

## RMB GROUP PTY LTD





# Preliminary Site Investigation

10-28 Lawrence Street, Freshwater NSW 2096

# Document Control

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## Executive Summary

EI Australia (EI) was engaged by RMB Group Pty Ltd ('the client') to conduct a preliminary investigation of 10-28 Lawrence Street, Freshwater NSW 2096 ('the site').

The site is within the local government area of Northern Beaches Council. It comprises Lot 1 of Deposited Plan (DP) 900061, Lot 1 of DP100563, Lot 1 of DP578401, Lot 45 of DP974653 and Lot 1 of DP595422. The combined property covers an area of approximately 2,527 m<sup>2</sup>. At the time of this investigation, the land was occupied by multiple mixed commercial and residential buildings, with on-grade car parking areas.

The site was earmarked for redevelopment and this preliminary site investigation (PSI) was completed in support of a Development Application to Northern Beaches Council. The aim was to appraise the environmental (potential contamination) conditions of the site.

### **Main Objectives**

- To provide a qualitative assessment of the environmental conditions of the site, by appraising the potential for contamination on the basis of field observations, historical land uses and other anecdotal and documentary evidence;
- To make a conclusion about the suitability of the site for its proposed use; and
- To make recommendations for further investigation of the site, should the potential for contamination be confirmed.

### **Key Findings**

The key findings of this PSI are as follows:

- The site was used for residential purposes before the 1950s / 1960s, when commercial operations were developed at the site. The activities with possible environmental contaminations are related to a former dry-cleaning business on No. 22 Lawrence Street (during 1975-1986) and the current dry-cleaning business on No. 28 Lawrence Street.
- The site and surrounding lands within close proximity (≤250m radius) were free of statutory notices and licensing agreements issued under the *Contaminated Land Management Act 1997* and *Protection of the Environment Operations Act 1997*. The site was not included on the *List of NSW Contaminated Sites Notified to the EPA*.
- No gross contaminations were detected during the site inspection. Fibre cement sheeting (FCS) formed parts of the building fabric, including the eaves, roofing and flooring.
- There were no evidences of underground storage tanks (USTs) or above ground storage tanks (ASTs) installed on the site.
- The sub-surface profile of the site comprises a sequence of concrete slab underlain by fill, consisting of silty and gravelly sand with crushed sandstone and bricks, then sandstone bedrock. The potential for acid sulfate soils to be present on the site was considered to be very low.
- The presence of a shallow (<2 metres below ground level) groundwater table was inferred. The local groundwater flow direction was anticipated to be easterly, towards Freshwater Beach.
- The conceptual site model established a potential for contamination to be present within the site area. Therefore, the risks to human and environmental receptors posed by the identified contaminant sources warrant further (detailed / field-based) investigations.

Based on the findings of this PSI, and with consideration of EI Statement of Limitations (**Section 8**), it was concluded that there is a potential for contamination to exist on the site.

Further investigations are warranted, as described in **Section 7**, in order to determine the land suitability for the proposed residential and mixed-use development.

# 1. Introduction

## Background and Purpose

EI Australia (EI) was engaged by RMB Group Pty Ltd ('the client') to conduct a preliminary investigation of 10-28 Lawrence Street, Freshwater NSW 2096 ('the site').

The site is located 13km north-east of the Sydney central business district (CBD), within the local government area (LGA) of Northern Beaches Council (**Figure 1, Appendix A**). It comprises Lot 1 of Deposited Plan (DP) 900061, Lot 1 of DP100563, Lot 1 of DP578401, Lot 45 of DP974653 and Lot 1 of DP595422. The combined property covers an area of approximately 2,527 m<sup>2</sup> (**Figure 2, Appendix A**). At the time of this investigation, the land was occupied by multiple mixed commercial and residential buildings, with on-grade car parking areas.

The site was earmarked for redevelopment and this preliminary site investigation (PSI) was completed in support of a Development Application to Northern Beaches Council. The aim was to appraise the environmental (potential contamination) conditions of the site.

## Proposed Development

Based on the supplied plans (**Appendix B**), the site redevelopment will involve the demolition of existing structures, followed by the construction of a mixed use residential and commercial development, overlying a two-level basement.

The basements are to be constructed up to the site boundaries. No deep soil area is proposed.

## Project Objectives

The objectives of this PSI were to:

- Provide a qualitative assessment of the environmental condition of the site, by appraising the potential for contamination on the basis of field observations, historical land uses and other anecdotal and documentary evidence;
- Make a conclusion about the suitability of the site for its proposed use; and
- Make recommendations for further investigation of the site, should the potential for contamination be confirmed.

## Scope of Works

In order to achieve the above objectives, the following scope of works was completed:

- Review of relevant (hydro)geological and soil landscape maps for the project area;
- A site walkover inspection;
- Review of previous investigation reports;
- Review of the site history, based on an environmental risk and planning report prepared by Lotsearch Pty Ltd ('Lotsearch'), aerial photographs (dating back to 1943) and property files archived by Northern Beaches Council;
- Searches of public registers maintained by the New South Wales Environment Protection Authority (NSW EPA) for statutory notices and licensing agreements issued under the *Contaminated Land Management Act 1997* and *Protection of the Environment Operations Act 1997*;
- A search of the *List of NSW Contaminated Sites Notified to the EPA*;
- Presentation of a conceptual site model (CSM); and
- Data interpretation and reporting.

This PSI report was completed with reference to the NSW EPA (2020) *Consultants Reporting on Contaminated Land: Contaminated Land Guidelines*. It documents the investigation works, with discussion of the findings in regards to potential exposure pathways to human health and the environment. It concludes with statements concerning the potential for contamination to exist on the land and the site suitability for the proposed use.

## Regulatory Framework

The following regulatory framework and guidelines were considered during this PSI:

- *Contaminated Land Management Act 1997* (the CLM Act 1997);
- *Protection of the Environment Operations Act 1997* (the POEO Act 1997);
- *Environmental Planning and Assessment Act 1979* (the EP&A Act 1979);
- *Warringah Local Environmental Plan 2011*;
- NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Amendment Measure*;
- NSW EPA (2017) *Guidelines for the NSW Site Auditor Scheme*; and
- NSW EPA (2020) *Consultants Reporting on Contaminated Land: Contaminated Land Guidelines*.

## 2. Site Description

### Property Identification, Location and Physical Setting

The site identification details and associated information are presented in **Table 2-1**. The site locality and assessment area are shown in **Figures 1 and 2, Appendix A**.

**Table 2-1 Site Identification**

Attribute	Description
Street Address	10-28 Lawrence Street, Freshwater NSW 2096
Location and Description	Bound by Lawrence Street (north), Dowling Street (west), mixed commercial and residential properties (east) and low-density residential properties (south).
Geographical Coordinates	Northern-eastern corner of site (GDA2020-MGA56): <ul style="list-style-type: none"><li>▪ Easting: 341187.794</li><li>▪ Northing: 6261022.837</li></ul> (Source: <a href="http://maps.six.nsw.gov.au">http://maps.six.nsw.gov.au</a> )
Area	2,527m <sup>2</sup> ( <b>Appendix B</b> )
Lots and DPs	Lot 1 of DP900061, Lot 1 of DP100563, Lot 1 of DP578401, Lot 45 of DP974653 and Lot 1 of DP595422
State Survey Marks	Two permanent and one state survey mark are situated within close proximity to the site: <ul style="list-style-type: none"><li>▪ PM1983D: at the corner of Lawrence and Dowling Street (approximately 40m northwest);</li><li>▪ PM2226: at the corner of Albert Street and Moore Lane (approximately 80m northeast);</li><li>▪ SS9466: at the corner of Lawrence and Dowling Street (approximately 40m northwest).</li></ul> (Source: <a href="http://maps.six.nsw.gov.au">http://maps.six.nsw.gov.au</a> )
LGA	Northern Beaches Council
Current Zoning	B2: Local Centre ( <i>Warringah Local Environmental Plan 2011</i> )

### Local Land Use

The site is situated within a local centre area. The local sensitive receptors within close proximity to the site are identified in **Table 2-2**.

**Table 2-2 Local Land Use**

Direction	Land Use Description	Sensitive Receptor (and distance from site)
North	Commercial and residential	Residential (20m north) Harbord Kindergarten (55m northwest)
South	Residential properties	Residential (immediately adjacent and potentially downgradient)
East	Commercial and residential	Residential (immediately adjacent and downgradient)
West	Commercial and residential The Learning Sanctuary Freshwater	Residential (approximately 20m west) Childcare (179m west)

## Regional Setting

The topography, (hydro)geology and soil landscape information is summarised in **Table 2-3**.

**Table 2-3 Regional Setting**

Attribute	Description
Topography	The site generally slopes from west to east. Regional slope generally dips from the south west to the north east ( <b>Appendix B</b> ).
Drainage	Likely to be consistent with the general slope of the site. Stormwater is expected to be collected in stormwater pits and piped to the municipal collection system.
Geology	The Department of Mineral Resources <i>Sydney 1:100,000 Geological Series Sheet 9130</i> (DMR, 1983) indicates the site is underlain by Hawkesbury Sandstone ( <i>Rh</i> ), consisting of medium to coarse-grained quartz sandstone, very minor shale and laminate lenses.
Soil Landscape	The Soil Conservation Service of NSW <i>Soil Landscapes of the Sydney 1:100,000 Sheet</i> (Chapman and Murphy, 1989) indicates that the site overlies a Gynea ( <i>gy</i> ) erosional soil landscape, characterised as undulating to rolling rises and low hills on Hawkesbury Sandstone. Local relief 20-80m, slopes 10-25%.
Acid Sulfate Soil (ASS) Risk	With reference to the <i>Sydney Heads Acid Sulfate Soil Risk Map</i> (1:25,000 scale; Murphy, 1997), the site lies within an area of 'No Known Occurrence'. In such cases, ASSs are not known or expected to occur and "land management activities are not likely to be affected by ASS materials."  The site is not classified on the <i>Warringah Local Environmental Plan 2011- Acid Sulfate Soil Map</i> , further proof that the potential for ASS to be present on-site was low.  Given the site high elevation (21-35 metres Australian Height Datum - mAHD), as well as the above map information, the potential for ASS presence on-site was considered to be low and further assessment was unwarranted.
Nearest Surface Water Features	Manly Lagoon and Freshwater Beach are situated approximately 500m south and 800m east of the site.
Groundwater Flow Direction	Inferred to be easterly, towards Freshwater Beach.

## Groundwater Bore Records and Local Groundwater Use

An online search for groundwater bores registered with WaterNSW was conducted by EI on 9 January 2023 and 12 November 2024 (Ref. <https://realtimedata.waternsw.com.au/water.stm>). The search revealed no registered bores within a 500m radius of the site (**Appendix C**), indicating the local groundwater resource is not currently being (heavily) utilised.

## Site Walkover Inspection

Observations were recorded during a walkover inspection of the site, conducted on 6 November 2022. These observations are summarised below and photographs taken during the inspection are presented in **Appendix D**.

- The site is located within a local centre area. Surrounding local businesses consist of retail shops, restaurants and office units.
- The land surface was found to be generally flat, with a northerly slope on Dowling Street and an easterly slope on Lawrence Street (**Photograph 1**).
- From west to east, the land was occupied by three two-storey brick buildings with metal roofs, and two single-storey brick buildings with concrete roofs. The single-storey building at the far eastern end of the site includes a rooftop parking area (**Photograph 2**).

- Commercial and residential uses were identified within the buildings. Commercial activities include a dry-cleaners business (28 Lawrence Street), retail shops, café and restaurants, and office units.
- All building structures were in fair condition.
- A concrete-paved driveway was constructed along the back of the buildings, extending from Dowling Street to the rooftop parking area (**Photograph 3**). All surface pavements were in fair condition with minoring cracking (**photograph 4**). No oil staining was noted on the pavement area.
- No olfactory indicators of contamination (i.e. no suspicious odour) were detected during the site inspection.
- There were no evidences of underground storage tanks (USTs) or above ground storage tanks (ASTs) installed on the site.
- There was no NSW Fire and Rescue Station (or Training College) in the vicinity (<100m) of the site.

### 3. Previous Investigation

A previous (preliminary) investigation had been completed for the site by Geotechnique Pty Ltd, documented under the following report:

- Geotechnique (2011b) *Preliminary Contamination Assessment; 10-28 Lawrence Street, Freshwater NSW 2096*, Report No 12446/2-AA, dated 15 April 2011.

A summary of the key findings of this report is provided in **Table 3-1**.

**Table 3-1 Summary of the Previous Investigation**

Project Task	Findings
Objectives	The objectives of this investigation were to assess whether the site potentially presented a risk of harm to human health and /or the environment, and to determine the suitability of the site for the proposed development.
Scope of Works	<ul style="list-style-type: none"><li>▪ Desktop study, including review of historical aerial photographs, Department of Lands records, Section 149 (2&amp;5) planning certificates, Council records, DECCW records, WorkCover (now SafeWork NSW) records, soils and geological maps, and Department of Natural Resources (DNR) groundwater bore information; and</li><li>▪ A site inspection.</li></ul>
Key findings	<p>The site comprised five consecutive brick buildings facing Lawrence Street to the north. During the site inspections in March and April 2011, various service and retail shops occupied the front ground floors of all buildings. The front ground floor of property at No 22 Lawrence Street was a dry-cleaning shop.</p> <p>No chemical storage was noted within the site. There were no obvious features associated with any underground storage tanks that would indicate the potential for contamination.</p> <p>A search for WorkCover NSW (now SafeWork NSW) records had not located any records pertaining to the site.</p> <p>A geotechnical investigation was conducted concurrently with this investigation. Subsurface conditions were described as a layer of filling (0.3-1.0 metres Below Ground Level (mBGL), overlying sandstone bedrock. Groundwater level was measured at approximately 2.0 mBGL from BH3.</p>
Conclusions and Recommendations	<p>Based on the above information, it was considered the site was suitable for the proposed residential use, subject to the implementation of a detailed contamination assessment. If contamination was identified, delineation of the extent of contamination, preparation of a remedial action plan (RAP) and validation would be required.</p> <p>Classification of surplus soils due to the proposed basement car park excavation would be required prior to re-use at other sites, or disposal at an NSW EPA licensed landfill.</p> <p>A hazardous materials survey was recommended to be carried out by a qualified consultant / occupational hygienist, if the internal features / structures of the building were to be removed.</p>

## 4. Site History and Searches

### Review of Lotsearch Report

An environmental risk and planning report for the site was received from Lotsearch Enviro Lite during this PSI. This report, Lotsearch Reference LS038065 EL (dated 17 November 2022), is presented in full in **Appendix E**. It included historical business directories (covering the period 1950-1991), as well as searches of various environmental resources and plans archived by statutory authorities. A summary of the relevant (historical) information follows.

#### Historical Business Directories

Based on the registered business directory records, historical land use in the vicinity of the site (<50m) was a variety of generally commercial businesses, including restaurants, groceries, dry cleaners & pressers, laundries &/or laundrettes, beauty salons, medical practitioners, dentists, printers-letterpress, chemists-pharmaceutical, paint, varnish, oils/colour merchants, schools-kindergarten, day nursery, and animal &/or bird food supplies.

The identified areas of major concern within 200m were associated with dry cleaners (covering the period between 1975 and 1986), and motor garages / service stations (covering the period between 1971 and 1989). The properties were as follows:

- Harbord Dry Cleaners, 22 Lawrence St., Harbord. 2096 (on-site);
- RCL Motors, 25 Albert St., Harbord. 2096 (55m east of site, down-gradient);
- Warringah Motors, 76 Lawrence St., Harbord. (148m west of site, cross-gradient); and
- Total (Harbord) Service Station., 14 Moore St Harbord (196m east of site, down-gradient).

No chemical manufacturers were identified within 200m from site.

With the exception of an on-site dry-cleaning business, the other businesses of concern were located downgradient / cross-gradient of the site. Therefore, migration of contaminants from these properties were considered unlikely.

#### Other Findings

Additional findings from searches of other environmental resources and plans recorded in Lotsearch Report LS038065 EL were as follows (**Appendix E**):

- No former gasworks were present within a 250m radius of the site.
- No Liquid Fuel Facilities were present within a 500m radius of the site.
- No properties that were part of the Department of Defence or NSW EPA PFAS investigation / management programs were present around the site.
- The site and its surroundings were not recorded as having a “naturally occurring asbestos potential”.
- With respect to ASS, the site was classified as “No Known Occurrence” (consistent with the information in **Section 2, Table 2-3**).
- No dryland salinity assessment data were recorded for the site. No mining subsidence district was present within the surveyed area.
- No state significant precincts present within a 1km radius of the site.
- No natural (e.g. bush fire) hazard applied to the site.
- No ecological (native vegetation, wetland, groundwater, inflow, bio-conservation) constraint applied to the site.

## Historical Aerial Photography Review

The historical aerial photographs reviewed as part of this PSI were derived from on-line resources and included:

- **1943, 1950, 1960, 1977, 1985, 1990, 1997, and 2001:** available through Spatial Service NSW

(<https://portal.spatial.nsw.gov.au/portal/apps/webappviewer/index.html>);

- **2022 and 2024:** Google Earth.

A summary of the findings is given in **Table 4-1**.

**Table 4-1 Summary of Aerial Photograph Observations**

Year	Description of Site and Surroundings	Land Use
1943	The site appeared to be occupied by low-density residential properties. No.30 Lawrence Street appeared to be a vacant lot. Surrounding areas consisted of vacant land to the west and east, and residential properties to the north and south.	Residential
1950	The site was largely unchanged from the 1943 image. More residential properties were constructed around the site.	Residential
1960	The site was largely unchanged, with the exception that a building (consistent with the current structure) was constructed on No.30 Lawrence Street. Surrounding areas were largely unchanged.	Residential / Commercial
1977	New building structures were constructed on No. 22-26 Lawrence Street and 16 Lawrence Street (consistent with the current structures). Some commercial buildings were developed to the north of the site.	Residential / Commercial
1985	A roof top car park was visible on No. 10-14 Lawrence Street and a concrete paved driveway was constructed along the southern boundary of the site. More commercial buildings were developed to the north of the site	Residential / Commercial
1990-2024	The site was largely unchanged from the 1985 image. Surrounding areas were largely unchanged.	Residential / Commercial

## Council Information

An application to access property files archived by Northern Beaches Council identified a previous development certificate relating to a laundry business at No.28 Lawrence Street and a certificate relating to a dry cleaner at No.30 Lawrence Street. No other information relating to environmental incidents (potentially contaminating) was identified in the archived files.

## NSW EPA Online Records

Searches of public registers maintained by the NSW EPA for statutory notices and licensing agreements issued under the *Contaminated Land Management Act 1997* (CLM Act 1997) and *Protection of the Environment Operations Act 1997* (POEO Act 1997) were conducted by EI for this PSI.

### **Record of Notices Under Section 58 of CLM Act 1997**

An on-line search of the contaminated land public record was conducted on 9 January 2023 and 12 November 2024. The contaminated land public record is a searchable database of:

- Orders made under Part 3 of the CLM Act 1997;
- Notices available to the public under Section 58 of the CLM Act;

- Approved voluntary management proposals under the CLM Act 1997 that have not been fully carried out and where the approval of the NSW EPA has not been revoked;
- Site audit statements provided to the NSW EPA under Section 53B of the CLM Act 1997 that relate to significantly contaminated land;
- Where practicable, copies of anything formerly required to be part of the public record; and
- Actions taken by the NSW EPA under Section 35 or 36 of the *Environmentally Hazardous Chemicals Act 1985* (EHC Act 1985).

The search confirmed that neither the site nor the surrounding lands within close proximity ( $\leq 250\text{m}$ ) were subject to any regulatory notices relevant to the above legislations.

#### **List of NSW Contaminated Sites Notified to EPA**

A search through the *List of NSW Contaminated Sites Notified to the EPA* under Section 60 of the CLM Act 1997 was conducted on 9 January 2022 and 12 November 2024. This list is maintained by the NSW EPA and includes properties on which contamination has been identified, but not deemed to be impacted significantly enough to warrant regulation.

The search confirmed that neither the subject site nor the surrounding sites within close proximity ( $\leq 250\text{m}$ ) had been notified as contaminated to the NSW EPA.

#### **POEO Public Register**

A search of the *Protection of the Environment Operations Act 1997* public register was conducted on 9 January 2023 and 12 November 2024. This public register contains records related to environmental protection licences, applications, notices, audits, pollution studies and reduction programs.

The search confirmed that neither the site nor the surrounding lands within close proximity ( $\leq 250\text{m}$ ) were subject to any licensing agreements / notices / programs relevant to this legislation.

## 5. Conceptual Site Model

In accordance with NEPC (2013) *Schedule B2 – Guideline on Site Characterisation*, EI developed a CSM that assessed plausible linkages between potential contamination sources, migration pathways and receptors.

### Rationale

The primary purpose of this PSI was to appraise the potential for contamination to exist on the site. If such potential was confirmed, the environmental and human-health risks associated with contamination were to be evaluated.

This appraisal did not involve intrusive sampling and laboratory analysis of soils, soil vapours or groundwater. Instead, the potential for contamination was based on a desktop study, collating information from history searches and government-maintained databases, as well as a walkover inspection. Professional judgement was then applied, based on previous experience.

### Summary of Site History

Based on the available information, the site was used for residential purposes before the 1950s / 1960s, when commercial operations were developed at the site. The activities with possible environmental contaminations are related to a former dry-cleaning business on No. 22 Lawrence Street (during 1975-1986) and the current dry-cleaning business on No. 28 Lawrence Street.

### Subsurface Conditions

Based on previous investigation (**Section 3**), subsurface conditions of the site comprise a sequence of concrete slab underlain by fill, consisting of silty and gravelly sand with crushed sandstone and bricks, then sandstone bedrock. The potential for ASS to be present on the site was considered to be very low.

The presence of a shallow (<2 mBGL) groundwater table was inferred. The local groundwater flow direction was anticipated to be easterly, towards Freshwater Beach.

### Potential Contamination Sources

The potential contamination sources were as follows:

- Former and current on-site commercial activities (especially dry-cleaning businesses);
- Imported fill materials of unknown origin and quality, used to grade and level the site;
- Surface deposition of hazardous materials, such as asbestos-containing materials (ACM), lead-based paints, metallic objects, oils and polychlorinated biphenyls (PCB), due to weathering of exposed building fabrics;
- Leaks from vehicles in the parking area; and
- Off-site migration from neighbouring commercial properties.

### Contaminants of Potential Concern

The contaminants of potential concern (COPC) at the site were considered to be:

- Priority metals (PM) - arsenic, cadmium, chromium, copper, lead, mercury, nickel and zinc;
- Volatile organic compounds (VOC), including:
  - Total recoverable hydrocarbons (TRH);

- The monocyclic aromatic hydrocarbons benzene, toluene, ethylbenzene, xylenes (BTEX);
- Polycyclic aromatic hydrocarbons (PAH);
- Chlorinated hydrocarbons (CHC); and
- Phenols.
- Organochlorine and organophosphorus pesticides (OCP / OPP);
- Polychlorinated biphenyls (PCB); and
- Asbestos.

### PFAS Assessment

NSW EPA (2017) requires that PFAS are considered when investigating land contamination. An assessment of the probability for PFAS occurrence is provided in **Table 5-1**. This was based on considerations outlined in the *PFAS National Environmental Management Plan* (HEPA, 2020) and the EnRisk (2016) decision tree. In this instance, the potential for PFAS to be present on-site was considered to be low and thus PFAS sampling / analysis of soil and water was unwarranted.

**Table 5-1 Potential for PFAS Contamination**

Preliminary Screening	Probability of Occurrence <sup>1</sup>
Is the past or present site activity listed in HEPA (2020) <sup>2</sup> as being an activity associated with PFAS contamination? If so, list activity.	L
Is the past or present off-site activity up-gradient or adjacent to the site listed in HEPA (2020) <sup>2</sup> as being an activity associated with PFAS contamination? If so, list activity.	L
Did fire training involving the use of suppressants occur on-site between 1970 and 2010?	L
Did fire training occur up-gradient of or adjacent to the site between 1970 and 2010? <sup>3</sup>	L
Have “fuel” fires ever occurred on-site between 1970 and 2010? e.g. ignition of fuel (solvent, petrol, diesel, kero) tanks	L
Have PFAS been used in manufacturing or stored on-site? <sup>4</sup> <i>Yes, possible activities on-site.</i>	L
Could PFAS have been imported to the site in fill material from a site with activity listed in HEPA (2020)?	L
Could PFAS-contaminated groundwater or run-off have migrated on to the site?	L
Is the site or adjacent sites listed in the NSW EPA PFAS Investigation Program? <sup>5</sup>	L
If the probability is medium or high in any of the rows, does the site analytical suite need to be optimised to include sampling and testing for PFAS in soil (including ASLP testing) and waters?	No

Probability: L – low (documentation has been reviewed and there is no recorded instance or compelling rationale), M – moderate (documentation has been reviewed and there is potential for an instance with compelling rationale); H – high (all documentation has been reviewed and there is strong evidence of a recorded instance).

Activities listed in Appendix B of the HEPA (2020). Further information, refer to [https://www.oecd.org/env/ehs/risk-management/PFC\\_FINAL-Web.pdf](https://www.oecd.org/env/ehs/risk-management/PFC_FINAL-Web.pdf).

Runoff from up-gradient PFAS use may impact surface water, soil, sediment and groundwater.

PFAS is used wide range of industrial processes and consumer products, including in the manufacture of non-stick cookware, specialised garments and textiles, Scotchguard™ and similar products (used to protect fabric, furniture, leather and carpets from oils and stains), metal plating and in some types of fire-fighting foam (<https://www.nicnas.gov.au/chemical-information/factsheets/chemical-name/perfluorinated-chemicals-pfas>).

<https://www.epa.nsw.gov.au/your-environment/contaminated-land/pfas-investigation-program>

### Emerging Chemicals

The NSW EPA uses Chemical Control Orders (CCOs) as a primary legislative tool under the *Environmentally Hazardous Chemicals Act 1985* to manage chemicals of concern and limit their potential impact on the environment. Considerations for chemicals controlled by CCOs, and

other potential emerging chemicals, are outlined in **Table 5-2**. In this instance, the potential for an emerging chemical of concern to be present on-site was deemed low, with the exceptions of PCB and pesticides (in near-surface fill).

**Table 5-2 Potential for Contamination by an Emerging or Controlled Chemical**

Chemicals of Concern (CCO or emerging)	Decision
Were aluminium smelter wastes used or stored on site (CCO, 1986)?	No
Do dioxin contaminated wastes (CCO, 1986) have the potential to impact the site? <sup>1</sup>	No
Were organotin products (CCO, 1989) used or stored on site? <sup>2</sup>	No
Were polychlorinated biphenyls (PCBs) used or PCB wastes (CCO, 1997) stored on-site? <sup>3</sup>	No, but could be potentially present in fill, historically imported to the site.
Were scheduled chemical or wastes (CCO, 2004) used or stored? <sup>4</sup>	Yes, for potential pesticides used on site.
Are other emerging chemicals suspected? <sup>5</sup>	No
If Yes to any questions, has site sampling suite been optimised to include sampling for these chemicals of concern?	Yes

Note 1 From burning of certain chemicals, smelting or chemical manufacturing or fire on or near the site.

Note 2 From anti-fouling paints used or removed at boat and ship yards and marinas.

Note 3 From older transformer oils and electrical capacitors

Note 4 Twenty-four mostly organochlorine pesticides and industrial by-products

Note 5 Other chemicals considered as emerging (e.g. 1,4 dioxane; associated with some CVOC).

## Risk Assessment

An assessment of the potential contamination risks for the site is outlined in **Table 5-3**.

**Table 5-3 Assessment of Potential Contamination Risk**

Potential Source	Impacted Medium	COPC	Risk of Contamination
On-site commercial activities	Soil and groundwater	PM, TRH, CHC, BTEX, PAH, phenols	<b>Moderate</b> Site is currently and previously occupied by dry cleaners. Potential contamination is considered likely.
Importation of fill of unknown origin and quality	Soil	PM, TRH, BTEX, PAH, OCP, OPP, PCB, asbestos	<b>Moderate</b> Filling was identified on the site. Potential contamination is considered likely.
Hazardous building materials	Building fabrics Near surface soil	PM (lead), PCB, asbestos	<b>Moderate</b> Based on the age of the construction, hazardous building materials were likely to be present in the buildings.
Application of pesticides	Near surface soil (building footing areas)	PM (arsenic), OCP, OPP	<b>Low</b> If present, pesticides are expected to be limited to shallow, building footprint soils.
Leakage from vehicles	Near surface soil	PM, TRH, BTEX, PAH	<b>Low</b> The surface pavements were noted to be in fair condition, with minor cracks but no oil staining. Contamination (if present) likely to be restricted to shallow surface soil.
Migration from off-site sources	Soil and groundwater	PM, TRH, CHC, BTEX, PAH	<b>Low to Moderate</b> Local area has a long history of commercial use / activities.

## Identified Receptors

The following potential receptors applicable to any potential site contamination were identified:

- Current site users / occupiers;
- On-site demolition / construction workers (during future redevelopment);
- Users of the adjacent land during future demolition / construction works;
- Future site users, including intrusive (maintenance) workers; and
- Local groundwater and (ultimately) nearby Freshwater Beach.

## Summary of the Conceptual Site Model

The CSM, including the potential contamination sources, exposure pathways and human and environmental receptors, is summarised in **Table 5-4**.

Based on this model, there is potential for contamination to exist on the site, warranting the need for further (detailed / field-based) investigation.

**Table 5-4 Summary of the Conceptual Site Model**

Potential Source	Impacted Media	Contaminants of Potential Concern	Transport Mechanism	Exposure Pathway	Potential Receptor
Historical and current on-site commercial activities	Soil	PM, TRH, CHC, BTEX, PAH, OCP, OPP, PCB, asbestos	Disturbance of surface and subsurface soils during site redevelopment, future site maintenance and future use of the site post redevelopment	Ingestion Dermal contact Inhalation of particulates	Current and future site occupier Demolition / construction workers Adjacent site users Future intrusive workers
Imported fill of unknown origin and quality			Atmospheric dispersion from soil to outdoor and indoor air spaces		
Hazardous building materials			Volatilisation of contamination from soil and diffusion to indoor air spaces.	Inhalation of vapours	
Application of pesticides					
Leakage from vehicles	Groundwater	PM, TRH, CHC, BTEX, PAH	Volatilisation of contamination from groundwater to indoor or outdoor air spaces (onsite and offsite)	Inhalation of vapours Ingestion Dermal contact	Current and future site occupier Demolition / construction workers Adjacent site users Future intrusive workers
Off-site migration			Migration of dissolved phase impacts in groundwater via diffusion and advection	Biota uptake	

**Footnote:** Site workers during demolition / construction are assumed to use personal protective equipment (PPE), as per SafeWork NSW regulations

## 6. Conclusion

The site identified as 10-28 Lawrence Street, Freshwater NSW 2096 was the subject of a PSI, the main objective being to appraise the potential for contamination. The key findings of this PSI were as follows:

- The site was used for residential purposes before the 1950s / 1960s, when commercial operations were developed at the site. The activities with possible environmental contaminations are related to a former dry-cleaning business on No. 22 Lawrence Street (during 1975-1986) and the current dry-cleaning business on No. 28 Lawrence Street.
- The site and surrounding lands within close proximity ( $\leq 250\text{m}$  radius) were free of statutory notices and licensing agreements issued under the *Contaminated Land Management Act 1997* and *Protection of the Environment Operations Act 1997*. The site was not included on the *List of NSW Contaminated Sites Notified to the EPA*.
- No gross contaminations were detected during the site inspection. Fibre cement sheeting (FCS) formed parts of the building fabric, including the eaves, roofing and flooring.
- There were no evidences of underground storage tanks (USTs) or above ground storage tanks (ASTs) installed on the site.
- The sub-surface profile of the site comprises a sequence of concrete slab underlain by fill, consisting of silty and gravelly sand with crushed sandstone and bricks, then sandstone bedrock. The potential for acid sulfate soils to be present on the site was considered to be very low.
- The presence of a shallow ( $< 2$  metres below ground level) groundwater table was inferred. The local groundwater flow direction was anticipated to be easterly, towards Freshwater Beach.
- The conceptual site model established a potential for contamination to be present within the site area. Therefore, the risks to human and environmental receptors posed by the identified contaminant sources warrant further (detailed / field-based) investigations.

Based on the findings of this PSI, and with consideration of EI Statement of Limitations (**Section 8**), it was concluded that there is a potential for contamination to exist on the site. Further investigations are warranted, as described in **Section 7**, in order to determine the land suitability for the proposed residential and mixed-use development.

