	1961	Road Match	0m
	PULLEY MANUFACTURER	Kirkness, J. E., 127 Gertrude St., Gosford	204210	1961	Road Match	0m
	TOOL MAKERS	Kirkness, J. E., 127 Gertrude St., Gosford	204393	1961	Road Match	0m
	WELDERS-ELECTRIC & OXY	Kirkness, J. E., 127 Gertrude St., Gosford	204440	1961	Road Match	0m
	TAXIS &/OR HIRE CARS	Campbell, K., Gertrude St., Gosford	184685	1950	Road Match	0m
	TAXIS &/OR HIRE CARS	Cattell, J. T., 151 Gertrude St., Gosford	184686	1950	Road Match	0m
	BAG MERCHANTS	Craft, F., 77 Gertrude St., Gosford	184158	1950	Road Match	0m
	MILK VENDORS	Dibben, J. H., Gertrude St., Gosford	184505	1950	Road Match	0m
	MUSIC TEACHERS	Drummond, Mrs. J., Gertrude St., Gosford	184566	1950	Road Match	0m
	BUILDERS & BUILDING CONTRACTORS	Easey, A., Gertrude St., Gosford	184185	1950	Road Match	0m
	CASE MANUFACTURERS	Kirkness, R. G., 121 Gertrude St., Gosford	184254	1950	Road Match	0m
	DRESSMAKERS & COSTUMIERS	O'Neill, Mrs. M., Gertrude St., Gosford	184313	1950	Road Match	0m
	TAXIS &/OR HIRE CARS	Thomas, M. E., Gertrude St., Gosford	185883	1950	Road Match	0m
21	MOTOR WRECKERS.	Gosford Spare Parts., 20 Hills St., Gosford 2250	124886	1982	Road Match	46m
	MOTOR WRECKERS	Gosford Spare Parts, 20 Hills St. Gosford 2250	538711	1970	Road Match	46m
	CARRIERS & CARTAGE CONTRACTORS	Hill, L. C., 26 Hill St. Gosford 2250	538040	1970	Road Match	46m
	EARTH MOVING &/OR ROAD MAKING CONTRACTORS	Hill, L. C., 26 Hill St. Gosford 2250	538169	1970	Road Match	46m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
21	BOTTLE MERCHANTS & EXCHANGES	Jenkins, C., Hill St. Gosford 2250	537947	1970	Road Match	46m
	CARRIERS & CARTAGE CONTRACTORS	Hill, L. C., 26 Hill St., Gosford	203465	1961	Road Match	46m
	EARTH MOVING & ROAD MAKING CONTRACTORS	Hill, L. C., 26 Hill St., Gosford	203559	1961	Road Match	46m
	BOTTLE MERCHANTS & EXCHANGES	Jenkins, C., Hill St., Gosford	203344	1961	Road Match	46m
	CARRIERS & CARTAGE CONTRACTORS	Hill, L. C., 26 Hill St., Gosford	184238	1950	Road Match	46m
	BOTTLE MERCHANTS	Jenkins, C., Hill St., Gosford	184176	1950	Road Match	46m
	CARRIERS & CARTAGE CONTRACTORS	Mattocks, H. P., Hill St., Gosford	184242	1950	Road Match	46m
22	MUSIC TEACHERS	Kelly, Mrs. J., 129 Edna St., Gosford	184569	1950	Road Match	74m
	HAIRDRESSERS (GENT.'S) &/OR TOBACCONISTS	Sugden, C. H., Etna St., North Gosford	184414	1950	Road Match	74m

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Dry Cleaners, Motor Garages & Service Stations

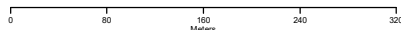
182-186 Gertrude Street, North Gosford, NSW 2250



Legend

- Site Boundary
- Buffer 500m
- Property Boundary
- Business directory records mapped to a specific premise
- Business directory records mapped to a road intersection
- ▲ Business directory records mapped to a road corridor
- ▨ Business directory records mapped to a general area

Scale:



Coordinate System:
GDA 1994 MGA Zone 56

Date: 24 October 2022

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

Historical Business Directories

182-186 Gertrude Street, North Gosford, NSW 2250

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
1	MOTOR GARAGES & ENGINEERS	Spare Parts Gosford, 15 Hill St., Gosford	204045	1961	Premise Match	195m	South
2	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS	Parson's Garage Pty. Ltd., 325 Mann St., Gosford 2250	124789	1982	Premise Match	203m	South West
	MOTOR GARAGES & ENGINEERS	Parsons Garage Pty. Ltd., 325 Mann St. Gosford 2250	538649	1970	Premise Match	203m	South West
	MOTOR GARAGES & ENGINEERS	Parsons Garage Pty. Ltd. 325 Mann St., Gosford	204012	1961	Premise Match	203m	South West
	MOTOR GARAGES & ENGINEERS	Parsons Garage Pty. Ltd., 325 Mann St., Gosford	204040	1961	Premise Match	203m	South West
	MOTOR GARAGES & ENGINEERS	Parsons Garage Pty. Ltd., 325 Mann St., Gosford	184542	1950	Premise Match	203m	South West
3	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS	Roberts Auto Centre Pty. Ltd., 383 Mann St., Gosford 2250	124795	1982	Premise Match	213m	North West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS	Roberts Fleetline Service Station., 383 Mann St., Gosford 2250	124796	1982	Premise Match	213m	North West
	MOTOR GARAGES & ENGINEERS	Garnet Motors Pty. Ltd., 383 Mann St. Gosford 2250	538638	1970	Premise Match	213m	North West
	MOTOR GARAGES & ENGINEERS	Roberts Auto Centre Pty. Ltd., 387 Mann St. Gosford 2250	538652	1970	Premise Match	213m	North West
	MOTOR SERVICE STATIONS-PETROL, OILS, Etc.	Roberts Fleetline Service Station, 383 Mann St. Gosford 2250	538690	1970	Premise Match	213m	North West
	MOTOR SERVICE STATIONS-PETROL, OIL, Etc.	Robson, R. N., Pty. Ltd., 387 Mann St., Gosford	204092	1961	Premise Match	213m	North West
4	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS	Caltex Service Station., 314 Mann St., Gosford 2250	124756	1982	Premise Match	247m	South West
	MOTOR SERVICE STATIONS-PETROL, OIL, Etc.	Parson's Service Station, 322 Mann St., Gosford	204091	1961	Premise Match	247m	South West
5	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS	Regal Motors Gosford., 360 Mann St., Gosford 2250	124793	1982	Premise Match	266m	North West
	MOTOR GARAGES & ENGINEERS	Regal Motors Pty. Ltd., 358-64 Mann St. Gosford 2250	538651	1970	Premise Match	266m	North West
	MOTOR GARAGES & ENGINEERS	Regal Motors Pty. Ltd., 358-64 Mann St., Gosford	204041	1961	Premise Match	266m	North West
6	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS	Timp, E., 372 Mann St., Gosford 2250	124800	1982	Premise Match	327m	North West

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

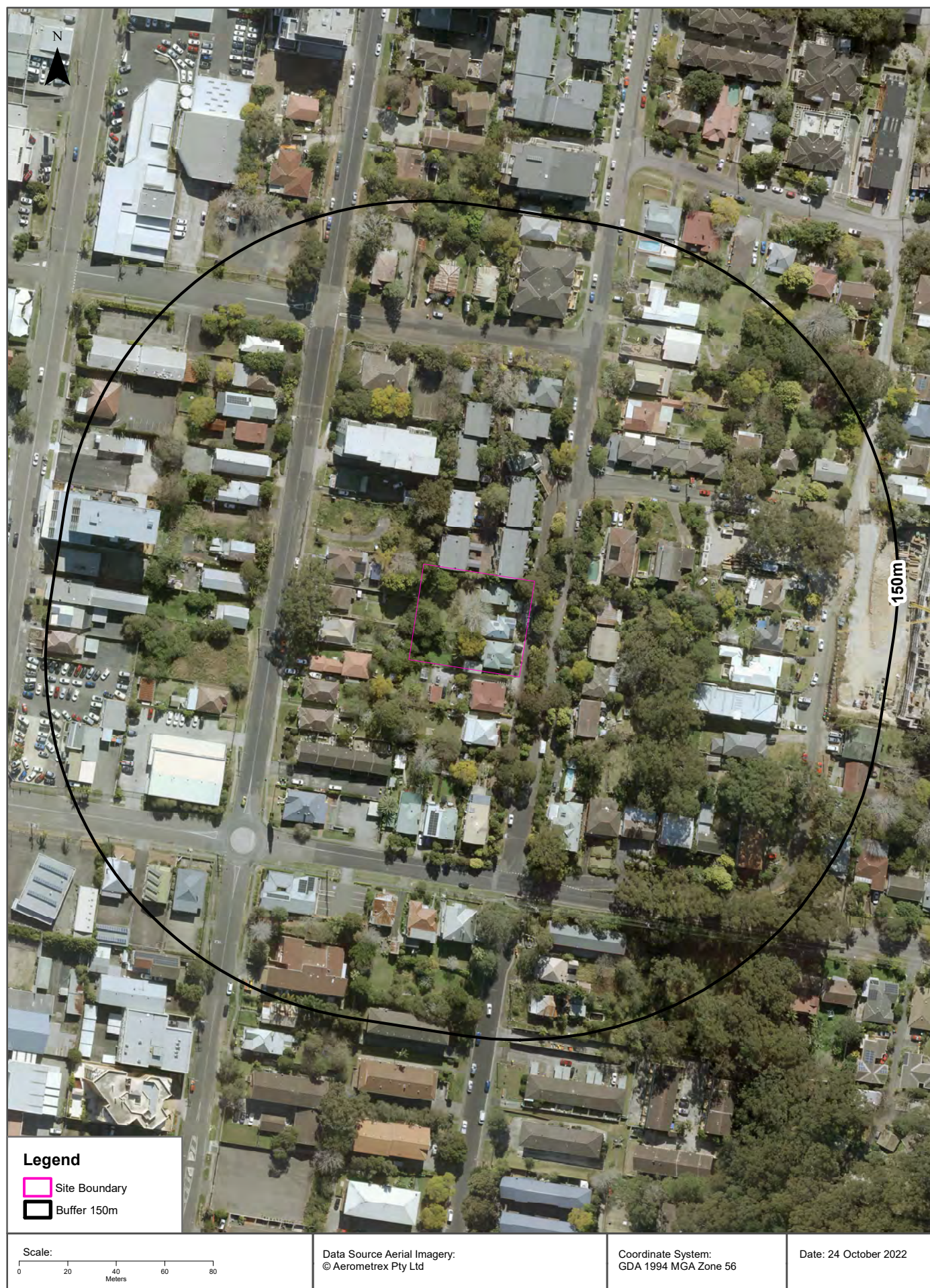
Dry Cleaners, Motor Garages & Service Stations from UBD Business Directories, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published.

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
7	MOTOR GARAGES & ENGINEERS	Gosford Motors Pty. Ltd., Gertrude St. Gosford 2250	538640	1970	Road Match	0m
8	MOTOR GARAGES &/OR ENGINEERS &/ OR SERVICE STATIONS	Golden Fleece Service Station., Pacific Highway., North Gosford 2250	124772	1982	Road Match	156m
	MOTOR GARAGES & ENGINEERS	Eagle, A. E. & Sons Pty. Limited, Pacific Hghwy., North Gosford	538634	1970	Road Match	156m
	MOTOR SERVICE STATIONS-PETROL, OILS, Etc.	Golden Fleece Service Station, Pacific Hghwy., North Gosford	538685	1970	Road Match	156m
	MOTOR GARAGES & ENGINEERS	Hilton, Brian Pty. Ltd., Pacific Hghwy., North Gosford	538643	1970	Road Match	156m
	MOTOR GARAGES & ENGINEERS	Eagle, A. E. and Sons, Pacific Highway., North Gosford	204030	1961	Road Match	156m
	MOTOR SERVICE STATIONS-PETROL, OIL, Etc.	Golden Fleece Service Station, Pacific Highway., North Gosford	204081	1961	Road Match	156m
	MOTOR SERVICE STATIONS-PETROL, OIL, Etc.	North Gosford Transport Centre, Pacific Highway., North Gosford	204086	1961	Road Match	156m
	MOTOR GARAGES & ENGINEERS	Robert's Fleetline Service Station & Restaurant, Mann St., North Gosford	204042	1961	Road Match	156m
	MOTOR GARAGES & ENGINEERS	Eagle and Corner, Pacific Highway., North Gosford	184539	1950	Road Match	156m
	MOTOR GARAGES & ENGINEERS	Stephenson's Garage, Pacific Highway., North Gosford	184546	1950	Road Match	156m
9	MOTOR GARAGES & ENGINEERS	Love, J. E. & R. W., Showground Rd. Gosford 2250	538646	1970	Road Match	278m
10	MOTOR GARAGES &/OR ENGINEERS &/ OR SERVICE STATIONS	Ashworth. J., 46 Beane St., Gosford 2250	124747	1982	Road Match	296m

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Aerial Imagery 2021

182-186 Gertrude Street, North Gosford, NSW 2250



Aerial Imagery 2016

182-186 Gertrude Street, North Gosford, NSW 2250



Data Source Aerial Imagery: © Aerometrex Pty Ltd	Coordinate System: GDA 1994 MGA Zone 56	Date: 24 October 2022
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Aerial Imagery 2010