## 7. Recommendations

EI provides the following recommendations in relation to the proposed development:

- A Stage 2 Detailed Site Investigation (DSI) should be undertaken, to further assess soil and groundwater quality on the property. The DSI should include intrusive sampling and associated laboratory analysis for the COPC identified in **Section 5.5**. In designing the sampling, analytical and quality plan (SAQP) for the DSI, the NSW EPA (2022) *Sampling Design Guidelines* should be referred to.
- Before commencement of any demolition works, a Hazardous Materials Survey (HMS) should be completed by a suitably qualified consultant, to confirm the presence / location of any hazardous materials within the existing building fabrics.
  - All identified hazardous materials must be appropriately managed during future demolition works, to maintain worker health and safety and prevent the spread of hazardous substances onto the site surface.
  - An asbestos clearance inspection and certificate should be completed by a suitably qualified professional following the removal of all ACM.
  - Where clearance inspection indicates hazardous materials remain on the site, further removal and re-clearance inspection, must be undertaken.
- All soil materials that are designated for off-site disposal, including any *virgin excavated natural material* (VENM), must be pre-classified in accordance the NSW EPA (2014) *Waste Classification Guidelines*.
- Any material being imported to the site should be validated as suitable for the intended residential and mixed-use development, in accordance with NSW EPA guidelines.

EI emphasises that these recommendations can be managed through the development application process.

## 8. Statement of Limitations

This report has been prepared for the exclusive use of RMB Group Pty Ltd, whom is the only intended beneficiary of EI work. The scope of the investigation carried out for the purpose of this report is limited to that agreed with RMB Group Pty Ltd.

No other party should rely on this document without the prior written consent of EI, and EI undertakes no duty, or accepts any responsibility or liability, to any third party who purports to rely upon this document without EI approval.

EI has used a degree of care and skill ordinarily exercised in similar investigations by reputable members of the environmental industry in Australia, as at the date of this document. No other warranty, expressed or implied, is made or intended. Each section of this report must be read in conjunction with the whole of this report, including its appendices.

The conclusions presented in this report are based on a limited assessment of historical and current uses of the site. Due to the preliminary nature of this investigation, findings are not based on actual samples collected or testing conducted. EI has relied upon information provided by the Client and other third parties to prepare this document, some of which could not be verified by EI due to the anecdotal or historical nature of the information.

EI professional opinions are reasonable and based on its professional judgment, experience and training.

EI professional opinions contained in this document are subject to modification if additional information is obtained through the data searches that have been initiated with government authorities.

Technical opinions may also be amended in the light of further investigation, observations, or validation testing and analysis during remedial activities. In some cases, further testing and analysis may be required, which may result in a further report with different conclusions.

## References

- Chapman GA and Murphy CL (1989) *Soil Landscapes of the Sydney 1:100,000 Sheet 9130*, Department of Conservation and Land Management, Sydney.
- DEC (2007) *Guidelines for the Assessment and Management of Groundwater Contamination*, New South Wales Department of Environment and Conservation, DEC 2007/144, June 2007.
- DPIE (2020) *eSPADE v2.0 Portal*, NSW Department of Planning, Industry and Environment, (retrieved from [www.espade.environment.nsw.gov.au](http://www.espade.environment.nsw.gov.au)).
- DMR (1983) *Sydney 1:100,000 Geological Series Sheet 9130*, Geological Survey of New South Wales, Department of Mineral Resources.
- NSW (2021) *State Environmental Planning Policy (Resilience and Hazards) (2021) (formerly SEPP 55 – Remediation of Land)*, last modified 2 March 2022.
- EnRisk (2016) *Proposed Decision Tree for Prioritising Sites Potentially Contaminated with PFASs*, Environmental Risk Services Pty Ltd, Environment Protection Authority of New South Wales, 25 February 2016.
- Fitzpatrick, Powell, Bernie, Marvanek and Steve (2011) *Atlas of Australian Acid Sulphate Soils* (Version 2), Published by CSIRO, Data Collection.
- Geotechnique (2011) Preliminary Contamination Assessment; Lot 1 of DP900061, Lot 1 of DP100563, Lot 1 of DP578401, Lot 45 of DP974653 and Lot 1 of DP595422 10-32 Lawrence Street, Freshwater NSW (Geotechnique Pty Ltd Reference 12446/2-AA, dated 15 April 2011).
- Geotechnique (2011) Geotechnical Investigation; 12-32 Lawrence Street, Freshwater NSW (Geotechnique Pty Ltd Reference 12446/1-AA, dated 31 March 2011).
- HEPA (2020) *PFAS National Environmental Management Plan*, National Chemicals Working Group of the Heads of the EPAs Australia and New Zealand (HEPA), January 2020.
- Murphy CL (1997) *Acid Sulfate Soil Risk of the Prospect / Parramatta River* (Second Edition), Department of Land and Water Conservation, Sydney (supplied by the Sydney South Coast, Geographical Information Systems Unit).
- Naylor SD, Chapman GA, Atkinson G, Murphy CL, Tulau MJ, Flewin TC, Milford HB and Morand DT (1998) *Guidelines for the Use of Acid Sulfate Soil Risk Maps* (2nd Edition), Department of Land and Water Conservation, Sydney.
- NEPC (1999) *National Environmental Protection (Assessment of Site Contamination) Measure 1999*. National Environmental Protection Council, December 1999
- NEPC (2013) *Schedule B1 Guideline on Investigation Levels for Soil and Groundwater, Schedule B2 Guideline on Site Characterisation and Schedule B4 Guideline on Site-Specific Health Risk Assessments*, from the *National Environment Protection (Assessment of Site Contamination) Amendment Measure*, National Environment Protection Council, April 2013.
- NSW EPA (2014) *Waste Classification Guidelines - Part 1: Classifying Waste*, Environment Protection Authority of New South Wales, EPA 2014/0796, November 2014.
- NSW EPA (2017) *Contaminated Land Management: Guidelines for the NSW Site Auditor Scheme* (3rd Edition), Environment Protection Authority of New South Wales, EPA 2017P0269, October 2017.
- NSW EPA (2020) *Consultants Reporting on Contaminated Land: Contaminated Land Guidelines*, Environment Protection Authority of New South Wales, EPA 2020P2233, April 2020.

NSW EPA (2022a) *Sampling Design Part 1 - Application: Contaminated Land Guidelines*, Environment Protection Authority of New South Wales, EPA 2022P3915, August 2022.

NSW EPA (2022b) *Sampling Design Part 2 – Interpretation: Contaminated Land Guidelines*, Environment Protection Authority of New South Wales, EPA 2022P3916, August 2022.

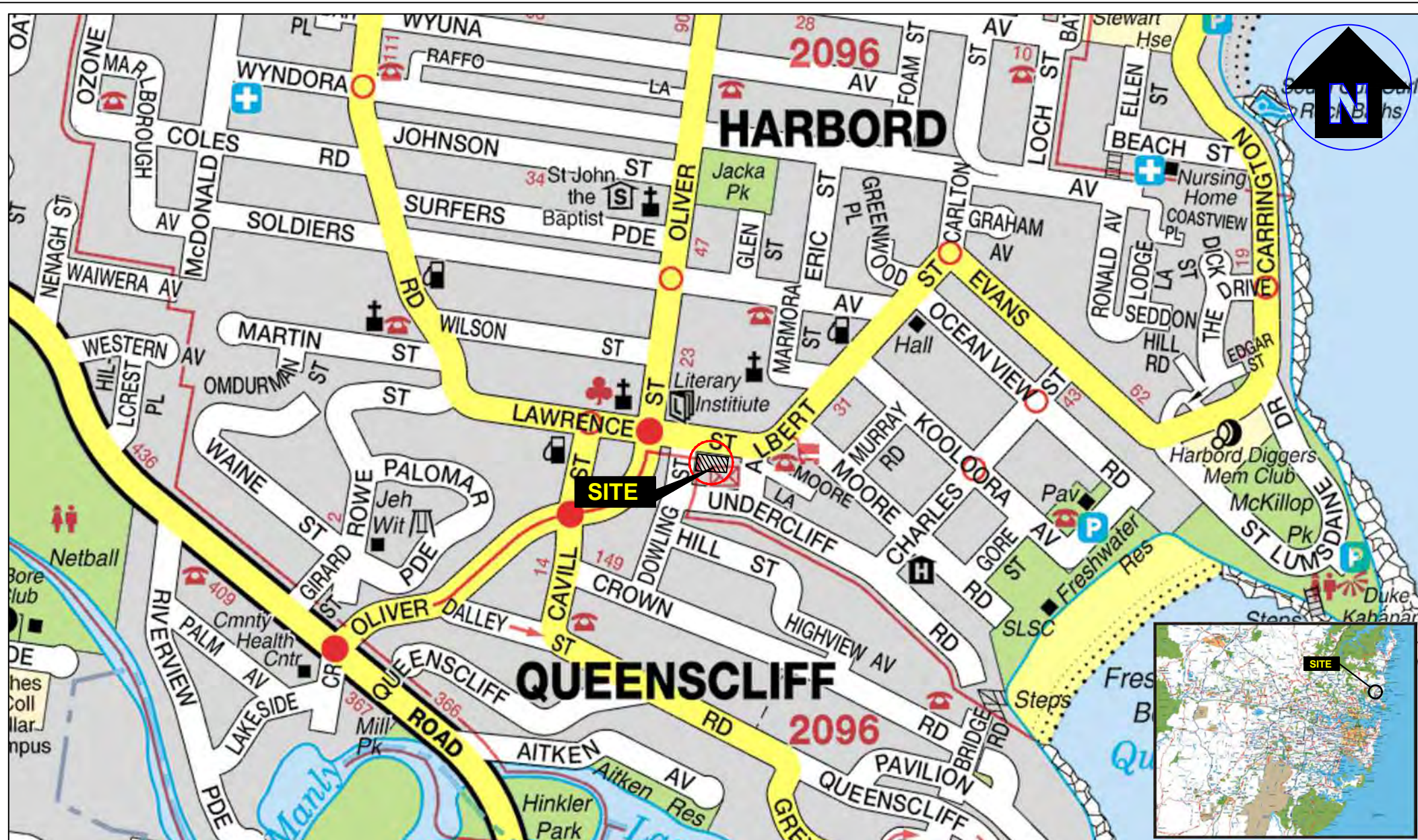
## Abbreviations

ACM	Asbestos-Containing Materials
ASS	Acid Sulfate Soils
AST	Aboveground Storage Tank
BTEX	Benzene, Toluene, Ethylbenzene, Xylene
CBD	Central Business District
CCO	Chemical Control Order
CLM	Contaminated Land Management
COPC	Contaminants of Potential Concern
CSM	Conceptual Site Model
CVOC	Chlorinated Volatile Organic Compounds
DA	Development Application
DP	Deposited Plan
DSI	Detailed Site Investigation
EI	EI Australia
NSW EPA	Environment Protection Authority (of New South Wales)
FCS	Fibre Cement Sheeting
FFL	Finished Floor Level
HMS	Hazardous Materials Survey
km	Kilometres
LEP	Local Environmental Plan
LGA	Local Government Area
m	Metres
mAHD	metres Australian Height Datum
mBGL	metres Below Ground Level
NEPC	National Environmental Protection Council
NEPM	National Environmental Protection Measure
NSW	New South Wales
OCP	Organochlorine Pesticides
OPP	Organophosphorus Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PCB	Polychlorinated Biphenyls
PFAS	Per- and Poly-Fluoroalkyl Substances
PM	Priority Metals
POEO	Protection of the Environment Operations
PSI	Preliminary Site Investigation
TRH	Total Recoverable Hydrocarbons (non-specific analysis of organic compounds)
UPSS	Underground Petroleum Storage System
UST	Underground Storage Tank
VENM	Virgin Excavated Natural Material
VOC	Volatile Organic Compounds

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## Appendix A - Figures

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Practical Solutions for Built Environments  
Suite 6.01, 55 Miller Street, PYRMONT 2009  
Ph (02) 9516 0722 Fax (02) 9518 5088

Drawn:	A.N.
Approved:	-
Date:	12-12-22
Scale:	Not To Scale

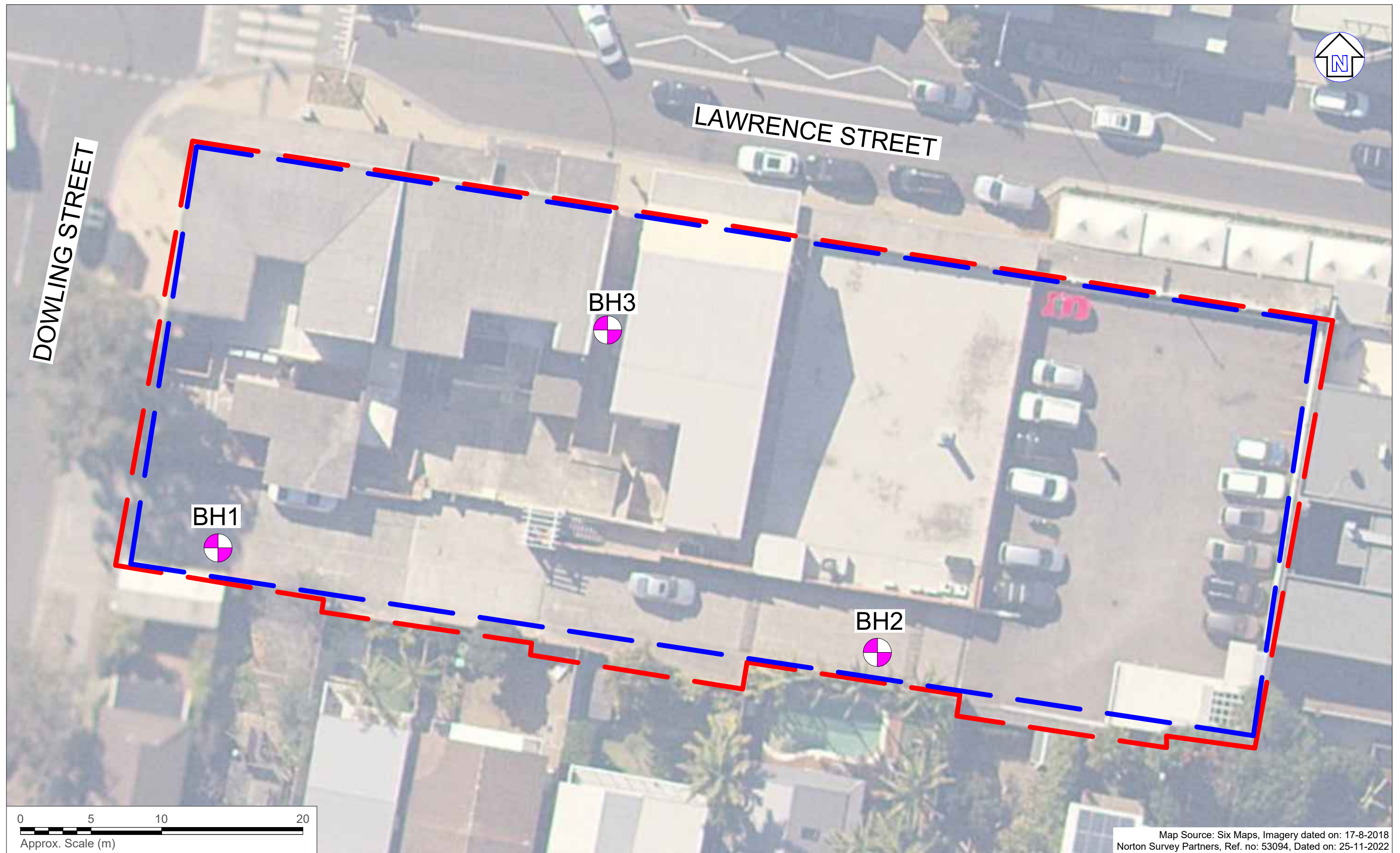
**RMB Group Pty Ltd**  
Preliminary Site Investigation  
10-28 Lawrence Street, Freshwater NSW

Site Locality Plan

Figure:

1

Project: E25874.E01



**LEGEND (Note: All locations are approximate)**

- Site boundary
- Proposed basement boundary
- Previous borehole location (Geotechnique, 2011)



Suite 6.01, 55 Miller Street, PYRMONT 2009  
Ph (02) 9516 0722 Fax (02) 9518 5088

Drawn: A.N.

Approved: -

Date: 12-12-22

**RMB Group Pty Ltd**  
Preliminary Site Investigation  
10-28 Lawrence Street, Freshwater NSW  
Site Layout Plan

Figure:

**2**

Project: E25874.E01\_Rev0

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## Appendix B - Proposed Development

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CHOI ROPHA FIGHERA P/L ACN 144 714 885 ATF CHOI ROPHA FIGHERA UNIT TRUST T/A CHROFI ABN  
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REV	DATE	ISSUE
01	01/10/24	ISSUE FOR COORDINATION
02	14/10/24	ISSUE FOR COORDINATION

REV DATE ISSUE

PROJECT

FRESHIE MIXED-USE DEVELOPMENT

PROJECT NUMBER

21053

PLOT DATE

14/10/24

DRAWN

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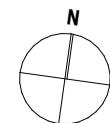
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BASEMENT 2

DRAWING NUMBER

A-DA-097

REVISION

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02	14/10/24	ISSUE FOR COORDINATION

REV DATE ISSUE

PROJECT

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PROJECT NUMBER

PLOT DATE

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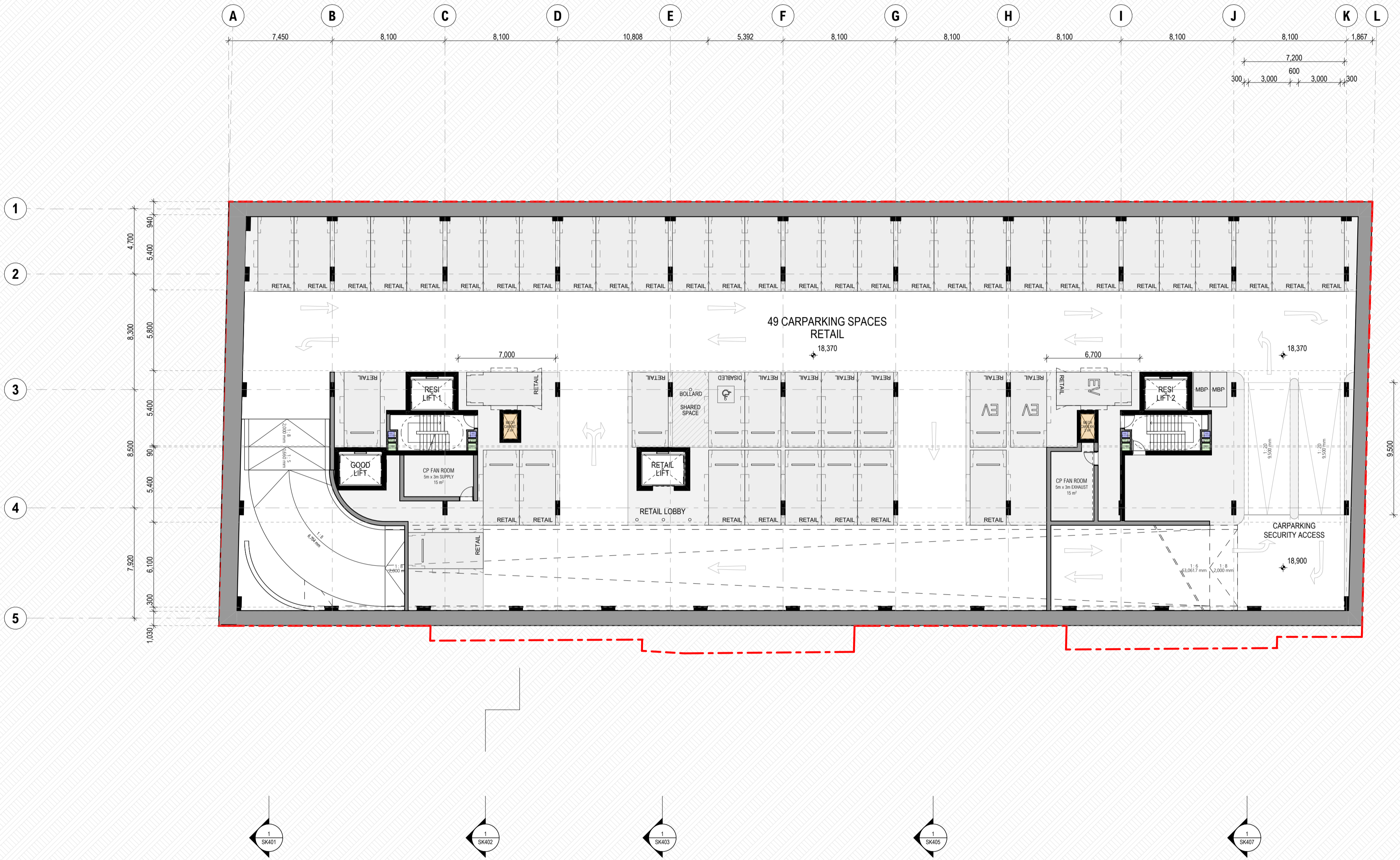
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REV	DATE	ISSUE
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02	14/10/24	ISSUE FOR COORDINATION

REV DATE ISSUE

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PROJECT NUMBER

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PLOT DATE

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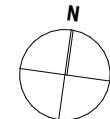
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LOWER GROUND FLOOR PLAN

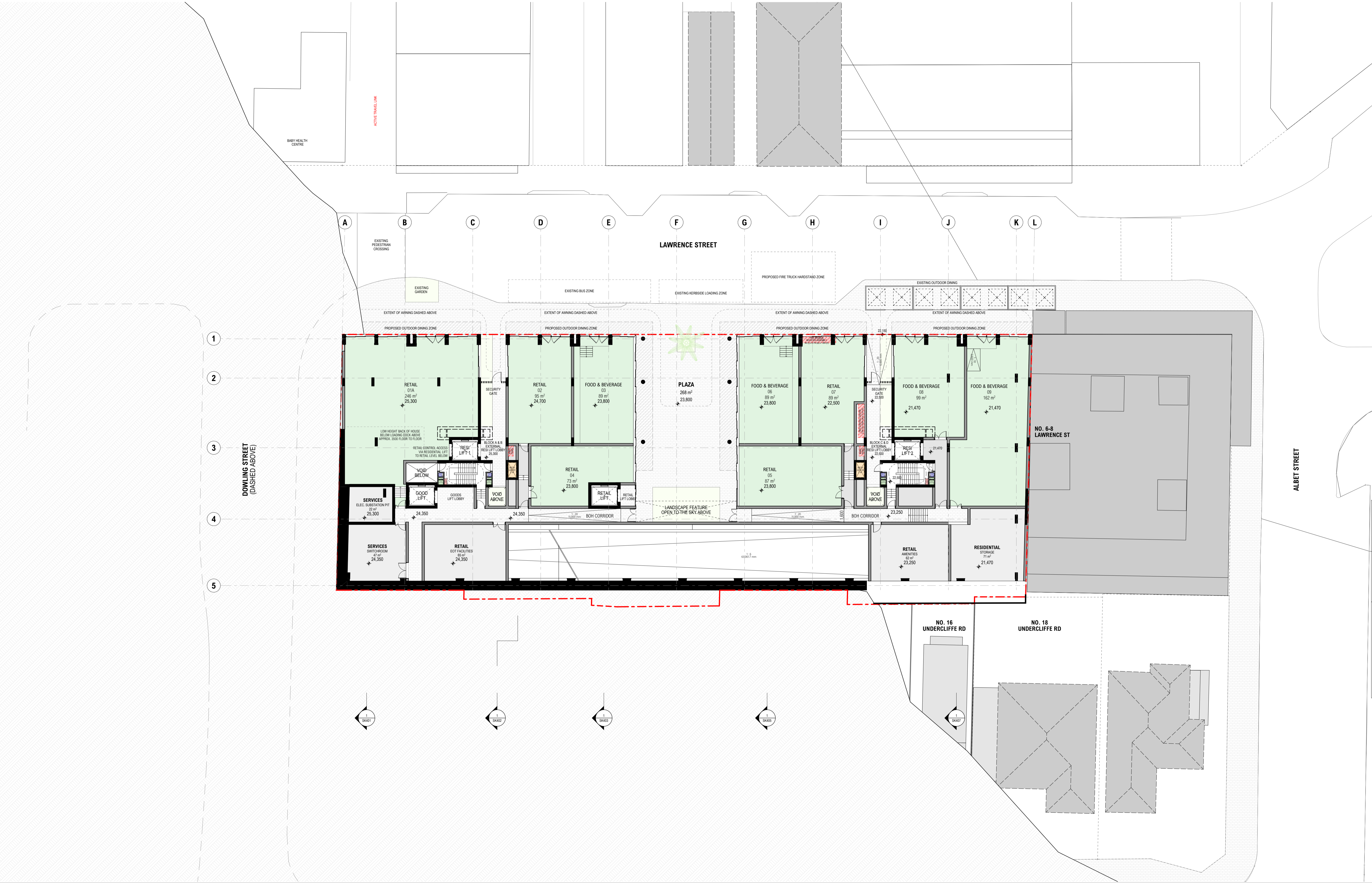
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REV	DATE	ISSUE
01	01/10/24	ISSUE FOR COORDINATION
02	14/10/24	ISSUE FOR COORDINATION

REV DATE ISSUE

PROJECT

FRESHIE MIXED-USE DEVELOPMENT

PROJECT NUMBER

21053

PLOT DATE

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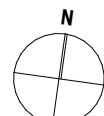
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UPPER GROUND FLOOR PLAN

DRAWING NUMBER

A-DA-100

REVISION

02

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## Appendix C - Groundwater Bore Search

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## State Overview

[State Overview](#)

## Rivers and Streams

[favourites](#) [search](#) [download sites](#) [find a site](#)

[Real Time Data - Rivers And Streams](#)

## Daily River Reports

[Daily River Reports](#)

## Dams

[favourites](#) [search](#) [download sites](#) [find a site](#)

[Real Time Data - Major Dams](#)

## Groundwater (Telemetered data)

[favourites](#) [search](#) [download sites](#) [find a site](#)

[Real Time Data - Bores](#)

## All Groundwater Site details

[search](#) [download sites](#) [find a site](#)

[search by licence](#)

[All Groundwater Map](#)

## Meteorology

[favourites](#) [search](#) [download sites](#) [find a site](#)

[Real Time Data - Weather Stations](#)

## Hunter Integrated Telemetry System

[Hunter Integrated Telemetry System](#)

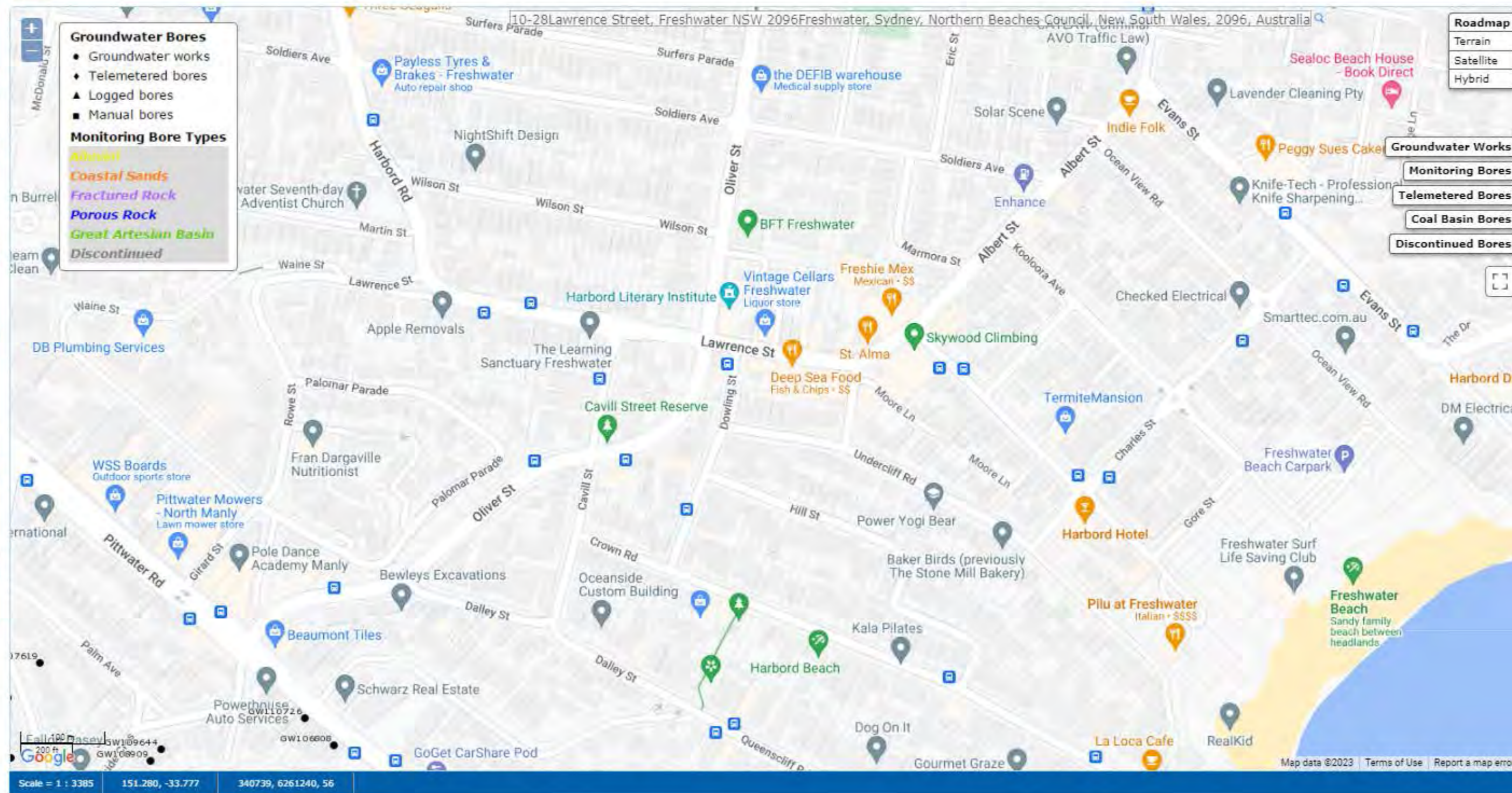
[glossary and metadata](#)

All Groundwater Site Details

# ALL GROUNDWATER MAP

All data times are Eastern Standard Time

[Map](#) [Info](#)



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## Appendix D - Site Photographs

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**Photograph 1:** The western site boundary, facing South of Dowling Street.