182-186 Gertrude Street, North Gosford, NSW 2250



Aerial Imagery 1998

182-186 Gertrude Street, North Gosford, NSW 2250



Aerial Imagery 1991

182-186 Gertrude Street, North Gosford, NSW 2250



Aerial Imagery 1982

182-186 Gertrude Street, North Gosford, NSW 2250



Aerial Imagery 1976

182-186 Gertrude Street, North Gosford, NSW 2250



Aerial Imagery 1965

182-186 Gertrude Street, North Gosford, NSW 2250



Aerial Imagery 1954

182-186 Gertrude Street, North Gosford, NSW 2250



Aerial Imagery 1941

182-186 Gertrude Street, North Gosford, NSW 2250



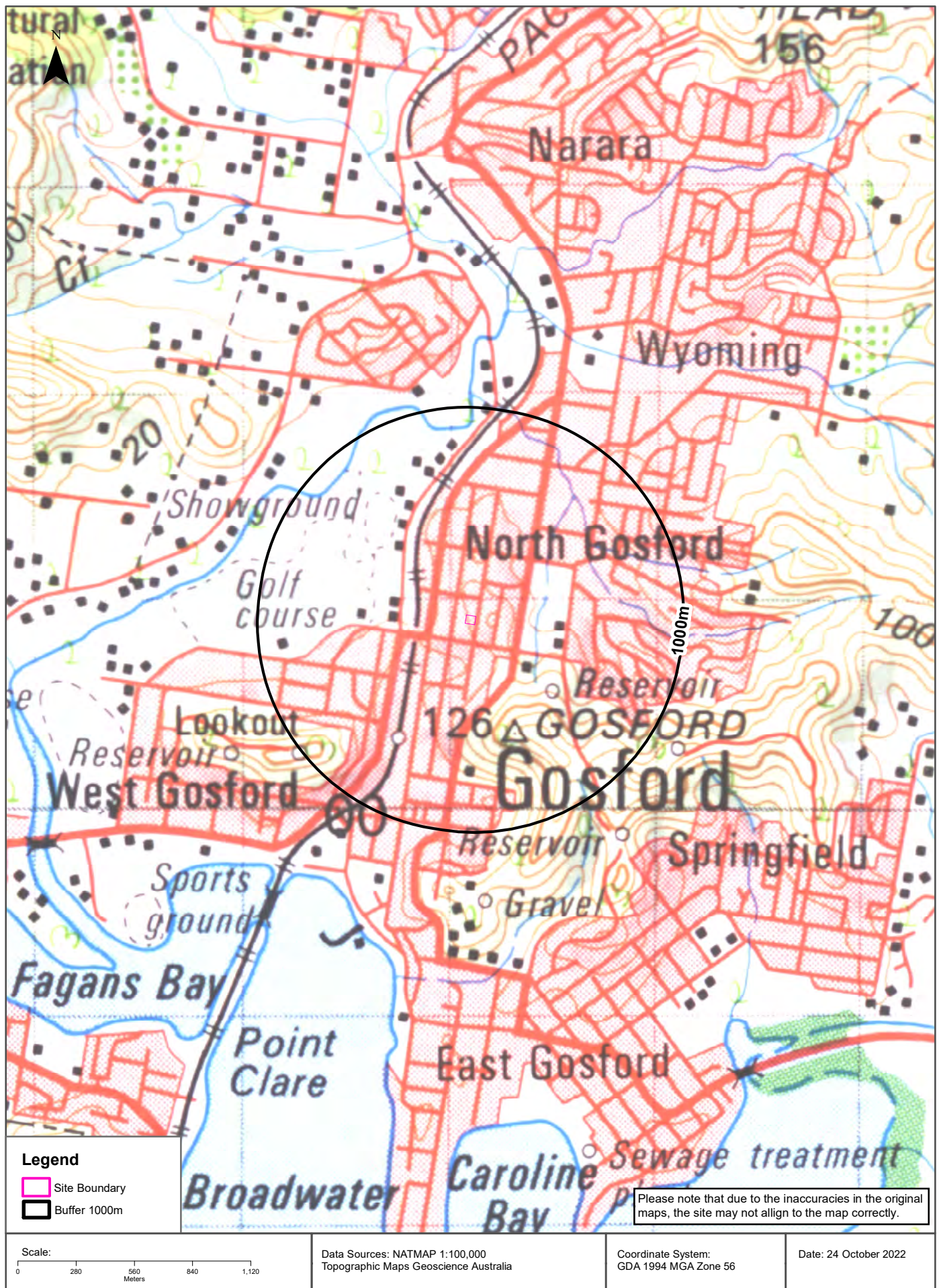
Topographic Map 2015

182-186 Gertrude Street, North Gosford, NSW 2250



Historical Map 1975

182-186 Gertrude Street, North Gosford, NSW 2250



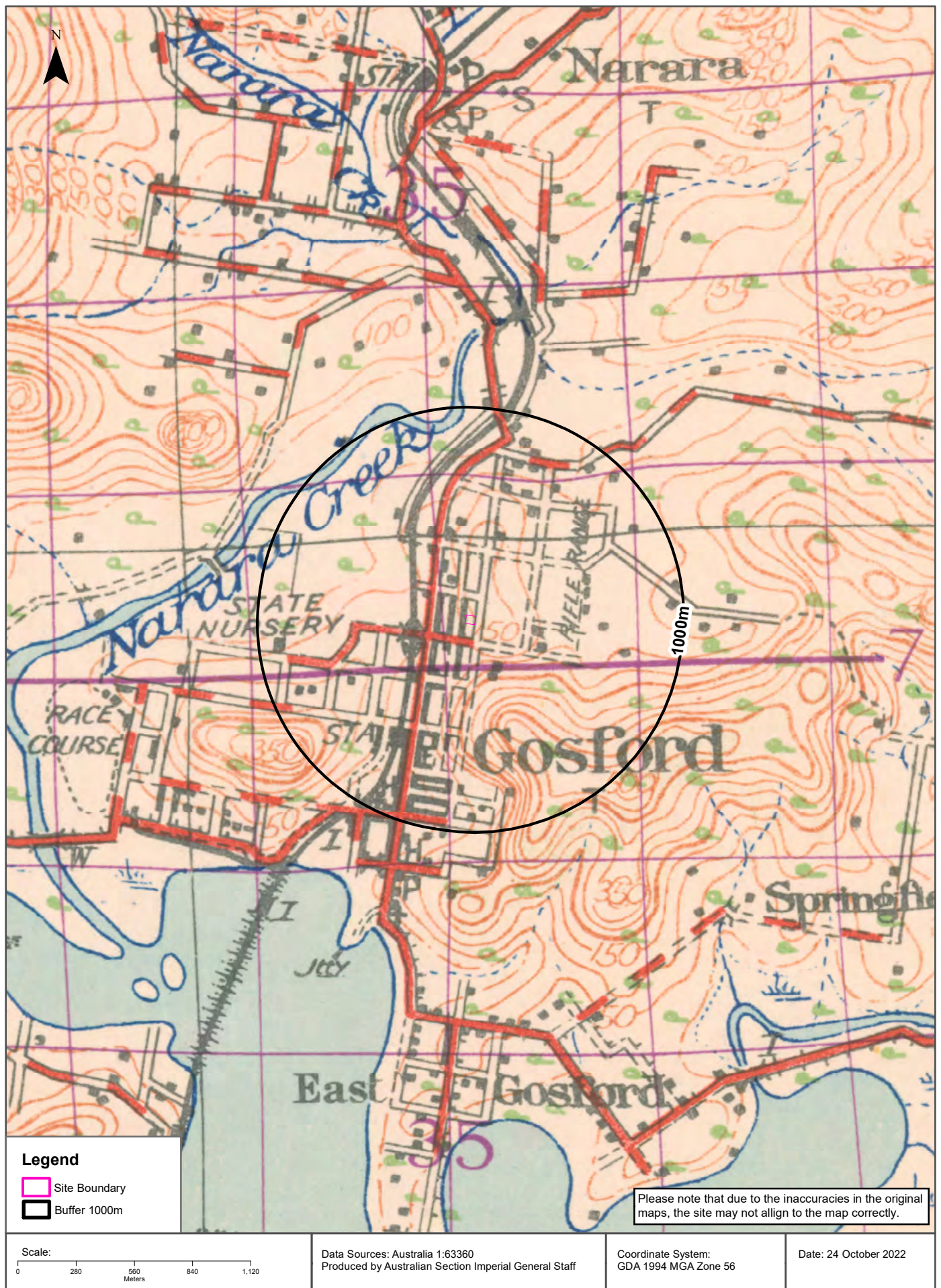
Historical Map c.1942

182-186 Gertrude Street, North Gosford, NSW 2250



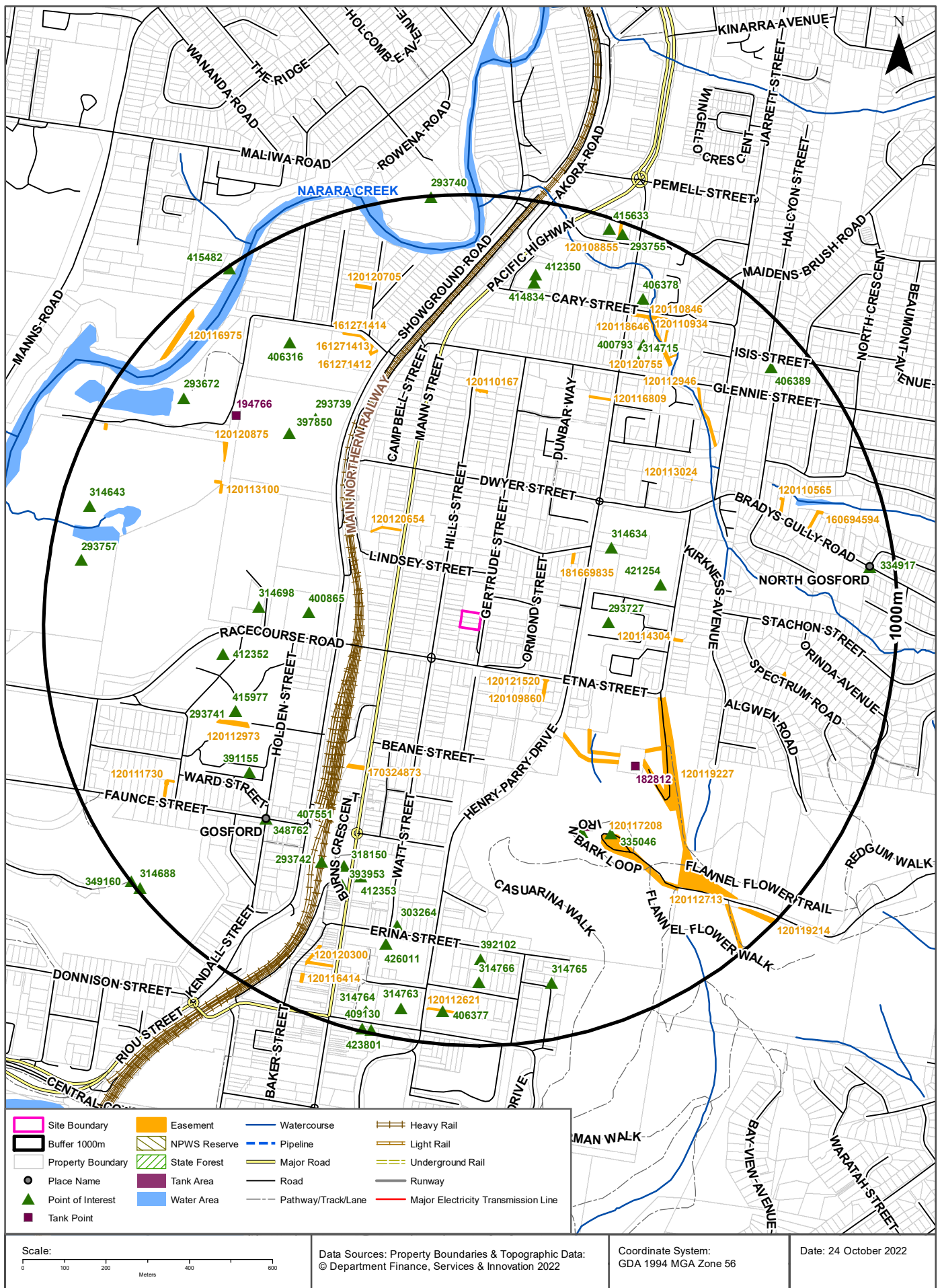
Historical Map c.1921

182-186 Gertrude Street, North Gosford, NSW 2250



Topographic Features

182-186 Gertrude Street, North Gosford, NSW 2250



Topographic Features

182-186 Gertrude Street, North Gosford, NSW 2250

Points of Interest

What Points of Interest exist within the dataset buffer?

Map Id	Feature Type	Label	Distance	Direction
293727	General Hospital	GOSFORD PRIVATE HOSPITAL	306m	East
314634	Cemetery	GOSFORD CEMETERY	351m	North East
400865	High School	GOSFORD HIGH SCHOOL	365m	West
421254	Special School	NORTH GOSFORD LEARNING CENTRE	437m	East
314698	Club	GOSFORD GOLF CLUB	485m	West
293745	Lookout	NURRUNGA LOOKOUT	545m	South East
407551	Transport Interchange	GOSFORD BUS INTERCHANGE	547m	South West
412352	Community Medical Centre	GOSFORD HOSPITAL COMMUNITY HEALTH SERVICES	573m	West
415977	General Hospital	CENTRAL COAST TRANSITIONAL CARE FACILITY	575m	West
293741	General Hospital	GOSFORD HOSPITAL	575m	West
293739	Showground	GOSFORD SHOWGROUND	581m	North West
335046	Mountain Like	MOUNT MOUAT	583m	South East
397850	Dog Track	GOSFORD GREYHOUND TRACK	596m	North West
391155	Helipad	Helipad	614m	South West
318150	Park	BURNS PLACE	637m	South West
412353	Community Medical Centre	GATEWAY COMMUNITY HEALTH CENTRE	645m	South West
293742	Railway Station	GOSFORD RAILWAY STATION	654m	South West
348762	Town	GOSFORD	655m	South West
393953	Tourist Information Centre	GOSFORD VISITOR INFORMATION CENTRE	681m	South West
314715	Place Of Worship	CATHOLIC CHURCH	715m	North East
303264	Post Office	GOSFORD POST OFFICE	734m	South
400793	Primary School	OUR LADY OF THE ROSARY CATHOLIC PRIMARY SCHOOL	756m	North East
406316	Sports Field	Sports Field	767m	North West
426011	Shopping Centre	IMPERIAL CENTRE GOSFORD	782m	South
392102	Place Of Worship	Place Of Worship	791m	South
414834	Nursing Home	TRANSPAC CARING NETWORKS TRANSITIONAL AGED CARE PROGRAM CENTRAL COAST	806m	North
412350	Community Medical Centre	CITIGATE COMMUNITY HEALTH CENTRE	826m	North
293672	Sewage Works	Sewage Works	842m	North West
314766	Place Of Worship	CHRISTIAN SCIENTIST CHURCH	846m	South
406378	Child Care Centre	WYOMING EARLY LEARNING CENTRE AND PRESCHOOL	851m	North East
314765	Community Facility	RED CROSS SOCIETY	865m	South

Map Id	Feature Type	Label	Distance	Direction
406389	Park	Park	915m	North East
406377	Shopping Centre	GOSFORD TOWN CENTRE	920m	South
293757	Golf Course	GOSFORD GOLF COURSE	923m	West
314763	Park	KIBBLE PARK	927m	South
314643	Park	VICTORIA PARK	930m	West
334917	Suburb	NORTH GOSFORD	941m	East
314764	Library	GOSFORD LIBRARY	949m	South
293755	Fire Station	WYOMING FIRE STATION	973m	North
415633	Community Facility	LAYCOCK STREET THEATRE	975m	North
314688	Lookout	PRESIDENTS HILL LOOKOUT	991m	South West
423801	Special School	ET AUSTRALIA SECONDARY COLLEGE SENIOR CAMPUS	992m	South
409130	High School	ET AUSTRALIA SECONDARY COLLEGE	993m	South
415482	Park	JIRRANG ROAD RESERVE	995m	North West
349160	Mountain Like	PRESIDENTS HILL	997m	South West
293740	Sports Field	GAVENLOCK OVAL	997m	North

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

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Topographic Features

182-186 Gertrude Street, North Gosford, NSW 2250

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
182812	Water	Operational		21/07/2018	500m	South East
194763	Water	Operational		01/05/2020	542m	South East
194766	Water	Operational		01/05/2020	718m	North West

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
120121520	Primary	Undefined		196m	South East
120109860	Primary	Undefined		201m	South East
120120654	Primary	Undefined		243m	North West
181669835	Primary	Right of way	4.7m	248m	North East
120119227	Primary	Undefined		322m	South East
120112713	Primary	Undefined		356m	South East
170324873	Primary	Right of way	7m	407m	South West
120114304	Primary	Undefined		468m	East
120110167	Primary	Undefined		525m	North
120112973	Primary	Undefined		561m	South West
120117208	Primary	Undefined		578m	South East
120116809	Primary	Undefined		582m	North East

Map Id	Easement Class	Easement Type	Easement Width	Distance	Direction
120113024	Primary	Undefined		598m	North East
120113100	Primary	Undefined		645m	North West
161271412	Secondary	Easement for Water Main		653m	North
161271413	Secondary	Easement for Electricity Purposes		654m	North
161271414	Secondary	Easement for Water Main		661m	North
120120875	Primary	Undefined		675m	North West
120112946	Primary	Undefined		691m	North East
120108095	Primary	Undefined		734m	East
120120755	Primary	Undefined		748m	North East
120110565	Primary	Undefined		756m	East
120111730	Primary	Undefined		780m	South West
120110846	Primary	Undefined		803m	North East
120120705	Primary	Undefined		803m	North
160694594	Primary	Right of way		812m	East
120110934	Primary	Undefined		816m	North East
120118646	Primary	Undefined		819m	North East
120120300	Primary	Undefined		836m	South West
120116414	Primary	Undefined		915m	South West
120119214	Primary	Undefined		915m	South East
120112621	Primary	Undefined		916m	South
120116975	Primary	Undefined		937m	North West
120108855	Primary	Undefined		961m	North

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

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Topographic Features

182-186 Gertrude Street, North Gosford, NSW 2250

State Forest

What State Forest exist within the dataset buffer?

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

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

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National Parks and Wildlife Service Reserves

What NPWS Reserves exist within the dataset buffer?

Reserve Number	Reserve Type	Reserve Name	Gazetted Date	Distance	Direction
N/A	No records in buffer				

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

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Hydrogeology & Groundwater

182-186 Gertrude Street, North Gosford, NSW 2250

Hydrogeology

Description of aquifers within the dataset buffer:

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

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

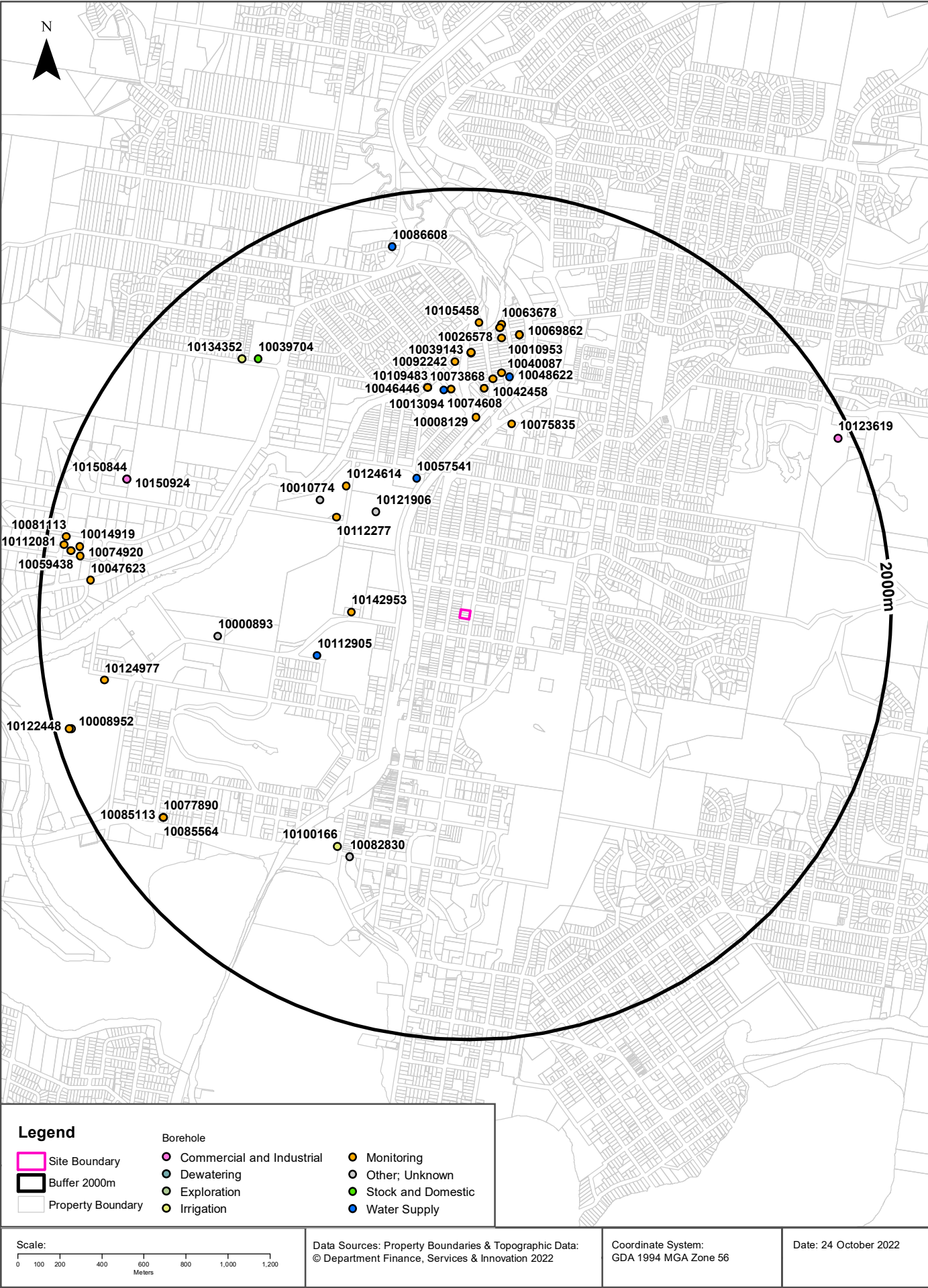
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Temporary Water Restriction (Botany Sands Groundwater Source) Order 2018

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 2018 Data Source : NSW Department of Primary Industries



Hydrogeology & Groundwater

182-186 Gertrude Street, North Gosford, NSW 2250

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
10142953	GW100343	Monitoring	Functioning	15/03/1993	73.00		AHD	2800	9.000	5.50	513m	West
10121906	GW105399	Other	Unknown	14/08/2003	48.50		AHD	660	2.500	6.60	614m	North West
10057541	GW201677	Water Supply	Functioning	28/06/2006	205.00		AHD		8.000	7.00	657m	North
10112905	GW053790	Water Supply	Unknown	01/01/1980	42.70		AHD				700m	West
10112277	GW201179	Monitoring	Functional	12/03/2007	16.20		AHD			3.05	735m	North West
10124614	GW201689	Monitoring	Functional	22/11/2007	62.00		AHD	600	4.000	3.60	800m	North West
10010774	GW065029	Other	Unknown	22/12/1989	62.00		AHD	Fresh			846m	North West
10075835	GW107812	Monitoring	Unknown	02/11/2004	5.00		AHD			2.53	910m	North
10008129	GW201054	Monitoring	Functional	26/10/2007	10.50		AHD			1.50	916m	North
10013094	GW201688	Water Supply	Functioning	16/04/2005	160.00		AHD				1045m	North
10074608	GW201888	Monitoring	Functional	16/02/2006	42.00		AHD				1048m	North
10083171	GW201888	Monitoring	Functional	16/02/2006	42.00		AHD				1048m	North
10042458	GW201886	Monitoring	Functional	08/03/2006	46.00		AHD		6.000	4.00	1057m	North
10046532	GW201886	Monitoring	Functional	08/03/2006	46.00		AHD		6.000	4.00	1057m	North
10014279	GW201889	Monitoring	Functional	22/02/2006	150.00		AHD			4.00	1066m	North
10046446	GW201889	Monitoring	Functional	22/02/2006	150.00		AHD			4.00	1066m	North
10109483	GW201889	Monitoring	Functional	22/02/2006	150.00		AHD			4.00	1066m	North
10073868	GW201885	Monitoring	Functional	28/09/2005	60.00		AHD		8.760		1107m	North
10048622	GW201678	Water Supply	Functioning	15/01/2006	165.00		AHD		25.000	4.00	1129m	North
10040087	GW201056	Monitoring	Functional	05/12/2011	15.20		AHD			1.10	1141m	North
10000893	GW072796	Other	Functioning	21/01/1995	90.00		AHD	Good	0.804	9.00	1152m	West
10092242	GW201180	Monitoring	Functional	12/02/2006	42.00		AHD				1178m	North
10039143	GW201894	Monitoring	Functional	02/02/2006	144.00		AHD			2.50	1222m	North
10072785	GW201894	Monitoring	Functional	02/02/2006	144.00		AHD			2.50	1222m	North
10113757	GW201895	Monitoring	Functional	02/02/2006	24.00		AHD			2.50	1224m	North
10100166	GW201679	Irrigation	Functioning	20/09/2004	102.00		AHD				1234m	South West
10082830	GW201893	Other	Functional	08/08/2004	78.00		AHD		1.500		1251m	South West
10010953	GW202285	Monitoring	Functional	11/03/2005	125.50		AHD				1305m	North
10069862	GW201220	Unknown	Functional	24/03/2006			AHD			0.00	1334m	North
10081166	GW201220	Monitoring	Functional	24/03/2006	156.00		AHD			0.00	1334m	North
10098999	GW201220	Monitoring	Functional	24/03/2006	156.00		AHD			0.00	1334m	North

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
10026578	GW201887	Monitoring	Functional	31/03/2006	42.00		AHD				1351m	North
10077964	GW201887	Monitoring	Functional	31/03/2006	42.00		AHD				1351m	North
10105458	GW201162	Monitoring	Functioning	11/03/2005	125.50		AHD				1367m	North
10063678	GW201191	Monitoring	Functional	26/10/2007	10.50		AHD			1.50	1369m	North
10039704	GW014431	Stock and Domestic	Unknown	01/03/1960	24.30		AHD				1532m	North West
10134352	GW042838	Irrigation	Unknown	01/08/1975	29.00		AHD	501-1000 ppm			1581m	North West
10077890	GW200839	Monitoring	Functional	12/05/2010	7.50		AHD			3.00	1699m	South West
10085113	GW200838	Monitoring	Functional	12/05/2010	7.50		AHD			3.00	1699m	South West
10085564	GW200840	Monitoring	Functional	24/05/2010	8.00		AHD			3.00	1699m	South West
10150924	GW204856	Commercial and Industrial	Functioning	15/04/2020	58.00		AHD				1703m	West
10150844	GW204855	Commercial and Industrial	Non-functional	15/04/2020	58.00		AHD				1704m	West
10124977	GW104667	Monitoring	Functioning	03/01/2003	42.50		AHD	398	4.000	12.60	1714m	West
10086608	GW018385	Water Supply	Unknown	01/02/1960	33.50		AHD				1756m	North
10047623	GW202234	Monitoring	Functional	07/03/2006	5.10		AHD			1.50	1763m	West
10074920	GW107069	Monitoring	Unknown	11/10/2004	4.00		AHD			1.52	1826m	West
10014919	GW107070	Monitoring	Unknown	11/10/2004	5.00		AHD			1.48	1834m	West
10059438	GW107072	Monitoring	Unknown	11/10/2004	2.50		AHD			1.22	1874m	West
10076935	GW107071	Monitoring	Unknown	11/10/2004	5.00		AHD			1.24	1874m	West
10081113	GW107073	Monitoring	Unknown	12/10/2004	4.20		AHD			1.12	1906m	West
10112081	GW202233	Monitoring	Functional	07/03/2006	5.20		AHD			1.00	1912m	West
10008952	GW100229	Other	Functioning	24/01/1993	39.00		AHD	1500	4.800		1919m	West
10122448	GW100174	Monitoring	Proposed	04/11/1992	60.00		AHD	3500	3.100		1929m	West
10123619	GW202160	Commercial and Industrial	Functioning	25/01/2008	66.00		AHD	500	2.000	15.70	1932m	North East

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>

Hydrogeology & Groundwater

182-186 Gertrude Street, North Gosford, NSW 2250

Driller's Logs

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

NGIS Bore ID	Drillers Log	Distance	Direction
10142953	0.00m-9.00m TOPSOIL & SAND (WB) 9.00m-18.50m RED CLAY 18.50m-29.00m SAND (WB) 29.00m-30.00m GRAVEL (WB) 30.00m-45.00m GREY SANDSTONE (MEDIUM GRAIN) 45.00m-47.00m GREY SANDSTONE, CLAY (MEDIUM GRAIN) 47.00m-52.00m GREY SANDSTONE (FINE GRAIN) 52.00m-54.00m GREY SANDSTONE (MEDIUM GRAIN) & BED SHALE 54.00m-55.00m CLAY BAND 55.00m-61.00m GREY SANDSTONE (MEDIUM GRAIN) 61.00m-62.00m GREY SANDSTONE (MEDIUM GRAIN) & BED SHALE 62.00m-72.50m GREY SANDSTONE (MEDIUM GRAIN) W.B. 72.50m-73.00m GREY SANDSTONE (MEDIUM GRAIN) & BED SHALE	513m	West
10121906	0.00m-4.00m CLAY 4.00m-15.00m SAND/SILT/CLAY/SANDSTONE BANDS/ROCKS 15.00m-25.00m SANDSTONE GREY SOFT 25.00m-27.00m CLAYSTONE FRACTURED 27.00m-29.00m SANDSTONE GREY SOFT 29.00m-35.50m SILTSTONE SOFT 35.50m-37.00m SANDSTONE GREY 37.00m-37.30m CLAY 37.30m-40.00m SANDSTONE GREY 40.00m-40.20m CLAY 40.20m-44.10m SILTSTONE SOFT 44.10m-44.20m DOLERITE 44.20m-44.40m DOLERITE FRACTURED 44.40m-45.00m DOLERITE V/FINE GRAIN/HARD/CREAM 45.00m-48.50m SANDSTONE GREY	614m	North West
10057541	0.00m-5.00m Clay, red 5.00m-12.00m Sandy Clay 12.00m-24.00m Clay, wet 24.00m-57.00m Shale, grey 57.00m-67.00m Sandstone, shale bands 67.00m-118.00m Shale 118.00m-140.00m Sandstone/Shale/Siltstone 140.00m-150.00m Sandstone, fine 150.00m-205.00m Sandstone, minor fractures	657m	North
10112277	0.00m-2.50m FILL, SOIL, CLAY, GRAVEL 2.50m-3.50m SANDY CLAY 3.50m-13.50m SAND SILTY WET, GREY 13.50m-16.20m SAND, YELLOW BROWN	735m	North West
10124614	0.00m-1.00m Fill 1.00m-15.00m Sand, grey, fine to medium 15.00m-16.00m Sand, yellow, medium 16.00m-17.00m Clay, white-cream 17.00m-20.00m Sandstone, strongly weathered, grey 20.00m-23.00m Claystone, white to light grey 23.00m-26.00m Sandstone, cream to yellow 26.00m-33.00m Shale & Siltstone, in part iron rich 33.00m-36.00m Shale, light grey 36.00m-41.00m Shale, grey 41.00m-62.00m Shale, grey, & Sandstone interbedded	800m	North West
10075835	0.00m-0.50m TOPSOIL/FILL 0.50m-3.80m SILTY SANDY CLAY 3.80m-5.00m SILTY SAND	910m	North
10008129	0.00m-0.10m Fill: Ashphalt 0.10m-0.25m Fill: Road Base 0.25m-0.45m Fill: Concrete Slab 0.45m-1.80m Clay, brown 1.80m-2.00m Sand, dry, brown 2.00m-8.50m Sand, wet, grey 8.50m-10.50m Sand, bands of & hard Clay	916m	North

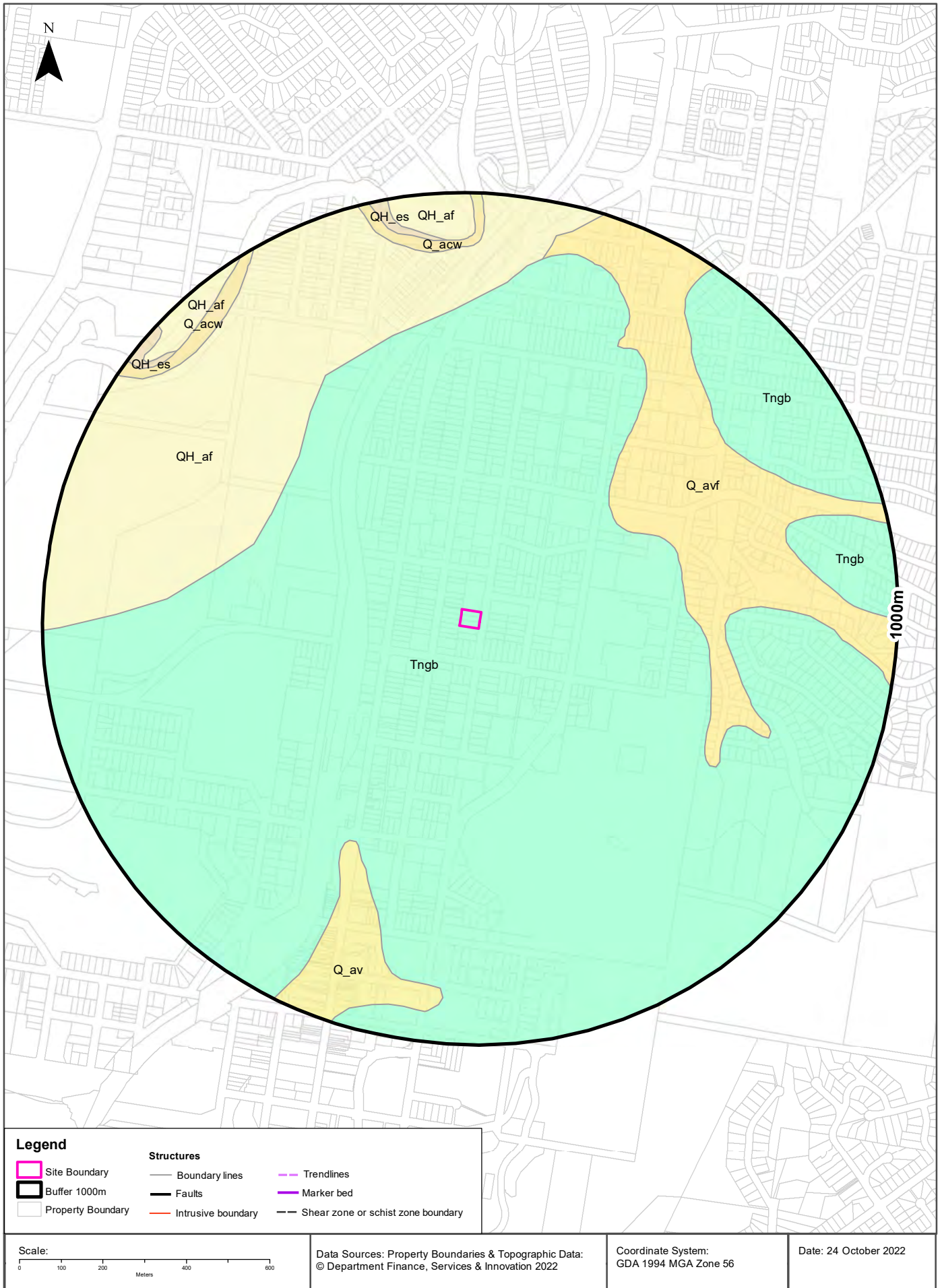
NGIS Bore ID	Drillers Log	Distance	Direction
10013094	0.00m-11.00m Topsoil, sandy, grey brown 11.00m-18.00m Siltstone, weathered, pink to orange 18.00m-21.00m Sandstone, red 21.00m-24.00m Sandstone, grey, with clay layers 24.00m-45.00m Shale, grey 45.00m-50.00m Sandstone, grey 50.00m-72.00m Shale, grey 72.00m-105.00m Sandstone, grey 105.00m-108.00m Shale, orange grey 108.00m-128.00m Shale, dark grey 128.00m-132.00m Shale, pinkish grey 132.00m-146.00m Shale, grey 146.00m-155.00m Sandstone, coarse grained 155.00m-159.00m Shale, grey, reddish brown 159.00m-160.00m Shale, greenish grey	1045m	North
10074608	0.00m-3.00m Clay, brown/black 3.00m-5.00m Clay, dark brown, Sand & Silt 5.00m-9.00m Clay/Sand, brown 9.00m-11.00m Sand/Gravel, coarse, angular 11.00m-16.00m Sandy Clay; grey 16.00m-17.00m Sand, black, organics & coarse angular 17.00m-23.00m Sandy Clay; grey 23.00m-27.00m Rock/Shale, grey, with organics 27.00m-42.00m Clay, grey/Shale	1048m	North
10083171	0.00m-3.00m Clay, brown/black 3.00m-5.00m Clay, dark brown, Sand & Silt 5.00m-9.00m Clay/Sand, brown 9.00m-11.00m Sand/Gravel, coarse, angular 11.00m-16.00m Sandy Clay; grey 16.00m-17.00m Sand, black, organics & coarse angular 17.00m-23.00m Sandy Clay; grey 23.00m-27.00m Rock/Shale, grey, with organics 27.00m-42.00m Clay, grey/Shale	1048m	North
10042458	0.00m-4.00m Clay 4.00m-9.00m Clay, dark 9.00m-15.00m Sand/Gravels 15.00m-22.00m Clay & Gravels 22.00m-46.00m Shale/Gravels	1057m	North
10046532	0.00m-4.00m Clay 4.00m-9.00m Clay, dark 9.00m-15.00m Sand/Gravels 15.00m-22.00m Clay & Gravels 22.00m-46.00m Shale/Gravels	1057m	North
10014279	0.00m-3.00m Clay, & organics, grey 3.00m-12.00m Clay, & fine Sand, grey, wet 12.00m-15.00m Sandstone & organics 15.00m-20.00m Sandstone/Shale, soft 20.00m-147.00m Shale, with minor soft sand bands, clay/grey 147.00m-150.00m Sandstone	1066m	North
10046446	0.00m-3.00m Clay, & organics, grey 3.00m-12.00m Clay, & fine Sand, grey, wet 12.00m-15.00m Sandstone & organics 15.00m-20.00m Sandstone/Shale, soft 20.00m-147.00m Shale, with minor soft sand bands, clay/grey 147.00m-150.00m Sandstone	1066m	North
10109483	0.00m-3.00m Clay, & organics, grey 3.00m-12.00m Clay, & fine Sand, grey, wet 12.00m-15.00m Sandstone & organics 15.00m-20.00m Sandstone/Shale, soft 20.00m-147.00m Shale, with minor soft sand bands, clay/grey 147.00m-150.00m Sandstone	1066m	North
10073868	0.00m-4.00m Sand, dark grey/brown/orange 4.00m-7.00m Clay, grey orange, sand wood 7.00m-12.00m Sand/Wood/Charcoal, grey 12.00m-23.00m Sand, grey, charcoal woods vegetation 23.00m-29.00m Sand, hard, grey, quartz, soft zones 29.00m-31.00m Sand, hard, grey, wood 31.00m-36.00m Sandstone, grey, fine-medium 36.00m-39.00m Sandstone, light grey & dark brown 39.00m-42.00m Sandstone, fractured, medium, grey 42.00m-45.00m Shale, dark grey & brown 45.00m-60.00m Sandstone, grey	1107m	North
10048622	0.00m-2.00m Clay, light tan/grey, compact 2.00m-5.00m Clay, Sand interbeds, grey 5.00m-22.00m Sand, silty, wood, charcoal, water bearing 22.00m-36.00m Rock, light grey, fractured 36.00m-164.00m Sandstone, fractured, grey 164.00m-170.00m Shale, brownish/red, hard 170.00m-184.00m Shale, brownish red	1129m	North