**Photograph 2:** Rooftop carpark at the eastern side of site.



**Photograph 3:** Concrete-paved driveway at the back of site.



**Photograph 4:** Observation of minor cracks on concrete at the back of building.



**Photograph 5:** Observation of the internal building condition.



**Photograph 6:** The residential / commercial properties at the northern side of Lawrence Street.

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## Appendix E – Historical Search Information

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# LOTSEARCH

LOTSEARCH ENVIRO LITE

**Date: 17 Nov 2022 12:36:39**

**Reference: LS038065 EL**

**Address: 10-28 Lawrence Street, Freshwater, NSW 2096**

**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	04/11/2022	04/11/2022	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	08/11/2022	14/10/2022	Monthly	1000m	0	0	3
Contaminated Land Records of Notice	Environment Protection Authority	31/10/2022	31/10/2022	Monthly	1000m	0	0	1
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	2
EPA PFAS Investigation Program	Environment Protection Authority	08/11/2022	23/09/2022	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Investigation Sites	Department of Defence	09/11/2022	09/11/2022	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Management Sites	Department of Defence	09/11/2022	09/11/2022	Monthly	2000m	0	0	0
Airservices Australia National PFAS Management Program	Airservices Australia	09/11/2022	09/11/2022	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	31/10/2022	31/10/2022	Monthly	1000m	0	0	0
Delicensed POEO Activities still regulated by the EPA	Environment Protection Authority	31/10/2022	31/10/2022	Monthly	1000m	0	0	0
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority	31/10/2022	31/10/2022	Monthly	1000m	0	0	3
UBD Business Directories (Premise & Intersection Matches)	Hardie Grant			Not required	150m	79	316	349
UBD Business Directories (Road & Area Matches)	Hardie Grant			Not required	150m	-	76	86
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Premise & Intersection Matches)	Hardie Grant			Not required	500m	12	20	125
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Road & Area Matches)	Hardie Grant			Not required	500m	-	3	42
Points of Interest	NSW Department of Customer Service - Spatial Services	19/10/2022	19/10/2022	Quarterly	1000m	0	4	60
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	0
Major Easements	NSW Department of Customer Service - Spatial Services	15/11/2022	15/11/2022	Quarterly	1000m	0	0	17
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	80

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	8
NSW Seamless Geology – Single Layer: Trendlines	Department of Regional NSW	17/02/2022	01/05/2021	Annually	1000m	0	0	1
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	1
Soil Landscapes of Central and Eastern NSW	NSW Department of Planning, Industry and Environment	18/08/2022	27/07/2020	Annually	1000m	2	2	7
Environmental Planning Instrument Acid Sulfate Soils	NSW Department of Planning, Industry and Environment	09/11/2022	28/10/2022	Monthly	500m	0	-	-
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	09/11/2022	09/11/2022	Quarterly	1000m	0	0	0
Current Mining Titles	NSW Department of Industry	09/11/2022	09/11/2022	Monthly	1000m	0	0	0
Mining Title Applications	NSW Department of Industry	09/11/2022	09/11/2022	Monthly	1000m	0	0	0
Historic Mining Titles	NSW Department of Industry	09/11/2022	09/11/2022	Monthly	1000m	10	10	12
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	5	54
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	09/11/2022	28/10/2022	Monthly	1000m	0	2	92
Bush Fire Prone Land	NSW Rural Fire Service	14/11/2022	25/10/2022	Weekly	1000m	0	0	0
Native Vegetation of the Sydney Metropolitan Area	NSW Office of Environment & Heritage	01/03/2017	16/12/2016	Annually	1000m	0	1	13
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	28/10/2022	26/10/2022	Annually	1000m	0	0	0
Inflow Dependent Ecosystems Likelihood	Bureau of Meteorology	28/10/2022	26/10/2022	Annually	1000m	0	0	0
NSW BioNet Species Sightings	NSW Office of Environment & Heritage	15/11/2022	15/11/2022	Weekly	10000m	-	-	-

# Site Diagram

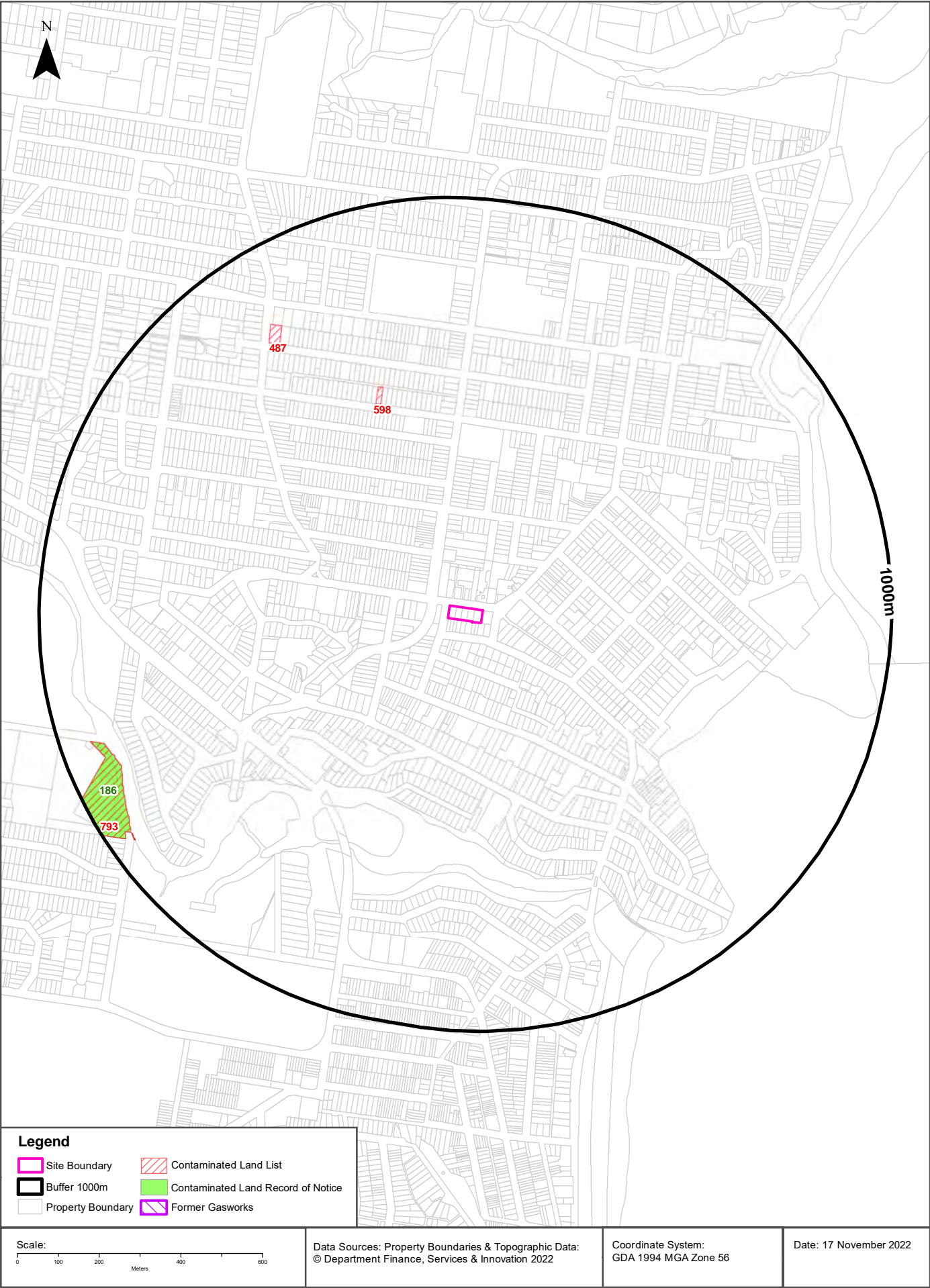
10-28 Lawrence Street, Freshwater, NSW 2096



<b>Legend</b> <div><div></div> Site Boundary</div> <div><div></div> Internal Parcel Boundaries</div>	<b>Total Area:</b> 2518m <sup>2</sup> <b>Total Perimeter:</b> 228m  <small>Disclaimers:</small> 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.	<b>Scale:</b> 0 12.5 25 Meters  Data Source Aerial Imagery: © Aerometrex Pty Ltd  Coordinate System: GDA 1994 MGA Zone 56  Date: 17 November 2022
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# Contaminated Land

10-28 Lawrence Street, Freshwater, NSW 2096



# Contaminated Land

10-28 Lawrence Street, Freshwater, NSW 2096

## 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
598	Former Dry Cleaners	121 Wyndora Avenue	Freshwater	Other Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	522m	North
487	Prime Service Station Freshwater	117 Harbord Road	Freshwater	Service Station	Regulation under CLM Act not required	Current EPA List	Premise Match	764m	North West
793	Former Landfill Addiscombe Road	Addiscombe Road	Manly Vale	Landfill	Contamination currently regulated under CLM Act	Current EPA List	Premise Match	877m	South West

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

10-28 Lawrence Street, Freshwater, NSW 2096

### Contaminated Land: Records of Notice

Record of Notices within the dataset buffer:

Map Id	Name	Address	Suburb	Notices	Area No	Location Confidence	Distance	Direction
186	Former Landfill Addiscombe Road	Addiscombe Road	Manly Vale	3 current and 2 former	3362	Premise Match	877m	South West

Contaminated Land Records of Notice Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

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

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

### Former Gasworks

Former Gasworks within the dataset buffer:

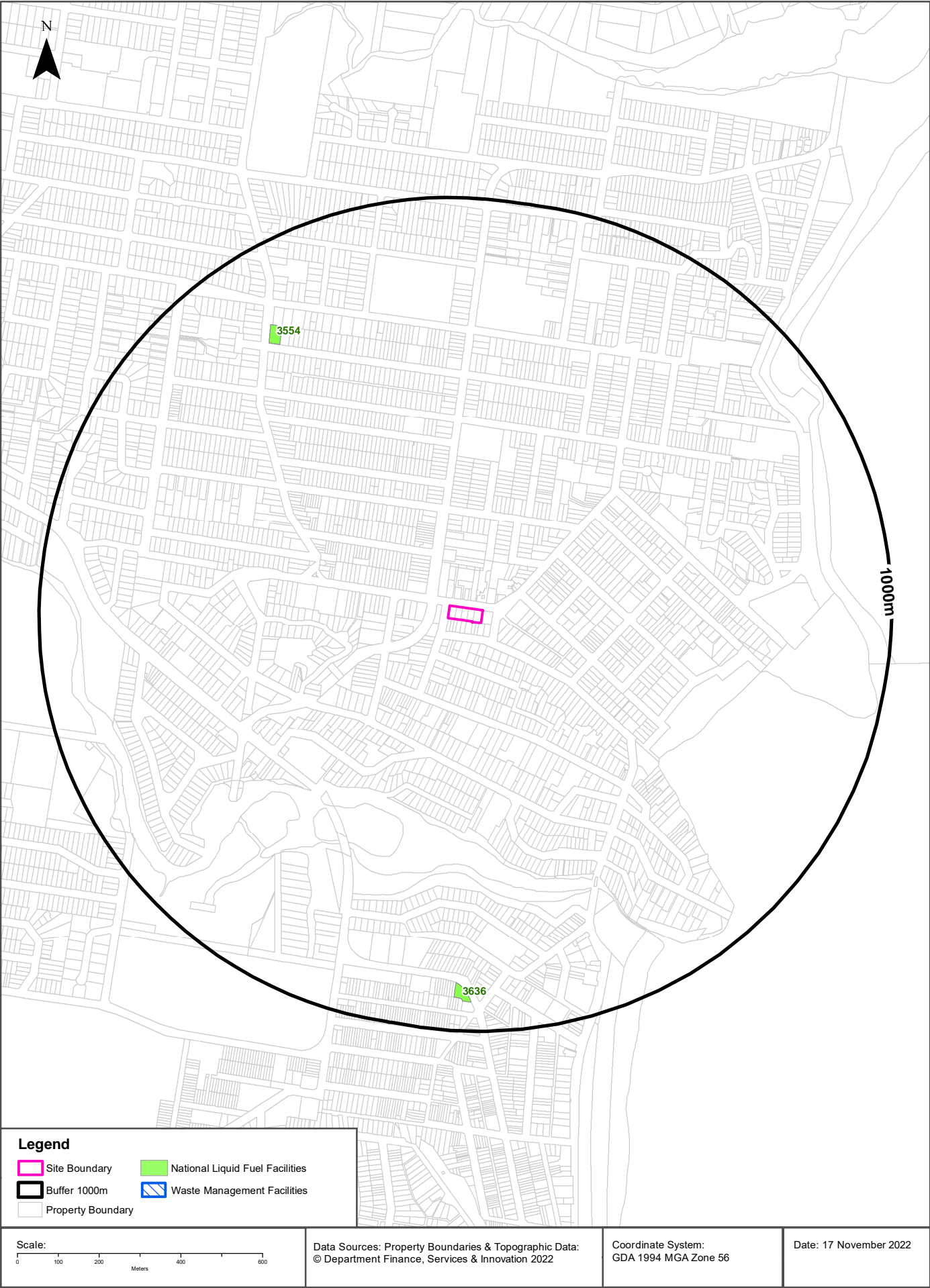
Map Id	Location	Council	Further Info	Location Confidence	Distance	Direction
N/A	No records in buffer					

Former Gasworks Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

# Waste Management & Liquid Fuel Facilities

10-28 Lawrence Street, Freshwater, NSW 2096



# Waste Management & Liquid Fuel Facilities

10-28 Lawrence Street, Freshwater, NSW 2096

## 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

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## National Liquid Fuel Facilities

National Liquid Fuel Facilities within the dataset buffer:

Map Id	Owner	Name	Address	Suburb	Class	Operational Status	Operator	Revision Date	Loc Conf	Dist	Direction
3554	Independent Fuel Supplies	Mobil Harbord	111 Wyuna Avenue	Freshwater	Petrol Station	Operational		25/07/2011	Premise Match	764m	North West
3636	United	Manly	209 Pittwater Road	Manly	Petrol Station	Operational		25/07/2011	Premise Match	882m	South

National Liquid Fuel Facilities Data Source: Geoscience Australia

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# PFAS Investigation & Management Programs

10-28 Lawrence Street, Freshwater, NSW 2096

## 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

10-28 Lawrence Street, Freshwater, NSW 2096

## 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

10-28 Lawrence Street, Freshwater, NSW 2096

### EPA Other Sites with Contamination Issues

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

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

Sites within the dataset buffer:

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

EPA Other Sites with Contamination Issues: Environment Protection Authority  
© State of New South Wales through the Environment Protection Authority

# EPA Activities

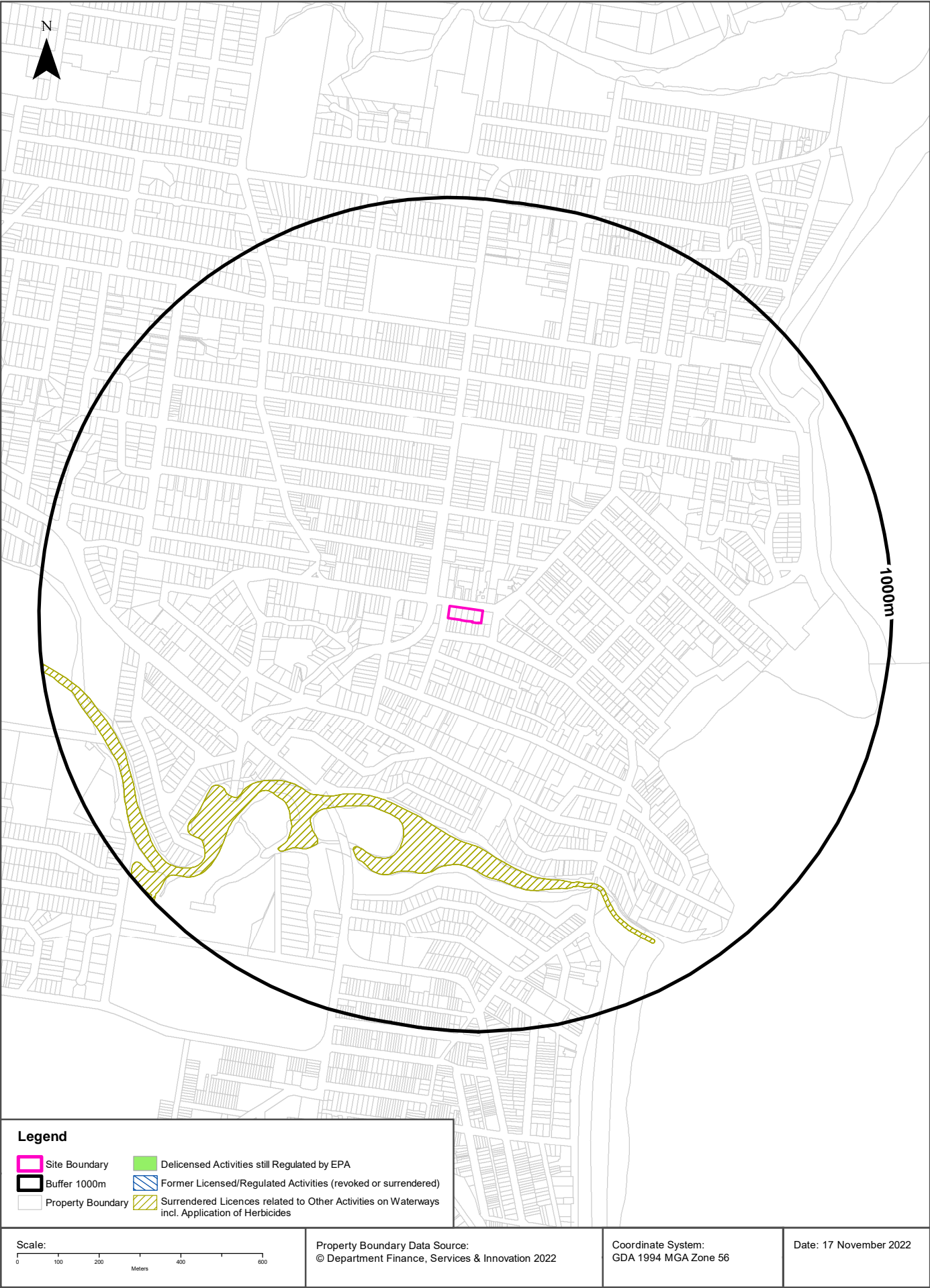
10-28 Lawrence Street, Freshwater, NSW 2096

## Licensed Activities under the POEO Act 1997

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

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

POEO Licence Data Source: Environment Protection Authority  
© State of New South Wales through the Environment Protection Authority



## EPA Activities

10-28 Lawrence Street, Freshwater, NSW 2096

### Delicensed Activities still regulated by the EPA

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

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

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

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

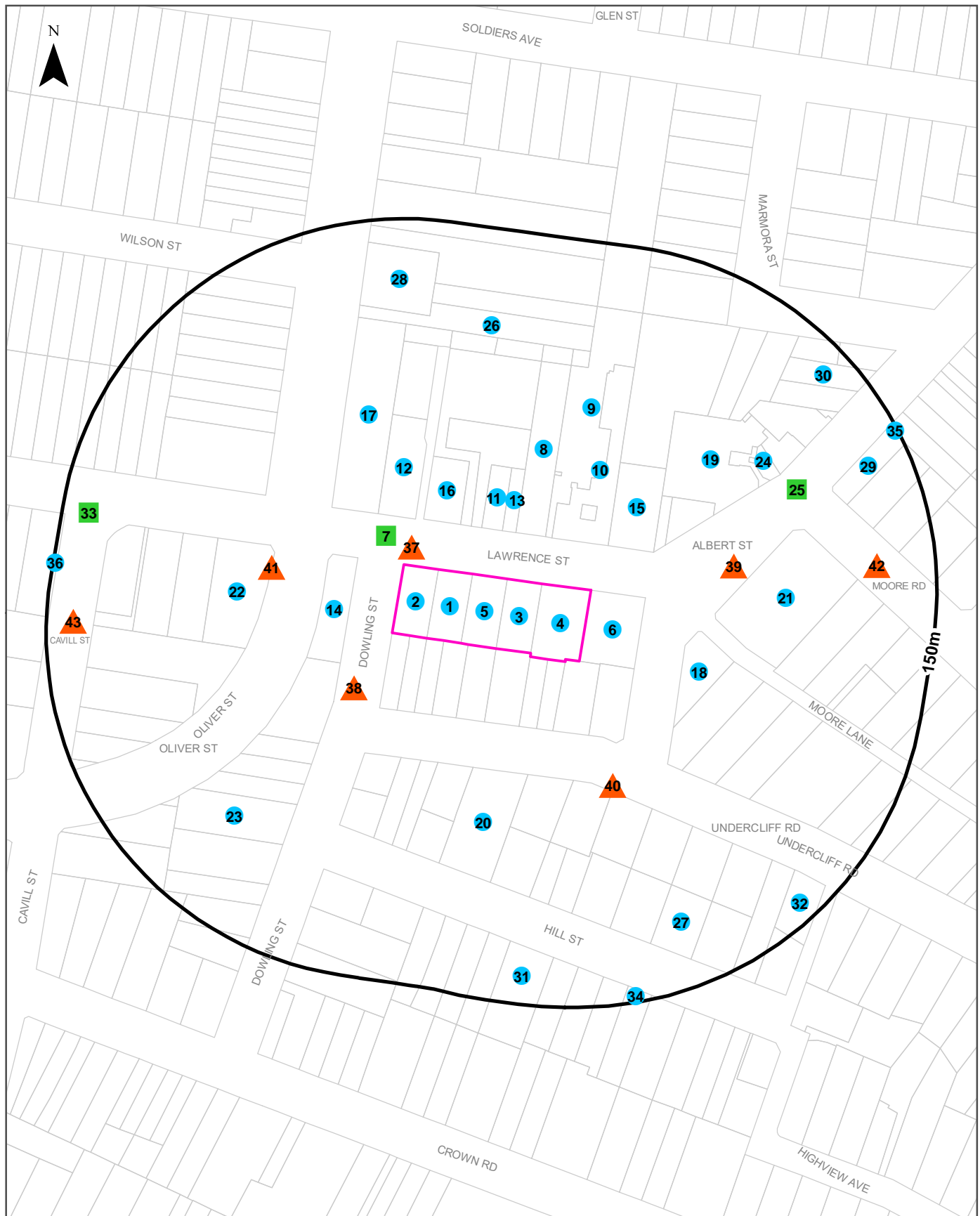
Former Licensed activities under the Protection of the Environment Operations Act 1997, now revoked or surrendered, within the dataset buffer:

Licence No	Organisation	Location	Status	Issued Date	Activity	Loc Conf	Distance	Direction
4653	LUHRMANN ENVIRONMENT MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW	Surrendered	06/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	471m	South West
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	471m	South West
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	471m	South West

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

# Historical Business Directories

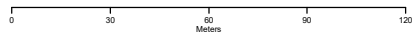
10-28 Lawrence Street, Freshwater, NSW 2096



## 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: 17 November 2022

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

# Historical Business Directories

10-28 Lawrence Street, Freshwater, NSW 2096

## Business Directory Records 1950-1991 Premise or Road Intersection Matches

Universal Business Directory records from years 1991, 1986, 1982, 1978, 1975, 1970, 1965, 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	Bakers	Harbord Bakery, 24 Lawrence St, Harbord 2096	35269	1991	Premise Match	0m	On-site
	BAKERS-BREAD.	Harbord Bakery, 24 Lawrence St, Harbord. 2096	5067	1986	Premise Match	0m	On-site
	DRY CLEANERS & PRESSERS.	Harbord Fabric Care, 22 Lawrence St., Harbord. 2096	25331	1986	Premise Match	0m	On-site
	LAUNDRIES &/OR LAUNDRETTES.	Harbord Fabric Care, 22 Lawrence St., Harbord. 2096	51161	1986	Premise Match	0m	On-site
	DRY CLEANERS & PRESSERS.(D8500)	Harbord Fabric Care, 22 Lawrence St., Harbord. 2096.	23865	1982	Premise Match	0m	On-site
	LAUNDRIES &/OR LAUNDRETTES.(L1850)	Harbord Fabric Care, 22 Lawrence St., Harbord. 2096.	44802	1982	Premise Match	0m	On-site
	BUSINESS AGENTS &/OR BROKERS. (B7920)	Robinson, A. & J. & Associates, 24 Lawrence St., Harbord. 2096.	10378	1982	Premise Match	0m	On-site
	PROPERTY MANAGEMENT. (P9060)	Robinson, A. & J. & Associates, 24 Lawrence St., Harbord. 2096.	67568	1982	Premise Match	0m	On-site
	REAL ESTATE AGENTS. (R2555)	Robinson, A. & J. & Associates, 24 Lawrence St., Harbord. 2096.	69651	1982	Premise Match	0m	On-site
	DRY CLEANERS, PRESSERS &/OR DYERS	Harbord Fabric Care, 22 Lawrence St., Harbord. 2096	20801	1978	Premise Match	0m	On-site
	LAUNDRIES &/OR LAUNDRETTES.	Harbord Fabric Care, 22 Lawrence St., Harbord. 2096	39780	1978	Premise Match	0m	On-site
	BUSINESS AGENTS &/OR BROKERS.	Supreme Real Estate, 24 Lawrence St, Harbord. 2096	8783	1978	Premise Match	0m	On-site
	REAL ESTATE AGENTS &/OR VALUERS.	Supreme Real Estate, 24 Lawrence St, Harbord. 2096	62286	1978	Premise Match	0m	On-site
	PROPERTY MANAGEMENT.	Supreme Real Estate, 24 Lawrence St., Harbord. 2096	60379	1978	Premise Match	0m	On-site
	CAKE SHOPS &/OR PASTRYCOOKS.	Aunty Mays, 26 Lawrence St., Harbord 2096	12416	1975	Premise Match	0m	On-site
	DRY CLEANERS, PRESSERS &/OR DYERS.	Harbord Fabric Care, 22 Lawrence St., Harbord. 2096	24072	1975	Premise Match	0m	On-site
	LAUNDRIES &/OR LAUNDRETTES.	Harbord fabric Care., 22 Lawrence St., Harbord. 2096	46943	1975	Premise Match	0m	On-site
	BUSINESS AGENTS &/OR BROKERS.	Supreme Real Estate, 24 Lawrence St., Harbord 2096	9907	1975	Premise Match	0m	On-site
	PROPERTY MANAGEMENT.	Supreme Real Estate., 24 Lawrence St., Harbord. 2096	70817	1975	Premise Match	0m	On-site
	REAL ESTATE AGENTS &/OR VALUERS.	Supreme Real Estate., 24 Lawrence St., Harbord. 2096	73010	1975	Premise Match	0m	On-site
	CAKE SHOPS & PASTRYCOOKS (C045)	Aunty Mays., 26 Lawrence St., Harbord	276306	1970	Premise Match	0m	On-site
	HAIRDRESSERS (GENT.'S) (H070)	Harbord Continental Barber., 24 Lawrence St., Harbord	313974	1970	Premise Match	0m	On-site
	Hairdressers (Gent.'s)/Tobacconists	Harbord Continental Barber, 24 Lawrence St., Harbord	98097	1965	Premise Match	0m	On-site
	Beauty Salons &/or Ladies Hairdressers	Wright, Teddy., 22 Lawrence St., Harbord	51339	1965	Premise Match	0m	On-site
	LIBRARIES—LENDING	Charm Library & Gifts, 24 Lawrence St., Harbord	331349	1961	Premise Match	0m	On-site
	BEAUTY SALONS & LADIES' HAIRDRESSERS	Wright, Teddy, 22 Lawrence St., Harbord	272888	1961	Premise Match	0m	On-site

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
1	BABY & CHILDREN'S WEAR-RETAIL	Wells, F. and R., 24 Lawrence St., Harbord	4882	1950	Premise Match	0m	On-site
	DRAPERS-RETAIL	Wells, F. and R., 24 Lawrence St., Harbord	34054	1950	Premise Match	0m	On-site
2	TAKE-AWAY FOODS.	Choozameal Take Away Bar, 28 Lawrence St., Harbord. 2096.	90660	1986	Premise Match	0m	On-site
	TAKE-AWAY FOODS. (T0235)	Take Away Bay, 28 Lawrence St., Harbord. 2096.	78939	1982	Premise Match	0m	On-site
	FISH MERCHANTS-RETAIL	Harbord Seafoods, 28 Lawrence St., Harbord. 2096.	32413	1975	Premise Match	0m	On-site
	FISH MERCHANTS-RETAIL (F245)	Harbord Seafoods., 28 Lawrence St., Harbord	303486	1970	Premise Match	0m	On-site
	Fish Merchants - Retail	Harbord Fish & Chips, 28 Lawrence St., Harbord	86847	1965	Premise Match	0m	On-site
	FISH MERCHANTS-RETAIL	Harbord Fish & Chips, 28 Lawrence St., Harbord	311016	1961	Premise Match	0m	On-site
	FISH MERCHANTS-RETAIL	Brown's Fish Shop, 28 Lawrence St., Harbord	44258	1950	Premise Match	0m	On-site
3	BUTCHERS-RETAIL.	Emerald Meat Supplies, 18 Lawrence St., Harbord. 2096	9867	1986	Premise Match	0m	On-site
	RESTAURANTS.	Harbord Chinese Restaurant, 16A Lawrence St., Harbord. 2096	81775	1986	Premise Match	0m	On-site
	GROCERS - RETAIL. (G7850)	Chris Supermarket, 16C Lawrence St., Harbord. 2096.	37445	1982	Premise Match	0m	On-site
	BUTCHERS - RETAIL. (B8040)	Fenelon, W. R., 18 Lawrence St., Harbord. 2096.	10836	1982	Premise Match	0m	On-site
	RESTAURANTS. (R5180)	Harbord Chinese Restaurant, 16A Lawrence St., Harbord. 2096.	70981	1982	Premise Match	0m	On-site
	GROCERS-RETAIL	Chris Supermarket, 16c Lawrence St., Harbord. 2096	33719	1978	Premise Match	0m	On-site
	BUTCHERS-RETAIL.	Dyer, N.A., 18 Lawrence St., Harbord. 2096	9099	1978	Premise Match	0m	On-site
	GROCERS-RETAIL	Chris, Supermarket., 16c Lawrence St., Harbord. 2096	39228	1975	Premise Match	0m	On-site
	BUTCHERS-RETAIL	Dyer. N., 18 Lawrence St., Harbord. 2096	10294	1975	Premise Match	0m	On-site
	RESTAURANTS.	Harbord Chinese Restaurant., 16a Lawrence St., Harbord. 2096	73801	1975	Premise Match	0m	On-site
	TAKE-AWAY FOODS.	Harbord Chinese Restaurant., 16a Lawrence St., Harbord. 2096	81904	1975	Premise Match	0m	On-site
	MIXED BUSINESSES (M408)	O'Toole, D., 16 Lawrence St., Harbord	333517	1970	Premise Match	0m	On-site
	BUTCHERS-RETAIL (B860)	Paris Butchery., 18 Lawrence Si., Harbord	274277	1970	Premise Match	0m	On-site
	Mixed Businesses	Hargrave, S. A. & M. M., 16 Lawrence St., Harbord	117476	1965	Premise Match	0m	On-site
	Butchers - Retail	Paris Butchery, 18 Lawrence St., Harbord	59033	1965	Premise Match	0m	On-site
	BUTCHERS-RETAIL	Paris Butchery, 18 Lawrence St., Harbord	280928	1961	Premise Match	0m	On-site
	MIXED BUSINESS	Serich, R. & D., 16 Lawrence St., Harbord	342351	1961	Premise Match	0m	On-site
	CAFES, TEA ROOMS, COFFEE LOUNGES, Etc.	Martin's, 16 Lawrence St., Harbord	15734	1950	Premise Match	0m	On-site
	DELICATESSENS & SMALLGOODS DEALERS	Martin's, 16 Lawrence St., Harbord	30834	1950	Premise Match	0m	On-site
	FRUITERERS & GREENGROCERS	Martin's, 16 Lawrence St., Harbord	50658	1950	Premise Match	0m	On-site
	GROCERS-RETAIL	Martin's, 16 Lawrence St., Harbord	58212	1950	Premise Match	0m	On-site
4	DELICATESSENS.	Freshie, The 12 Lawrence St., Harbord. 2096	21721	1986	Premise Match	0m	On-site
	HAIRDRESSERS-LADIES &/OR BEAUTY SALONS.	Hair Design, 12 Lawrence St, Harbord. 2096	42192	1986	Premise Match	0m	On-site
	SPORTS GOODS RETAILERS.	Harbord Sports & Tackle, 12 Lawrence St., Harbord. 2096	87489	1986	Premise Match	0m	On-site

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
4	VIDEO RECORDER &/OR CASSETTE SALES &/OR HIRE &/OR SERVICE.	Harbord Video Hire, 14 Lawrence St. Harbord. 2096	97584	1986	Premise Match	0m	On-site
	BEAUTICIANS.	Total Look, 12 Lawrence St, Harbord. 2096	5863	1986	Premise Match	0m	On-site
	DELICATESSENS, (D1250)	Freshie, The, 12 Lawrence St., Harbord. 2096.	19399	1982	Premise Match	0m	On-site
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS. (B2000)	Hair Design, 12 Lawrence St., Harbord. 2096.	5752	1982	Premise Match	0m	On-site
	HABERDASHERY- RETAIL (H0050)	Harbord Sewing Centre, 12 Lawrence St., Harbord. 2096.	38297	1982	Premise Match	0m	On-site
	TRAVEL AGENCIES &/OR BOOKING OFFICES. (T7425)	Harbord Travel, 14 Lawrence St., Harbord. 2096.	81912	1982	Premise Match	0m	On-site
	GIFT SHOPS. (G3350)	Jannies Gift Market, 12 Lawrence St., Harbord. 2096.	36340	1982	Premise Match	0m	On-site
	BABY & CHILDREN'S WEAR- RETAIL	"Teddy-Bear" (The), 10 Lawrence St., Harbord	270357	1961	Premise Match	0m	On-site
	BABY & CHILDREN'S WEAR- RETAIL	"Teddy Bear" (The), 14 Lawrence St., Harbord	4384	1950	Premise Match	0m	On-site
	DRESSMAKERS & COSTUMIERS	Junele, 10 Lawrence St., Harbord	34564	1950	Premise Match	0m	On-site
	KNITTED GOODS MFRS. & KNITTING MILLS	Junele, 10 Lawrence St., Harbord	67246	1950	Premise Match	0m	On-site
	BABY & CHILDREN'S WEAR- RETAIL	McDonald and Matchett (Teddy Bear Babywear Shop), 10 Lawrence St., Harbord	4677	1950	Premise Match	0m	On-site
	KNITTED GOODS MFRS. & KNITTING MILLS	Olds, Mrs. S., 10 Lawrence St., Harbord	67276	1950	Premise Match	0m	On-site
	HAIRDRESSERS (GENT.'S) &/OR TOBACCONISTS	Wilson, J. H., 12 Lawrence St., Harbord	60184	1950	Premise Match	0m	On-site
5	FLORISTS-RETAIL.	Rose-Marie, 20 Lawrence St., Harbord. 2096	33893	1986	Premise Match	0m	On-site
	FRUITERERS &/OR GREENGROCERS. (F6775)	Harbord Fruit Palace, 20 Lawrence St., Harbord. 2096.	33607	1982	Premise Match	0m	On-site
	FRUITERERS &/OR GREENGROCERS.	Grape Vine, The, 20 Lawrence St., Harbord. 2096.	35320	1975	Premise Match	0m	On-site
	FRUITERERS/GREENGROCER S (F640)	Harbord Fruit Supply., 20 Lawrence St., Harbord.	307228	1970	Premise Match	0m	On-site
	Fruiterers & Greengrocers	Harbord Fruit Supply, 20 Lawrence St., Harbord	91409	1965	Premise Match	0m	On-site
	FRUITERERS/GREENGROCER S	Harbord Fruit Supply, 20 Lawrence St., Harbord	315507	1961	Premise Match	0m	On-site
6	SEWING MACHINE DEALERS	Ware, J., 8 Lawrence St., Harbord	249033	1961	Premise Match	0m	East
7	RADIO &/OR TELEVISION SALES &/OR SERVICEMEN.	Lenon, B. Radio & T. V., Lawrence & Dowling Sts., Harbord. 2096	61104	1978	Road Intersection	14m	North West
	ELECTRICAL REPAIR SERVICES.	Lenon, B. Radio & T.V., Lawrence & Dowling Sts., Harbord. 2096	22625	1978	Road Intersection	14m	North West
	DENTISTS	Whitehouse, C. L., Cnr. Lawrence & Dowling Sts., Harbord	296546	1961	Road Intersection	14m	North West
8	Real Estate Agents	Neville, Leete Real Estate, 19 Lawrence St., Harbord 2096	60509	1991	Premise Match	20m	North
	TAKE-AWAY FOODS.	Hungry Hunza, The, 19A Lawrence St., Harbord. 2096.	91016	1986	Premise Match	20m	North
	PROPERTY MANAGEMENT.	Leete, Neville Pty. Ltd., 19 Lawrence St., Harbord. 2096	77743	1986	Premise Match	20m	North
	REAL ESTATE AGENTS.	Leete, Neville Pty. Ltd., 19 Lawrence St., Harbord. 2096	79801	1986	Premise Match	20m	North
	PROPERTY MANAGEMENT.	Leete, Neville, 19 Lawrence St., Harbord. 2096	77741	1986	Premise Match	20m	North
	REAL ESTATE AGENTS.	Leete, Neville, 19 Lawrence St., Harbord. 2096	79799	1986	Premise Match	20m	North
	DELICATESSENS, (D1250)	But Naturally, 19A Lawrence St., Harbord. 2096.	19289	1982	Premise Match	20m	North
	HEALTH FOODS - RETAIL. (H3000)	But Naturally, 19A Lawrence St., Harbord. 2096.	39646	1982	Premise Match	20m	North