NGIS Bore ID	Drillers Log	Distance	Direction
10040087	0.00m-0.40m Fill: Road Base 0.40m-1.50m Sand, brown 1.50m-5.00m Sand, light grey 5.00m-15.00m Sand, dark grey	1141m	North
10000893	0.00m-5.00m 5.00m-17.00m Clay-sandstone 17.00m-90.00m	1152m	West
10092242	0.00m-5.00m GREY CLAY AND ALLUVIALS 5.00m-10.00m SAND MEDIUM / FINE 10.00m-18.00m CLAY/SANDSTONE 18.00m-26.00m SANDSTONE GREY, SHALE GREY 26.00m-38.00m SHALE GREY, CLAYS SOFT 38.00m-42.00m SHALES GREY	1178m	North
10039143	0.00m-12.00m Sand, organics, grey 12.00m-24.00m Sandy Clay, brown 24.00m-24.00m Clay & mixed Gravels, grey 24.00m-28.00m Clay & Shales, soft, light grey, getting harder & darker in colour with depth 28.00m-121.00m Shale, high clay content 121.00m-131.00m Sandstone & Shale bands 131.00m-144.00m Sandstone/Clay bands	1222m	North
10072785	0.00m-12.00m Sand, organics, grey 12.00m-24.00m Sandy Clay, brown 24.00m-28.00m Clay & Shales, soft, light grey, getting harder & darker in colour with depth 24.00m-24.00m Clay & mixed Gravels, grey 28.00m-121.00m Shale, high clay content 121.00m-131.00m Sandstone & Shale bands 131.00m-144.00m Sandstone/Clay bands	1222m	North
10113757	0.00m-12.00m Sand, & Organics, grey 12.00m-24.00m Sandy Clay, brown	1224m	North
10100166	0.00m-6.00m Sand, medium, golden 6.00m-13.00m Clay, grey 13.00m-16.00m Sand, fine, grey, with clay 16.00m-24.00m Sand, medium-fine, grey, with dirty water & clay 24.00m-25.00m Gravel & Sand, harder 25.00m-30.00m Shale, grey 30.00m-35.00m Sandstone, with some Shale bands, highly fractured 35.00m-57.00m Shale 57.00m-65.00m Sandstone 65.00m-65.00m Shale 65.00m-75.50m Sandstone, grey 75.50m-102.00m Shale	1234m	South West
10082830	0.00m-3.00m Sandy Clay, with wood & gravel 3.00m-5.00m Clay, marine, grey 5.00m-11.00m Sand, grey, with clay 11.00m-12.00m Sandstone, weathered layer 12.00m-14.00m Sandy Clay 14.00m-16.00m Sandstone, weathered 16.00m-20.00m Clay; pink & red 20.00m-27.00m Shale, grey 27.00m-30.00m Sandstone, white 30.00m-34.00m Shale 34.00m-35.00m Sandstone 35.00m-44.00m Shale, grey red 44.00m-46.00m Sandstone 46.00m-60.00m Shale & Sandstone layers 60.00m-78.00m Shale, solid, grey Sandstone layers	1251m	South West
10010953	0.00m-24.00m Fill; grey sandy slop with wood 24.00m-31.00m Shale & Clay layers 31.00m-48.00m Shale, grey 48.00m-54.00m Sandstone, grey 54.00m-60.00m Shale, grey 60.00m-81.00m Sandstone, grey, with fractures 81.00m-84.00m Sandstone, grey 84.00m-90.00m Shale & grey Sandstone 90.00m-94.00m Sandstone, grey 94.00m-106.00m Shale, grey to brown 106.00m-118.00m Sandstone, grey, fractured 118.00m-121.00m Shale & Sandstone layers 121.00m-124.00m Shale, dark grey 124.00m-130.00m Shale, grey green	1305m	North
10069862	0.00m-3.00m CLAY BROWN 3.00m-8.00m SAND 8.00m-19.00m CLAY GREY 19.00m-29.00m CLAY GREY BROWN 29.00m-156.00m CLAY GREY, SHALES	1334m	North
10081166	0.00m-3.00m CLAY BROWN 3.00m-8.00m SAND 8.00m-19.00m CLAY GREY 19.00m-29.00m CLAY GREY BROWN 29.00m-156.00m CLAY GREY, SHALES	1334m	North

NGIS Bore ID	Drillers Log	Distance	Direction
10098999	0.00m-3.00m CLAY BROWN 3.00m-8.00m SAND 8.00m-19.00m CLAY GREY 19.00m-29.00m CLAY GREY BROWN 29.00m-156.00m CLAY GREY, SHALES	1334m	North
10026578	0.00m-2.00m Clay, medium 2.00m-8.00m Sandy Clay 8.00m-11.00m Sand, orange 11.00m-26.00m Sand, organics, clay mix 26.00m-30.00m Rock, soft, clay bands 30.00m-42.00m Shale, decomposed, & hard shale bands	1351m	North
10077964	0.00m-2.00m Clay, medium 2.00m-8.00m Sandy Clay 8.00m-11.00m Sand, orange 11.00m-26.00m Sand, organics, clay mix 26.00m-30.00m Rock, soft, clay bands 30.00m-42.00m Shale, decomposed, & hard shale bands	1351m	North
10105458	0.00m-24.00m Sand Slop, grey, with wood 24.00m-31.00m Shale, & Clay layers 31.00m-48.00m Shale, grey 48.00m-54.00m Sandstone, grey 54.00m-60.00m Shale, grey 60.00m-81.00m Sandstone, grey, fractured 81.00m-84.00m Sandstone, grey 84.00m-90.00m Shale, & grey Sandstone 90.00m-94.00m Sandstone, grey 94.00m-106.00m Shale, grey to brown 106.00m-118.00m Sandstone, grey, fractured 118.00m-121.00m Shale & Sandstone layers 121.00m-124.00m Shale, dark grey 124.00m-125.50m Shale, grey green	1367m	North
10063678	0.00m-0.10m ASPHALT 0.10m-0.25m ROAD BASE 0.25m-0.45m CONCRETE SLAB 0.45m-1.80m CLAY BROWN 1.80m-2.00m SAND DRY BROWN 2.00m-8.50m SAND WET GREY 8.50m-10.50m CLAY HARD	1369m	North
10134352	0.00m-0.24m Soil 0.24m-3.35m Clay 3.35m-9.14m Sand Wet Clay 9.14m-12.50m Clay 12.50m-22.86m Sandstone Water Supply 22.86m-28.96m Shale	1581m	North West
10077890	0.00m-1.50m Fill 1.50m-3.00m Sandstone, light yellow, weathered 3.00m-6.00m Sandstone, fractured, yellow, grey lense 6.00m-7.50m Sandstone, grey, black lense	1699m	South West
10085113	0.00m-1.50m Fill 1.50m-3.00m Sandstone, light yellow, weathered 3.00m-6.00m Sandstone, fractured, yellow, grey lense 6.00m-7.50m Sandstone, grey, black lense	1699m	South West
10085564	0.00m-1.50m Fill 1.50m-3.00m Sandstone, light yellow, weathered 3.00m-6.00m Sandstone, fractured, yellow, grey lense 6.00m-8.00m Sandstone, grey, black lense	1699m	South West
10124977	0.00m-0.20m BITUMEN 0.20m-8.00m SANDSTONE L/BROWN 8.00m-17.30m SANDSTONE/CLAYSTONE 17.30m-18.50m SANDSTONE FRACTURED 18.50m-20.00m SANDSTONE/IRONSTONE FRACTURED 20.00m-20.50m IRONSTONE 20.50m-22.00m SANDSTONE L/BROWN 22.00m-23.50m CLAYSTONE 23.50m-27.50m SANDSTONE/IRONSTONE 27.50m-29.70m CLAYSTONE 29.70m-32.50m SANDSTONE L/BROWN 32.50m-33.00m SANDSTONE/QUARTZ 33.00m-34.50m CLAYSTONE/SHALE 34.50m-36.00m SILTSTONE SOFT 36.00m-37.30m CLAY L/BLUE/STIFF 37.30m-38.50m SILTSTONE L/GREY 38.50m-42.20m SHALE RED 42.20m-42.50m SILTSTONE	1714m	West
10086608	0.00m-21.33m Driller 21.33m-33.52m Sandstone	1756m	North

NGIS Bore ID	Drillers Log	Distance	Direction
10047623	0.00m-0.80m Fill; Gravelly Sand, road-base material, medium grained, red/brown, angular gravels up to 100mm diameter, loose, moist 0.80m-1.50m Fill; Gravelly Sandy Clay; moderate plasticity, grey, angular gravels, medium grained sand, moist 1.50m-2.80m Clayey Sand; fine to medium grained, grey, low plasticity clay, moist, well graded, moist 2.80m-3.50m Peat; Clay; low to moderate plasticity, black/grey, moist/wet 3.50m-5.10m Clay; low plasticity, dark grey, loose, wet	1763m	West
10074920	0.00m-1.20m FILL, SANDY CLAY 1.20m-2.10m FILL, CLAY 2.10m-3.70m PEAT, SANDY CLAY 3.70m-4.00m SAND	1826m	West
10014919	0.00m-2.00m FILL, SANDY CLAY 2.00m-3.00m PEAT, SANDY CLAY 3.00m-4.00m SAND 4.00m-5.00m SANDY CLAY	1834m	West
10059438	0.00m-2.50m FILL, SANDY CLAY	1874m	West
10076935	0.00m-2.00m FILL, CLAYEY SAND 2.00m-2.30m SANDY CLAY 2.30m-2.80m PEAT, SANDY CLAY 2.80m-5.00m SAND	1874m	West
10081113	0.00m-2.10m FILL, SANDY CLAY 2.10m-2.80m PEAT, SANDY CLAY 2.80m-3.50m SAND 3.50m-4.20m CLAY	1906m	West
10112081	0.00m-0.25m Fill; Asphalt, angular gravels, loose, wet 0.25m-0.50m Fill; Sandy Clay; low to moderate plasticity, medium grained sands with subangular gravels 0.50m-2.40m Sandy Clay, moderate to high plasticity, grey with red mottling, fine grained sands, some gravels, moist 2.40m-3.00m Peat; Sandy Clay, low to moderate plasticity, black/dark grey, moist 3.00m-4.00m Sandy Clay; low plasticity, grey, medium grained sand 4.00m-5.00m Clay; high plasticity, stiff, fine grained sand 5.00m-5.20m Sand; fine to medium grained, grey, some clay	1912m	West
10008952	0.00m-8.00m WHITE SANDSTONE 8.00m-20.00m GREY SANDSTONE 20.00m-29.00m BROWN WEATHERED SANDSTONE 29.00m-33.00m GREY SANDSTONE 33.00m-39.00m GREY SILTSTONE	1919m	West
10122448	0.00m-1.00m SANDY BLACK LOAM 1.00m-3.00m GREY CLAY 3.00m-4.00m SILTY GREY SAND 4.00m-8.00m SANDY GREY CLAY 8.00m-9.00m WHITE SILTY SAND 9.00m-12.00m SANDY GREY CLAY 12.00m-18.00m GREY CLAY 18.00m-21.00m BROWN WEATHERED SANDSTONE 21.00m-22.00m FRACTURED GREY SANDSTONE 22.00m-35.00m GREY SANDSTONE 35.00m-36.00m FRACTURED SANDSTONE 36.00m-56.00m GREY SILTSTONE 56.00m-57.00m SOFT GREY SHALE 57.00m-60.00m GREY SANDSTONE	1929m	West
10123619	0.00m-1.00m Topsoil 1.00m-6.00m Clay, orange brown 6.00m-10.00m Siltstone, grey 10.00m-15.00m Siltstone, cream 15.00m-22.00m Sandstone, grey 22.00m-24.00m Claystone, grey 24.00m-26.00m Granite 26.00m-30.00m Shale, light grey 30.00m-42.00m Shale, dark grey 42.00m-48.00m Shale/Sandstone mix, light grey 48.00m-53.00m Shale, dark grey 53.00m-60.00m Shale/Sandstone mix, light grey 60.00m-66.00m Shale, dark grey	1932m	North East

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

182-186 Gertrude Street, North Gosford, NSW 2250

Geological Units

What are the Geological Units within the dataset buffer?

Unit Code	Unit Name	Description	Unit Stratigraphy	Age	Dominant Lithology	Distance
Tngb	Burrallow Formation	Fine-grained, micaceous, quartz- to quartz-lithic sandstone; interbedded with siltstone, grey shale and red-brown claystone.	/Narrabeen Group/Gosford Subgroup/Burrallow Formation//	Early Triassic (base) to Middle Triassic (top)	Sandstone	0m
Q_avf	Alluvial fan deposits	Fluvially-deposited quartz-lithic sand, silt, gravel, clay.	/Alluvium//Alluvial valley deposits//Alluvial fan deposits/	Quaternary (base) to Now (top)	Clastic sediment	388m
QH_af	Alluvial floodplain deposits	Silt, very fine- to medium-grained lithic to quartz-rich sand, clay.	/Alluvium//Alluvial floodplain deposits//	Holocene (base) to Now (top)	Clastic sediment	511m
Q_av	Alluvial valley deposits	Silt, clay, (fluvially deposited) lithic to quartz-lithic sand, gravel.	/Alluvium//Alluvial valley deposits//	Quaternary (base) to Now (top)	Clastic sediment	574m
Q_acw	Alluvial channel deposits - subaqueous	Fluvially deposited sand, gravel, silt, clay.	/Alluvium//Alluvial channel deposits//Alluvial channel deposits-subaqueous/	Quaternary (base) to Now (top)	Clastic sediment	859m
QH_es	Estuarine swamp	Organic-rich mud, peat, clay, silt, very fine- to fine-grained sand (marine-deposited), fine- to medium-grained sand (fluvially deposited).	/Estuarine deposits//Estuarine swamp//	Holocene (base) to Now (top)	Organic rich sediment	886m

Linear Geological Structures

What are the Dyke, Sill, Fracture, Lineament and Vein trendlines within the dataset buffer?