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
8	FURNISHINGS - SOFT - RETAIL(F7250)	Sylvester & Burton, 19 Lawrence St., Harbord. 2096.	34331	1982	Premise Match	20m	North
	FURNISHINGS-SOFT RETAIL	Sylvester & Burton, 19 Lawrence St., Harbord. 2096	31181	1978	Premise Match	20m	North
	DELICATESSENS.	The Delli, 19a Lawrence St., Harbord. 2096	17711	1978	Premise Match	20m	North
	HEALTH FOODS-RETAIL.	The Delli. 19a Lawrence St., Harbord. 2096	35417	1978	Premise Match	20m	North
	MEDICAL PRACTITIONERS.	Clark. B. E. H., 19 Lawrence St., Harbord. 2096.	49936	1975	Premise Match	20m	North
	MEDICAL PRACTITIONERS.	Cotton, B. D., 19 Lawrence St., Harbord. 2096.	50013	1975	Premise Match	20m	North
	MEDICAL PRACTITIONERS.	Edwards, R. P., 19 Lawrence St., Harbord. 2096.	50200	1975	Premise Match	20m	North
	MEDICAL PRACTITIONERS.	George, J. F., 19 Lawrence St., Harbord. 2096.	50364	1975	Premise Match	20m	North
	DENTISTS.	Mackay, E., 19 Lawrence St., Harbord. 2096	21146	1975	Premise Match	20m	North
	SOLICITORS.	Neil, N. J., 19 Lawrence St., Harbord. 2096	78580	1975	Premise Match	20m	North
	MEDICAL PRACTITIONERS.	Newton, N. W., 19 Lawrence St., Harbord. 2096.	51176	1975	Premise Match	20m	North
	FURNISHINGS-SOFT RETAIL	Sylvester & Burton, 19 Lawrence St., Harbord. 2096	36273	1975	Premise Match	20m	North
	DUPLICATING &/OR TYPING SPEC.	Harbord Printing., 17-19 Albert St., Harbord, 2096	292717	1970	Premise Match	20m	North
	PRINTERS-LETTERPRESS (P806)	Harbord Printing., 17-19 Albert St., Harbord, 2096	352103	1970	Premise Match	20m	North
	CHEMISTS-PHARMACEUTICAL	Riley, Bernard., 19 Lawrence St., Harbord	281042	1970	Premise Match	20m	North
	Chemists - Pharmaceutical	Riley, Bernard, 19 Lawrence St., Harbord	65544	1965	Premise Match	20m	North
9	Real Estate Agents	Robinson, A. & J. & Associates, 13 Lawrence St., Harbord. 2096	60720	1991	Premise Match	20m	North East
	BUTCHERS-RETAIL.	Jennings, R. W., 11 Lawrence St., Harbord. 2096	10096	1986	Premise Match	20m	North East
	ELECTRICAL APPLIANCES-REPAIRS &/OR SERVICE AGENTS.	Roberts, A. R., 13 Lawrence St., Harbord. 2096	27013	1986	Premise Match	20m	North East
	ELECTRICAL SUPPLIES &/OR APPLIANCES-RETAIL.	Roberts, A. R., 13 Lawrence St., Harbord. 2096	27510	1986	Premise Match	20m	North East
	PROPERTY MANAGEMENT.	Robinson, A. & J. & Associates, 13 Lawrence St., Harbord. 2096	77931	1986	Premise Match	20m	North East
	REAL ESTATE AGENTS.	Robinson, A. & J. & Associates, 13 Lawrence St., Harbord. 2096	80129	1986	Premise Match	20m	North East
	BUSINESS AGENTS &/OR BROKERS.	Roninson, A. & J. & Associates, 13 Lawrence St., Harbord. 2096	9462	1986	Premise Match	20m	North East
	BUTCHERS - RETAIL. (B8040)	Jennings, R. W., 11 Lawrence St., Harbord. 2096.	11050	1982	Premise Match	20m	North East
	ELECTRICAL APPLIANCES - REPAIRS &/OR SERVICE AGENTS.(E3210)	Roberts, A. R., 13 Lawrence St., Harbord. 2096.	25368	1982	Premise Match	20m	North East
	ELECTRICAL SUPPLIES &/OR APPLIANCES - RETAIL. (E3840)	Roberts, A. R., 13 Lawrence St., Harbord. 2096.	25838	1982	Premise Match	20m	North East
	BUTCHERS-RETAIL.	Jennings, R.W., 11 Lawrence St., Harbord. 2096	9385	1978	Premise Match	20m	North East
	ELECTRICAL CONTRACTORS-LICENSED.	Roberts, A. R., 13 Lawrence St., Harbord. 2096	22482	1978	Premise Match	20m	North East
	ELECTRICAL REPAIR SERVICES.	Roberts, A. R., 13 Lawrence St., Harbord. 2096	22632	1978	Premise Match	20m	North East
	ELECTRICAL SUPPLIES &/OR APPLIANCES-RETAIL.	Roberts, A. R., 13 Lawrence St., Harbord. 2096	22870	1978	Premise Match	20m	North East
	HEALTH FOODS-RETAIL	Delhi, The, 17 Lawrence St., Harbord. 2096	41778	1975	Premise Match	20m	North East
	BUTCHERS-RETAIL	Harbord Quality Meat, 11 Lawrence St., Harbord. 2096	10506	1975	Premise Match	20m	North East

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9	ELECTRICAL CONTRACTORS-LICENSED.	Roberts, A. R., 13 Lawrence St., Harbord. 2096.	25919	1975	Premise Match	20m	North East
	ELECTRICAL REPAIR SERVICES.	Roberts, A. R., 13 Lawrence St., Harbord. 2096.	26138	1975	Premise Match	20m	North East
	ELECTRICAL SUPPLIES &/OR APPLIANCES-RETAIL	Roberts, A. R., 13 Lawrence St., Harbord. 2096	26480	1975	Premise Match	20m	North East
	BUTCHERS-RETAIL (B860)	arbord Quality Meat., 11 Lawrence St., Harbord	273091	1970	Premise Match	20m	North East
	BUTCHERS-RETAIL (B860)	Grigg, C. E., 11 Lawrence St., Harbord	273716	1970	Premise Match	20m	North East
	HEALTH FOOD RETAILERS (H350)	Harbord Health Foods., 17 Lawrence St., Harbord	315961	1970	Premise Match	20m	North East
	ELECTRICAL CONTRACTORS-LICENSED (E300)	Roberts, A. R., 13 Lawrence St., HARBORD	295375	1970	Premise Match	20m	North East
	ELECTRICAL CONTRACTORS-LICENSED (E300)	Roberts, A. R., 13 Lawrence St., HARBORD	294872	1970	Premise Match	20m	North East
	PAINT,VARNISH,OILS/COLOUR MERCHANTS (P074)	Roberts, A. R., 13-15 Lawrence St., Harbord	346345	1970	Premise Match	20m	North East
	ELECTRICAL SUPPLIES/APPLIANCES RETAILERS	Roberts, A. R., 13-17 Lawrence St., Harbord	295878	1970	Premise Match	20m	North East
	HARDWARE DEALERS/IRONMONGERS (H230)	Roberts, A. R., 13-17 Lawrence St., HARBORD	315284	1970	Premise Match	20m	North East
	RADIO &/OR TELEVISION SALES & SERVICEMEN (R090)	Roberts, A. R., 13-17 Lawrence St., HARBORD	354491	1970	Premise Match	20m	North East
	Butchers - Retail	Grigg, C. E., 11 Lawrence St., Harbord	58413	1965	Premise Match	20m	North East
	Health Food Retailers	Harbord Health Foods, 17 Lawrence St., Harbord	100041	1965	Premise Match	20m	North East
	Butchers - Retail	Harbord Quality Meat., 11 Lawrence St., Harbord	58459	1965	Premise Match	20m	North East
	Builders' Suppliers	Roberts, A. B., 13-17 Lawrence St., Harbord	56311	1965	Premise Match	20m	North East
	Hardware Dealers &/or Iron Mongers	Roberts, A. R., 13-17 L awrence St., Harbord	99254	1965	Premise Match	20m	North East
	Electrical Contractors - Licensed	Roberts, A. R., 13-17 Lawrence St., Harbord	78656	1965	Premise Match	20m	North East
	Electrical Supplies/Appliances Retailers	Roberts, A. R., 13-17 Lawrence St., Harbord	79636	1965	Premise Match	20m	North East
	Radio &/Or Television Sales & Servicemen	Roberts, A. R., 13-17 Lawrence St., Harbord	138223	1965	Premise Match	20m	North East
	Paint, Varnish, Oils/Colour Merchants	Roberts, A. R., 13-15 Lawrence St., Harbord	131022	1965	Premise Match	20m	North East
	BUTCHERS-RETAIL	Grigg, C. E., 11 Lawrence St., Harbord	280392	1961	Premise Match	20m	North East
	BUTCHERS-RETAIL	Jennings, R. W., 11 Lawrence St., Harbord	280552	1961	Premise Match	20m	North East
	RADIO &/OR TELEVISION SALES & SERVICEMEN	Roberts, A. R., 13-17 Lawrence St. HARBORD	364244	1961	Premise Match	20m	North East
	BUILDERS' SUPPLIERS	Roberts, A. R., 13-17 Lawrence St., Harbord	278390	1961	Premise Match	20m	North East
	ELECTRICAL SUPPLIES/APPLIANCES RETAILERS	Roberts, A. R., 13-17 Lawrence St., Harbord	303363	1961	Premise Match	20m	North East
	HARDWARE DEALERS/IRONMONGERS	Roberts, A. R., 13-17 Lawrence St., HARBORD	323284	1961	Premise Match	20m	North East
	LAWN MOWER REPAIRERS/SHARPENERS	Roberts, A. R., 13-17 Lawrence St., Harbord	330805	1961	Premise Match	20m	North East
	BUTCHERS-RETAIL	Morrison, H. R., 11 Lawrence St., Harbord	13997	1950	Premise Match	20m	North East
	ELECTRICAL CONTRACTORS &/OR ELECTRICIANS	Roberts, A. R., 13 Lawrence Rd., Harbord	37846	1950	Premise Match	20m	North East
	ELECTRICAL SUPPLIES & APPLIANCES RETAILERS	Roberts, A. R., 13 Lawrence St., Harbord	38829	1950	Premise Match	20m	North East
10	NEWSAGENTS.	Aroneys Newsagency, 9 Lawrence St., Harbord. 2096	69120	1986	Premise Match	20m	North East

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10	NEWSAGENTS. (N0800)	Aroneys Newsagency, 9 Lawrence St., Harbord. 2096.	60336	1982	Premise Match	20m	North East
	NEWSAGENTS-GENERAL.	Aroneys Newsagency, 9 Lawrence St, Harbord 2096	53763	1978	Premise Match	20m	North East
	NEWSAGENTS-GENERAL	Aroneys Newsagency., 9 Lawrence St., Harbord. 2096	63365	1975	Premise Match	20m	North East
	NEWSAGENTS (N100)	Aroneys Newsagency., 9 Lawrence St., Harbord	343338	1970	Premise Match	20m	North East
	Mixed Businesses	Newson, A. & A. K., 9 Lawrence St., Harbord	118188	1965	Premise Match	20m	North East
	MIXED BUSINESS	Newson, A. & A. K., 9 Lawrence St., Harbord	341946	1961	Premise Match	20m	North East
	MIXED BUSINESSES & GENERAL STORES	Guerin Cash Store, 9 Lawrence St., Harbord	80079	1950	Premise Match	20m	North East
	FRUITERERS & GREENGROCERS	Guerin, Mrs. F., 9 Lawrence St., Harbord	50240	1950	Premise Match	20m	North East
	GROCERS-RETAIL	Guerin, Mrs. F., 9 Lawrence St., Harbord	57634	1950	Premise Match	20m	North East
	HARDWARE DEALERS &/OR IRONMONGERS	Guerin, Mrs. F., 9 Lawrence St., Harbord	61070	1950	Premise Match	20m	North East
11	MEDICAL PRACTITIONERS.	Cussell, G., 23 Lawrence St., Harbord. 2096.	54420	1986	Premise Match	20m	North
	CHEMISTS-PHARMACEUTICAL.	Riley, Bernard M., 23 Lawrence St., Harbord. 2096	14759	1986	Premise Match	20m	North
	MEDICAL PRACTITIONERS.	Wong-See, H., 23 Lawrence St., Harbord. 2096	58336	1986	Premise Match	20m	North
	MEDICAL PRACTITIONERS. (M2020)	Cussell, G., 23 Lawrence St., Harbord 2096.	47780	1982	Premise Match	20m	North
	CHEMISTS - PHARMACEUTICAL.(C4110)	Riley, Bernard M., 23 Lawrence St., Harbord. 2096.	15571	1982	Premise Match	20m	North
	MEDICAL PRACTITIONERS. (M2020)	Wong-See, H., 23 Lawrence St., Harbord. 2096.	50887	1982	Premise Match	20m	North
	MEDICAL PRACTITIONERS.	George. J. F., 23 Lawrence St., Harbord. 2096	42902	1978	Premise Match	20m	North
	CHEMISTS-PHARMACEUTICAL.	Harbord Pharmacy, 23 Lawrence St., Harbord. 2096	13295	1978	Premise Match	20m	North
	DENTAL LABORATORIES &/OR TECHNICIANS.	Mackay, E., 23 Lawrence St., Harbord. 2096	17801	1978	Premise Match	20m	North
	DENTAL LABORATORIES &/OR TECHNICIANS	Mackay. E., 23 Lawrence St., Harbord. 2096	20657	1975	Premise Match	20m	North
	CHEMISTS-PHARMACEUTICAL	Riley, B., 23 Lawrence St., Harbord. 2096	15831	1975	Premise Match	20m	North
12	HEALTH CENTRES &/OR CLINICS.	Harbord Baby Health Centre, 29 Lawrence St., Harbord. 2096	45064	1986	Premise Match	20m	North West
	HEALTH CENTRES &/OR CLINICS.(H2800)	Harbord Baby Health Centre, 29 Lawrence St., Harbord. 2096.	39521	1982	Premise Match	20m	North West
	HEALTH CENTRES &/OR CLINICS.	Harbord Baby Health Centre, 29 Lawrence St., Harbord. 2096	35223	1978	Premise Match	20m	North West
	HEALTH CENTRES & OR CLINICS	Harbord Baby Health Centre. 29 Lawrence St., Harbord. 2096	41652	1975	Premise Match	20m	North West
	SCHOOLS-KINDERGARTEN, DAY NURSERY.	Harbord Kindergarten., 29a Lawrence St., Harbord. 2096	75972	1975	Premise Match	20m	North West
	HEALTH CENTRES & CLINICS (H330)	Harbord Baby Health Centre., 29 Lawrence St., Harbord	315774	1970	Premise Match	20m	North West
	SCHOOLS-KINDERGARTEN/DAY NURSERY (S149)	Harbord Kindergarten, 29a Lawrence St., Harbord	359643	1970	Premise Match	20m	North West
	Health Centres & Clinics	Harbord Baby Health Centre, 29 Lawrence St., Harbord	99883	1965	Premise Match	20m	North West
	Schools - Kindergarten/Day Nursery	Harbord Kindergarten., 29a Lawrence St., Harbord	143054	1965	Premise Match	20m	North West
	HEALTH CENTRES & CLINICS	Harbord Baby Health Centre, 29 Lawrence St., Harbord	323971	1961	Premise Match	20m	North West
13	REAL ESTATE AGENTS.	Hooker, L. J. - Harbord, 21 Lawrence St., Harbord. 2096	79595	1986	Premise Match	20m	North

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13	PROPERTY MANAGEMENT. (P9060)	Leonard, S. & Co. Pty. Ltd., 21 Lawrence St., Harbord. 2096.	67431	1982	Premise Match	20m	North
	REAL ESTATE AGENTS. (R2555)	Leonard, S. & Co. Pty. Ltd., 21 Lawrence St., Harbord. 2096.	69321	1982	Premise Match	20m	North
	PROPERTY MANAGEMENT.	Leonard, S. & Co. Pty. Ltd., 21 Lawrence St., Harbord. 2096	60249	1978	Premise Match	20m	North
	REAL ESTATE AGENTS &/OR VALUERS.	Leonard, S. & Co. Pty. Ltd., 21 Lawrence St., Harbord. 2096	61935	1978	Premise Match	20m	North
	REAL ESTATE AGENTS &/OR VALUERS.	Leonard, S. & Co. Pty. Ltd., 21 Lawrence St., Harbord. 2096	72616	1975	Premise Match	20m	North
	PROPERTY MANAGEMENT.	Leonard, S. & Co. Pty. Ltd., 21 Lawrence St., Harbord. 2096	70705	1975	Premise Match	20m	North
	REAL ESTATE AGENTS/VALUERS(R205)	Leonard, Stanley & Co., 21 Lawrence St., HARBORD	355644	1970	Premise Match	20m	North
	Insurance Agents	Leonard, Stanley & Co., 21 Lawrence St., Harbord	104376	1965	Premise Match	20m	North
	Real Estate Agents/Valuers	Leonard, Stanley & Co., 21 Lawrence St., Harbord	139280	1965	Premise Match	20m	North
	REAL ESTATE AGENTS/VALUERS	Leonard, Stanley & Co., 21 Lawrence St. HARBORD	365837	1961	Premise Match	20m	North
	INSURANCE AGENTS	Leonard, Stanley & Co., 21 Lawrence St., Harbord	327885	1961	Premise Match	20m	North
14	CHEMISTS-PHARMACEUTICAL.	Hurley, B. M., 48 Lawrence St., Harbord. 2096	13342	1978	Premise Match	20m	West
	Chemists - Pharmaceutical	Field, M. L., 48 Lawrence St., Harbord	64998	1965	Premise Match	20m	West
	CHEMISTS-PHARMACEUTICAL	Bradley, B. M., 48 Lawrence St., Harbord	21345	1950	Premise Match	20m	West
	REAL ESTATE AGENTS	Chester, J. B., 48 Laurence St., Harbord	98072	1950	Premise Match	20m	West
	CHEMISTS-PHARMACEUTICAL	Patterson, Miss M., 48 Lawrence St., Harbord	21914	1950	Premise Match	20m	West
15	TAKE-AWAY FOODS.	Karen Coffee Shop, 7B Lawrence St., Harbord. 2096.	91072	1986	Premise Match	21m	North East
	SANDWICH &/OR LUNCHEON SHOPS.	Karens Coffee Shop, 7B Lawrence St., Harbord. 2096	84358	1986	Premise Match	21m	North East
	FRUITERERS &/OR GREENGROCERS.	Orana, The, 7C Lawrence St., Harbord. 2096	36223	1986	Premise Match	21m	North East
	DRAPERS-RETAIL.	Vidler, B. & N., 7A Lawrence St., Harbord. 2096	24888	1986	Premise Match	21m	North East
	TAKE-AWAY FOODS. (T0235)	Chalice's Coffee Shop, 7B Lawrence St., Harbord. 2096	78217	1982	Premise Match	21m	North East
	SANDWICH &/OR LUNCHEONSHOPS. (S0600)	Chalice's Coffee Shop, 7B Lawrence St., Harbord. 2096.	72929	1982	Premise Match	21m	North East
	FRUITERERS &/OR GREENGROCERS. (F6775)	Orana, The, 7C Lawrence St., Harbord. 2096.	33794	1982	Premise Match	21m	North East
	DRAPERS - RETAIL. (D6600)	Vidler, B. & N., 7A Lawrence St., Harbord. 2096.	22208	1982	Premise Match	21m	North East
	MEDICAL PRACTITIONERS.	Patel, V. D., 7b Lawrence St., Harbord. 2096	43885	1978	Premise Match	21m	North East
	DRAPERS-RETAIL.	Vidler, B. & N., 7a Lawrence St., Harbord. 2096	19671	1978	Premise Match	21m	North East
	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Young, W., 7c Lawrence St., Harbord. 2096	46245	1978	Premise Match	21m	North East
	DRAPER-RETAIL	Harbord Drapery, 7a Lawrence St., Harbord. 2096	22518	1975	Premise Match	21m	North East
	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Orana Milk Bar & Fruit, The., 7c Lawrence St., Harbord. 2096	53689	1975	Premise Match	21m	North East
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS (B260)	Janis Salon., 7b Lawrence St., Harbord	266044	1970	Premise Match	21m	North East
	MILK, FRUIT JUICE BARS/CONFECTIONERS	Orana Milk Bar & Fruit (The)., 7c Lawrence St., Harbord	330994	1970	Premise Match	21m	North East
	DRAPERS-RETAIL (D540)	Wells, F., 7a Lawrence St., Harbord	290652	1970	Premise Match	21m	North East
	DELICATESSENS	Harbord Delicatessen (The), 7a Lawrence St., Harbord	72258	1965	Premise Match	21m	North East

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15	Beauty Salons &/or Ladies Hairdressers	Janis Salon., 7b Lawrence St., Harbord	50747	1965	Premise Match	21m	North East
	Milk, Fruit Juice Bars/Confectioners	Orana Milk Bar & Fruit (The), 7c Lawrence St., Harbord	115398	1965	Premise Match	21m	North East
16	GROCERS-RETAIL.	Prestige (Supermarket), 27 Lawrence St., Harbord. 2096	41076	1986	Premise Match	21m	North
	WINE &/OR SPIRIT MERCHANTS RETAIL.	Prestige (Supermarket), 27 Lawrence St., Harbord. 2096	99505	1986	Premise Match	21m	North
	GROCERS - RETAIL. (G7850)	Harrys Foodland (Supermarket), 27 Lawrence St., Harbord. 2096.	37739	1982	Premise Match	21m	North
	WINE &/OR SPIRIT MERCHANTS - RETAIL. (W5960)	Harrys Foodland (Supermarket), 27 Lawrence St., Harbord. 2096.	84788	1982	Premise Match	21m	North
	GROCERS-RETAIL	Harrys Foodland (Supermarket), 27 Lawrence St., Harbord. 2096	33960	1978	Premise Match	21m	North
	WINE &/OR SPIRIT MERCHANTS- RETAIL.	Harrys Foodland (Supermarket), 27 Lawrence St., Harbord. 2096	74749	1978	Premise Match	21m	North
	GROCERS-RETAIL	Cut Price Food Market., 27 Lawrence St., Harbord. 2096	39287	1975	Premise Match	21m	North
17	LIBRARIES-LENDING.	Harbord Literary Institute., 31 Lawrence St., Harbord. 2096	47396	1975	Premise Match	25m	North West
	LIBRARIES-LENDING (L450)	Harbord Literary Institute., 31 Lawrence St., Harbord	323180	1970	Premise Match	25m	North West
	Libraries - Lending	Harbord Literary Institute, 31 Lawrence St., Harbord	107701	1965	Premise Match	25m	North West
18	Property Management	Harbord Real Estate, 23 Albert St Harbord 2096	59617	1991	Premise Match	44m	East
	GIFT SHOPS.	Cards & Gifts, Harbord Village, 23 Albert St., Harbord. 2096	38907	1986	Premise Match	44m	East
	STATIONERS - RETAIL.	Cards & Gifts, Harbord Village, 23 Albert St., Harbord. 2096	88369	1986	Premise Match	44m	East
	HABERDASHERY-RETAIL.	Carolyns Crafts, Harbord Village, 23 Albert St., Harbord. 2096	41399	1986	Premise Match	44m	East
	HOBBY &/OR HANDICRAFT SUPPLIES.	Carolyns Crafts, Harbord Village, 23 Albert St., Harbord. 2096	45938	1986	Premise Match	44m	East
	GROCERS-RETAIL.	Flemings, Harbord, Harbord Village, 23 Albert St., Harbord. 2096	40672	1986	Premise Match	44m	East
	CAKE SHOPS &/OR PASTRYCOOKS.	Freshwater Cake Shop, Harbord Village, 23 Albert St., Harbord. 2096	11670	1986	Premise Match	44m	East
	HEALTH FOODS-RETAIL.	Harbord Health Foods, Harbord Village, 23 Albert St., Harbord. 2096	45266	1986	Premise Match	44m	East
	ANIMAL &/OR BIRD DEALERS.	Harbord Pet Shop, 19 Albert St., Harbord. 2096	2962	1986	Premise Match	44m	East
	ANIMAL &/OR BIRD FOOD SUPPLIES.	Harbord Pet Shop, 19 Albert St., Harbord. 2096	3027	1986	Premise Match	44m	East
	PROPERTY MANAGEMENT.	Harbord Real Estate, 23 Albert St., Harbord. 2096	77605	1986	Premise Match	44m	East
	REAL ESTATE AGENTS.	Harbord Real Estate, 23 Albert St., Harbord. 2096	79529	1986	Premise Match	44m	East
	TRAVEL AGENCIES &/OR BOOKING OFFICES.	Harbord Travel, 17 Albert St., Harbord. 2096.	95355	1986	Premise Match	44m	East
	TRAVEL AGENCIES &/OR BOOKING OFFICES.	Harbord Travel, Harbord Village, 23 Albert St., Harbord. 2096.	95356	1986	Premise Match	44m	East
	RESTAURANTS.	Harbord Villager Harbord Village, 23 Albert St., Harbord. 2096	81776	1986	Premise Match	44m	East
	CHEMISTS-PHARMACEUTICAL.	Hurleys Pharmacy, Harbord Village, 23 Albert St., Harbord. 2096	14358	1986	Premise Match	44m	East
	RESTAURANTS.	Italano, Harbord Village, 23 Albert St., Harbord. 2096	81881	1986	Premise Match	44m	East
	CLOTHING-RETAIL-LADIES &/OR GIRLS WEAR.	Maggie Hart, Harbord Village, 23 Albert St., Harbord. 2096	17510	1986	Premise Match	44m	East
	CLOTHING-RETAIL-LADIES &/OR GIRLS WEAR.	Merryl Jones, Harbord Village, 23 Albert St., Harbord. 2096	17563	1986	Premise Match	44m	East
	TAKE-AWAY FOODS.	Milas Kitchen, Harbord Village, 23 Albert St., Harbord. 2096.	91358	1986	Premise Match	44m	East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
18	DENTISTS.	Sergeant, T., Harbord Village, 23 Albert St., Harbord. 2096	23292	1986	Premise Match	44m	East
	HAIRDRESSER LADIES &/OR BEAUTY SALONS	Sheer Magic, 15 Albert St., Harbord. 2096	43120	1986	Premise Match	44m	East
	BUTCHERS-RETAIL.	Village Meats, Harbord Village, 23 Albert St., Harbord.2096	10776	1986	Premise Match	44m	East
	HAIRDRESSER LADIES &/OR BEAUTY SALONS	Village Salon, Harbord Village, 23 Albert St., Harbord. 2096	43405	1986	Premise Match	44m	East
	PRINTERS - LETTERPRESS. (P8420)	Harbord Printing Pty. Ltd., 17A Albert St., Harbord. 2096.	66114	1982	Premise Match	44m	East
	PRINTERS - LITHOGRAPHIC (OFFSET). (P8440)	Harbord Printing Pty. Ltd., 17A Albert St., Harbord. 2096.	66528	1982	Premise Match	44m	East
	PROPERTY MANAGEMENT. (P9060)	Harbord Real Estate, 23 Albert St., Harbord. 2096.	67330	1982	Premise Match	44m	East
	REAL ESTATE AGENTS. (R2555)	Harbord Real Estate, 23 Albert St., Harbord. 2096.	69041	1982	Premise Match	44m	East
	HARDWARE MERCHANTS - RETAIL (H2050)	Harder's Hardware, 25A Albert St., Harbord. 2096.	39127	1982	Premise Match	44m	East
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS. (B2000)	Sheer Magic, 15 Albert St., Harbord. 2096.	6510	1982	Premise Match	44m	East
	MERCERS-MENS &/OR BOYS OUTFITTERS.	Harbord Mens Wear, 17 Albert St., Harbord. 2096	44943	1978	Premise Match	44m	East
	DUPLICATING &/OR TYPING SPECIALISTS.	Harbord Printing Pty. Ltd., 17 Albert St., Harbord. 2096	21086	1978	Premise Match	44m	East
	PRINTERS-LETTERPRESS.	Harbord Printing Pty. Ltd., 17 Albert St., Harbord. 2096	59045	1978	Premise Match	44m	East
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Janis Salon, 15 Albert St., Harbord. 2096	5133	1978	Premise Match	44m	East
	REAL ESTATE AGENTS &/OR VALUERS.	Rose, S. & Associates, 23 Albert St, Harbord. 2096	62199	1978	Premise Match	44m	East
	PROPERTY MANAGEMENT.	Rose. S. & Associates, 23 Albert St., Harbord. 2096	60347	1978	Premise Match	44m	East
	MERCERS-MENS &/OR BOYS OUTFITTERS.	Harbord Mens Wear., 17 Albert St., Harbord. 2096	52168	1975	Premise Match	44m	East
	DUPLICATING &/OR TYPING SPECIALISTS.	Harbord Printing Pty. Ltd., 17 Albert St., Harbord. 2096	24546	1975	Premise Match	44m	East
	PRINTERS-LETTERPRESS.	Harbord Printing Pty. Ltd., 17 Albert St., Harbord. 2096	69463	1975	Premise Match	44m	East
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Janis Beauty Salon, 15 Albert St., Harbord. 2096	5424	1975	Premise Match	44m	East
	PROPERTY MANAGEMENT.	Rose, S. & Associates., 23 Albert St., Harbord. 2096	70793	1975	Premise Match	44m	East
	REAL ESTATE AGENTS &/OR VALUERS.	Rose, S. & Associates., 23 Albert St., Harbord. 2096	72909	1975	Premise Match	44m	East
	DRESS SHOPS & ACCESSORIES.	Seventies, The, 19 Albert St., Harbord. 2096	23617	1975	Premise Match	44m	East
	HAIRDRESSERS-GENTS.	Slaughter, H. E., 15a Albert St., Harbord. 2096	40895	1975	Premise Match	44m	East
	REAL ESTATE AGENTS/VALUERS(R205)	Rose, S. & Associates, 23 Albert St., HARBORD	355971	1970	Premise Match	44m	East
19	FRUITERERS &/OR GREENGROCERS.	Growers Market, The, 22 Albert St., Harbord. 2096	36033	1986	Premise Match	51m	North East
	CAKE SHOPS &/OR PASTRYCOOKS.	Fielders Bakery Shop, 22 Albert St., Harbord. 2096	10798	1978	Premise Match	51m	North East
	BAKERS-BREAD.	Fielders Bakery Shop. 22 Albert St., Harbord. 2096	4227	1978	Premise Match	51m	North East
	BAKERS-BREAD (B060)	Myers & Son Pty. Ltd., 22 Albert St., Harbord	264572	1970	Premise Match	51m	North East
	Cake Shops & Pastrycooks	Myers & Son., 22 Albert St., Harbord	61437	1965	Premise Match	51m	North East
	BAKERS - BREAD	Myers, Harbord Bakery., 22 Albert St., Harbord	49245	1965	Premise Match	51m	North East
	CAKE SHOPS & PASTRYCOOKS	Myers & Son, 22 Albert St., Harbord	283191	1961	Premise Match	51m	North East
	CAKE SHOPS & PASTRYCOOKS	Myers Cake Shop, 22 Albert St., Harbord	283192	1961	Premise Match	51m	North East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
19	BAKERS-BREAD	Myers, Harbord Bakery, 22 Albert St., Harbord	271034	1961	Premise Match	51m	North East
20	SECURITY SERVICES (S180)	Warringah Investigation & Security Service, 9 Undercliff Rd., Harbord	360308	1970	Premise Match	51m	South
	Patrolmen/Watchmen	Warringah investigation & Security Service, 9 Undercliffe Rd, Harbord	131840	1965	Premise Match	51m	South
	Inquiry Agents	Warringah Investigation & Security Service, 9 Undercliffe Rd., Harbord	103470	1965	Premise Match	51m	South
21	Real Estate Agents	Hooker, L. J. Harbord, Suite 8/1 Moore St., Harbord 2096	60312	1991	Premise Match	55m	East
	HARDWARE MERCHANTS RETAIL.	Harders Hardware, 25 Albert St., Harbord. 2096	44608	1986	Premise Match	55m	East
	BUILDERS SUPPLIERS.	Harders Hardware, 25 Albert St., Harbord.2096	8603	1986	Premise Match	55m	East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	R. C. L. Motors, 25 Albert St., Harbord. 2096.	57428	1982	Premise Match	55m	East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	R. C. L. Motors, 25 Albert St., Harbord. 2096	50707	1978	Premise Match	55m	East
	BUILDERS' SUPPLIERS (B814)	Harders Hardware Store., 25 Albert St., Harbord	271381	1970	Premise Match	55m	East
	GARDEN SUPPLIES-RETAIL (G060)	Harders Hardware Store., 25 Albert St., Harbord	310304	1970	Premise Match	55m	East
	LIME/CEMENT MERCHANTS (L490)	Harders Hardware Store., 25 Albert St., Harbord	323384	1970	Premise Match	55m	East
	PLUMBERS' SUPPLIES (P612)	Harders Hardware Store., 25 Albert St., Harbord	350281	1970	Premise Match	55m	East
	PAINT,VARNISH,OILS/COLOUR MERCHANTS (P074)	Harder's Hardware Store., 25 Albert St., Harbord	346217	1970	Premise Match	55m	East
	HARDWARE DEALERS/IRONMONGERS (H230)	Hardware Store., 25 Albert St., HARBORD	315089	1970	Premise Match	55m	East
22	INTERIOR DECORATORS (I620)	Denehy, J. D., 52 Lawrence St., Harbord	320550	1970	Premise Match	56m	West
	Interior Decorators	Denehy, J. D., 52 Lawrence St., Harbord	105158	1965	Premise Match	56m	West
23	ELECTRICAL CONTRACTORS &/OR ELECTRICIANS	Knibb, C. L., 22 Dowling St., Queenscliff	37664	1950	Premise Match	85m	South West
24	MILK BARS & CONFECTIONERS	Myers, A. E. C. and Sons, 24 Albert St., Harbord	77083	1950	Premise Match	88m	North East
25	Paint, Varnish, Oils/Colour Merchants	Harders Hardware Store, Cnr. Albert & Moore Sts, Harbord	130875	1965	Road Intersection	99m	East
	Garden Supplies - Retail	Harders Hardware Store, Cnr. Albert & Moore Sts., Harbord	94491	1965	Road Intersection	99m	East
	Lime/Cement Merchants	Harders Hardware Store, Cnr. Albert & Moore Sts., Harbord	107922	1965	Road Intersection	99m	East
	Builders' Suppliers	Harders Hardware Store., Cnr. Albert & Moore Sts., Harbord	56146	1965	Road Intersection	99m	East
	Plumbers' Supplies	Harders Hardware Store., Cnr. Albert & Moore Sts., Harbord	134995	1965	Road Intersection	99m	East
	Hardware Dealers &/or Iron Mongers	Hardes Hardware Store, Cnr. Albert & Moore Sts., Harbord	99252	1965	Road Intersection	99m	East
	HARDWARE DEALERS/IRONMONGERS	Harders Hardware Store, Cnr. Albert & Moore St., HARBORD	323283	1961	Road Intersection	99m	East
	BUILDERS' SUPPLIERS	Harders Hardware Store, Cnr. Albert & Moore Sts., Harbord	278221	1961	Road Intersection	99m	East
	GARDEN SUPPLIES-RETAIL	Harders Hardware Store, Cnr. Albert & Moore Sts., Harbord	318511	1961	Road Intersection	99m	East
	LIME/CEMENT MERCHANTS	Harders Hardware Store, Cnr. Albert & Moore Sts., Harbord	331724	1961	Road Intersection	99m	East
	PAINT, VARNISH, OILS/COLOUR MERCHANTS	Harders Hardware Store, Cnr. Albert & Moore Sts., Harbord	355662	1961	Road Intersection	99m	East
	PLUMBERS' SUPPLIES	Harders Hardware Store, Cnr. Albert & Moore Sts., Harbord	360995	1961	Road Intersection	99m	East
26	BUTCHERS-RETAIL (B860)	Brown, WG., 21 Oliver St., Harbord	273264	1970	Premise Match	103m	North