Map ID	Feature Description	Map Sheet Name	Distance
No Features			

What are the Faults, Shear zones or Schist zones, Intrusive boundaries & Marker beds within the dataset buffer?

Map ID	Boundary Type	Description	Map Sheet Name	Distance
No Features				

Geological Data Source: Statewide Seamless Geology v2.1, Department of Regional NSW

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Naturally Occurring Asbestos Potential

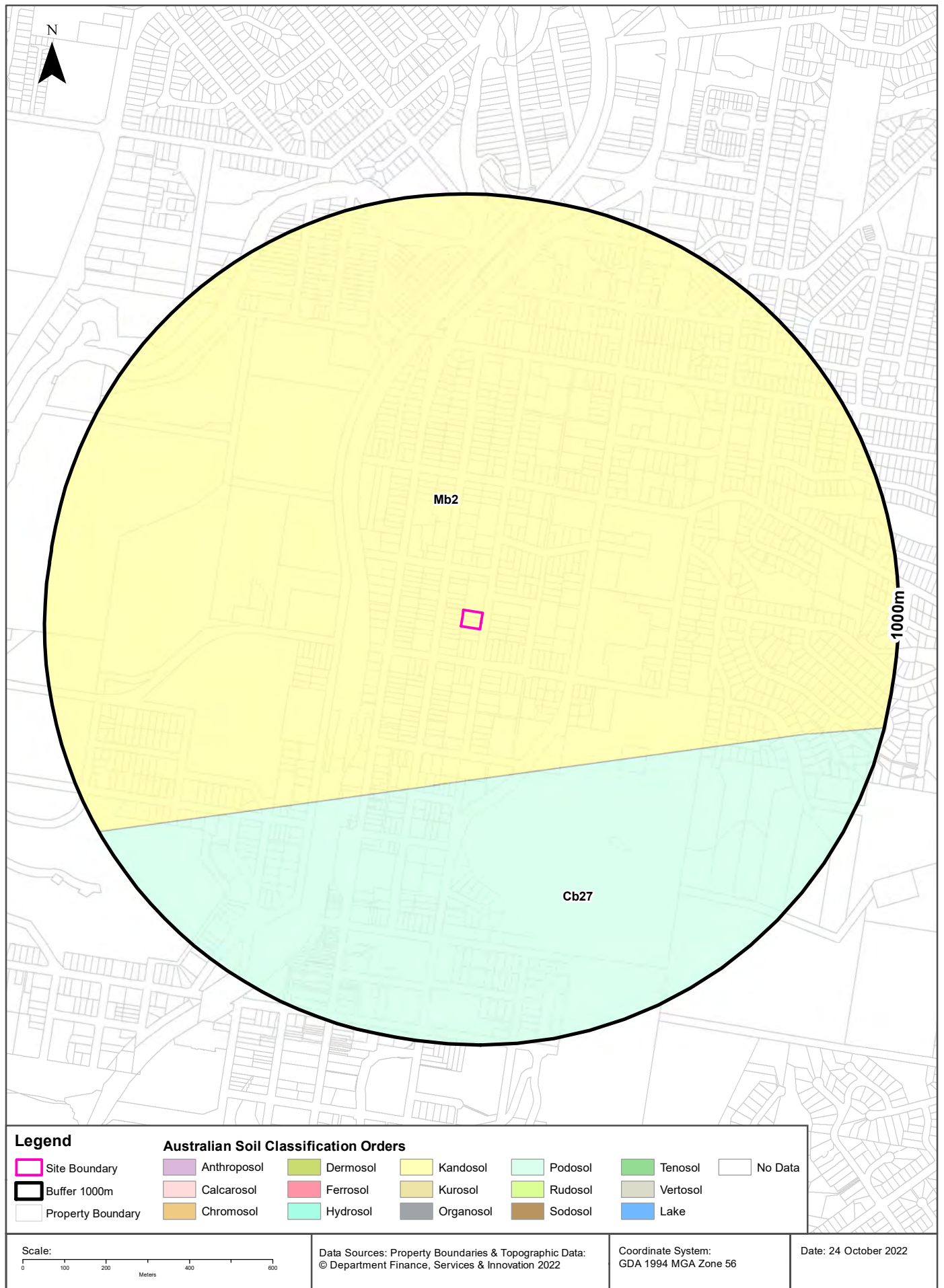
182-186 Gertrude Street, North Gosford, NSW 2250

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: © State of New South Wales through NSW Department of Industry, Resources & Energy



Soils

182-186 Gertrude Street, North Gosford, NSW 2250

Atlas of Australian Soils

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

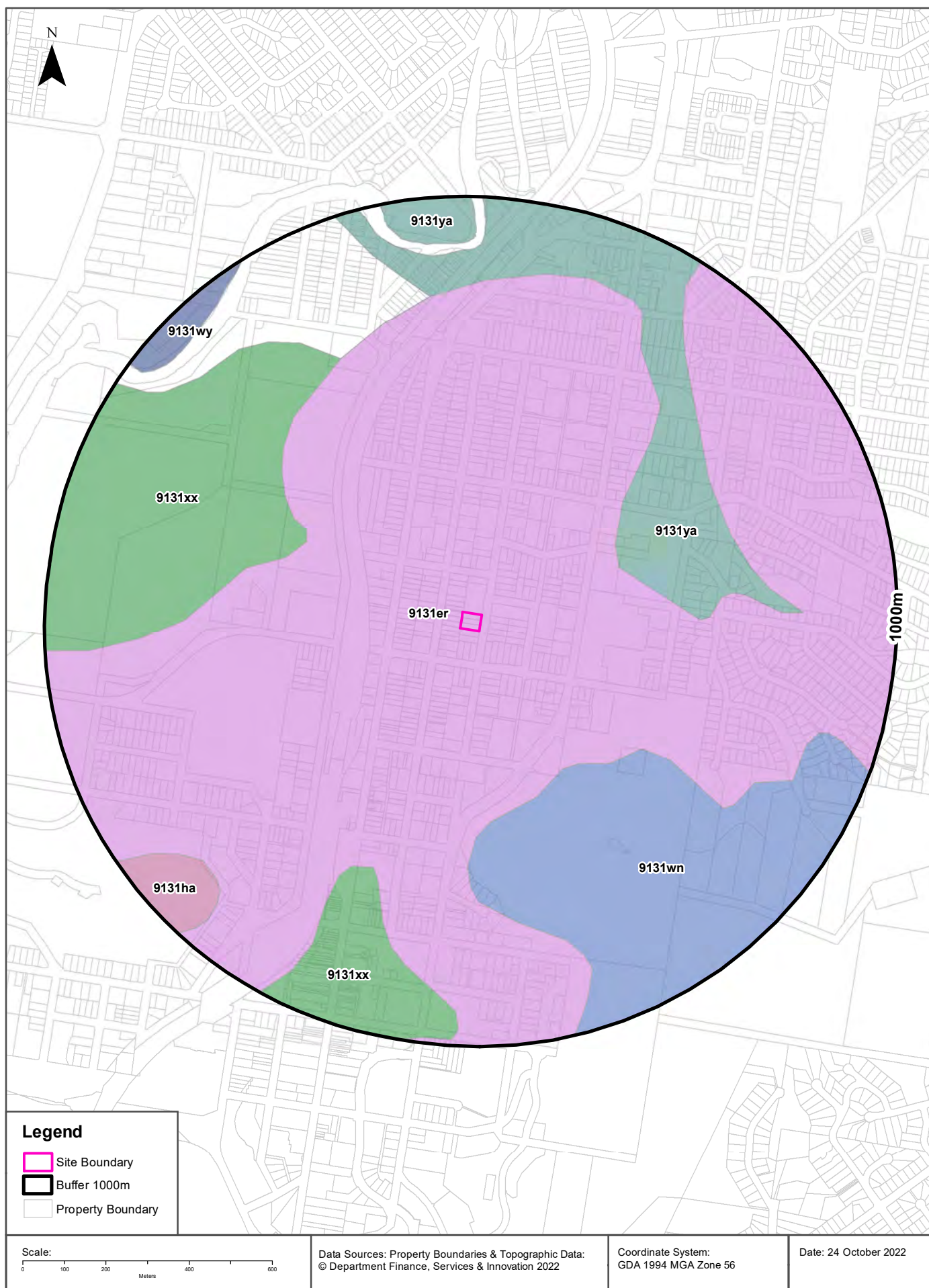
Map Unit Code	Soil Order	Map Unit Description	Distance	Direction
Mb2	Kandosol	Dissected sandstone plateau of moderate to strong relief with sandstone pillars, ledges, and slabs-- level to undulating ridges, irregularly benched slopes, steep ridges, cliffs, canyons, narrow sandy valleys: chief soils are (i) on areas of gentle to moderate relief, acid yellow leached earths (Gn2.74) and (Gn2.34) and acid leached yellow earths (Gn2.24)- sometimes these soils contain ironstone gravel; and (ii) on, or adjacent to, areas of strong relief, siliceous sands (Uc1.2), leached sands (Uc2.12) and (Uc2.2), and shallow forms of the above (Gn2) soils. Associated are: (i) on flat to gently undulating remnants of the original plateau surface, leached sands (Uc2.3), siliceous sands (Uc1.2), sandy earths (Uc5.22), and (Gn2) soils as for (i) above (these areas are in part comparable with unit Cb29); (ii) on flat ironstone gravelly remnants of the original plateau surface, (Gn2) soils as for unit Mb5(i); (iii) on gently undulating ridges where interbedded shales are exposed, shallow, often stony (Dy3.41), (Dr2.21), and related soils similar to unit Tb35; (iv) narrow valleys of (Uc2.3) soils flanked by moderate slopes of (Dy3.41) soils; (v) escarpments of steep hills with shallow (Dy) and (Dr) soils between sandstone pillars; and (vi) shallow (Um) soils, such as (Um6.21) on steep hills of basic rocks. As mapped, minor areas of units Mg20, Mm1, and Mw8 are included. Data are limited.	0m	On-site
Cb27	Podosol	Coastal sand plains and dunes, lagoons, and swampy areas: chief soils are leached sands (Uc2.3 and Uc2.2). Associated are dunes of siliceous sands (Uc1.2) and/or calcareous sands (Uc1.1) fringing the coastline; and swampy areas of (Uf6) soils and (Uc1.2) soils with peaty surfaces. Unit Cb27 has similarities with units Cb28 and Ca6.	357m	South

Atlas of Australian Soils Data Source: CSIRO

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Soil Landscapes of Central and Eastern NSW

182-186 Gertrude Street, North Gosford, NSW 2250



Soils

182-186 Gertrude Street, North Gosford, NSW 2250

Soil Landscapes of Central and Eastern NSW

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

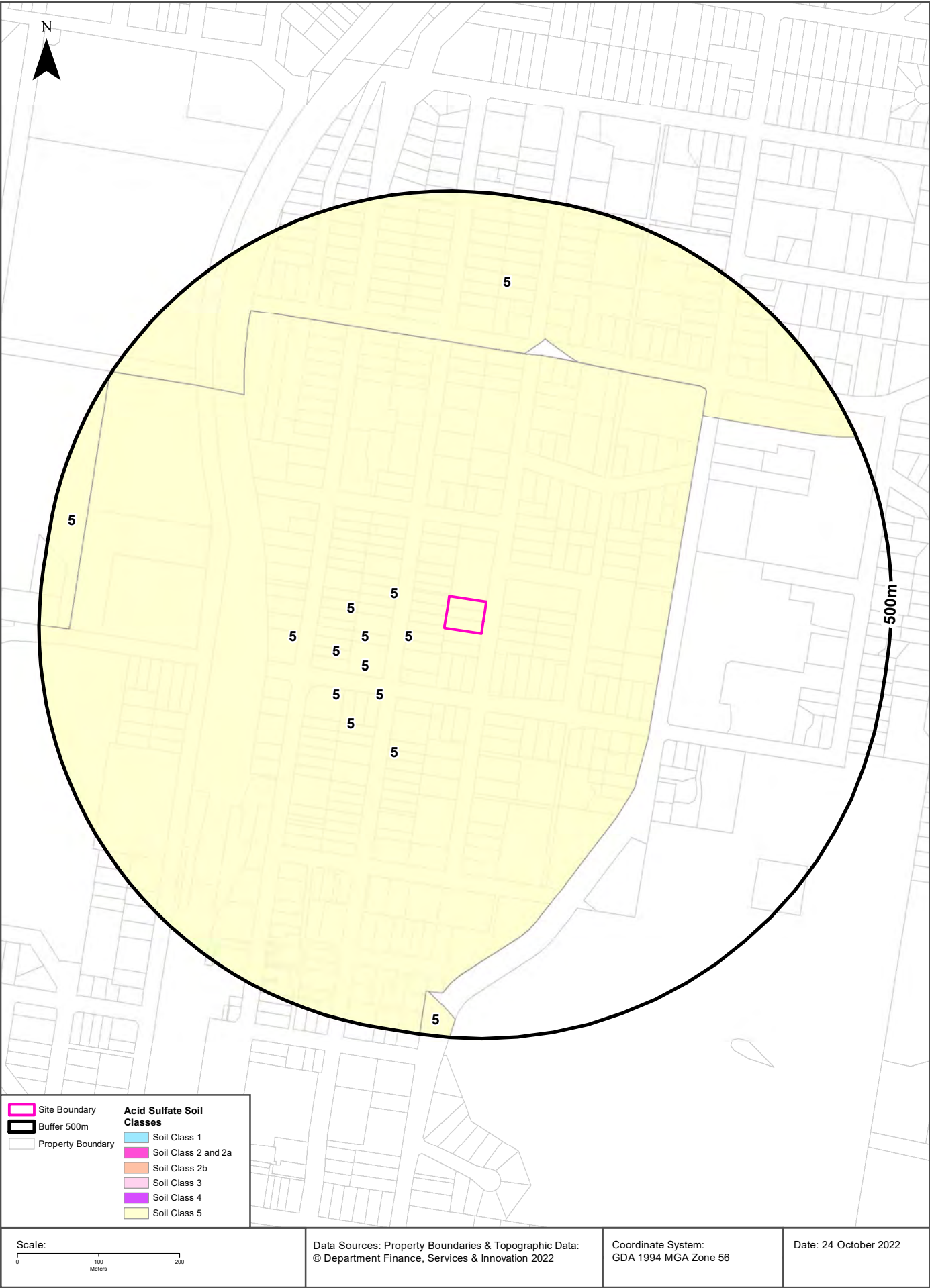
Soil Code	Name	Distance	Direction
9131er	Erina	0m	On-site
9131ya	Yarramalong	349m	North East
9131wn	Watagan	388m	South East
9131xx	Disturbed Terrain	412m	North West
9131ha	Hawkesbury	835m	South West
9131wy	Wyong	922m	North West

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

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Acid Sulfate Soils

182-186 Gertrude Street, North Gosford, NSW 2250



Acid Sulfate Soils

182-186 Gertrude Street, North Gosford, NSW 2250

Environmental Planning Instrument - Acid Sulfate Soils

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

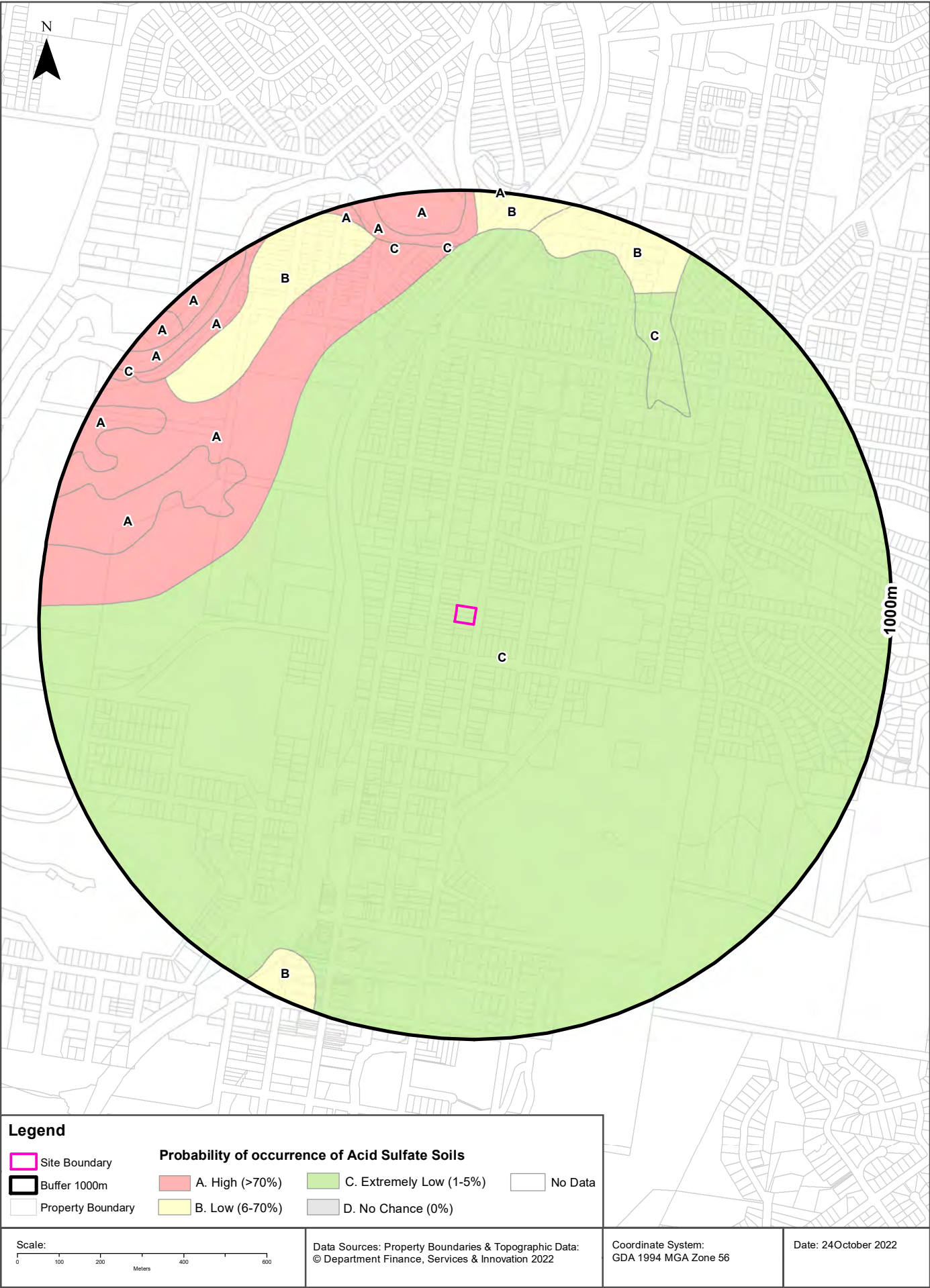
Soil Class	Description	EPI Name
5	Works within 500 metres of adjacent Class 1, 2, 3, or 4 land that is below 5 metres AHD and by which the watertable is likely to be lowered below 1 metre AHD on adjacent Class 1, 2, 3 or 4 land, present an environmental risk	State Environmental Planning Policy (Precincts?Regional) 2021
5	Works within 500 metres of adjacent Class 1, 2, 3, or 4 land that is below 5 metres AHD and by which the watertable is likely to be lowered below 1 metre AHD on adjacent Class 1, 2, 3 or 4 land, present an environmental risk	State Environmental Planning Policy (Gosford City Centre) 2018

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

Soil Class	Description	EPI Name	Distance	Direction
None				

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Acid Sulfate Soils

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Atlas of Australian Acid Sulfate Soils

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

Class	Description	Distance	Direction
C	Extremely low probability of occurrence. 1-5% chance of occurrence with occurrences in small localised areas.	0m	On-site
B	Low Probability of occurrence. 6-70% chance of occurrence.	889m	North
A	High Probability of occurrence. >70% chance of occurrence.	934m	North West

Atlas of Australian Acid Sulfate Soils Data Source: CSIRO

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Dryland Salinity

182-186 Gertrude Street, North Gosford, NSW 2250

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

182-186 Gertrude Street, North Gosford, NSW 2250

Mining Subsidence Districts

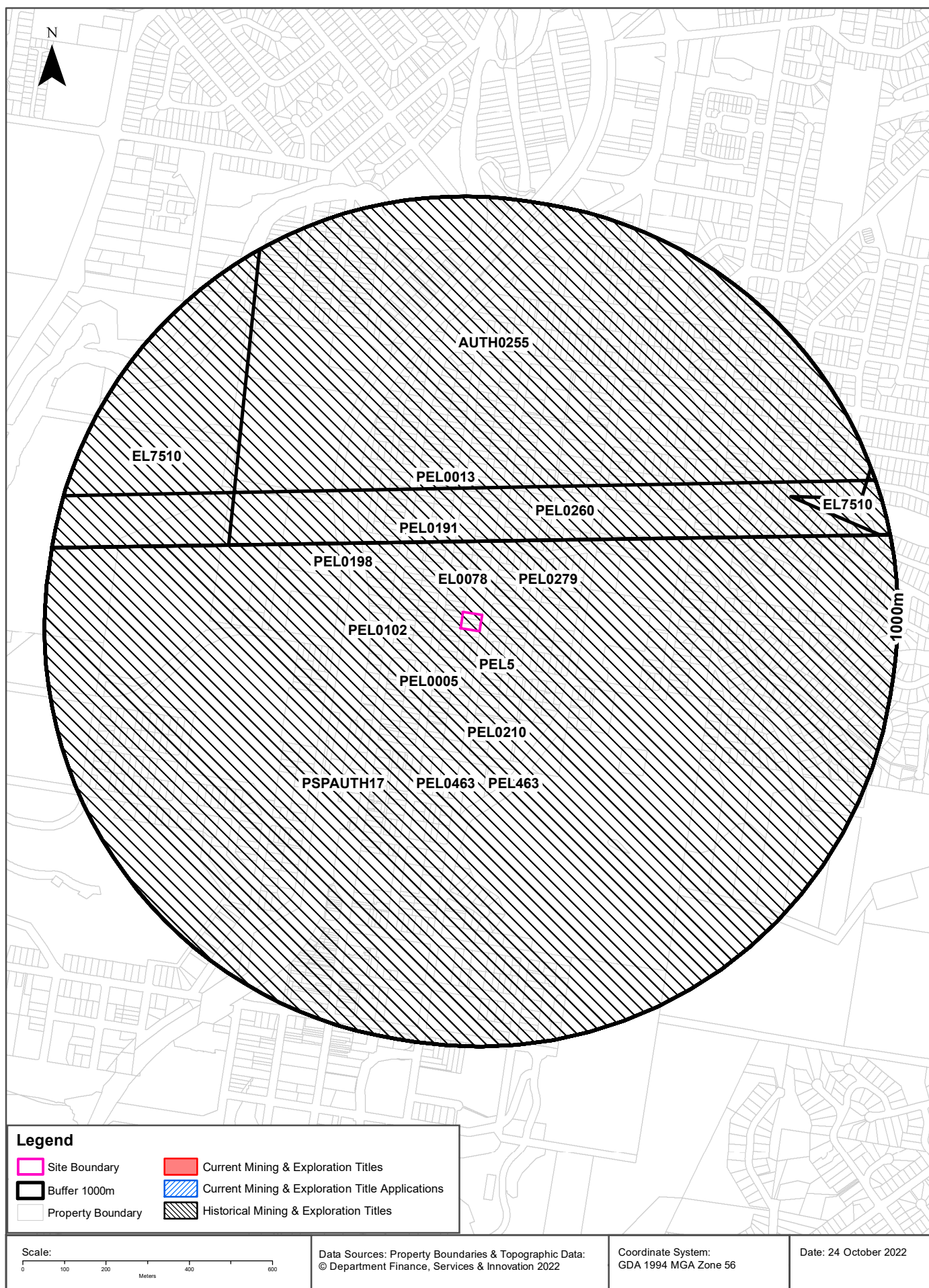
Mining Subsidence Districts within the dataset buffer:

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

182-186 Gertrude Street, North Gosford, NSW 2250



Mining

182-186 Gertrude Street, North Gosford, NSW 2250

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: © State of New South Wales through NSW Department of Industry

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: © State of New South Wales through NSW Department of Industry

Mining

182-186 Gertrude Street, North Gosford, NSW 2250

Historical Mining & Exploration Titles

Historical Mining & Exploration Titles within the dataset buffer:

Title Ref	Holder	Start Date	End Date	Resource	Minerals	Dist	Dir
PEL463	DART ENERGY (APOLLO) PTY LTD			MINERALS		0m	On-site
PEL5	AGL UPSTREAM INVESTMENTS PTY LIMITED			MINERALS		0m	On-site
PSPAUTH17	MACQUARIE ENERGY PTY LTD	20070803	20080703	PETROLEUM	Petroleum	0m	On-site
PEL0102	AUSTRALIAN OIL AND GAS CORPORATION LTD			PETROLEUM	Petroleum	0m	On-site
EL0078	CONTINENTAL OIL CO OF AUSTRALIA LIMITED	19670201	19680201	MINERALS		0m	On-site
PEL0463	DART ENERGY (APOLLO) PTY LTD	20091010	20150603	PETROLEUM	Petroleum	0m	On-site
PEL0279	THE ELECTRICITY COMMISSION OF NSW (TRADING AS PACIFIC POWER)	19910504	19931111	PETROLEUM	Petroleum	0m	On-site
PEL0013	AUSTRALIAN OIL AND GAS CORPORATION LTD			PETROLEUM	Petroleum	0m	On-site
PEL0005	AGL UPSTREAM INVESTMENTS PTY LIMITED	19931111	20150403	PETROLEUM	Petroleum	0m	On-site
PEL0210	THE AUSTRALIAN GAS LIGHT COMPANY (AGL), NORTH BULLI COLLIERIES PTY LTD			PETROLEUM	Petroleum	0m	On-site
PEL0198	JOHN STREVS (TERRIGAL) NL			PETROLEUM	Petroleum	0m	On-site
PEL0191	NORTHWEST OIL AND MINERALS CO NL			PETROLEUM	Petroleum	0m	On-site
PEL0260	NORTH BULLI COLLIERIES PTY LTD, AGL PETROLEUM OPERATIONS PTY LTD, THE AUSTRALIAN GAS LIGHT CO.	19810909	19930803	PETROLEUM	Petroleum	0m	On-site
AUTH0255	THE ELECTRICITY COMMISSION OF NSW (TRADING AS PACIFIC POWER)	19810204	19910204	COAL	Coal	298m	North
EL7510	GRADIENT ENERGY LIMITED	20100407	20110415	MINERALS	Geothermal	585m	North West

Historical Mining & Exploration Titles Data Source: © State of New South Wales through NSW Department of Industry

State Environmental Planning Policy

182-186 Gertrude Street, North Gosford, NSW 2250

State Significant Precincts

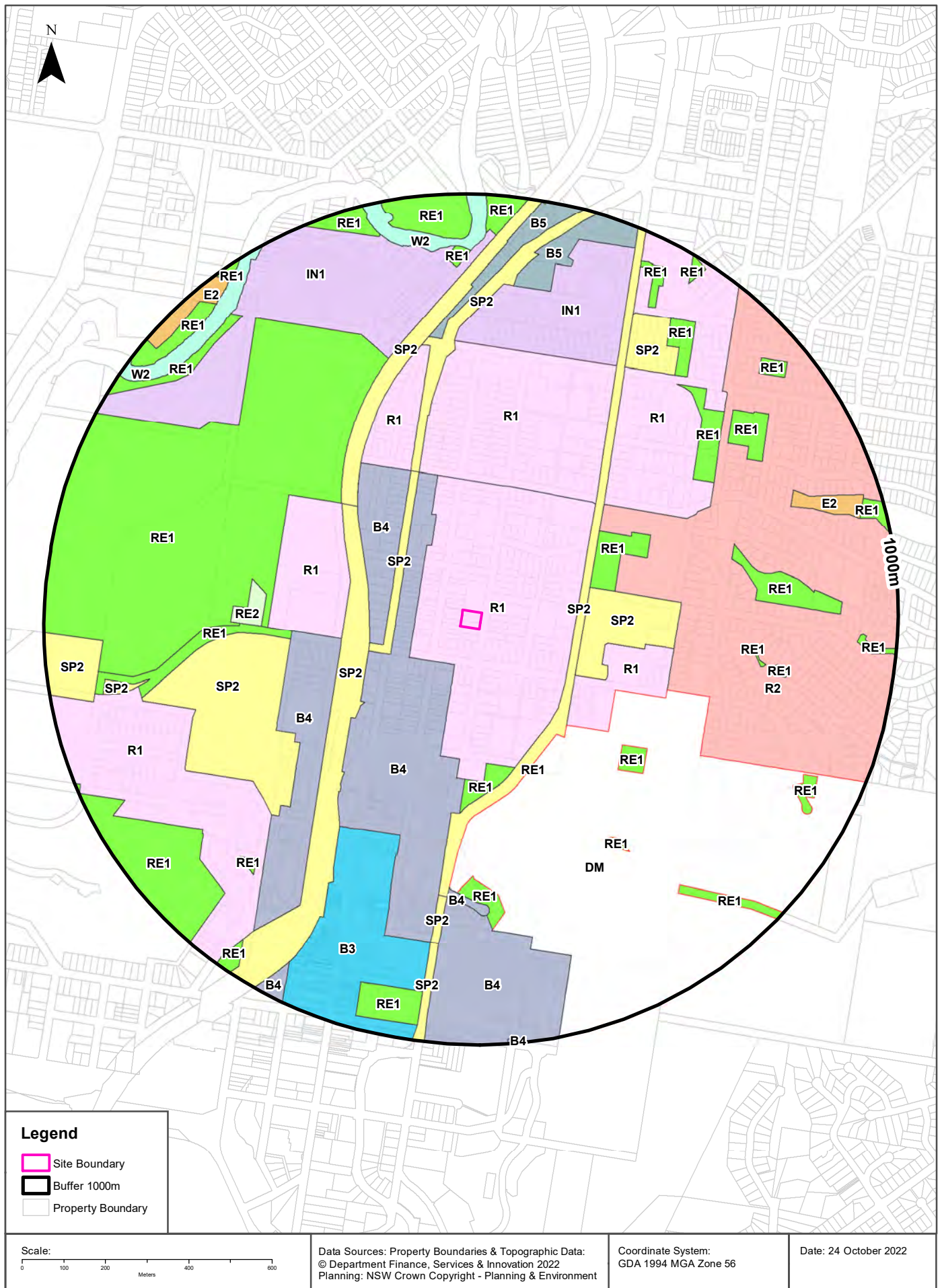
What SEPP State Significant Precincts exist within the dataset buffer?