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
26	Butchers - Retail	Brown, W. G, 21 Oliver St., Harbord	57969	1965	Premise Match	103m	North
	BUTCHERS-RETAIL	Brown, W. G., 21 Oliver St., Harbord	279967	1961	Premise Match	103m	North
	BUTCHERS-RETAIL	Brown, W. G., 21 Oliver Rd., Harbord	13194	1950	Premise Match	103m	North
	DELICATESSENS & SMALLGOODS DEALERS	Brown, W. G., 21 Oliver Rd., Harbord	55413	1950	Premise Match	103m	North
27	PRINTERS-GENERAL	Queenscliff Press, 20 Hill St., Harbord	95121	1950	Premise Match	105m	South East
28	Hairdressers (Gent.'s)/Tobacconists	Slaughter, H. B. (Jim), 23 Oliver St., Harbord	98519	1965	Premise Match	108m	North
	HAIRDRESSERS (GENT.'S) /TOBACCONISTS	Fuller, C. J. & L. E., 23 Oliver St., Harbord	322044	1961	Premise Match	108m	North
	HAIRDRESSERS (GENT.'S) &/OR TOBACCONISTS	Keefe, J. J., 23 Oliver St., Harbord	59639	1950	Premise Match	108m	North
29	NEWSAGENTS (N100)	Harder, W., 2 Moore St., Harbord	343569	1970	Premise Match	113m	East
	Newsagents	Harder, W., 2 Moore St., Harbord	128197	1965	Premise Match	113m	East
	NEWSAGENTS	Harder, W., 2 Moore St., Harbord	353196	1961	Premise Match	113m	East
	NEWSAGENTS	Donaldson, R., 2 Moore St., Harbord	87956	1950	Premise Match	113m	East
30	MEDICAL PRACTITIONERS.	Harrison, J., 30 Albert St., Harbord. 2096	55283	1986	Premise Match	123m	North East
	MEDICAL PRACTITIONERS. (M2020)	Patel, V., 30 Albert St., Harbord. 2096.	49736	1982	Premise Match	123m	North East
31	REAL ESTATE AGENTS/VALUERS(R205)	Kenyon, F. R., 13 Hill St., QUEENSCLIFF	355595	1970	Premise Match	123m	South
	Real Estate Agents/Valuers	Kenyon, F. R., 13 Hill St. Queenscliffe	139595	1965	Premise Match	123m	South
32	Builders & Contractors	Loebel, A. E., 27 Undercliff Rd., Harbord	55434	1965	Premise Match	130m	South East
	BUILDERS & CONTRACTORS	Loebel, A. E., 27 Undercliffe Rd., Harbord	276485	1961	Premise Match	130m	South East
33	MIXED BUSINESS	Village Store (The), 60 Lawrence St., Harbord	342648	1961	Road Intersection	139m	West
34	Builders & Contractors	Graham, J. G. E., 21 Hill St., Harbord	55315	1965	Premise Match	142m	South
	BUILDERS & CONTRACTORS-(M.M.B.A.)	Graham, J. G. E 21 Hill St HARBORD	277154	1961	Premise Match	142m	South
35	BUILDERS SUPPLIERS. (B7060)	Harders Hardware, 27 Albert St., Harbord. 2096.	9767	1982	Premise Match	147m	North East
	HARDWARE MERCHANTS - RETAIL (H2050)	Harders Hardware, 27 Albert St., Harbord. 2096.	39128	1982	Premise Match	147m	North East
	HARDWARE DEALERS &/OR IRONMONGERS.	Harders Hardware, 27 Albert St., Harbord. 2096	34910	1978	Premise Match	147m	North East
	BUILDERS SUPPLIERS.	Harders Hardware. 27 Albert St., Harbord. 2096	8238	1978	Premise Match	147m	North East
	BUILDERS SUPPLIERS.	Harders Hardware, 27 Albert St., Harbord. 2096	9258	1975	Premise Match	147m	North East
	HARDWARE DEALERS &/OR IRONMONGERS.	Harders Hardware. 27 Albert St., Harbord. 2096	41259	1975	Premise Match	147m	North East
36	MOTOR GARAGES & SERVICE STATIONS.	Warringah Motors, 76 Lawrence St., Harbord. 2096	65684	1986	Premise Match	148m	West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Warringah Motors, 76 Lawrence St., Harbord 2096.	57816	1982	Premise Match	148m	West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Warringah Motors, 76 Lawrence St., Harbord, 2096	51057	1978	Premise Match	148m	West
	MOTOR GARAGES &/OR ENGINEERS.	Warringah Motors., 76 Lawrence St., Harbord. 2096	59742	1975	Premise Match	148m	West
	RADIO SALES &/OR SERVICEMEN	Ryan, H., 74a Lawrence St., Harbord	97587	1950	Premise Match	148m	West

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## Business Directory Records 1950-1991

### Road or Area Matches

Universal Business Directory records from years 1991, 1986, 1982, 1978, 1975, 1970, 1965, 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
37	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Boomerang Milk Bar, 30 Lawrence St., Harbord. 2096	59077	1986	Road Match	0m
	MEDICAL PRACTITIONERS.	Deithe, N. H., 34 Lawrence St., Harbord. 2096.	54506	1986	Road Match	0m
	DENTISTS.	King W. O., 34 Lawrence St., Harbord. 2096	22842	1986	Road Match	0m
	RADIO &/OR TELEVISION SALES &/OR SERVICEMEN.	Lemon, B., 34 Lawrence St., Harbord. 2096	78776	1986	Road Match	0m
	ELECTRICAL SUPPLIES &/OR APPLIANCES-RETAIL.	Lenon, B., 34 Lawrence St., Harbord. 2096	27475	1986	Road Match	0m
	LAUNDRIES &/OR LAUNDRETTES.	Speedwash Pty. Ltd., 32 Lawrence St., Harbord. 2096	51255	1986	Road Match	0m
	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS, (M3180)	Boomerang Milk Bar, 30 Lawrence St., Harbord. 2096.	52109	1982	Road Match	0m
	DENTISTS. (D1800)	Deithe, N. H., 34 Lawrence St., Harbord. 2096.	20161	1982	Road Match	0m
	CHEMISTS - PHARMACEUTICAL.(C4110)	Hurley, B. M., 34 Lawrence St., Harbord. 2096.	15167	1982	Road Match	0m
	DENTISTS. (D1800)	King. W, O., 34 Lawrence St., Harbord. 2096.	20440	1982	Road Match	0m
	LAUNDRIES &/OR LAUNDRETTES.(L1850)	Speedwash Pty. Ltd., 32 Lawrence St., Harbord. 2096.	44894	1982	Road Match	0m
	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Boomerang Milk Bar. 30 Lawrence St., Harbord. 2096	45851	1978	Road Match	0m
	DENTISTS.	Durham. J. D. & Leonard, G., Lawrence St., Harbord. 2096	18040	1978	Road Match	0m
	LAUNDRIES &/OR LAUNDRETTES.	Speedwash Pty. Ltd., 32 Lawrence St., Harbord. 2096	39843	1978	Road Match	0m
	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Boomerang Milk Bar., 30 Lawrence St., Harbord. 2096	53256	1975	Road Match	0m
	MEDICAL PRACTITIONERS.	Deith, N. H., Lawrence St., Harbord. 2096.	50114	1975	Road Match	0m
	DENTISTS.	Durham, J. O., Lawrence St., Harbord. 2096	20903	1975	Road Match	0m
	SCHOOLS-KINDERGARTEN, DAY NURSERY.	Harbord Kindergarten., Lawrence St., Harbord. 2096	75971	1975	Road Match	0m
	CHEMISTS-PHARMACEUTICAL	Hurley. B. M., Lawrence St., Harbord. 2096	15426	1975	Road Match	0m
	RADIO &/OR TELEVISION SALES &/OR SERVICEMEN.	Lenon, B., Lawrence St., Harbord. 2096	71648	1975	Road Match	0m
	ELECTRICAL REPAIR SERVICES.	Lenon, B., Lawrence St., Harbord. 2096.	26131	1975	Road Match	0m
	DENTISTS.	Shiland, A. W., Lawrence St., Harbord. 2096	21374	1975	Road Match	0m
	LAUNDRIES &/OR LAUNDRETTES.	Westinghouse Laundromat., 32 Lawrence St., Harbord. 2096	47023	1975	Road Match	0m
	MILK, FRUIT JUICE BARS/CONFECTIONERS	Boomerang Milk Bar., 30 Lawrence St., Harbord	330401	1970	Road Match	0m
	GROCERS-RETAIL (G655)	Harrys Foodland., 32 Lawrence St., Harbord	312542	1970	Road Match	0m
	CHEMISTS-PHARMACEUTICAL	Hurley, B., Lawrence St., Harbord	280556	1970	Road Match	0m
	Grocers - Retail	Harbord Thriftway Self-Service Store., 32 Lawrence St., Harbord	96601	1965	Road Match	0m
	CHEMISTS-PHARMACEUTICAL	Bradley, B. M., 36 Lawrence St., Harbord	287367	1961	Road Match	0m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
37	MEDICAL PRACTITIONERS	Delthe, N. H. R., 38-40 Lawrence St., Harbord	334966	1961	Road Match	0m
	DENTISTS	Lindsay, R. I., 38-40 Lawrence St., Harbord	296129	1961	Road Match	0m
	REAL ESTATE AGENTS	Leonard, Stanley and Co., Lawrence St., Harbord	98485	1950	Road Match	0m
	REAL ESTATE AGENTS	Stanley, Leonard and Co., Lawrence St., Harbord	98829	1950	Road Match	0m
	SEWING MACHINE REPAIRERS	Ware, J., Lawrence St., Harbord	101515	1950	Road Match	0m
38	RADIO &/OR TELEVISION SALES&/OR SERVICEMEN. (R1260)	Lenon, B. Radio & T.V., 42 Dowling St., Harbord. 2096.	68309	1982	Road Match	0m
	ELECTRICAL APPLIANCES - REPAIRS &/OR SERVICE AGENTS.(E3210)	Lenon. B. Radio & T.V., 42 Dowling St., Harbord. 2096.	25362	1982	Road Match	0m
39	REAL ESTATE AGENTS.	Stewart Upton Harbord, Shop 11 Harbord Shopping Village, Albert St., Harbord. 2096	80220	1986	Road Match	24m
	CAKE SHOPS &/OR PASTRYCOOKS.	Fielders Bakery Shop, Albert St., Harbord. 2096	12544	1975	Road Match	24m
	BAKERS-BREAD.	Fielders Bakery Shop. Albert St., Harbord. 2096	4084	1975	Road Match	24m
	MOTOR GARAGES &/OR ENGINEERS.	R. C. L. Motors., 25 Albert St., Harbord. 2096	59433	1975	Road Match	24m
	BOOT & SHOE REPAIRERS	George's Shoe Repairs, 1-9 Albert St., Harbord	53297	1965	Road Match	24m
	Drapers - Retail	Wells, Miss F., 9 Albert St., Harbord	75348	1965	Road Match	24m
	BEAUTY SALONS & LADIES' HAIRDRESSERS	"Janis" Salon, 1-9 Albert St., Harbord	272163	1961	Road Match	24m
	PLUMBERS, GASFITTERS/DRAINLAYERS	Harder's Hardware Store, Albert St. Harbord	360499	1961	Road Match	24m
	DRAPERS-RETAIL	Wells, Miss F., 1-9 Albert St., Harbord	298199	1961	Road Match	24m
	PRINTERS' FURNISHERS	Burke and Brown, Albert St., Harbord	94591	1950	Road Match	24m
	SPORTS GOODS RETAILERS	Davis, W. E., Albert St., Harbord	104420	1950	Road Match	24m
	PHOTOGRAPHERS-PORTRAIT	Durham, E. O., 9 Albert St, Harbord	91826	1950	Road Match	24m
	KITCHEN UNIT & CABINET MANUFACTURERS	Gannon, M. V., Albert St., Harbord	66895	1950	Road Match	24m
	SHOP & OFFICE FITTERS	Gannon, M. V., Albert St., Harbord	102289	1950	Road Match	24m
	HARDWARE DEALERS &/OR IRONMONGERS	Gift Corner (The), 9a Albert St., Harbord	61050	1950	Road Match	24m
	MILK BARS & CONFECTIONERS	Griffin, N. C., Albert St., Harbord	76741	1950	Road Match	24m
	MIXED BUSINESSES & GENERAL STORES	Griffin, N. C., Albert St., Harbord	80069	1950	Road Match	24m
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	Janice Beauty Salon, 10 Albert St., Harbord	7298	1950	Road Match	24m
	BAKERS-BREAD	Myers, A. E. C. and Son, Albert St., Harbord	5392	1950	Road Match	24m
	CAKE SHOPS & PASTRYCOOKS	Myers, A. E. C. and Son, Albert St., Harbord	17023	1950	Road Match	24m
40	Motor Driving Schools	Kendall's Manly Motor School., 3 Bridge Rd., Queenscliff	121574	1965	Road Match	30m
41	Medical Practitioners	Coyle E. F., Oliver St., Harbord	111123	1965	Road Match	32m
	Dentists	Lindsay, R. I., Oliver Rd., Harbord	73514	1965	Road Match	32m
	Schools/Colleges - Private/Public	St. John's Baptist Convent School., Oliver Rd., Harbord	142928	1965	Road Match	32m
	MEDICAL PRACTITIONERS	Coyle, E. F., Oliver St., Harbord	334872	1961	Road Match	32m
42	CAFES, COFFEE LOUNGES, Etc. (C030)	Freshwater Inn., Moore St., Harbord	275623	1970	Road Match	96m
	Milk, Fruit Juice Bars/Confectioners	Freser's Milk Bar, 39 Moore St., Harbord	115063	1965	Road Match	96m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
42	Milk, Fruit Juice Bars/Confectioners	Harbord Beach Shop (& Sandwiches), 39 Moore St., Harbord	115116	1965	Road Match	96m
	Mixed Businesses	Harbord Mixed & Delicatessen, 166 Moore St., Harbord	117471	1965	Road Match	96m
	MILK, FRUIT JUICE BARS/CONFECTIONERS	Bower, Beth., 68 Moore St., Harbord	338893	1961	Road Match	96m
	MILK, FRUIT JUICE BARS/CONFECTIONERS	Fraser's Milk Bar, 39 Moore St., Harbord	339079	1961	Road Match	96m
	MILK, FRUIT JUICE BARS/CONFECTIONERS	Fraser's Milk Bar, 39 Moore St., Harbord	339083	1961	Road Match	96m
	MILK, FRUIT JUICE BARS/CONFECTIONERS	Freshwater Inn, at Beach, Moore St., Harbord	339084	1961	Road Match	96m
	GROCERS-RETAIL	Dann, A. H., 68 Moore St., Harbord	56999	1950	Road Match	96m
	MILK BARS & CONFECTIONERS	Dannys, 68 Moore St., Harbord	76593	1950	Road Match	96m
	FISH MERCHANTS-RETAIL	Harbord Fish and Chip Shop, 43 Moore St., Harbord	44362	1950	Road Match	96m
	FISH MERCHANTS-RETAIL	Herrin, R., 45 Moore St, Harbord	44373	1950	Road Match	96m
	CAFES, TEA ROOMS, COFFEE LOUNGES, Etc.	Rankin, Mrs. N. M., Moore St., Harbord	15929	1950	Road Match	96m
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	Ruths Beauty Salon (Miss R. Lewis, Proprietor), 64 Moore St., Harbord	7761	1950	Road Match	96m
	MILK BARS & CONFECTIONERS	Taylor, Mrs R. L., 47 Moore St., Harbord	77445	1950	Road Match	96m
	GROCERS-RETAIL	Taylor, Mrs. R. L., 47 Moore St., Harbord	55843	1950	Road Match	96m
43	MOTOR SERVICE STATIONS-PETROL,OIL,Etc.	Warringah Motor., Cavill St., HARBORD	341606	1970	Road Match	128m
	Motor Garages & Engineers	Cunningham, F. L., Cavill St. Harbord	122760	1965	Road Match	128m
	Motor Service Stations - Petrol, Oil, Etc. - Harbord	Warringah Motor., Cavill St., Harbord	125763	1965	Road Match	128m
	MOTOR GARAGES & ENGINEERS	Cunningham, F. L., Cavill St. HARBORD	346998	1961	Road Match	128m
	MOTOR PAINTERS	Cunningham, F. L., Cavill St., Harbord	348772	1961	Road Match	128m
	MOTOR GARAGES & ENGINEERS	Warringah Motor Repairs, Cavill St., HARBORD	348398	1961	Road Match	128m
	MOTOR GARAGES &/OR ENGINEERS	Cunningham, F. L., Cavill St., Harbord	83653	1950	Road Match	128m
	MOTOR PAINTERS	Cunningham, F. L., Cavill St., Harbord	84780	1950	Road Match	128m
	MOTOR PANEL BEATERS	Cunningham, F. L., Cavill St., Harbord	85242	1950	Road Match	128m
	WELDERS-ELECTRIC &/OR OXY	Cunningham, F. L., Cavill St., Harbord	112737	1950	Road Match	128m

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# Dry Cleaners, Motor Garages & Service Stations

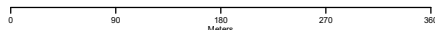
10-28 Lawrence Street, Freshwater, NSW 2096



## 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: 17 November 2022

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

# Historical Business Directories

10-28 Lawrence Street, Freshwater, NSW 2096

## Dry Cleaners, Motor Garages & Service Stations 1948-1993 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.

Note: The Universal Business Directories were published between 1948 and 1993. Dry Cleaners, Motor Garages & Service Stations have been extracted from all of these directories except the following years 1951, 1955, 1957, 1960, 1963, 1973, 1974, 1977, 1987.

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
1	DRY CLEANERS & PRESSERS.	Harbord Dry Cleaners, 22 Lawrence St., Harbord. 2096	53106	1988	Premise Match	0m	On-site
	DRY CLEANERS & PRESSERS.	Harbord Fabric Care, 22 Lawrence St., Harbord. 2096	25331	1986	Premise Match	0m	On-site
	DRY CLEANERS & PRESSERS.	Harbord Fabric Care., 22 Lawrence St., Harbord. 2096	34548	1985	Premise Match	0m	On-site
	DRY CLEANERS & PRESSERS.	Harbord Fabric Care., 22 Lawrence St., Harbord. 2096	21997	1984	Premise Match	0m	On-site
	DRY CLEANERS & PRESSERS.	Harbord Fabric Care., 22 Lawrence St., Harbord 2096	8588	1983	Premise Match	0m	On-site
	DRY CLEANERS & PRESSERS.(D8500)	Harbord Fabric Care, 22 Lawrence St., Harbord. 2096.	23865	1982	Premise Match	0m	On-site
	DRY CLEANERS & PRESSERS.	Harbord Fabric Care., 22 Lawrence St., Harbord. 2096	63350	1981	Premise Match	0m	On-site
	DRY CLEANERS, PRESSERS &/OR DYERS.	Harbord Fabric Care., 22 Lawrence St., Harbord. 2096	46779	1980	Premise Match	0m	On-site
	DRY CLEANERS, PRESSERS &/OR DYERS.	Harbord Fabric Care., 22 Lawrence St., Harbord. 2096.	35377	1979	Premise Match	0m	On-site
	DRY CLEANERS, PRESSERS &/OR DYERS	Harbord Fabric Care, 22 Lawrence St., Harbord. 2096	20801	1978	Premise Match	0m	On-site
	DRY CLEANERS, PRESSERS &/OR DYERS.	Harbord Fabric Care., 22 Lawrence St., Harbord 2096	23547	1976	Premise Match	0m	On-site
	DRY CLEANERS, PRESSERS &/OR DYERS.	Harbord Fabric Care, 22 Lawrence St., Harbord. 2096	24072	1975	Premise Match	0m	On-site
2	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	R. C. L. Motors, 25 Albert St., Harbord. 2096	33987	1984	Premise Match	55m	East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	R. C. L. Motors., 25 Albert St., Harbord 2096	21440	1983	Premise Match	55m	East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	R. C. L. Motors, 25 Albert St., Harbord. 2096.	57428	1982	Premise Match	55m	East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	R C L Motors., 25 Albert St., Harbord. 2096	3973	1981	Premise Match	55m	East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	R. C. L. Motors., 25 Albert St., Harbord. 2096	58708	1980	Premise Match	55m	East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
2	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	R. C. L. Motors., 25 Albert St., Harbord. 2096.	46205	1979	Premise Match	55m	East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	R. C. L. Motors, 25 Albert St., Harbord. 2096	50707	1978	Premise Match	55m	East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	R. C. L. Motors., 25 Albert St., Harbord 2096	34776	1976	Premise Match	55m	East
3	MOTOR GARAGE & SERVICE STATIONS.	Warringah Motors, 76 Lawrence St., Harbord. 2096	5712	1989	Premise Match	148m	West
	MOTOR GARAGES & SERVICE STATIONS.	Warringah Motors, 76 Lawrence St., Harbord. 2096	64189	1988	Premise Match	148m	West
	MOTOR GARAGES & SERVICE STATIONS.	Warringah Motors, 76 Lawrence St., Harbord. 2096	65684	1986	Premise Match	148m	West
	MOTOR GARAGES & SERVICE STATIONS.	Waningah Motors, 76 Lawrence St., Harbord. 2096	45808	1985	Premise Match	148m	West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Warringah Motors, 76 Lawrence St., Harbord. 2096	34367	1984	Premise Match	148m	West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Warringah Motors., 76 Lawrence St., Harbord 2096	21813	1983	Premise Match	148m	West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Warringah Motors, 76 Lawrence St., Harbord 2096.	57816	1982	Premise Match	148m	West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Warringah Motors., 76 Lawrence St., Harbord 2096	8389	1981	Premise Match	148m	West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Warringah Motors., 76 Lawrence St., Harbord. 2096	59075	1980	Premise Match	148m	West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Warringah Motors., 76 Lawrence St., Harbord. 2096.	46573	1979	Premise Match	148m	West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Warringah Motors, 76 Lawrence St., Harbord, 2096	51057	1978	Premise Match	148m	West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Warringah Motors., 76 Lawrence St., Harbord 2096	35161	1976	Premise Match	148m	West
	MOTOR GARAGES &/OR ENGINEERS.	Warringah Motors., 76 Lawrence St., Harbord. 2096	59742	1975	Premise Match	148m	West
4	MOTOR GARAGES &/OR ENGINEERS.	Total (Harbord) Service Station., 14 Moore St Harbord	12307	1972	Premise Match	196m	East
	MOTOR GARAGES &/OR ENGINEERS.	Total (Harbord) Service Station., 14 Moore St Harbord	56919	1971	Premise Match	196m	East
5	MOTOR GARAGES & SERVICE STATIONS.	Harbord Service Station, 46 Albert St., Harbord. 2096	19009	1993	Premise Match	252m	North East
	Motor Garages & Service Stations	Harbord Service Station, 46 Albert St., Harbord 2096	97227	1991	Premise Match	252m	North East
	MOTOR GARAGES & SERVICE STATIONS.	Harbord Service Station, 46 Albert St., Harbord. 2096	11684	1990	Premise Match	252m	North East
	MOTOR GARAGE & SERVICE STATIONS.	Harbord Service Station, 46 Albert St., Harbord. 2096	65169	1989	Premise Match	252m	North East
	MOTOR GARAGES & SERVICE STATIONS.	Harbord Service Station, 46 Albert St., Harbord. 2096	59410	1988	Premise Match	252m	North East
	MOTOR GARAGES & SERVICE STATIONS.	Harbord Service Station, 46 Albert St., Harbord. 2096	64846	1986	Premise Match	252m	North East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
5	MOTOR GARAGES & SERVICE STATIONS.	Harbord Service Station, 46 Albert St., Harbord. 2096	44948	1985	Premise Match	252m	North East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Harbord Service Station, 46 Albert St., Harbord. 2096	28447	1984	Premise Match	252m	North East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Harbord Service Station., 46 Albert St., Harbord. 2096	14875	1983	Premise Match	252m	North East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Harbord Service Station, 46 Albert St., Harbord. 2096.	56940	1982	Premise Match	252m	North East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Harbord Service Station., 46 Albert St., Harbord 2096	3494	1981	Premise Match	252m	North East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Harbord Service Station., 46 Albert St., Harbord. 2096	58227	1980	Premise Match	252m	North East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Harbord Service Station., 46 Albert St., Harbord. 2096.	41689	1979	Premise Match	252m	North East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Harbord Service Station, 46 Albert St., Harbord. 2096	50227	1978	Premise Match	252m	North East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Harbord Service Station., 46 Albert St., Harbord 2096	30226	1976	Premise Match	252m	North East
	MOTOR GARAGES &/OR ENGINEERS.	Harbord Service Station., 46 Albert St., Harbord. 2096	59025	1975	Premise Match	252m	North East
	MOTOR GARAGES &/OR ENGINEERS.	Harbord Service Station., 46 Albert St Harbord	12305	1972	Premise Match	252m	North East
	MOTOR GARAGES &/OR ENGINEERS.	Harbord Service Station., 46 Albert St Harbord	56917	1971	Premise Match	252m	North East
	MOTOR GARAGES & ENGINEERS(M6S6)	Harbord Service Station., 46 Abbott St., HARBORD	337976	1970	Premise Match	252m	North East
	MOTOR GARAGES & ENGINEERS.	Harbord Service Station., 46 Albert St Harbord	42337	1969	Premise Match	252m	North East
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Melvin J. & T., 46 Albert St Harbord	47881	1969	Premise Match	252m	North East
	MOTOR GARAGES & ENGINEERS	Harbord Service Station., 46 Albert St Harbord	25853	1968	Premise Match	252m	North East
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Melvin, J. & T., 46 Albert St Harbord	31308	1968	Premise Match	252m	North East
	MOTOR GARAGES & ENGINEERS.	Harbord Service Station., 46 Albert St Harbord	10355	1967	Premise Match	252m	North East
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Melvin, J. & T., 46 Albert St., Harbord	15785	1967	Premise Match	252m	North East
	MOTOR GARAGES & ENGINEERS.	Harbord Service Station., 46 Albert St., Harbord	60103	1966	Premise Match	252m	North East
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Melvin J. & T., 46 Albert St Harbord	1360	1966	Premise Match	252m	North East
	Motor Garages & Engineers	Harbord Service Station, 46 Albert St. Harbord	122764	1965	Premise Match	252m	North East
	MOTOR GARAGES & ENGINEERS	Harbord Service Station., 46 Albert St Harbord	48033	1964	Premise Match	252m	North East
	MOTOR GARAGES & ENGINEERS.	Harbord Service Station., 46 Albert St Harbord	29577	1962	Premise Match	252m	North East
	MOTOR GARAGES & ENGINEERS	Harbord Service Station, 46 Albert St., HARBORD	347318	1961	Premise Match	252m	North East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
5	MOTOR GARAGES & ENGINEERS.	Harbord Service Station., Cnr Albert St & Solders Ave Harbord	19268	1959	Premise Match	252m	North East
	MOTOR GARAGE/ENGINEERS.	Harbord Service Station., 46 Albert St Harbord	4234	1958	Premise Match	252m	North East
	MOTOR GARAGES &/OR ENGINEERS.	Harbord Service Station., 46 Albert St Harbord	57760	1956	Premise Match	252m	North East
	MOTOR GARAGES &/OR ENGINEERS.	Harbord Service Station., Cnr Albert St & Soldiers Ave., Harbord	49366	1954	Premise Match	252m	North East
	MOTOR GARAGES &/OR ENGINEERS.	Harbord Service Station., Cnr Albert St & Soldiers Ave., Harbord	40091	1953	Premise Match	252m	North East
	MOTOR GARAGES &/OR ENGINEERS.	Gadd T. L., Cnr Albert St And Soldiers Ave Harbord	31666	1952	Premise Match	252m	North East
	MOTOR GARAGES &/OR ENGINEERS	Gadd, T. L., Cnr, Albert St. and Soldiers Ave., Harbord	83782	1950	Premise Match	252m	North East
	MOTOR SERVICE STATIONS-PETROL, Etc.	Gadd, T. L., Cnr. Albert St. and Soldiers Ave., Harbord	85980	1950	Premise Match	252m	North East
	MOTOR SERVICE STATIONS-PETROL, Etc.	Harbord Service Station, Cnr. Albert St. and Soldiers Ave., Harbord	86037	1950	Premise Match	252m	North East
	MOTOR GARAGES &/OR ENGINEERS.	Gadd T. L., Cnr Albert St And Soldiers Ave Harbord	22361	1948-49	Premise Match	252m	North East
	MOTOR SERVICE STATIONS-PETROL, ETC.	Gadd T. L., Cnr Albert St And Soldiers Ave Harbord	23272	1948-49	Premise Match	252m	North East
6	MOTOR GARAGES & SERVICE STATIONS.	Shell Harbord, 79 Harbord Rd, Harbord. 2096	65423	1986	Premise Match	450m	North West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	D.K.J. Motors, 77 Harbord Rd., Harbord 2096	49877	1978	Premise Match	450m	North West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	D K.J Motors., 77 Harbord Rd., Harbord. 2096	29815	1976	Premise Match	450m	North West
	MOTOR GARAGES &/OR ENGINEERS.	D.K.J. Motors., 77 Harbord Rd., Harbord 2096	58739	1975	Premise Match	450m	North West
	MOTOR GARAGES &/OR ENGINEERS.	Grant & Callan., 77 Harbord Rd Harbord	12303	1972	Premise Match	450m	North West
	MOTOR GARAGES &/OR ENGINEERS.	Grant & Callan., 77 Harbord Rd Harbord	56915	1971	Premise Match	450m	North West
	MOTOR GARAGES & ENGINEERS(M6S6)	Grant & Callan., 77 Harbord Rd., Harbord	337928	1970	Premise Match	450m	North West
	MOTOR GARAGES & ENGINEERS.	Grant & Callan., 77 Harbord Rd Harbord	42335	1969	Premise Match	450m	North West
	MOTOR GARAGES & ENGINEERS	Grant & Callan., 77 Harbord Rd Harbord	25851	1968	Premise Match	450m	North West
	MOTOR GARAGES & ENGINEERS.	Grant & Callan., 77 Harbord Rd Harbord	10354	1967	Premise Match	450m	North West
	MOTOR GARAGES & ENGINEERS.	Grant & Callan., 77 Harbord Rd., Harbord	60102	1966	Premise Match	450m	North West
	Motor Garages & Engineers	Grant & Callan, 77 Harbord Rd. Harbord	122763	1965	Premise Match	450m	North West
	MOTOR GARAGES & ENGINEERS	Grant & Callan., 77 Harbord Rd Harbord	48032	1964	Premise Match	450m	North West
	MOTOR GARAGES & ENGINEERS.	Grant & Callan., 77 Harbord Rd Harbord	29576	1962	Premise Match	450m	North West
	MOTOR GARAGES & ENGINEERS	Grant & Callan, 77 Harbord Rd. Harbord	347269	1961	Premise Match	450m	North West
	MOTOR GARAGES & ENGINEERS.	Grant & Callan., 77 Harbord Rd Harbord	19267	1959	Premise Match	450m	North West
	MOTOR GARAGE/ENGINEERS.	Grant & Callan., 77 Harbord Rd Harbord	4200	1958	Premise Match	450m	North West
	MOTOR GARAGES &/OR ENGINEERS.	Grant & Callan., Cnr Harbord Rd & Soldiers Ave Harbord	57732	1956	Premise Match	450m	North West
7	MOTOR GARAGES &/OR ENGINEERS.	Freshwater Garage., Cnr Oliver St & Wyndora Ave Harbord	56914	1971	Road Intersection	460m	North