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

182-186 Gertrude Street, North Gosford, NSW 2250



Environmental Planning Instrument

182-186 Gertrude Street, North Gosford, NSW 2250

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
R1	General Residential		State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		0m	On-site
B4	Mixed Use		State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		94m	South West
SP2	Infrastructure	Road	State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		156m	North West
B4	Mixed Use		State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		176m	North West
SP2	Infrastructure	Rail Infrastructure Facility	State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		218m	South West
SP2	Infrastructure	Road	Gosford Local Environmental Plan 2014	09/11/2018	09/11/2018	01/05/2020	Amendment No 35	224m	North East
SP2	Infrastructure	Health Services Facilities	Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		244m	East
R1	General Residential		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		253m	South East
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		266m	North East
R1	General Residential		State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		278m	West
B4	Mixed Use		State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		287m	South West
R1	General Residential		Gosford Local Environmental Plan 2014	09/11/2018	09/11/2018	01/05/2020	Amendment No 35	309m	North
DM	Deferred Matter		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		311m	South East
RE1	Public Recreation		State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		323m	South
R2	Low Density Residential		Gosford Local Environmental Plan 2014	29/06/2018	29/06/2018	01/05/2020	Amendment No 32	323m	East
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		352m	South
SP2	Infrastructure	Rail Infrastructure Facility	Gosford Local Environmental Plan 2014	09/11/2018	09/11/2018	01/05/2020	Amendment No 35	355m	North
R1	General Residential		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		357m	North
RE1	Public Recreation		Gosford Local Environmental Plan 2014	09/11/2018	09/11/2018	01/05/2020	Amendment No 35	388m	North West
R1	General Residential		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		392m	North East
RE1	Public Recreation		State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		405m	West
SP2	Infrastructure	Health Services Facilities	State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		410m	West
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		441m	South East
RE2	Private Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		472m	West

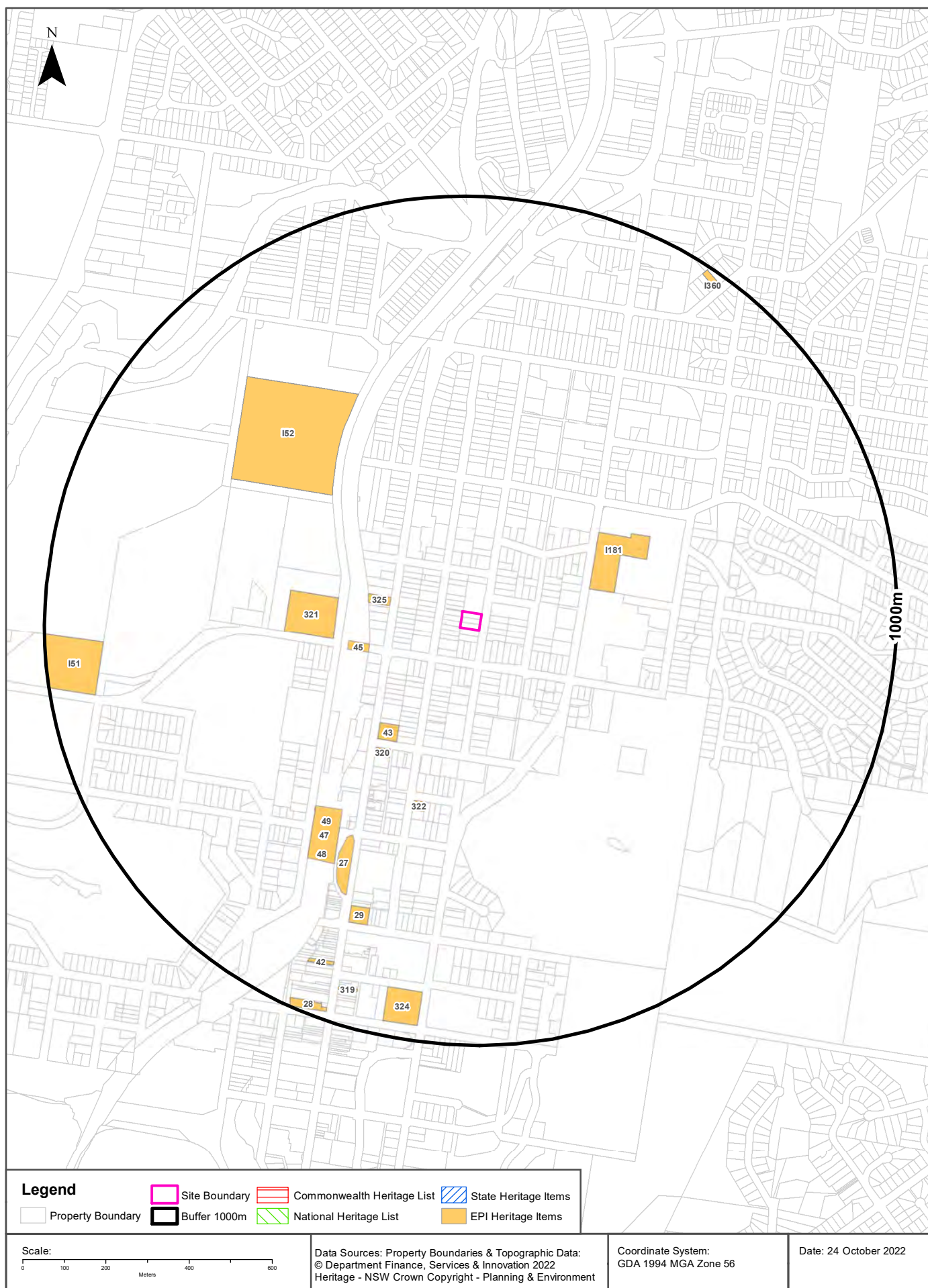
Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
B3	Commercial Core		State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		523m	South
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		589m	South East
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		593m	South
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		599m	North East
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		613m	East
R1	General Residential		State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		623m	South West
B4	Mixed Use		Gosford Local Environmental Plan 2014	09/11/2018	09/11/2018	01/05/2020	Amendment No 35	625m	South
IN1	General Industrial		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		630m	North West
IN1	General Industrial		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		636m	North
SP2	Infrastructure	Road	State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		646m	South
B4	Mixed Use		State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		647m	South
B5	Business Development		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		653m	North
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		655m	East
SP2	Infrastructure	Education & Place of Worship	Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		682m	North East
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		703m	East
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		716m	North East
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		735m	North East
RE1	Public Recreation		State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		745m	South West
SP2	Infrastructure	Health Services Facilities	State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		756m	West
SP2	Infrastructure	Road	State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		762m	South
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		779m	South East
E2	Environmental Conservation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		784m	East
RE1	Public Recreation		State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		789m	South West
B5	Business Development		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		789m	North
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		824m	North
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		837m	North East
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		841m	South East
SP2	Infrastructure	Educational Establishment	Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		859m	West
W2	Recreational Waterways		Gosford Local Environmental Plan 2014	09/11/2018	09/11/2018	01/05/2020	Amendment No 35	863m	North West
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		879m	North East

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
RE1	Public Recreation		State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		882m	South
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		890m	North
RE1	Public Recreation		Gosford Local Environmental Plan 2014	04/08/2017	04/08/2017	01/05/2020	Amendment No 25	903m	North
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		903m	East
B4	Mixed Use		State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		905m	South West
RE1	Public Recreation		State Environmental Planning Policy (Gosford City Centre) 2018	12/10/2018	12/10/2018	12/10/2018		916m	South West
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		918m	North
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		927m	North West
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		933m	North East
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		935m	East
E2	Environmental Conservation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		944m	North West
RE1	Public Recreation		Gosford Local Environmental Plan 2014	11/02/2014	11/02/2014	01/05/2020		971m	North West
B4	Mixed Use		Gosford Local Environmental Plan 2014	09/11/2018	09/11/2018	01/05/2020	Amendment No 35	987m	South

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Heritage Items

182-186 Gertrude Street, North Gosford, NSW 2250



Heritage

182-186 Gertrude Street, North Gosford, NSW 2250

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

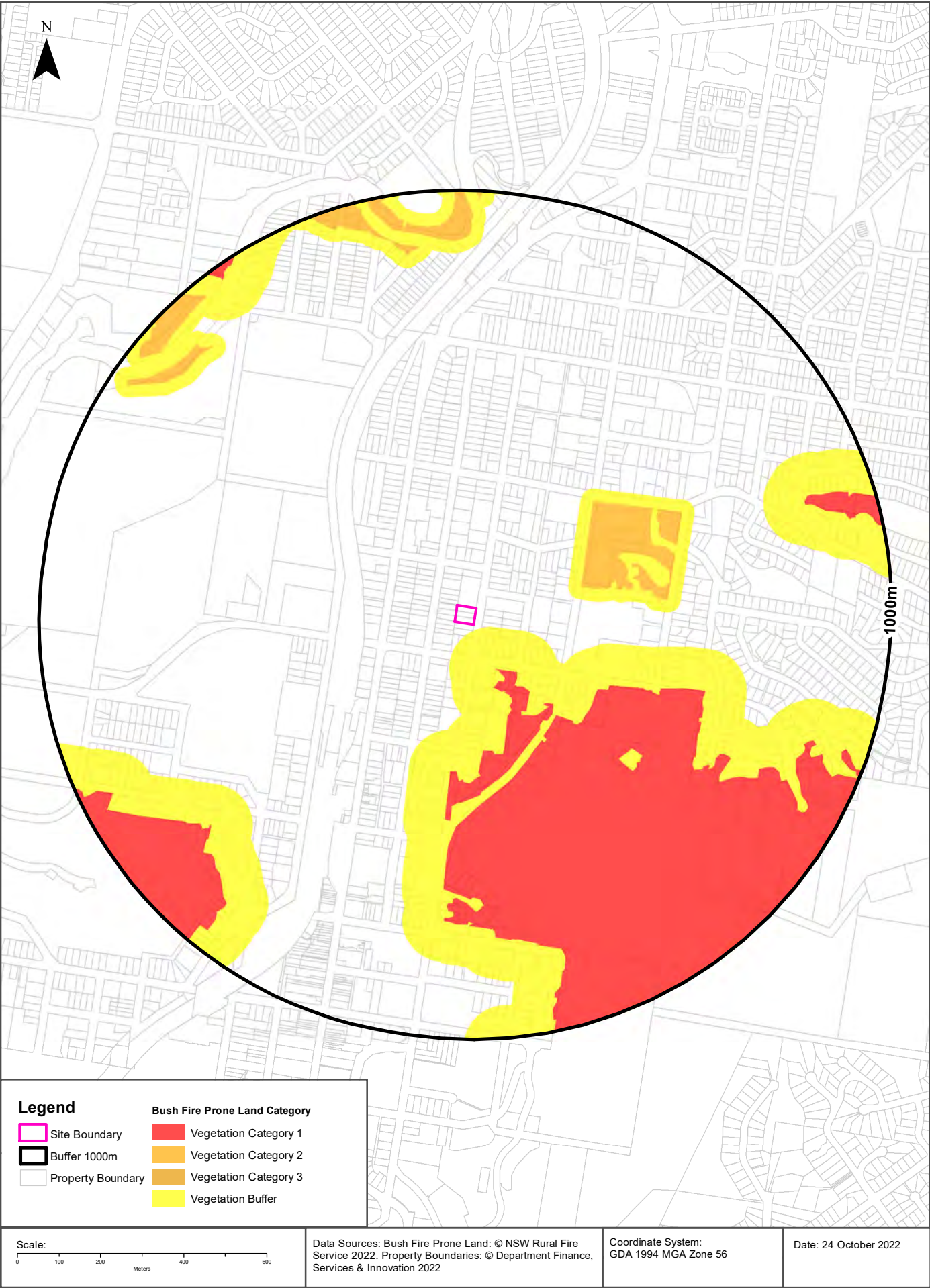
What are the EPI Heritage Items located within the dataset buffer?

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
325	Three art deco shopfronts	Item - General	Local	State Environmental Planning Policy (Precincts?Regional) 2021	02/12/2021	01/03/2022	01/03/2022	176m	West
45	Railway bridge and viaduct	Item - General	Local	State Environmental Planning Policy (Precincts?Regional) 2021	02/12/2021	01/03/2022	01/03/2022	222m	West
I181	Former cemetery, "Brady's Gully"	Item - General	Local	Central Coast Local Environmental Plan 2022	24/06/2022	01/08/2022	01/08/2022	266m	North East

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
43	Mitre 10 store	Item - General	Local	State Environmental Planning Policy (Precincts?Regional) 2021	02/12/2021	01/03/2022	01/03/2022	279m	South West
321	Part of Gosford High School	Item - General	Local	State Environmental Planning Policy (Precincts?Regional) 2021	02/12/2021	01/03/2022	01/03/2022	300m	West
320	Steps of former private hospital	Item - General	Local	State Environmental Planning Policy (Precincts?Regional) 2021	02/12/2021	01/03/2022	01/03/2022	339m	South West
152	Dwyer Pavilion	Item - General	Local	Central Coast Local Environmental Plan 2022	24/06/2022	01/08/2022	01/08/2022	421m	North West
322	House	Item - General	Local	State Environmental Planning Policy (Precincts?Regional) 2021	02/12/2021	01/03/2022	01/03/2022	428m	South
48	Signal box, water column and tank	Item - General	Local	State Environmental Planning Policy (Precincts?Regional) 2021	02/12/2021	01/03/2022	01/03/2022	522m	South West
49	Large-faced clock with wooden frame	Item - General	Local	State Environmental Planning Policy (Precincts?Regional) 2021	02/12/2021	01/03/2022	01/03/2022	522m	South West
47	Railway turntable	Item - General	Local	State Environmental Planning Policy (Precincts?Regional) 2021	02/12/2021	01/03/2022	01/03/2022	522m	South West
27	Burns Place Park, feature eucalypt and stands of mature trees	Item - General	Local	State Environmental Planning Policy (Precincts?Regional) 2021	02/12/2021	01/03/2022	01/03/2022	562m	South West
29	Gosford Hotel	Item - General	Local	State Environmental Planning Policy (Precincts?Regional) 2021	02/12/2021	01/03/2022	01/03/2022	710m	South
151	Gosford State Forest Nursery	Item - General	Local	Central Coast Local Environmental Plan 2022	24/06/2022	01/08/2022	01/08/2022	859m	West
42	Building facade, First National Real Estate	Item - General	Local	State Environmental Planning Policy (Precincts?Regional) 2021	02/12/2021	01/03/2022	01/03/2022	861m	South West
324	William Street Well	Item - General	Local	State Environmental Planning Policy (Precincts?Regional) 2021	02/12/2021	01/03/2022	01/03/2022	882m	South
319	Shopfront	Item - General	Local	State Environmental Planning Policy (Precincts?Regional) 2021	02/12/2021	01/03/2022	01/03/2022	906m	South
1360	House	Item - General	Local	Central Coast Local Environmental Plan 2022	24/06/2022	01/08/2022	01/08/2022	964m	North East
28	Union Hotel	Item - General	Local	State Environmental Planning Policy (Precincts?Regional) 2021	02/12/2021	01/03/2022	01/03/2022	964m	South West

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Natural Hazards

182-186 Gertrude Street, North Gosford, NSW 2250

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 Buffer	14m	East
Vegetation Category 1	114m	South
Vegetation Category 2	256m	North East

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

182-186 Gertrude Street, North Gosford, NSW 2250



Ecological Constraints

182-186 Gertrude Street, North Gosford, NSW 2250

Vegetation of Gosford LGA

What vegetation of Gosford LGA exists within the dataset buffer?

Veg Class	Community	Keith Class	REMS Name	Key Species	EEC Equivalent	Myrtle Rust	Significance	Distance	Direction
Xr	Disturbed - Canopy Only			various	Individual site assessment required	Low		0m	On-site
E22ai	E22ai - Narrabeen Coastal Blackbutt Forest	Northern Hinterland Wet Sclerophyll Forests	Coastal Narrabeen Shrub Forest	E.pilularis S.glomulifera A.torulosa		High	Regionally Significant Vegetation	114m	South
E6ai	E6ai - Coastal Narrabeen Moist Forest	North Coast Wet Sclerophyll Forests	Coastal Narrabeen Moist Forest	E.saligna A.torulosa S.glomulifera E.acmenoides E.pilularis		Extreme		221m	North East
Xs	Disturbed - Regrowth			various	Individual site assessment required	Low		439m	North West
E37	E37 - Swamp Mahogany - Paperbark Forest	Coastal Swamp Forests	Swamp Mahogany - Paperbark Forest	E.robusta M.linariifolia M.sieberi M.styphelioides E.resinifera	Swamp Sclerophyll Forest on Coastal Floodplains EEC	Extreme	Endangered Ecological Communities	442m	North West
E22c	E22c - Narrabeen Coastal Peppermint Forest	Sydney Coastal Dry Sclerophyll Forests	Coastal Narrabeen Shrub Forest	E.piperita C.gummifera A.costata		Low	Regionally Significant Vegetation	787m	East
E40i	E40i - Estuarine Swamp Oak Forest	Coastal Floodplain Wetlands	Swamp Oak - Rushland Forest	C.glauca B.junceae	Swamp Oak Floodplain Forest EEC	Low	Endangered Ecological Communities	850m	North
Water	Water					Low		862m	North West
E47	E47 - Estuarine Mangrove Scrub	Mangrove Swamps	Mangrove Estuarine Complex	A.marina A.corniculatum		Low	Regionally Significant Vegetation	902m	North West
E47a	E47a - Estuarine Saltmarsh/Grassland	Saltmarshes	Mangrove Estuarine Complex	S.quinqueflora S.repens S.australis Z.macrantha Svirginicus	Coastal Saltmarsh EEC	Low	Endangered Ecological Communities	972m	North West