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
7	MOTOR GARAGES & ENGINEERS(M6S6)	Freshwater Garage., Cnr. Oliver St & Wyndora Ave., HARBORD	337831	1970	Road Intersection	460m	North
	MOTOR GARAGES & ENGINEERS.	Freshwater Garage., Cnr Oliver St & Wyndora Ave Harbord	42334	1969	Road Intersection	460m	North
	MOTOR GARAGES & ENGINEERS	Freshwater Garage., Cnr Oliver St & Wyndora Ave Harbord	25850	1968	Road Intersection	460m	North
	MOTOR GARAGES & ENGINEERS.	Freshwater Garage., Cnr Oliver St & Wyndora Ave Harbord	10353	1967	Road Intersection	460m	North
	MOTOR GARAGES & ENGINEERS.	Freshwater Garage., Cnr. Oliver St & Wyndora Ave Harbord	60101	1966	Road Intersection	460m	North
	Motor Garages & Engineers	Freshwater Garage, Cnr. Oliver St. & Wyndora Ave. Harbord	122762	1965	Road Intersection	460m	North
	MOTOR GARAGES & ENGINEERS	Freshwater Garage., Cnr Oliver St & Wyndora Ave Harbord	48031	1964	Road Intersection	460m	North
	MOTOR GARAGES & ENGINEERS.	Freshwater Garage., Cnr Oliver St & Wyndora Ave Harbord	29575	1962	Road Intersection	460m	North
	MOTOR GARAGES & ENGINEERS	Freshwater Garage, Cnr. Oliver St. & Wyndora Ave. HARBORD	347175	1961	Road Intersection	460m	North
	MOTOR GARAGES & ENGINEERS.	Freshwater Service Station., Cnr Oliver St & Wyndora Ave Harbord	19266	1959	Road Intersection	460m	North
	MOTOR SERVICE STATIONS-PETROL, ETC.	Freshwater Service Station., Cnr Oliver St & Wyndor Ave Harbord	9529	1958	Road Intersection	460m	North
	MOTOR SERVICE STATIONS-PETROL, ETC.	Freshwater Service Station., Cnr Oliver St & Wyndor Ave Harbord	61905	1956	Road Intersection	460m	North
	MOTOR SERVICE STATIONS-PETROL, ETC.	Freshwater Service Station., Cnr Oliver St & Wyndor Ave Harbord	54471	1954	Road Intersection	460m	North
8	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	BP Freshwater Service Station, 63 Oliver St., Harbord. 2096	49547	1978	Premise Match	465m	North
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	BP Freshwater Service Station., 63 Oliver St., Harbord 2096	25262	1976	Premise Match	465m	North
	MOTOR GARAGES &/OR ENGINEERS.	BP Freshwater Service Station., 63 Oliver St., Harbord. 2096	58532	1975	Premise Match	465m	North
	MOTOR GARAGES &/OR ENGINEERS.	Freshwater Garage., 63 Oliver St., Harbord 2096	12302	1972	Premise Match	465m	North
9	MOTOR GARAGE & SERVICE STATIONS.	Harbord Motors & Accessories Pty. Ltd., 378 Pittwater Rd., North Manly. 2100	65168	1989	Premise Match	499m	South West
	MOTOR GARAGES & SERVICE STATIONS.	Harbord Motors & Accessories Pty. Ltd., 378 Pittwater Rd., North Manly. 2100	59409	1988	Premise Match	499m	South West
	MOTOR GARAGES & SERVICE STATIONS.	Harbord Motors & Accessories Pty. Ltd., 378 Pittwater Rd., North Manly. 2100	64845	1986	Premise Match	499m	South West
	MOTOR GARAGES & SERVICE STATIONS.	Harbord Motors & Accessories Pty. Ltd., 378 Pittwater Rd., North Manly. 2100	44947	1985	Premise Match	499m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Harbord Motors & Accessories Pty. Ltd., 378 Pittwater Rd., North Manly. 2100	28446	1984	Premise Match	499m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Harbord Motors & Accessories Pty. Ltd., 378 Pittwater Rd., North Manly. 2100	14874	1983	Premise Match	499m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Harbord Motors & Accessories Pty. Ltd., 378 Pittwater Rd., North Manly. 2100.	56939	1982	Premise Match	499m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Harbord Motors & Accessories Pty. Ltd., 378 Pittwater Rd., North Manly 2100	3493	1981	Premise Match	499m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Harbord Motors & Accessories Pty. Ltd., 378 Pittwater Rd., North Manly. 2100	58226	1980	Premise Match	499m	South West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
9	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Harbord Motors & Accessories Pty. Ltd., 378 Pittwater Rd., North Manly. 2100.	41688	1979	Premise Match	499m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Harbord Motors & Accessories Pty. Ltd., 378 Pittwater Rd., North Manly. 2100	50226	1978	Premise Match	499m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Harbord Motors & Accessories Pty. Ltd., 378 Pittwater Rd., North Manly. 2100	59024	1975	Premise Match	499m	South West

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## Dry Cleaners, Motor Garages & Service Stations 1948-1993

### 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.

Note: The Universal Business Directories were published between 1948 and 1993. Dry Cleaners, Motor Garages & Service Stations have been extracted from all of these directories except the following years 1951, 1955, 1957, 1960, 1963, 1973, 1974, 1977, 1987.

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
10	MOTOR GARAGES &/OR ENGINEERS.	R. C. L. Motors., 25 Albert St., Harbord. 2096	59433	1975	Road Match	24m
	MOTOR GARAGES &/OR ENGINEERS.	Blakey J. & J., Albert St Harbord	12300	1972	Road Match	24m
	MOTOR GARAGES &/OR ENGINEERS.	Blakey J. & J., Albert St Harbord	56912	1971	Road Match	24m
11	MOTOR GARAGES &/OR ENGINEERS.	Warringah Motors., Cavill St. Harbord 2096	12308	1972	Road Match	128m
	MOTOR GARAGES &/OR ENGINEERS.	Warringah Motors., Cavill St. Harbord 2096	56920	1971	Road Match	128m
	MOTOR SERVICE STATIONS-PETROL,OIL,Etc.	Warringah Motor., Cavill St., HARBORD	341606	1970	Road Match	128m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Warringah Motor., Cavill St Harbord	47882	1969	Road Match	128m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Warringah Motor., Cavill St., Harbord	65199	1968	Road Match	128m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Warringah Motor, Cavill St., Harbord	65488	1967	Road Match	128m
	MOTOR GARAGES & ENGINEERS.	Cunningham F. L., Cavill St Harbord	60099	1966	Road Match	128m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Warringah Motor., Cavill St Harbord	1361	1966	Road Match	128m
	Motor Garages & Engineers	Cunningham, F. L., Cavill St. Harbord	122760	1965	Road Match	128m
	Motor Service Stations - Petrol, Oil, Etc. - Harbord	Warringah Motor., Cavill St., Harbord	125763	1965	Road Match	128m
	MOTOR GARAGES & ENGINEERS	Cunningham F. L., Cavill St Harbord	48029	1964	Road Match	128m
	MOTOR GARAGES & ENGINEERS	Warringah Motor Repairs., Cavill St., Harbord	48035	1964	Road Match	128m
	MOTOR GARAGES & ENGINEERS.	Cunningham F. L., Cavill St Harbord	29573	1962	Road Match	128m
	MOTOR GARAGES & ENGINEERS.	Warringah Motor Repairs., Cavill St Harbord	29579	1962	Road Match	128m
	MOTOR GARAGES & ENGINEERS	Cunningham, F. L., Cavill St. HARBORD	346998	1961	Road Match	128m
	MOTOR GARAGES & ENGINEERS	Warringah Motor Repairs, Cavill St., HARBORD	348398	1961	Road Match	128m
	MOTOR GARAGES & ENGINEERS.	Cunningham., F L Cavill St Harbord	14223	1959	Road Match	128m
	MOTOR GARAGES & ENGINEERS.	Warringah Motor Repairs., Cavill St Harbord	19272	1959	Road Match	128m
	MOTOR SERVICE STATIONS-PETROL., OIL, ETC.	Warringah Motors., Cavill St Harbord	24231	1959	Road Match	128m
	MOTOR GARAGE/ENGINEERS.	Cunningham F. L., Cavill St., Harbord	923	1958	Road Match	128m
	MOTOR GARAGE/ENGINEERS.	Warringah Motor Repairs., Cavill St., Harbord	9248	1958	Road Match	128m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
11	MOTOR GARAGES &/OR ENGINEERS.	Cunningham F. L., Cavill St., Harbord	57519	1956	Road Match	128m
	MOTOR GARAGES &/OR ENGINEERS.	Warringah Motor Repairs., Cavill St Harbord	61659	1956	Road Match	128m
	MOTOR GARAGES &/OR ENGINEERS.	Cunningham F. L., Cavill St Harbord	49138	1954	Road Match	128m
	MOTOR GARAGES &/OR ENGINEERS.	Warringah Motor Repairs., Cavill St Harbord	54285	1954	Road Match	128m
	MOTOR GARAGES &/OR ENGINEERS.	Cunningham F. L., Cavill St Harbord	39889	1953	Road Match	128m
	MOTOR GARAGES &/OR ENGINEERS.	Warringah Motor Repairs., Cavill St., Harbord	43903	1953	Road Match	128m
	MOTOR GARAGES &/OR ENGINEERS.	Cunningham F. L., Cavill St., Harbord	31544	1952	Road Match	128m
	MOTOR GARAGES &/OR ENGINEERS	Cunningham, F. L., Cavill St., Harbord	83653	1950	Road Match	128m
	MOTOR GARAGES &/OR ENGINEERS.	Cunningham F. L., Cavil I St Harbord	17627	1948-49	Road Match	128m
	MOTOR GARAGES &/OR ENGINEERS.	Cunningham F. L., Cavill St Harbord	17953	1948-49	Road Match	128m
12	DRY CLEANERS, PRESSERS & DYERS.	Fitton W., 23 Charles St Harbord	44369	1954	Road Match	257m
	DRY CLEANERS, PRESSERS & DYERS.	Fitton W., 23 Charles St Harbord	36179	1953	Road Match	257m
	DRY CLEANERS, PRESSERS & DYERS.	Fitton W., 23 Charles St Harbord	27059	1952	Road Match	257m
	DRY CLEANERS, PRESSERS & DYERS	Fitton, W., 23 Charles St., Harbord	35236	1950	Road Match	257m
13	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Esso Servicer., Harbord Rd Harbord	47880	1969	Road Match	316m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Esso Servicer., Harbord Rd., Harbord	31307	1968	Road Match	316m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Esso Servicer., Harbord Rd., Harbord	15784	1967	Road Match	316m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Esso Servicer., Harbord Rd Harbord	1359	1966	Road Match	316m

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# Topographic Map 2015

10-28 Lawrence Street, Freshwater, NSW 2096



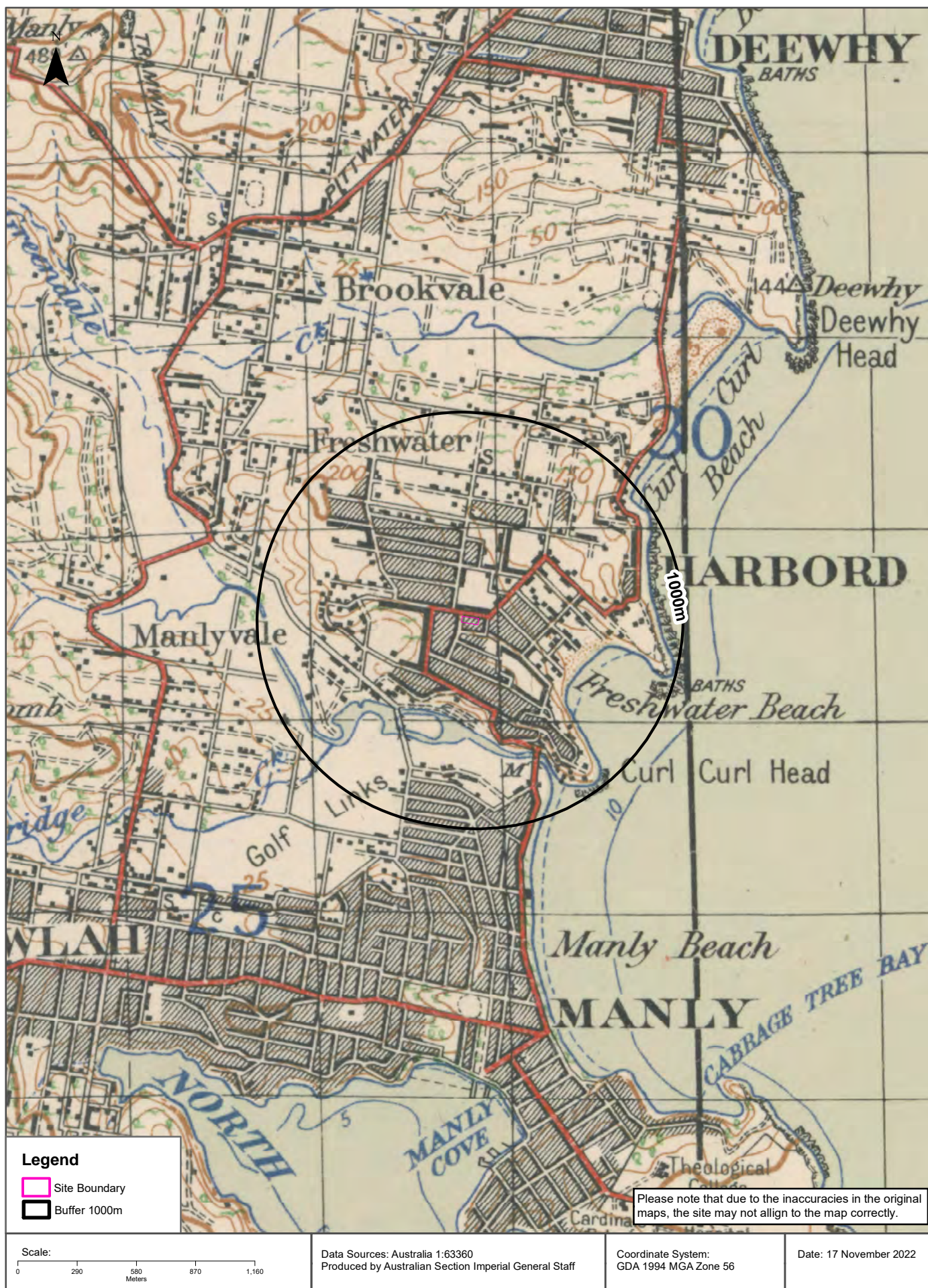
Historical Map 1975

10-28 Lawrence Street, Freshwater, NSW 2096



# Historical Map c.1936

10-28 Lawrence Street, Freshwater, NSW 2096



## Historical Map c.1917

10-28 Lawrence Street, Freshwater, NSW 2096



# Topographic Features

10-28 Lawrence Street, Freshwater, NSW 2096



# Topographic Features

10-28 Lawrence Street, Freshwater, NSW 2096

## Points of Interest

What Points of Interest exist within the dataset buffer?

Map Id	Feature Type	Label	Distance	Direction
412699	Community Medical Centre	FRESHWATER COMMUNITY HEALTH CENTRE	26m	North West
314257	Library	HARBORD COMMUNITY LIBRARY	45m	North West
308865	Post Office	FRESHWATER POST OFFICE	77m	East
286445	Place Of Worship	ANGLICAN CHURCH	94m	North West
354538	Community Facility	WAVES YOUTH CLUB	121m	North
286427	Place Of Worship	UNITING CHURCH	138m	North East
416324	Park	CROWN ROAD RESERVE	241m	South
337154	Suburb	FRESHWATER	298m	North
337151	Suburb	QUEENSCLIFF	334m	South
392117	Place Of Worship	CATHOLIC CHURCH	364m	North
415343	Park	PALOMAR RESERVE	378m	West
314256	Place Of Worship	UNITING CHURCH	383m	North East
398648	Primary School	ST JOHN THE BAPTIST CATHOLIC PRIMARY SCHOOL	395m	North
286426	Park	JACKA PARK	405m	North
314287	Place Of Worship	SEVENTH DAY ADVENTIST CHURCH	432m	West
314286	Place Of Worship	JEHOVAHS WITNESSES CHURCH	450m	West
415666	Primary School	ST JOHN THE BAPTIST CATHOLIC PRIMARY SCHOOL	451m	North
286457	Park	UNDERCLIFF RESERVE	481m	South East
415280	Park	AITKEN RESERVE	481m	South
308871	Community Facility	FRESHWATER SLSC	498m	East
286431	Park	FRESHWATER RESERVE	540m	East
390556	Park	MILL PARK	547m	South West
309156	Natural Waterbody	MANLY LAGOON	561m	South
286406	Park	HINKLER PARK	568m	South West
314292	Park	COSTIN RESERVE	579m	South East
336307	Beach	FRESHWATER BEACH	610m	East
416996	Sports Court	SKATE PARK	634m	South West
286458	Park	LAGOON PARK	646m	South
412697	Community Medical Centre	QUEENSCLIFF COMMUNITY HEALTH CENTRE	653m	South West
398647	Primary School	HARBORD PUBLIC SCHOOL	704m	North
286405	Park	KEIRLE PARK	733m	South West

Map Id	Feature Type	Label	Distance	Direction
415309	Park	COOKSEY RESERVE	739m	North East
308880	General Hospital	SOUTH PACIFIC PRIVATE HOSPITAL	749m	North East
413973	Club	HARBORD DIGGERS MOUNTIES GROUP	763m	East
308872	Community Facility	QUEENSCLIFF SLSC	772m	South East
286408	Park	HARBORD PARK	791m	North
286459	High School	STELLA MARIS COLLEGE	802m	South
336310	Bay / Inlet / Basin	QUEENSCLIFF BAY	804m	South East
308824	Sports Court	TENNIS COURTS	807m	South West
399261	Special School	STEWART HOUSE SCHOOL	824m	North East
405848	High School	STELLA MARIS COLLEGE BENEDICT CAMPUS	826m	South
286443	Post Office	HARBORD WEST POST OFFICE	828m	North West
308873	Park	MERRETT PARK	841m	South East
308825	Sports Field	BOWLING GREENS	843m	South West
416947	Sports Field	CRICKET GROUND	865m	South West
416946	Sports Field	CROQUET GREENS	870m	South West
286428	Park	Park	874m	North
286430	Park	MCKILLOP PARK	875m	East
416023	Community Medical Centre	CURL CURL COMMUNITY HEALTH CENTRE	883m	North East
308842	Swimming Pool	QUEENSCLIFF ROCK POOL	885m	South East
286411	Place Of Worship	MORMON CHURCH	920m	North West
336308	Headland	QUEENSCLIFF HEAD	936m	South East
308838	Swimming Pool	FRESHWATER ROCK POOL	937m	East
308839	Swimming Pool	Swimming Pool	948m	North East
286483	Community Facility	SOUTH CURL CURL SLSC	973m	North East
391829	Sports Court	TENNIS COURTS	976m	West
286397	Golf Course	MANLY GOLF COURSE	979m	South West
416998	Sports Court	BASKETBALL COURT	980m	West
414023	Club	MANLY VALE CALABRIA BOWLING SPORTS AND SOCIAL CLUB	989m	West
286404	Park	NOLAN RESERVE	999m	West

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# Topographic Features

10-28 Lawrence Street, Freshwater, NSW 2096

## Tanks (Areas)

What are the Tank Areas located within the dataset buffer?

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

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

## Tanks (Points)

What are the Tank Points located within the dataset buffer?

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

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

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

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## Major Easements

What Major Easements exist within the dataset buffer?

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

Map Id	Easement Class	Easement Type	Easement Width	Distance	Direction
120118117	Primary	Undefined		252m	North East
120121893	Primary	Undefined		281m	South West
120110218	Primary	Undefined		327m	North West
120121720	Primary	Undefined		439m	North East
155907846	Primary	Right of way		446m	East
151371742	Primary	Right of way	4m and Variable	511m	West
120115275	Primary	Undefined		576m	North
120114518	Primary	Undefined		722m	North West
159725113	Primary	Right of way	VARIABLE	736m	North East
120121891	Primary	Undefined		768m	North West
174382307	Primary	Right of way	Variable	796m	North West
120114142	Primary	Undefined		882m	North
151804876	Primary	Right of way	4.57m & Var.	917m	North East
177605032	Primary	Right of way	4m & Var	929m	North

Map Id	Easement Class	Easement Type	Easement Width	Distance	Direction
120110455	Primary	Undefined		937m	North
175615949	Primary	Right of way	3.5 & 5.5	950m	North
177603801	Primary	Right of way		951m	North

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

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# Topographic Features

10-28 Lawrence Street, Freshwater, NSW 2096

## 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

10-28 Lawrence Street, Freshwater, NSW 2096

### 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

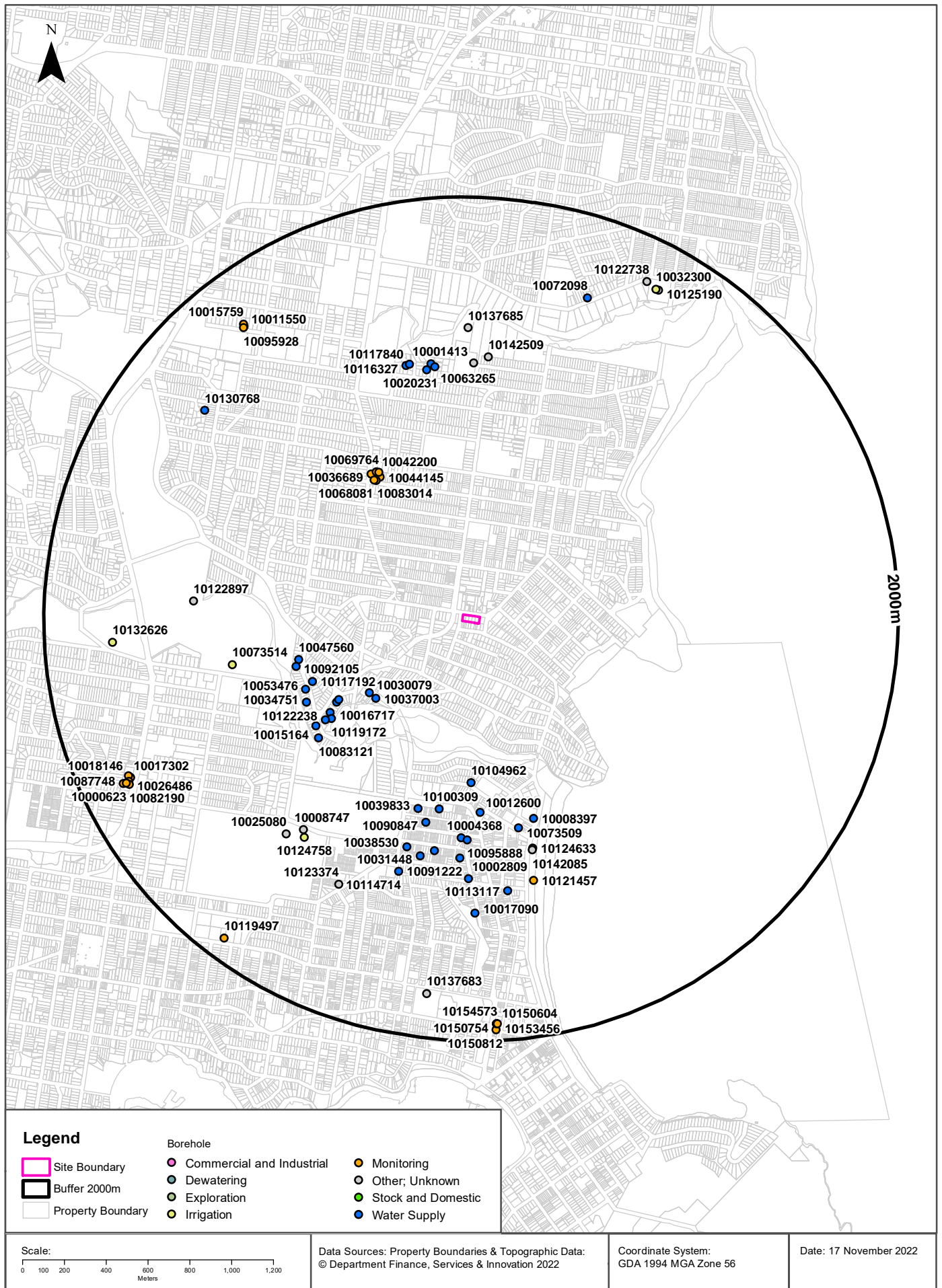
Temporary water restrictions relating to the Botany Sands aquifer within the dataset buffer:

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

# Groundwater Boreholes

10-28 Lawrence Street, Freshwater, NSW 2096



# Hydrogeology & Groundwater

10-28 Lawrence Street, Freshwater, NSW 2096

## 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
10037003	GW106808	Water Supply	Functioning	08/12/2004	3.00		AHD	Good	0.500	1.00	554m	South West
10030079	GW110726	Water Supply	Unknown	06/03/2007	4.00		AHD	Good	0.500	2.00	560m	South West
10123503	GW109644	Water Supply	Unknown	03/10/2008	5.20		AHD	249	0.900	2.40	699m	South West
10016717	GW108909	Water Supply	Unknown	12/06/2008	5.50		AHD	280	0.800	21.00	715m	South West
10068081	GW113218	Monitoring	Functional	13/11/2013	5.00		AHD				763m	North West
10104962	GW017206	Water Supply	Functioning	01/01/1958	3.30		AHD	Good			765m	South
10044145	GW113219	Monitoring	Functional	03/04/2003	3.00		AHD				768m	North West
10112795	GW108968	Water Supply	Unknown	26/06/2008	8.00		AHD				768m	South West
10083014	GW113277	Monitoring	Functional	02/04/2013	6.00		AHD				772m	North West
10117192	GW107619	Water Supply	Functioning	21/11/2005	6.10		AHD		1.000	2.50	772m	West
10119172	GW108714	Water Supply	Functioning	30/04/2007	5.20		AHD	280	1.000	2.10	779m	South West
10069764	GW113220	Monitoring	Functional	13/11/2013	4.50		AHD				791m	North West
10042200	GW113275	Monitoring	Functional	01/04/2003	7.00		AHD				799m	North West
10047560	GW106288	Water Supply	Functioning	02/08/2005	2.00		AHD				801m	West
10036689	GW113276	Monitoring	Functional	01/04/2003	6.00		AHD				803m	North West
10122238	GW111902	Water Supply	Functioning	04/09/2007	5.50		AHD	285	1.000	2.10	806m	South West
10053476	GW105760	Water Supply	Functioning	05/01/2004	3.66		AHD		1.000	1.52	816m	South West
10092105	GW108815	Water Supply	Functioning	11/05/2007	4.00		AHD	Good	0.500	2.00	823m	West
10034751	GW107190	Water Supply	Functioning	07/07/2005	6.00		AHD		0.500	2.00	839m	South West
10015164	GW109007	Water Supply	Unknown	09/07/2008	8.00		AHD				860m	South West
10083121	GW108546	Water Supply	Functioning	29/01/2007	4.00		AHD	Good	0.500	2.00	886m	South West
10012600	GW106151	Water Supply	Functioning	18/06/2004	7.00		AHD		0.500	5.00	906m	South
10100309	GW023992	Water Supply	Unknown	01/05/1966	4.20		AHD	Good			907m	South
10039833	GW025701	Water Supply	Unknown	01/12/1965	2.70		AHD				924m	South
10008397	GW106839	Water Supply	Functioning	05/02/2004	7.93		AHD	Good	1.000	5.49	971m	South
10090847	GW108289	Water Supply	Functioning	20/10/2006	4.00		AHD		0.500	2.00	981m	South
10073509	GW108231	Water Supply	Functioning	18/10/2006	7.70		AHD		1.000	4.50	998m	South
10004368	GW108424	Water Supply	Unknown	04/02/2007	8.00		AHD				1029m	South
10095888	GW111499	Water Supply	Functioning	31/01/2011	2.50		AHD				1038m	South
10124633	GW109320	Other	Unknown	10/09/2008	7.50		AHD	300	0.500	5.50	1107m	South

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
10130088	GW110630	Water Supply	Unknown	04/01/2010	6.25		AHD	225	0.900	2.70	1108m	South
10038530	GW108530	Water Supply	Functioning	23/01/2007	4.00		AHD	Good	0.500	2.00	1113m	South
10142085	GW106339	Other	Unknown	02/04/2004	7.50		AHD	300	0.500	5.50	1115m	South
10073514	GW020813	Irrigation	Functioning	01/01/1957	2.70		AHD				1118m	West
10091222	GW111691	Water Supply	Functioning	04/10/2010	9.00		AHD				1127m	South
10031448	GW108845	Water Supply	Unknown	30/04/2007	12.00		AHD				1143m	South
10020231	GW107362	Water Supply	Functioning	10/08/2005	5.00		AHD	Good	0.500	3.00	1183m	North
10063265	GW108029	Water Supply	Functioning	19/04/2006	6.00		AHD		0.500	2.00	1192m	North
10064788	GW072222	Other	Functioning	30/11/1994	10.00		AHD	7001-10000 ppm	1.000	1.00	1206m	North
10001413	GW107814	Water Supply	Removed	05/12/2005	4.00		AHD				1209m	North
10002809	GW108941	Water Supply	Unknown	19/06/2008	10.00		AHD				1223m	South
10116327	GW107867	Water Supply	Functioning	06/03/2006	4.00		AHD		1.000	2.10	1223m	North
10117840	GW107782	Water Supply	Functioning	19/01/2006	3.00		AHD	509	0.500	1.20	1225m	North
10114714	GW110443	Water Supply	Unknown	12/03/2009	8.00		AHD				1237m	South
10142509	GW111038	Other	Unknown	11/08/2010	90.00		AHD	350	1.000	2.00	1240m	North
10008747	GW107823	Other	Unknown	20/01/1977	15.20		AHD		4.500	1.80	1255m	South West
10121457	GW109652	Monitoring	Unknown	27/07/2008	6.00		AHD	130		2.70	1258m	South
10124758	GW037353	Irrigation	Unknown	01/11/1973	13.70		AHD				1282m	South West
10122897	GW102334	Other	Functioning	01/10/1997	60.00		AHD	240	1.800	4.00	1286m	West
10113117	GW108848	Water Supply	Unknown	18/05/2007	12.00		AHD				1288m	South
10025080	GW107822	Other	Unknown	01/01/1980			AHD				1322m	South West
10137685	GW107655	Other	Unknown	14/01/2005	78.00		AHD	220	3.000	3.00	1373m	North
10017090	GW108919	Water Supply	Unknown	17/06/2008	6.10		AHD	250	0.900	4.00	1388m	South
10123374	GW106691	Other	Unknown	23/11/2004	30.50		AHD	440	7.800	4.20	1393m	South West
10130768	GW107745	Water Supply	Functioning	13/10/2005	15.00		AHD	270	0.800	9.00	1573m	North West
10072098	GW110933	Water Supply	Functioning	21/06/2010	4.00		AHD		0.900	1.90	1611m	North
10132626	GW107816	Irrigation	Unknown	05/09/2005	78.50		AHD	505	2.500	7.00	1675m	West
10095928	GW114517	Monitoring	Functional	17/04/2013	3.50		AHD				1728m	North West
10011550	GW114516	Monitoring	Functional	17/04/2013	4.00		AHD				1732m	North West
10015759	GW114515	Monitoring	Functional	17/04/2013	4.00		AHD				1741m	North West
10017302	GW112112	Monitoring	Functional	25/11/2002	6.20		AHD				1753m	South West
10018146	GW112115	Monitoring	Functional	25/11/2002	6.00		AHD				1758m	South West
10026486	GW112113	Monitoring	Functional	25/03/2013	6.20		AHD				1768m	South West
10082190	GW112114	Monitoring	Functional	26/11/2002	6.20		AHD				1773m	South West
10032300	GW026577	Irrigation	Unknown	01/12/1965	2.70		AHD				1780m	North East

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
10125190	GW107537	Other	Unknown	10/04/2005	4.34		AHD	550	1.470	1.10	1781m	North East
10000623	GW103769	Monitoring	Unknown	07/04/1995	3.50		AHD				1784m	South West
10018988	GW103768	Monitoring	Unknown	07/04/1995	3.60		AHD				1784m	South West
10024847	GW103766	Monitoring	Unknown	03/09/1991	2.40		AHD				1784m	South West
10051408	GW103767	Monitoring	Unknown	03/09/1991	2.10		AHD				1784m	South West
10111661	GW103765	Monitoring	Unknown	03/09/1991	5.00		AHD				1784m	South West
10137683	GW106341	Other	Unknown	14/04/2004	42.50		AHD	374	3.100	18.30	1790m	South
10122738	GW109151	Other	Proposed	05/08/2008	120.00		AHD	610	2.100	10.00	1793m	North East
10087748	GW112111	Monitoring	Functional	27/11/2002	6.20		AHD				1797m	South West
10119497	GW108323	Monitoring	Unknown	13/12/2005	162.50		AHD	248	0.400	8.00	1898m	South West
10150604	GW116139	Monitoring	Functional	14/08/2017	12.60		AHD				1919m	South
10150754	GW116139	Monitoring	Functional	14/08/2017	12.60		AHD				1919m	South
10154573	GW116138	Monitoring	Functional	15/08/2017	13.20		AHD				1919m	South
10153456	GW116140	Monitoring	Functional	14/08/2017	13.00		AHD				1920m	South
10150812	GW116659	Monitoring	Functioning	15/08/2017	13.20		AHD				1947m	South

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

# Hydrogeology & Groundwater

10-28 Lawrence Street, Freshwater, NSW 2096

## Driller's Logs

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

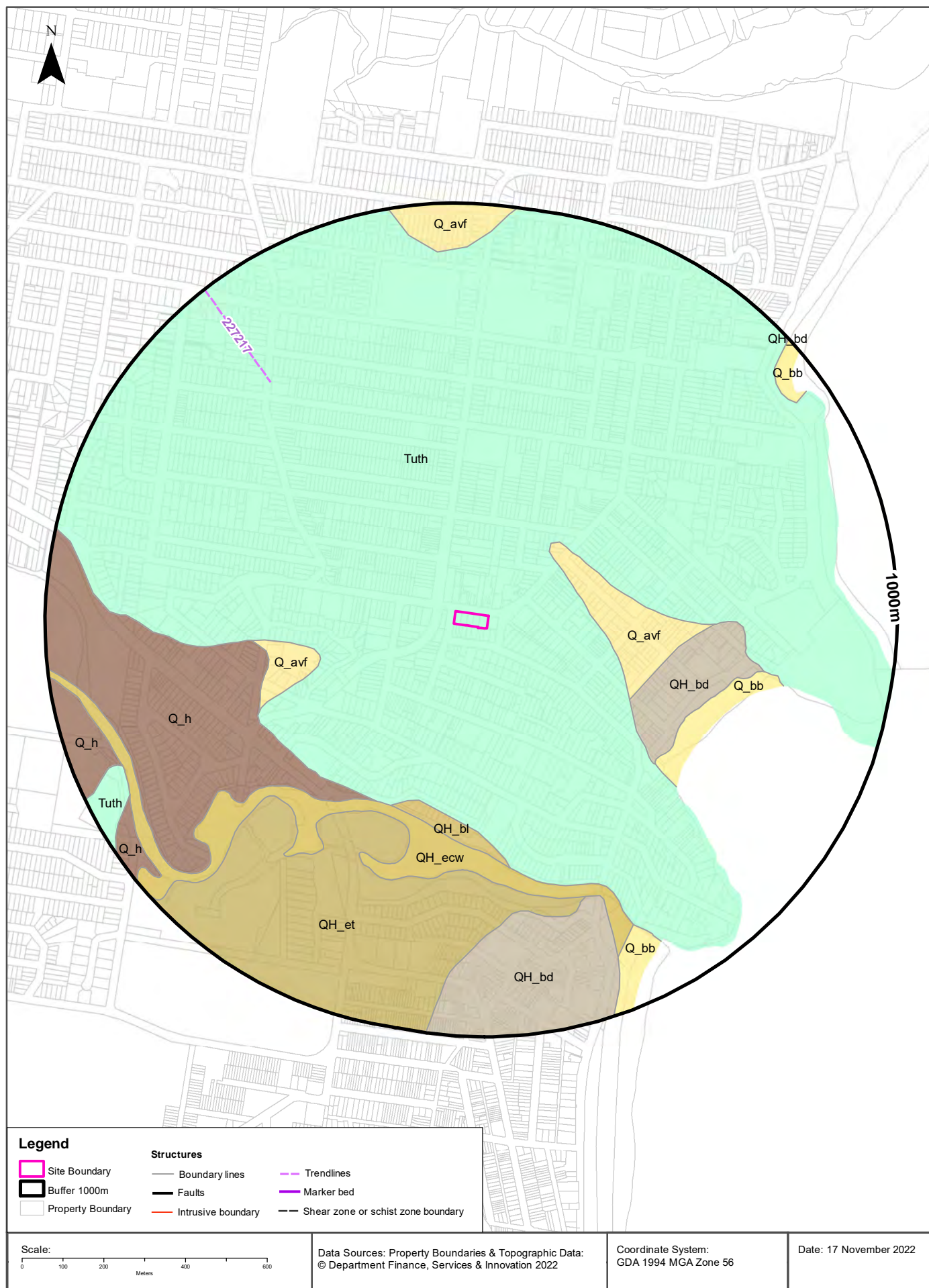
NGIS Bore ID	Drillers Log	Distance	Direction
10037003	0.00m-0.30m topsoil 0.30m-1.50m silty sand, brown 1.50m-3.00m sand, grey	554m	South West
10030079	0.00m-2.00m SAND YELLOW 2.00m-4.00m SAND LIGHT BROWN	560m	South West
10123503	0.00m-0.10m TOPSOIL 0.10m-0.25m RUBBLE 0.25m-0.50m WHITE SAND 0.50m-1.00m SAND 1.00m-2.50m SAND/TOPSOIL 2.50m-4.00m DARK SAND 4.00m-5.20m SAND/ SHELLS	699m	South West
10104962	0.00m-3.35m Sand Water Supply	765m	South
10117192	0.00m-6.10m sand	772m	West
10119172	0.00m-2.00m topsoil 2.00m-2.10m sand, grey 2.10m-5.20m sand, grey and shells	779m	South West
10122238	0.00m-0.20m TOPSOIL 0.20m-2.10m SAND GREY 2.10m-5.50m SAND GREY / SHELLS	806m	South West
10053476	0.00m-3.66m sand, fine unconsolidated	816m	South West
10092105	0.00m-0.30m topsoil 0.30m-2.20m sand, brown 2.20m-4.00m sand, grey	823m	West
10034751	0.00m-6.00m sand	839m	South West
10083121	0.00m-0.30m Topsoil 0.30m-1.50m Sand, yellow 1.50m-4.00m Sand, grey	886m	South West
10012600	0.00m-0.30m topsoil 0.30m-5.00m sand, yellow 5.00m-7.00m sand, yellow with small shells	906m	South
10100309	0.00m-0.91m Sand 0.91m-2.13m Clay White 2.13m-4.26m Sand Grey Black Water Supply	907m	South
10039833	0.00m-1.82m Sand Grey 0.00m-1.82m Clay Grey 1.82m-2.74m Sand White Grey Water Supply	924m	South
10008397	0.00m-7.93m Sand, unconsolidated	971m	South
10090847	0.00m-0.30m topsoil 0.30m-3.20m sand, grey 3.20m-4.00m sand, brown	981m	South
10073509	0.00m-1.00m topsoil 1.00m-7.70m sand, yellow	998m	South
10004368	0.00m-8.00m Sand	1029m	South
10124633	0.00m-1.00m BROWN SANDY LOAM 1.00m-5.50m SAND 5.50m-7.50m SAND	1107m	South
10130088	0.00m-0.40m TOPSOIL 0.40m-0.60m SAND DARK 0.60m-1.00m WHITE SAND 1.00m-2.50m SAND MIXED 2.50m-2.70m DARK SOIL 2.70m-6.25m SAND MIXED	1108m	South
10038530	0.00m-0.30m Topsoil 0.30m-2.50m Sand, yellow 2.50m-4.00m Sand, brown	1113m	South

NGIS Bore ID	Drillers Log	Distance	Direction
10142085	0.00m-1.00m BROWN SANDY LOAM 1.00m-5.50m SAND 5.50m-7.50m SAND	1115m	South
10091222	0.00m-9.00m SAND	1127m	South
10031448	0.00m-12.00m sand	1143m	South
10020231	0.00m-0.30m topsoil 0.30m-3.50m sand, white 3.50m-5.00m sand, yellow silty	1183m	North
10063265	0.00m-0.30m topsoil 0.30m-2.50m sand, grey 2.50m-4.20m sand, grey silty 4.20m-6.00m sand, grey	1192m	North
10064788	0.00m-1.00m SAND 1.00m-19.00m SANDY CLAY 19.00m-27.50m SANDSTONE L/BROWN 27.50m-27.70m SANDSTONE SOFT 27.70m-46.50m SANDSTONE GREY 46.50m-48.00m SANDSTONE DARK GREY 48.00m-64.30m SANDSTONE GREY 64.30m-64.70m SANDSTONE FINE QUARTZ 64.70m-83.00m SANDSTONE GREY 83.00m-83.50m SANDSTONE FINE QUARTZ 83.50m-96.30m SANDSTONE GREY 96.30m-96.40m SANDSTONE FRACTURED 96.40m-120.00m SANDSTONE DARK GREY	1206m	North
10001413	0.00m-0.50m topsoil 0.50m-2.00m sand, white 2.00m-3.50m sand, yellow silty 3.50m-4.00m clay, grey	1209m	North
10116327	0.00m-4.00m sand 4.00m-5.00m clay	1223m	North
10117840	0.00m-3.00m sand 3.00m-4.00m clay	1225m	North
10114714	0.00m-5.00m SAND 5.00m-8.00m CLAY	1237m	South
10142509	0.00m-5.00m FIIL / RUBBISH 5.00m-30.00m SAND , GRAVEL 30.00m-80.00m SANDSTONE 80.00m-81.00m SHALE 81.00m-90.00m SANDSTONE	1240m	North
10008747	0.00m-0.90m BLACK SANDY SOIL 0.90m-4.60m GREY SAND (W.B) 4.60m-5.50m GREY CLAY 5.50m-9.50m GREY AND BROWN SAND( W.B ) 9.50m-12.80m GREY SAND WITH FINE PEATY SANDS 12.80m-15.20m GREY SAND WITH BANDS OF CLAY	1255m	South West
10121457	0.00m-4.00m SAND YELLOW 4.00m-6.00m SAND HARD	1258m	South
10124758	0.00m-0.91m Soil Black Sandy 0.91m-4.72m Sand Grey Water Supply 4.72m-5.49m Clay Grey 5.49m-9.45m Sand Grey Water Supply 9.45m-12.80m Sand Grey Some Peaty Fine Water Supply 12.80m-13.72m Sand Grey 12.80m-13.72m Clay Bands	1282m	South West
10122897	0.00m-0.50m Topsoil 0.50m-3.00m SAND YELLOW 3.00m-7.00m MARINE DARK GREY/CLAY-VERY GREASY 7.00m-11.00m MARINE WITH 15%SHELL FRAG.QUARTZ. 11.00m-17.00m MARINE NO QUARTZ 17.00m-23.00m MARINE/5%SHELL FRAGMENT 23.00m-26.00m MARINE/10%SHELL FRAGMENT 26.00m-28.00m MARINE/15%SHELL FRAGMENT 28.00m-30.00m SANDSTONE/BROWN/ GRAIN 30.00m-31.00m SANDSTONE/BROWN/R. QUARTZ 31.00m-35.00m SANDSTONE/GREY/F/G/BIT CLAY MATRIX 35.00m-40.00m CLAY STONE GREY 40.00m-60.00m SANDSTONE/WHITE BIT OF QUARTZ	1286m	West
10113117	0.00m-12.00m sand	1288m	South
10137685	0.00m-26.00m SAND 26.00m-33.00m SAND/CLAY 33.00m-43.00m SAND/CLAY/QUARTZ 43.00m-71.00m SANDSTONE 71.00m-78.00m SHALE	1373m	North

NGIS Bore ID	Drillers Log	Distance	Direction
10123374	0.00m-4.60m SAND L/GREY 4.60m-6.80m DARK SANDSTONE AND QUARTZ 6.80m-12.20m L/GREY SANDSTONE 12.20m-12.80m DARK SANDSTONE AND QUARTZ 12.80m-18.20m L/GREY SANDSTONE 18.20m-19.50m GREY SANDSTONE AND QUARTZ (W) 19.50m-20.30m GREY SANDSTONE 20.30m-22.00m BROWN SANDSTONE,COARSE 22.00m-27.30m L/GREY SANDSTONE 27.30m-28.00m L/GREY SANDSTONE AND QUARTZ 28.00m-29.00m GREY SANDSTONE 29.00m-29.80m GREY SANDSTONE COARSE GRAINED 29.80m-30.50m L/GREY SANDSTONE	1393m	South West
10130768	0.00m-15.00m sand	1573m	North West
10072098	0.00m-0.20m TOSOIL 0.20m-0.50m SANDS MIXED 0.50m-1.40m SAND GREY AND CLAY 1.40m-1.90m SAND DARK WITH CLAY 1.90m-2.50m CLAY 2.50m-3.00m SAND AND CLAY 3.00m-4.00m SAND AND QUARTZ	1611m	North
10132626	0.00m-1.40m SANDY CLAY L/BROWN 1.40m-4.70m RED CLAY 4.70m-13.80m GREY SANDSTONE 13.80m-14.30m SANDSTONE FRACTURED,GREY 14.30m-22.30m SANDSTONE L/GREY 22.30m-23.00m SANDSTONE GREY,CLAY GREY 23.00m-26.40m GREY SANDSTONE 26.40m-27.20m BROWN SANDSTONE,QUARTZ 27.20m-27.50m SANDSTONE GREY 27.50m-28.00m BROWN SANDSTONE,QUARTZ 28.00m-29.50m L/GREY SANDSTONE 29.50m-29.60m GREY CLAY 29.60m-30.30m BROWN SANDSTONE,QUARTZ 30.30m-34.00m DARK GREY SANDSTONE 34.00m-34.70m DARK BROWN G/SANDSTONE 34.70m-48.10m DARK GREY SANDSTONE 48.10m-48.90m DARK GREY SHALE 48.90m-78.50m SANDSTONE GREY/L/GREY	1675m	West
10095928	0.00m-0.18m CONCRETE 0.18m-0.70m SILTY SAND,FINE TO MED.GRAINED,LIGHT BROWN 0.70m-1.00m SILTY SAND,ORANGE BROWN 1.00m-2.20m SILTY SAND LIGHT GREY,RED BROWN 2.20m-3.00m SANDY CLAY MED.PLASTICITY GREY MOT. 3.00m-4.00m SAND FINE TO MED.GRAINED,LIGHT GREY	1728m	North West
10011550	0.00m-0.21m CONCRETE 0.21m-0.70m FILL SILTY SAND FINE TO MED. GRAINED 0.70m-1.00m SILTY SAND ORANGE BROWN MOIST 1.00m-1.50m SAND.FINE TO MED.GRAINED,MOIST TO WET 1.50m-2.00m SILTY SAND FINE TO MED.GRAINED 2.00m-4.30m SAND LIGHT GREY MOIST TO WET 4.30m-4.50m SANDY CLAY MED.PLASTICITY,DARK GREY	1732m	North West
10015759	0.00m-0.23m CONCRETE 0.23m-0.50m FILL.SILTY SAND,FINE TO MED.GRAINED 0.50m-1.50m SAND FINE TO MED.GRAINED,YELLOW BROWN AND GREY 1.50m-4.50m SAND FINE TO MED.GRAINED,LIGHT GREY,SILT	1741m	North West
10125190	0.00m-2.00m CLAY FILL 2.00m-4.34m SAND	1781m	North East
10000623	0.00m-0.10m CONCRETE 0.10m-0.50m FILL,BROWN 0.50m-2.40m SAND ORANGE,BROWN,GREY,CLAYEY 2.40m-3.50m SANDSTONE,WHITE,FINE	1784m	South West
10018988	0.00m-0.10m CONCRETE/FILL BROWN 0.10m-1.00m SAND MUSTARD BROWN 1.00m-3.60m SAND WEATHERED PINKISH/GREY/GREY	1784m	South West
10024847	0.00m-1.20m SAND CLEAN NO ODOUR 1.20m-2.40m SAND STAINED, STRONG HYDROCARBON ODOUR	1784m	South West
10051408	0.00m-1.20m SAND TANK PIT BACKFILL 1.20m-2.10m CLAY/GREY/YELLOW/PLASTIC	1784m	South West
10111661	0.00m-1.00m CLAY,MEDIUM BROWN 1.00m-2.00m CLAY REDDISH BROWN 2.00m-2.30m CLAY GREY 2.30m-3.00m CLAY WEATHERED 3.00m-4.00m CLAY GREY FINE 4.00m-5.00m CLAY MOIST SEMIPLASTIC	1784m	South West

NGIS Bore ID	Drillers Log	Distance	Direction
10137683	0.00m-2.50m FILL AND ROCKS 2.50m-25.00m SANDSTONE L/BROWN,SOFT BANDS 25.00m-26.50m SANDSTONE FINE QUARTZ 26.50m-28.50m SANDSTONE QUARTZ 28.50m-29.00m SANDSTONE GREY 29.00m-29.50m QUARTZ 29.50m-36.00m SANDSTONE GREY 36.00m-36.20m SANDSTONE QUARTZ 36.20m-36.60m SANDSTONE GREY 36.60m-36.70m SANDSTONE FRACTURED 36.70m-40.00m SANDSTONE GREY 40.00m-42.50m SANDSTONE DARK GREY	1790m	South
10122738	0.00m-2.50m SAND, YELLOW 2.50m-27.20m SAND/CLAY 27.20m-32.80m SANDSTONE WEATHERED 32.80m-34.90m SANDSTONE GREY 34.90m-35.50m CLAY 35.50m-44.70m SANDSTONE GREY 44.70m-44.90m SANDSTONE FRACTURED 44.90m-56.80m SANDSTONE GREY 56.80m-57.10m SANDSTONE FRACTURED 57.10m-58.90m SANDSTONE DARK GREY 58.90m-62.00m SANDSTONE GREY 62.00m-65.00m SILTSTONE GREY 65.00m-91.90m SANDSTONE GREY 91.90m-98.50m SILTSTONE GREY 98.50m-101.50m SILTSTONE RED 101.50m-115.00m SANDSTONE GREY 115.00m-120.00m SILTSTONE RED	1793m	North East
10119497	0.00m-0.50m SAND 0.50m-2.50m CLAY 2.50m-11.00m SANDSTONE L/BROWN 11.00m-16.00m SANDSTONE GREY 16.00m-17.00m SANDSTONE BROWN 17.00m-18.00m SANDSTONE D/G 18.00m-27.00m SANDSTONE QUARTZ BANDS 27.00m-27.50m QUARTZ COURSE 27.50m-45.00m SANDSTONE GREY 45.00m-45.10m SANDSTONE FRACTURED 45.10m-68.00m SANDSTONE G.D/G 68.00m-76.00m SILTSTONE, D/G 76.00m-142.00m SANDSTONE GREY 142.00m-151.00m SANDSTONE D/G 151.00m-155.00m SANDSTONE GREY 155.00m-162.50m SANDSTONE D/G	1898m	South West

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



## Geological Units

What are the Geological Units within the dataset buffer?

Unit Code	Unit Name	Description	Unit Stratigraphy	Age	Dominant Lithology	Distance
Tuth	Hawkesbury Sandstone	Medium- to coarse-grained quartz sandstone with minor shale and laminite lenses.	/Ungrouped Triassic units//Hawkesbury Sandstone//	Anisian (base) to Anisian (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	211m
QH_bd	Coastal deposits - dune facies	Marine-deposited and aeolian-reworked coastal sand dunes.	/Coastal deposits//Coastal deposits - dune facies//	Holocene (base) to Now (top)	Sand	391m
QH_bl	Coastal deposits - lagoon facies	Organic-rich mud, silt, clay, very fine- to fine-grained quartz-lithic-carbonate sand (marine-deposited), shell and shell grit.	/Coastal deposits//Coastal deposits - lagoon facies//	Holocene (base) to Now (top)	Organic rich sediment	441m
Q_h	Anthropogenic deposits	Anthropocene deposits varying from large man-made clasts (concrete blocks to building demolition rubble) to quarried natural boulders, with interstitial sand-sized to clay matrix.	/Anthropogenic deposits///	Quaternary (base) to Now (top)	Anthropogenic material	460m
QH_ecw	Estuarine channel deposits (subaqueous)	Fine- to medium-grained lithic-carbonate-quartz sand (marine-deposited), silt, clay, shell, gravel.	/Estuarine deposits//Estuarine channel deposits//Estuarine channel deposits (subaqueous)//	Holocene (base) to Now (top)	Clastic sediment	471m
QH_et	Estuarine tidal-delta flat	Fine- to medium-grained lithic-carbonate-quartz sand (marine-deposited), silt, clay, shell material, polymictic gravel.	/Estuarine deposits//Estuarine tidal-delta flat//	Holocene (base) to Now (top)	Clastic sediment	497m
Q_bb	Coastal deposits - beach facies	Marine-deposited quartz-lithic fine- to medium-grained sand, shell and shell material, polymictic gravel.	/Coastal deposits//Coastal deposits - beach facies//	Quaternary (base) to Now (top)	Sand	524m

## 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
227217	Dyke or vein	Sydney 1:100,000 Geological Sheet	722m

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

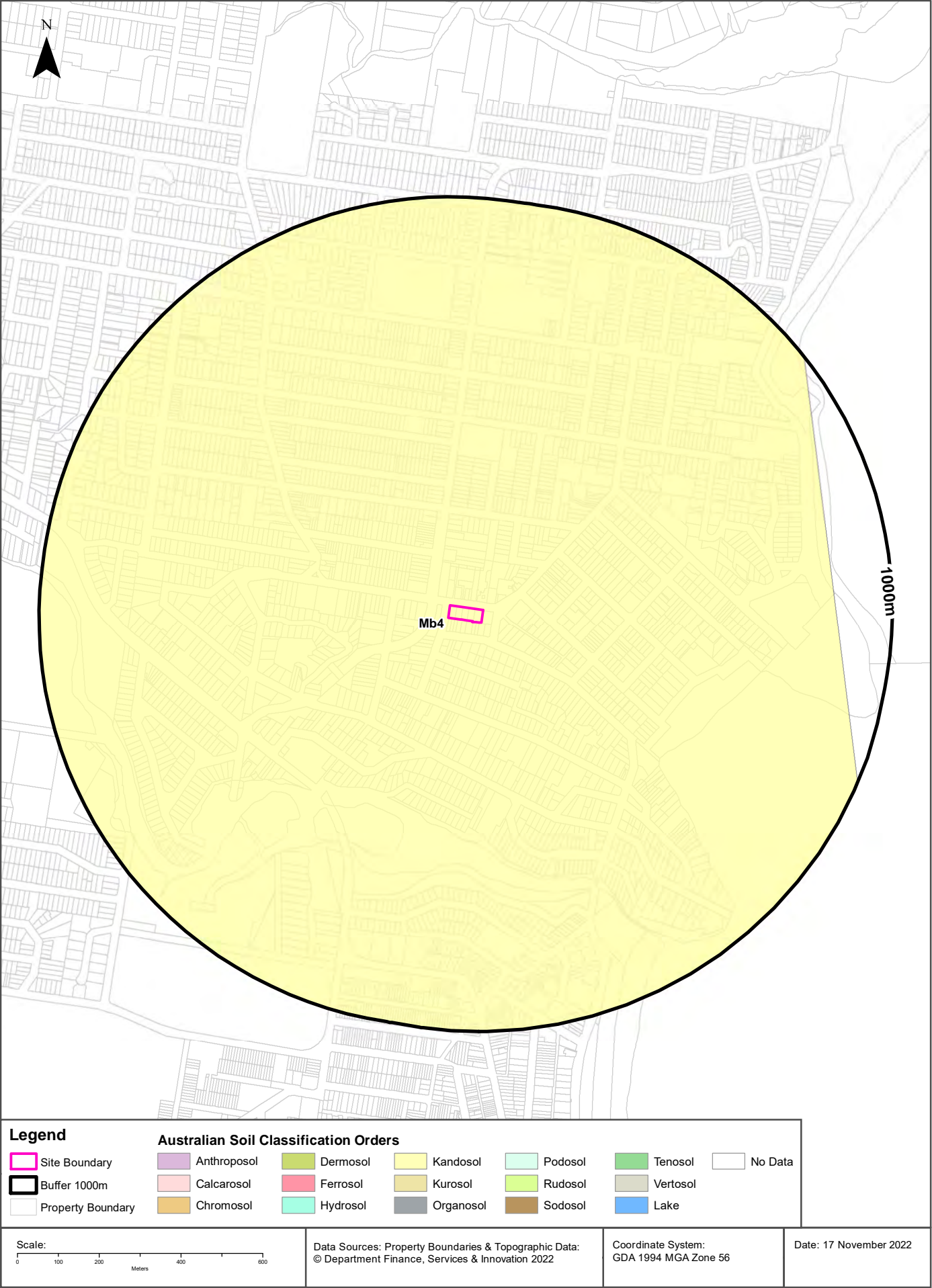
10-28 Lawrence Street, Freshwater, NSW 2096

## 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

10-28 Lawrence Street, Freshwater, NSW 2096

### Atlas of Australian Soils

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

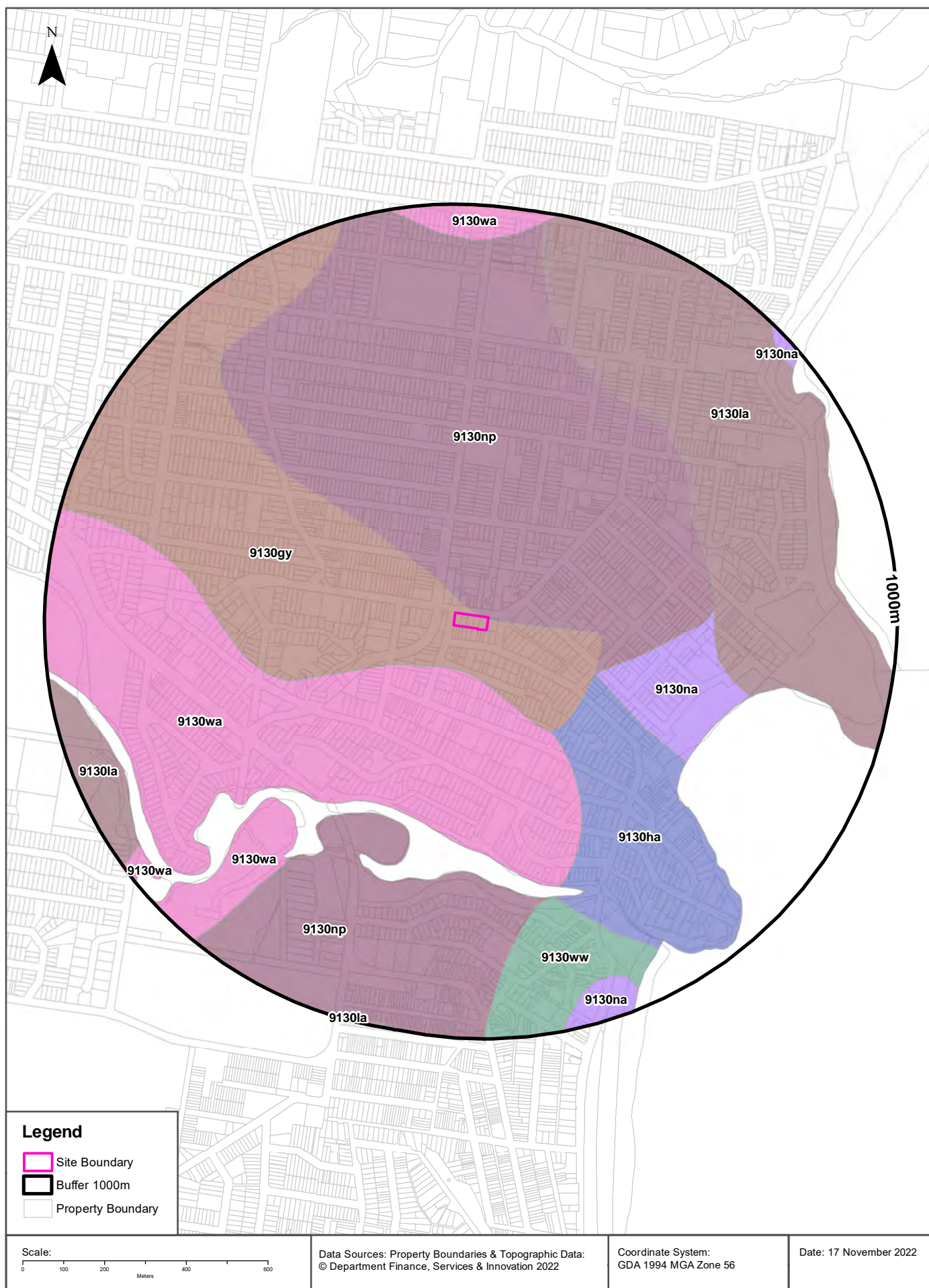
Map Unit Code	Soil Order	Map Unit Description	Distance	Direction
Mb4	Kandosol	Coastal complex: chief soils are acid yellow leached earths (Gn2.74) and (Gn2.34), hard acidic yellow mottled soils (Dy3.41), and hard acidic red soils (Dr2.21). This unit includes headlands and rugged coastal areas of unit Mb2; ridges and slopes of unit Tb35; low-lying coastal areas of unit Cb27; and some swampy areas.	0m	On-site

Atlas of Australian Soils Data Source: CSIRO

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# Soil Landscapes of Central and Eastern NSW