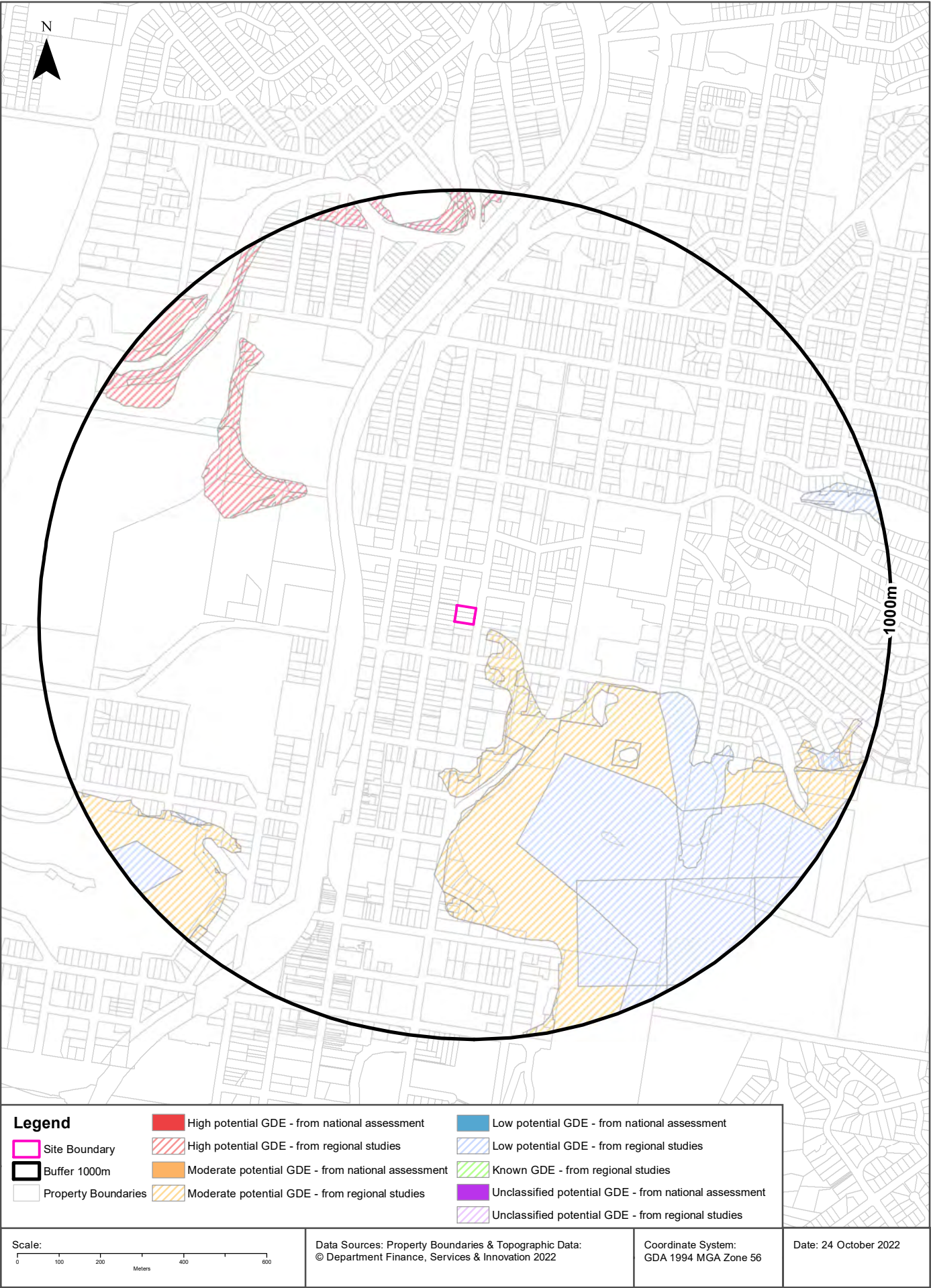
Vegetation of Gosford LGA: Council of the City of Gosford / NSW Office of Environment and Heritage

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

182-186 Gertrude Street, North Gosford, NSW 2250

Groundwater Dependent Ecosystems Atlas

Type	GDE Potential	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
Terrestrial	Moderate potential GDE - from regional studies	Deeply dissected sandstone plateaus.	Vegetation		38m	South East
Terrestrial	Low potential GDE - from regional studies	Deeply dissected sandstone plateaus.	Vegetation		381m	South East
Terrestrial	High potential GDE - from regional studies	Deeply dissected sandstone plateaus.	Vegetation		452m	North West

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

182-186 Gertrude Street, North Gosford, NSW 2250



Ecological Constraints

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Inflow Dependent Ecosystems Likelihood

Type	IDE Likelihood	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
Terrestrial	1	Deeply dissected sandstone plateaus.	Vegetation		38m	South East
Terrestrial	7	Deeply dissected sandstone plateaus.	Vegetation		97m	South East
Terrestrial	2	Deeply dissected sandstone plateaus.	Vegetation		275m	South
Terrestrial	4	Deeply dissected sandstone plateaus.	Vegetation		381m	South East
Terrestrial	3	Deeply dissected sandstone plateaus.	Vegetation		589m	South East
Terrestrial	10	Deeply dissected sandstone plateaus.	Vegetation		646m	North West
Terrestrial	5	Deeply dissected sandstone plateaus.	Vegetation		749m	South East
Terrestrial	6	Deeply dissected sandstone plateaus.	Vegetation		749m	South East
Terrestrial	8	Deeply dissected sandstone plateaus.	Vegetation		910m	South East

Inflow Dependent Ecosystems Likelihood Data Source: The Bureau of Meteorology

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Ecological Constraints

182-186 Gertrude Street, North Gosford, NSW 2250

NSW BioNet Atlas

Species on the NSW BioNet Atlas that have a NSW or federal conservation status, a NSW sensitivity status, or are listed under a migratory species agreement, and are within 10km of the site?

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Amphibia	Heleioporus australiacus	Giant Burrowing Frog	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Amphibia	Litoria aurea	Green and Golden Bell Frog	Endangered	Not Sensitive	Vulnerable	
Animalia	Amphibia	Litoria brevipalmata	Green-thighed Frog	Vulnerable	Not Sensitive	Not Listed	
Animalia	Amphibia	Mixophyes balbus	Stuttering Frog	Endangered	Category 2	Vulnerable	
Animalia	Amphibia	Mixophyes iteratus	Giant Barred Frog	Endangered	Category 2	Endangered	
Animalia	Amphibia	Pseudophryne australis	Red-crowned Toadlet	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Actitis hypoleucos	Common Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Anthochaera phrygia	Regent Honeyeater	Critically Endangered	Not Sensitive	Critically Endangered	
Animalia	Aves	Apus pacificus	Fork-tailed Swift	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Ardenna carneipes	Flesh-footed Shearwater	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	Ardenna grisea	Sooty Shearwater	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Ardenna pacifica	Wedge-tailed Shearwater	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Ardenna tenuirostris	Short-tailed Shearwater	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Artamus cyanopterus	Dusky Woodswallow	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Botaurus poiciloptilus	Australasian Bittern	Endangered	Not Sensitive	Endangered	
Animalia	Aves	Burhinus grallarius	Bush Stone-curlew	Endangered	Not Sensitive	Not Listed	
Animalia	Aves	Calidris acuminata	Sharp-tailed Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calidris canutus	Red Knot	Not Listed	Not Sensitive	Endangered	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calidris ferruginea	Curlew Sandpiper	Endangered	Not Sensitive	Critically Endangered	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calidris ruficollis	Red-necked Stint	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calidris tenuirostris	Great Knot	Vulnerable	Not Sensitive	Critically Endangered	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Callocephalon fimbriatum	Gang-gang Cockatoo	Vulnerable	Category 3	Endangered	
Animalia	Aves	Calyptorhynchus lathamii	Glossy Black-Cockatoo	Vulnerable	Category 2	Not Listed	
Animalia	Aves	Certhionyx variegatus	Pied Honeyeater	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Charadrius leschenaultii	Greater Sand-plover	Vulnerable	Not Sensitive	Vulnerable	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Charadrius mongolus	Lesser Sand-plover	Vulnerable	Not Sensitive	Endangered	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Chthonicola sagittata	Speckled Warbler	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Circus assimilis	Spotted Harrier	Vulnerable	Not Sensitive	Not Listed	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	Climacteris picumnus victoriae	Brown Treecreeper (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Coracina lineata	Barred Cuckoo-shrike	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Cuculus optatus	Oriental Cuckoo	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Daphoenositta chrysoptera	Varied Sittella	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Diomedea exulans	Wandering Albatross	Endangered	Not Sensitive	Endangered	
Animalia	Aves	Ephippiorhynchus asiaticus	Black-necked Stork	Endangered	Not Sensitive	Not Listed	
Animalia	Aves	Epthianura albifrons	White-fronted Chat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Falco subniger	Black Falcon	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Gallinago hardwickii	Latham's Snipe	Not Listed	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	Glossopsitta pusilla	Little Lorikeet	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Grantiella picta	Painted Honeyeater	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Aves	Gygis alba	White Tern	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Haematopus fuliginosus	Sooty Oystercatcher	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Haematopus longirostris	Pied Oystercatcher	Endangered	Not Sensitive	Not Listed	
Animalia	Aves	Haliaeetus leucogaster	White-bellied Sea-Eagle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Hamirostra melanosternon	Black-breasted Buzzard	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Hieraaetus morphnoides	Little Eagle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Hirundapus caudacutus	White-throated Needletail	Not Listed	Not Sensitive	Vulnerable	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Hydroprogne caspia	Caspian Tern	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Irediparra gallinacea	Comb-crested Jacana	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Ixobrychus flavicollis	Black Bittern	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Lathamus discolor	Swift Parrot	Endangered	Category 3	Critically Endangered	
Animalia	Aves	Limosa lapponica	Bar-tailed Godwit	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Limosa limosa	Black-tailed Godwit	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Lophoictinia isura	Square-tailed Kite	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Macronectes giganteus	Southern Giant Petrel	Endangered	Not Sensitive	Endangered	
Animalia	Aves	Melithreptus gularis gularis	Black-chinned Honeyeater (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Neophema pulchella	Turquoise Parrot	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Nettapus coromandelianus	Cotton Pygmy-Goose	Endangered	Not Sensitive	Not Listed	
Animalia	Aves	Ninox connivens	Barking Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Ninox strenua	Powerful Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Numenius madagascariensis	Eastern Curlew	Not Listed	Not Sensitive	Critically Endangered	ROKAMBA;CAMBA; JAMBA

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	Numenius minutus	Little Curlew	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Numenius phaeopus	Whimbrel	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Onychoprion fuscata	Sooty Tern	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Pachycephala olivacea	Olive Whistler	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Pandion cristatus	Eastern Osprey	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Petroica boodang	Scarlet Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Petroica phoenicea	Flame Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Phaethon rubricauda	Red-tailed Tropicbird	Vulnerable	Not Sensitive	Not Listed	CAMBA;JAMBA
Animalia	Aves	Pluvialis fulva	Pacific Golden Plover	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Pluvialis squatarola	Grey Plover	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Pomatostomus temporalis temporalis	Grey-crowned Babbler (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Pterodroma nigripennis	Black-winged Petrel	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Ptilinopus magnificus	Wompoo Fruit-Dove	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Ptilinopus superbus	Superb Fruit-Dove	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Puffinus assimilis	Little Shearwater	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Stercorarius parasiticus	Arctic Jaeger	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Sterna hirundo	Common Tern	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Sternula albifrons	Little Tern	Endangered	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Thalassarche cauta	Shy Albatross	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Aves	Thalassarche chrysostoma	Grey-headed Albatross	Not Listed	Not Sensitive	Endangered	
Animalia	Aves	Thalassarche melanophris	Black-browed Albatross	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Aves	Thalasseus bergii	Crested Tern	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Todiramphus chloris	Collared Kingfisher	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Tringa brevipes	Grey-tailed Tattler	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Tringa glareola	Wood Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Tringa nebularia	Common Greenshank	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Tringa stagnatilis	Marsh Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Turnix maculosus	Red-backed Button-quail	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Tyto novaehollandiae	Masked Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Tyto tenebricosa	Sooty Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Xenus cinereus	Terek Sandpiper	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Mammalia	Arctocephalus forsteri	New Zealand Fur-seal	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Arctocephalus pusillus doriferus	Australian Fur-seal	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Cercartetus nanus	Eastern Pygmy-possum	Vulnerable	Not Sensitive	Not Listed	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Mammalia	Chalinolobus dwyeri	Large-eared Pied Bat	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Dasyurus maculatus	Spotted-tailed Quoll	Vulnerable	Not Sensitive	Endangered	
Animalia	Mammalia	Dasyurus viverrinus	Eastern Quoll	Endangered	Not Sensitive	Endangered	
Animalia	Mammalia	Dugong dugon	Dugong	Endangered	Not Sensitive	Not Listed	
Animalia	Mammalia	Eubalaena australis	Southern Right Whale	Endangered	Not Sensitive	Endangered	
Animalia	Mammalia	Falsistrellus tasmaniensis	Eastern False Pipistrelle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Isodon obesulus obesulus	Southern Brown Bandicoot (eastern)	Endangered	Not Sensitive	Endangered	
Animalia	Mammalia	Macropus parma	Parma Wallaby	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Megaptera novaeangliae	Humpback Whale	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Micronomus norfolkensis	Eastern Coastal Free-tailed Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Miniopterus australis	Little Bent-winged Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Miniopterus orianae oceanensis	Large Bent-winged Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Myotis macropus	Southern Myotis	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Nyctophilus bifax	Eastern Long-eared Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Petauroides volans	Greater Glider	Not Listed	Not Sensitive	Endangered	
Animalia	Mammalia	Petaurus australis	Yellow-bellied Glider	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Petaurus australis	Yellow-bellied Glider	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Petaurus norfolkensis	Squirrel Glider	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Phascolarctos cinereus	Koala	Endangered	Not Sensitive	Endangered	
Animalia	Mammalia	Phoniscus papuensis	Golden-tipped Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Potorous tridactylus	Long-nosed Potoroo	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Pseudomys gracilicaudatus	Eastern Chestnut Mouse	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Pteropus poliocephalus	Grey-headed Flying-fox	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Saccolaimus flaviventris	Yellow-bellied Sheath-tail-bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Scoteanax rueppellii	Greater Broad-nosed Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Vespadelus trougtoni	Eastern Cave Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Reptilia	Antaresia stimsoni	Stimson's Python	Vulnerable	Not Sensitive	Not Listed	
Animalia	Reptilia	Caretta caretta	Loggerhead Turtle	Endangered	Not Sensitive	Endangered	
Animalia	Reptilia	Chelonia mydas	Green Turtle	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Reptilia	Dermochelys coriacea	Leatherback Turtle	Endangered	Not Sensitive	Endangered	
Animalia	Reptilia	Eretmochelys imbricata	Hawksbill Turtle	Not Listed	Not Sensitive	Vulnerable	
Animalia	Reptilia	Hoplocephalus bitorquatus	Pale-headed Snake	Vulnerable	Not Sensitive	Not Listed	
Animalia	Reptilia	Hoplocephalus bungaroides	Broad-headed Snake	Endangered	Category 2	Vulnerable	
Animalia	Reptilia	Hoplocephalus stephensii	Stephens' Banded Snake	Vulnerable	Not Sensitive	Not Listed	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Reptilia	Varanus rosenbergi	Rosenberg's Goanna	Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Acacia pubescens	Downy Wattle	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Ancistrachne maidenii		Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Baloskion longipes	Dense Cord-rush	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Callistemon linearifolius	Netted Bottle Brush	Vulnerable	Category 3	Not Listed	
Plantae	Flora	Chamaesyce psammogeton	Sand Spurge	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Cryptostylis hunteriana	Leafless Tongue Orchid	Vulnerable	Category 2	Vulnerable	
Plantae	Flora	Darwinia glaucophylla		Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Dendrobium melaleucaphilum	Spider orchid	Endangered	Category 2	Not Listed	
Plantae	Flora	Diuris bracteata		Endangered	Category 2	Extinct	
Plantae	Flora	Epacris purpurascens var. purpurascens		Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Eucalyptus camfieldii	Camfield's Stringybark	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Eucalyptus glaucina	Slaty Red Gum	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Eucalyptus nicholii	Narrow-leaved Black Peppermint	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Eucalyptus scoparia	Wallangarra White Gum	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Grammitis stenophylla	Narrow-leaf Finger Fern	Endangered	Category 3	Not Listed	
Plantae	Flora	Grevillea shiressii		Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Hibbertia procumbens	Spreading Guinea Flower	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Hibbertia puberula		Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Lindsaea fraseri	Fraser's Screw Fern	Endangered	Category 3	Not Listed	
Plantae	Flora	Macadamia tetraphylla	Rough-shelled Bush Nut	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Melaleuca biconvexa	Biconvex Paperbark	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Melaleuca deanei	Deane's Paperbark	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Persoonia hirsuta	Hairy Geebung	Endangered	Category 3	Endangered	
Plantae	Flora	Prostanthera askania	Tranquility Mintbush	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Prostanthera junonis	Somersby Mintbush	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Rhodamnia rubescens	Scrub Turpentine	Critically Endangered	Not Sensitive	Critically Endangered	
Plantae	Flora	Rhodomyrtus psidioides	Native Guava	Critically Endangered	Not Sensitive	Critically Endangered	
Plantae	Flora	Senecio spathulatus	Coast Groundsel	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Senna acclinis	Rainforest Cassia	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Syzygium hodgkinsoniae	Red Lilly Pilly	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Syzygium paniculatum	Magenta Lilly Pilly	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Tetratheca glandulosa		Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Tetratheca juncea	Black-eyed Susan	Vulnerable	Not Sensitive	Vulnerable	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Plantae	Flora	Tinospora smilacina	Tinospora Vine	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Tylophora woollsii	Cryptic Forest Twiner	Endangered	Not Sensitive	Endangered	

Data does not include NSW category 1 sensitive species.

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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
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