10-28 Lawrence Street, Freshwater, NSW 2096



## Soils

10-28 Lawrence Street, Freshwater, NSW 2096

### Soil Landscapes of Central and Eastern NSW

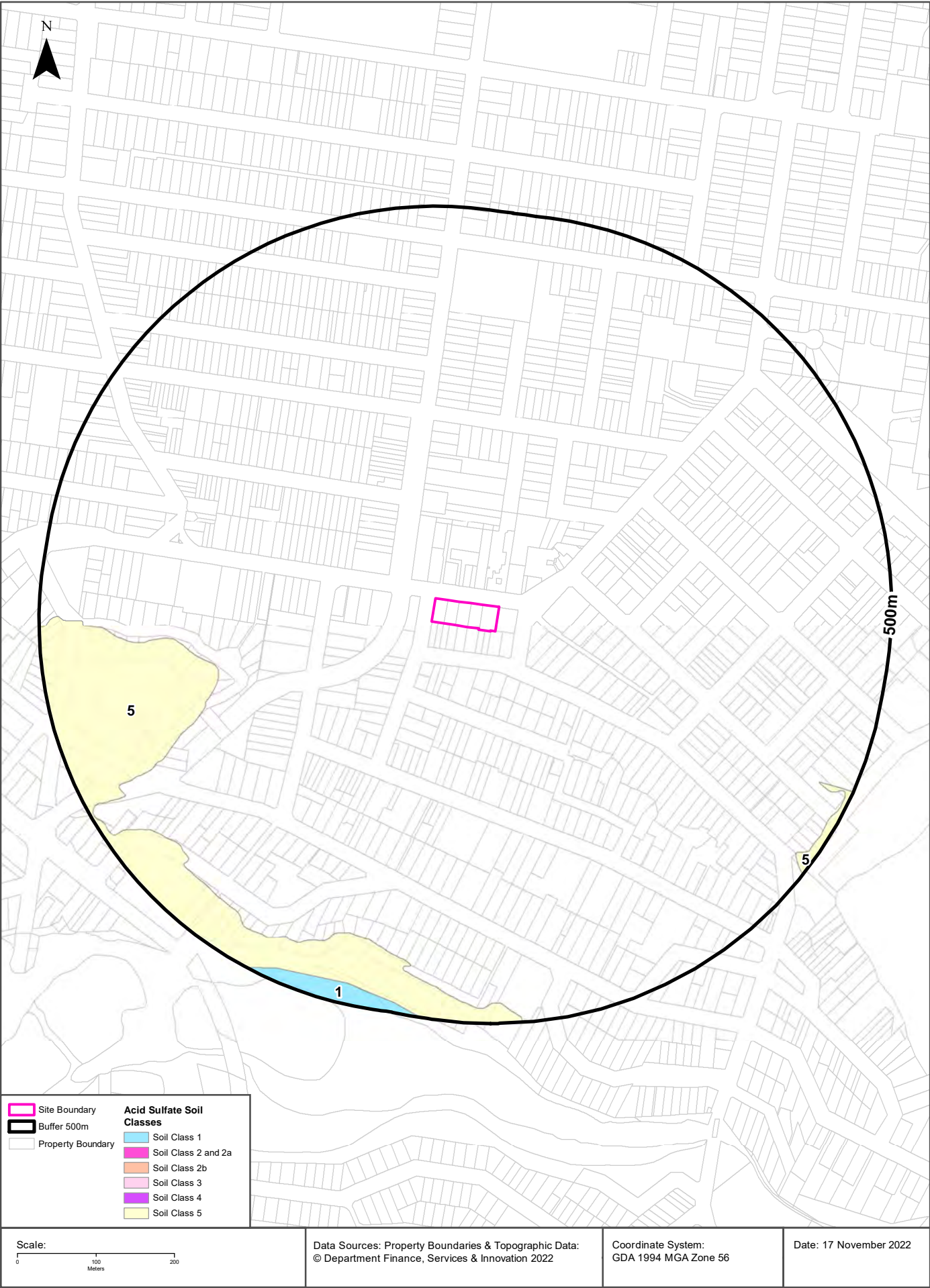
Soil Landscapes of Central and Eastern NSW within the dataset buffer:

Soil Code	Name	Distance	Direction
<a href="#">9130gy</a>	Gymea	0m	On-site
<a href="#">9130np</a>	Newport	0m	On-site
<a href="#">9130wa</a>	Warriewood	105m	South West
<a href="#">9130ha</a>	Hawkesbury	284m	South East
<a href="#">9130na</a>	Narrabeen	284m	East
<a href="#">9130la</a>	Lambert	550m	North East
<a href="#">9130ww</a>	Woy Woy	671m	South

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

10-28 Lawrence Street, Freshwater, NSW 2096



## Acid Sulfate Soils

10-28 Lawrence Street, Freshwater, NSW 2096

### Environmental Planning Instrument - Acid Sulfate Soils

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

Soil Class	Description	EPI Name
N/A		

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

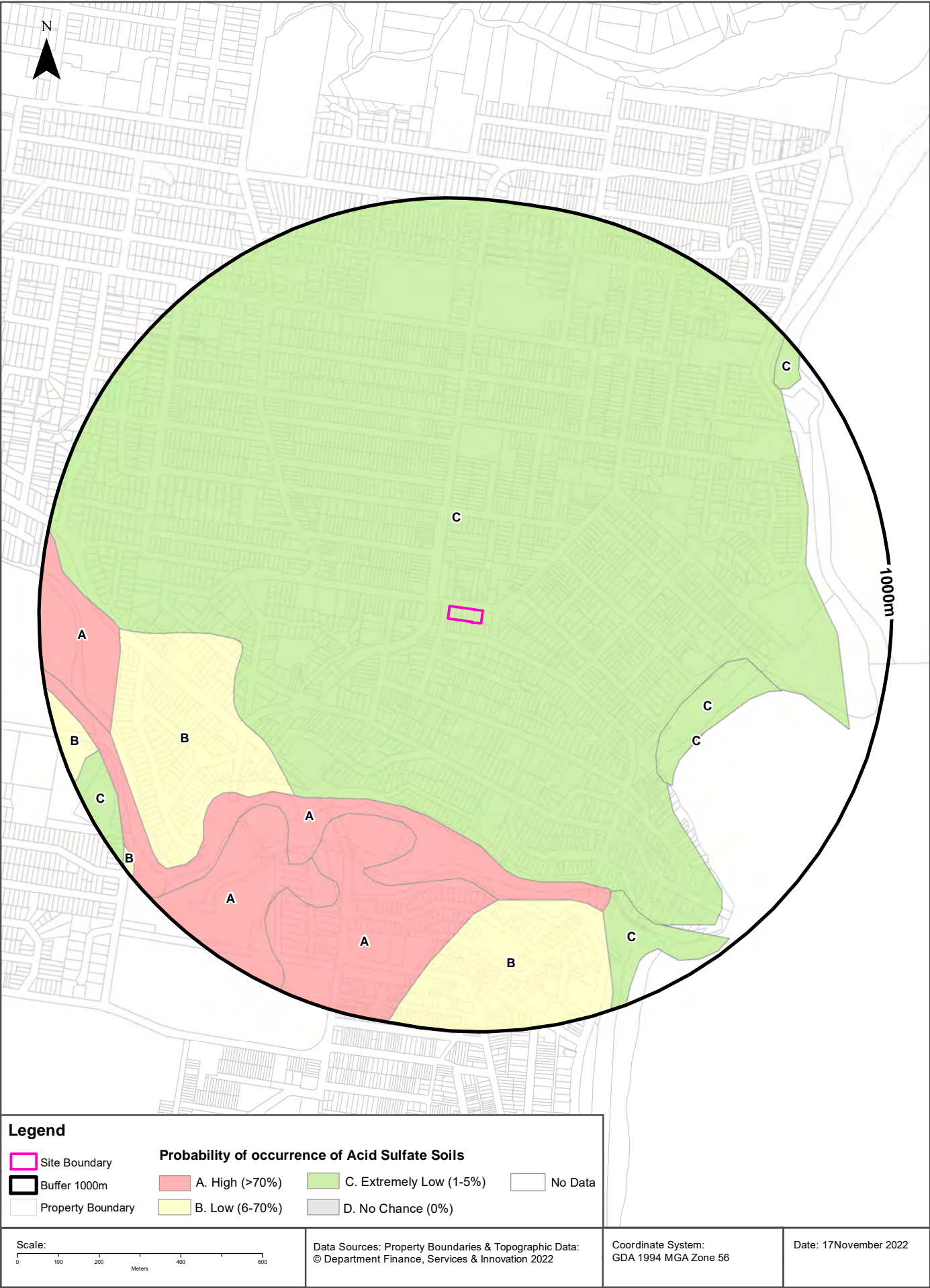
Soil Class	Description	EPI Name	Distance	Direction
N/A				

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# Atlas of Australian Acid Sulfate Soils

10-28 Lawrence Street, Freshwater, NSW 2096



## Acid Sulfate Soils

10-28 Lawrence Street, Freshwater, NSW 2096

### 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
A	High Probability of occurrence. >70% chance of occurrence.	474m	South West
B	Low Probability of occurrence. 6-70% chance of occurrence.	678m	South

Atlas of Australian Acid Sulfate Soils Data Source: CSIRO

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## Dryland Salinity

10-28 Lawrence Street, Freshwater, NSW 2096

### 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

10-28 Lawrence Street, Freshwater, NSW 2096

### 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

10-28 Lawrence Street, Freshwater, NSW 2096



## Mining

10-28 Lawrence Street, Freshwater, NSW 2096

### 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

10-28 Lawrence Street, Freshwater, NSW 2096

### Historical Mining & Exploration Titles

Historical Mining & Exploration Titles within the dataset buffer:

Title Ref	Holder	Start Date	End Date	Resource	Minerals	Dist	Dir
PEL0463	DART ENERGY (APOLLO) PTY LTD	20091010	20150603	PETROLEUM	Petroleum	0m	On-site
PEL463	DART ENERGY (APOLLO) PTY LTD			MINERALS		0m	On-site
PEL5	AGL UPSTREAM INVESTMENTS PTY LIMITED			MINERALS		0m	On-site
PEL0198	JOHN STREVS (TERRIGAL) NL			PETROLEUM	Petroleum	0m	On-site
PEL0279	THE ELECTRICITY COMMISSION OF NSW (TRADING AS PACIFIC POWER)	19910504	19931111	PETROLEUM	Petroleum	0m	On-site
PSPAUTH17	MACQUARIE ENERGY PTY LTD	20070803	20080703	PETROLEUM	Petroleum	0m	On-site
EL0078	CONTINENTAL OIL CO OF AUSTRALIA LIMITED	19670201	19680201	MINERALS		0m	On-site
PEL0102	AUSTRALIAN OIL AND GAS CORPORATION LTD			PETROLEUM	Petroleum	0m	On-site
PEL0210	THE AUSTRALIAN GAS LIGHT COMPANY (AGL), NORTH BULLI COLLIERIES PTY LTD			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
PEP0002	LASKAN MINERALS LTD			PETROLEUM	Petroleum	571m	East
PEL0070	SHELL DEVELOPMENT (AUST) PTY LTD			PETROLEUM	Petroleum	869m	East

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

# State Environmental Planning Policy

10-28 Lawrence Street, Freshwater, NSW 2096

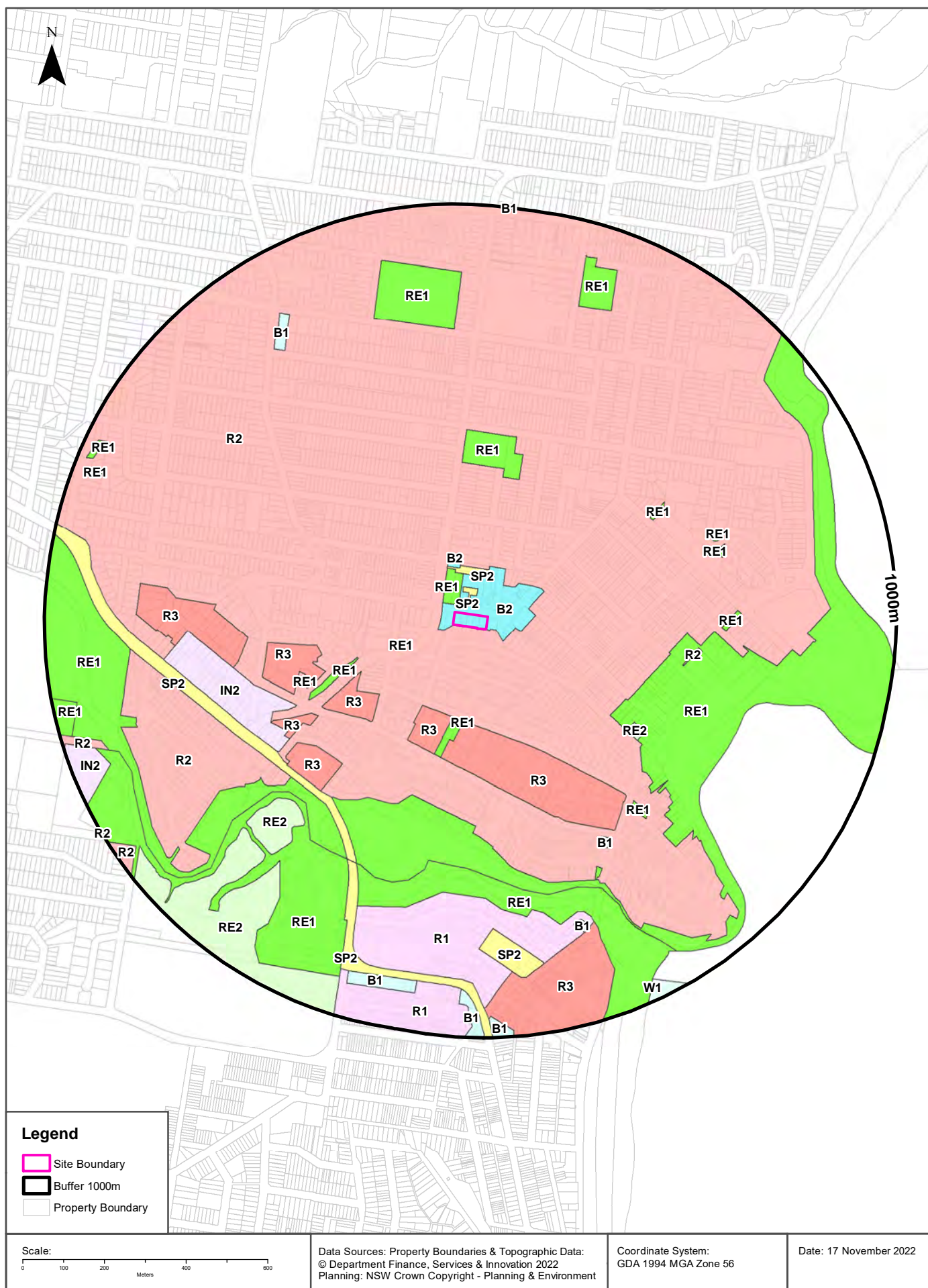
## State Significant Precincts

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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**10-28 Lawrence Street, Freshwater, NSW 2096**



# Environmental Planning Instrument

10-28 Lawrence Street, Freshwater, NSW 2096

## Land Zoning

What EPI Land Zones exist within the dataset buffer?

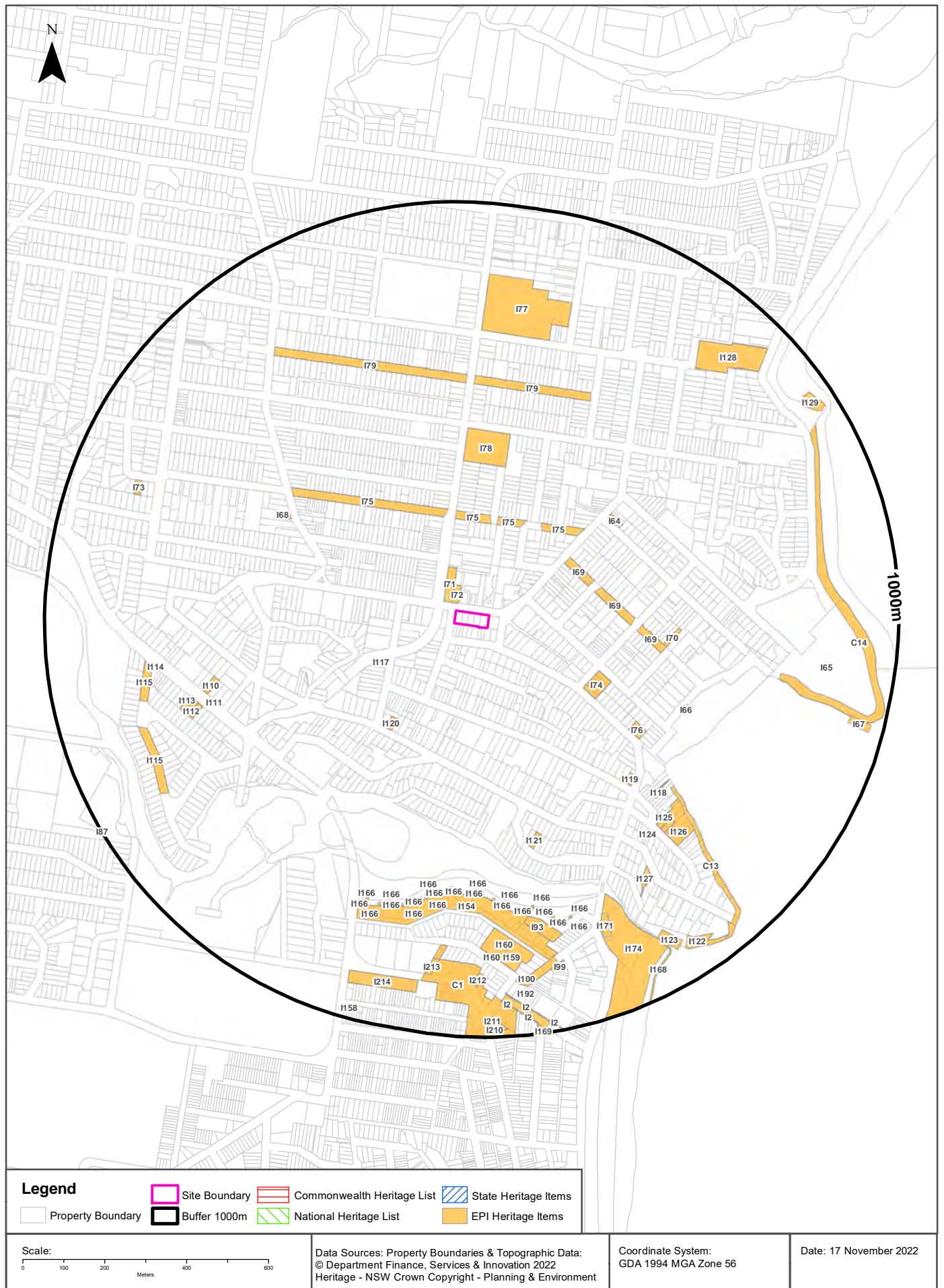
Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
B2	Local Centre		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		0m	On-site
R2	Low Density Residential		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		0m	North
SP2	Infrastructure	Car Park	Warringah Local Environmental Plan 2011	11/09/2020	11/09/2020	11/09/2020	Amendment No 24	20m	North
RE1	Public Recreation		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020	Amendment No 24	20m	North West
SP2	Infrastructure	Car Park	Warringah Local Environmental Plan 2011	11/09/2020	11/09/2020	11/09/2020	Amendment No 24	95m	North
B2	Local Centre		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		108m	North
RE1	Public Recreation		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		115m	West
R3	Medium Density Residential		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		212m	South
RE1	Public Recreation		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		224m	South
R3	Medium Density Residential		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		229m	South
RE1	Public Recreation		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		247m	South West
R3	Medium Density Residential		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		249m	South West
R3	Medium Density Residential		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		330m	West
RE1	Public Recreation		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		344m	North
RE1	Public Recreation		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		369m	South East
RE1	Public Recreation		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		383m	West
R3	Medium Density Residential		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		398m	South West
RE2	Private Recreation		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		423m	South East
IN2	Light Industrial		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		431m	West
R3	Medium Density Residential		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		436m	South West
RE1	Public Recreation		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		464m	North East
R2	Low Density Residential		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		488m	East
R3	Medium Density Residential		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		503m	West
SP2	Infrastructure	Classified Road	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		517m	West
RE1	Public Recreation		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		539m	West
R2	Low Density Residential		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		545m	South West
RE1	Public Recreation		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		552m	South East
RE1	Public Recreation		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		552m	East

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
RE1	Public Recreation		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018		567m	South West
RE1	Public Recreation		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		572m	East
RE1	Public Recreation		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		579m	East
B1	Neighbourhood Centre		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		579m	South East
RE1	Public Recreation		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018		581m	South
RE2	Private Recreation		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018		582m	South West
SP2	Infrastructure	Classified Road	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018		631m	South
R1	General Residential		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018		650m	South
RE1	Public Recreation		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		693m	North
RE2	Private Recreation		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018		712m	South West
SP2	Infrastructure	Educational Establishment	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018		732m	South
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018		747m	South
R3	Medium Density Residential		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018		762m	South
B1	Neighbourhood Centre		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		764m	North West
RE1	Public Recreation		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		793m	North
R1	General Residential		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018		875m	South
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018		875m	South
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018		882m	South
R2	Low Density Residential		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		897m	South West
IN2	Light Industrial		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		905m	West
RE1	Public Recreation		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		928m	West
RE1	Public Recreation		Warringah Local Environmental Plan 2011	07/02/2014	07/02/2014	11/09/2020	Amendment No 4	940m	West
RE1	Public Recreation		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		945m	North West
W1	Natural Waterways		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018		947m	South East
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018		947m	South
B1	Neighbourhood Centre		Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	11/09/2020		1000m	North

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# Heritage Items

10-28 Lawrence Street, Freshwater, NSW 2096



## Heritage

10-28 Lawrence Street, Freshwater, NSW 2096

### 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
I72	Building known as Early Childhood Health Centre	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	20m	North West
I71	Building known as Harbord Literary Institute	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	25m	North West
I117	House	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	188m	South West

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I69	Street Trees	Item - Landscape	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	222m	North East
I75	Street Trees	Item - Landscape	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	223m	North
I75	Street Trees	Item - Landscape	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	233m	North West
I75	Street Trees	Item - Landscape	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	243m	North East
I69	Street Trees	Item - Landscape	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	262m	East
I120	House	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	272m	South West
I74	Harbord Beach Hotel	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	275m	South East
I69	Street Trees	Item - Landscape	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	360m	East
I78	Jacka Park Memorial Garden	Item - Landscape	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	364m	North
I64	Harbord Uniting Church	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	374m	North East
I76	Freshwater Restaurant	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	423m	South East
I70	House known as 'Felicita'	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	429m	East
I68	House known as 'Melrose'	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	462m	North West
I119	Pandanas Art Gallery & Cafe	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	496m	South East
I121	Property known as San Marino	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	511m	South
I66	Freshwater Surf Life Saving Club	Item - General	Local	Warringah Local Environmental Plan 2011	30/05/2014	30/05/2014	30/06/2017	513m	South East
I79	Street Trees	Item - Landscape	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	555m	North
I79	Street Trees	Item - Landscape	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	559m	North
I118	House	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	568m	South East
I110	Shop Building known as Prime Cleaning Supplier Pty Ltd	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	591m	West
C13	Coastal Cliffs	Conservation Area - Landscape	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	593m	South East
I126	Freshwater View Reserve	Item - Landscape	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	622m	South East
I125	rear sandstone retaining wall & sandstone access stairs	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	629m	South East

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	638m	South
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	643m	South
I124	front sandstone wall & rear retaining wall	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	644m	South East
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	645m	South
I111	House	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	647m	West
I154	Group of 2 storey residential flat buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	650m	South
I112	House	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	654m	West
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	656m	South
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	659m	South
I113	House	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	662m	West
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	665m	South
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	668m	South
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	674m	South
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	675m	South
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	683m	South
I77	Harbord Public School	Item - General	Local	Warringah Local Environmental Plan 2011	30/05/2014	30/05/2014	30/06/2017	685m	North
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	686m	South
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	687m	South
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	693m	South
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	695m	South

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	697m	South
I127	House	Item - General	Local	Warringah Local Environmental Plan 2011	30/05/2014	30/05/2014	30/06/2017	698m	South East
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	700m	South
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	701m	South
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	702m	South
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	703m	South
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	706m	South
I174	Beach Reserve, Merrett Park North Steyne and South Steyne	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	709m	South East
I93	Group of 2 storey residential flat buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	710m	South
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	713m	South
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	719m	South
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	722m	South
C14	Coastal Cliffs	Conservation Area - Landscape	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	722m	East
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	730m	South
I159	Convent of The Good Samaritan: Stella Maris	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	732m	South
I114	Bus Shelter	Item - General	Local	Warringah Local Environmental Plan 2011	30/05/2014	30/05/2014	30/06/2017	734m	West
I166	Row of Norfolk Island Pine trees (Araucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	736m	South
I115	Street Trees	Item - Landscape	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	747m	West
I171	Queenscliff Surf Club	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	752m	South East
I160	2 Moreton Bay Fig trees (Ficus macrophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	770m	South
C1	The Pittwater Road Conservation Area	Conservation Area - General	Local	Manly Local Environmental Plan 2013	09/10/2015	09/10/2015	02/11/2018	781m	South

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I128	Building known as Stewart House	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	785m	North East
I160	2 Moreton Bay Fig trees (Ficus macrophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	785m	South
I115	Street Trees	Item - Landscape	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	790m	South West
I213	Sewage pumping station No 37	Item - General	Local	Manly Local Environmental Plan 2013	02/11/2018	02/11/2018	02/11/2018	817m	South
I100	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	820m	South
I73	House	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	822m	West
I65	Duke statue	Item - General	Local	Warringah Local Environmental Plan 2011	30/05/2014	30/05/2014	30/06/2017	827m	East
I99	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	832m	South
I212	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	842m	South
I123	Queenscliff rock Pool	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	850m	South East
I214	Former tram depot complex and associated buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	875m	South
I168	Ocean foreshores	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	879m	South East
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	892m	South
I122	Queenscliff Tunnel	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	895m	South East
I192	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	896m	South
I67	Freshwater Rock Pool	Item - General	Local	Warringah Local Environmental Plan 2011	30/05/2014	30/05/2014	30/06/2017	909m	East
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	909m	South
I129	South Curl Curl Pool	Item - General	Local	Warringah Local Environmental Plan 2011	30/05/2014	30/05/2014	30/06/2017	920m	North East
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	942m	South
I211	Group of commercial buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	952m	South
I210	Commercial building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	965m	South
I158	Sewerage Pumping Station No 36	Item - General	Local	Manly Local Environmental Plan 2013	02/11/2018	02/11/2018	02/11/2018	966m	South
I169	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	974m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	986m	South

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I87	Former Ridley House	Item - General	Local	Warringah Local Environmental Plan 2011	09/12/2011	09/12/2011	30/06/2017	997m	South West

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## Natural Hazards

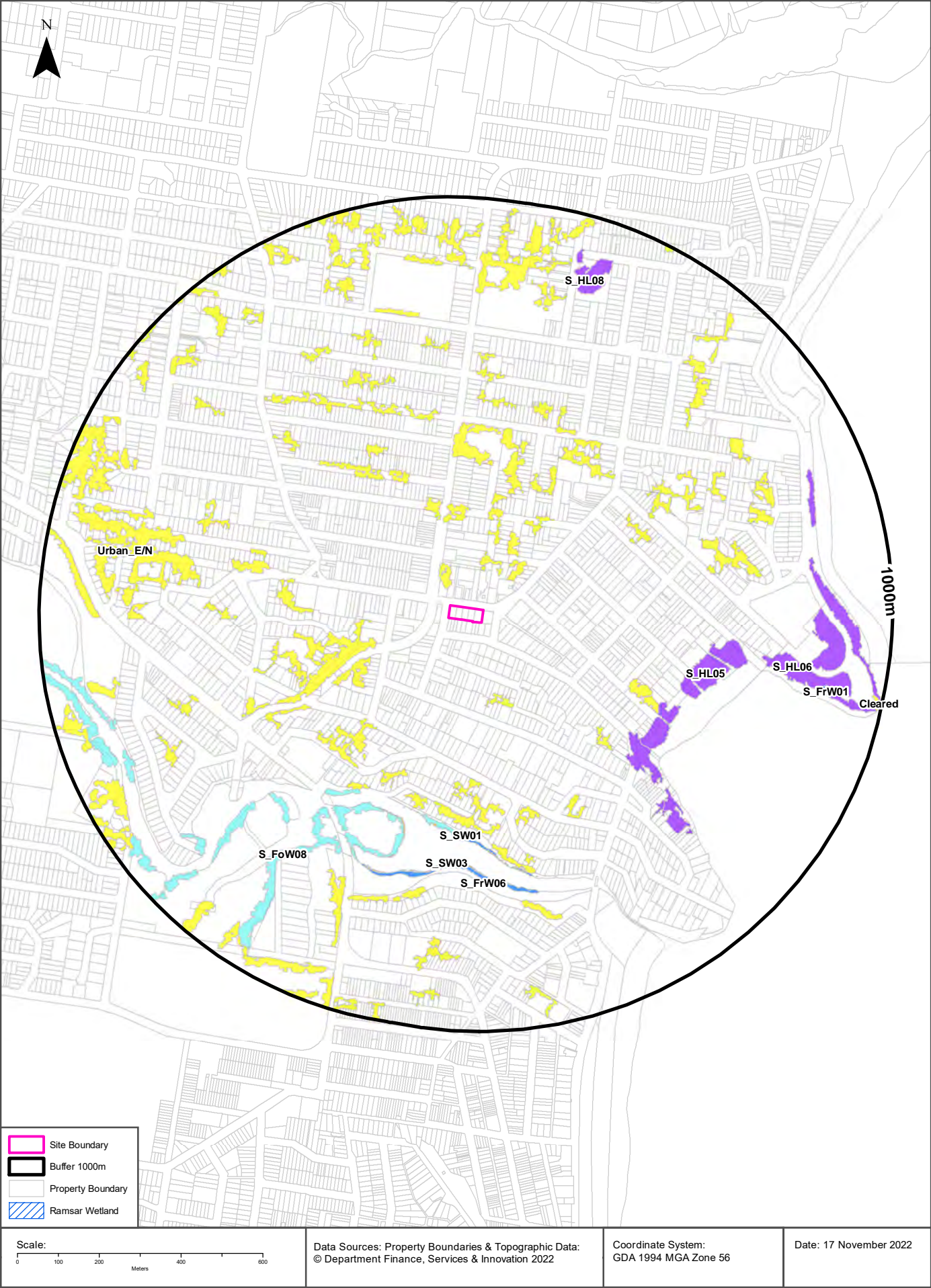
10-28 Lawrence Street, Freshwater, NSW 2096

### 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
No records in buffer		

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



## Ecological Constraints

10-28 Lawrence Street, Freshwater, NSW 2096

## Native Vegetation

What native vegetation exists within the dataset buffer?

Map ID	Map Unit Name	Threatened Ecological Community NSW	Threatened Ecological Community EPBC Act	Understorey	Disturbance	Disturbance Index	Dominant Species	Dist	Dir
Urban_E/N	Urban_E/N: Urban Exotic/Native			00: Not assessed	00: Not assessed	0: Not assessed	Urban Exotic/Native	44m	North West
S_HL06	S_HL06: Coastal Headland Banksia Heath			20: Weeds and exotics	15: Regrowth	2: Moderate	B.ericifolia/A.distyla/D.fascicularis/M.nodosa	447m	South East
S_FoW08	S_FoW08: Estuarine Swamp Oak Forest	Swamp Oak Floodplain Forest		15: Grassy natives and exotics	20: Previously cleared 1943	3: High	C.glauca	473m	South West
S_SW03	S_SW03: Seagrass Meadows			00: Not assessed	00: Not assessed	0: Not assessed	Seagrass (DPI)	475m	South
S_HL05	S_HL05: Coastal Fore-dune Wattle Scrub			12: Dry xeric shrubs	20: Previously cleared 1943	3: High	B.integrifolia/L.laevigatum/M.elliptica	476m	South East
S_SW01	S_SW01: Estuarine Mangrove Forest			00: Not assessed	00: Not assessed	0: Not assessed	Mangroves	477m	South
S_FoW08	S_FoW08: Estuarine Swamp Oak Forest	Swamp Oak Floodplain Forest		18: Swampy sedges, shrubs, ferns and herbs	20: Previously cleared 1943	3: High	C.glauca	484m	South
S_FrW06	S_FrW06: Estuarine Reedland	Swamp Oak Floodplain Forest		00: Not assessed	00: Not assessed	0: Not assessed	P.australis/B.juncus	525m	South
S_HL06	S_HL06: Coastal Headland Banksia Heath			19: Dense heath	15: Regrowth	1: Low	B.ericifolia/A.distyla/D.fascicularis/M.nodosa	613m	South East
S_HL08	S_HL08: Coastal Sandstone Heath-Mallee			19: Dense heath	20: Previously cleared 1943	2: Moderate	A.distyla/B.ericifolia/Leptospermum spp/A.hispida	812m	North
S_HL06	S_HL06: Coastal Headland Banksia Heath			19: Dense heath	15: Regrowth	2: Moderate	B.ericifolia/A.distyla/D.fascicularis/M.nodosa	825m	East
S_FrW01	S_FrW01: Coastal Upland Damp Heath Swamp	Coastal Upland Swamp		18: Swampy sedges, shrubs, ferns and herbs	11: Roads/trails	1: Low	Gleichenia spp/S.virginicus/Acacia spp.	847m	East
Cleared	Cleared			00: Not assessed	00: Not assessed	0: Not assessed	Cleared	969m	East

Native Vegetation of the Sydney Metropolitan Area : NSW Office of Environment and Heritage

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## Ramsar Wetlands

What Ramsar Wetland areas exist within the dataset buffer?

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

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

## Ecological Constraints

10-28 Lawrence Street, Freshwater, NSW 2096

### Groundwater Dependent Ecosystems Atlas

Type	GDE Potential	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
N/A	No records in buffer					

Groundwater Dependent Ecosystems Atlas Data Source: The Bureau of Meteorology  
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## Ecological Constraints

10-28 Lawrence Street, Freshwater, NSW 2096

### Inflow Dependent Ecosystems Likelihood

Type	IDE Likelihood	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
N/A	No records in buffer					

Inflow Dependent Ecosystems Likelihood Data Source: The Bureau of Meteorology

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# Ecological Constraints

10-28 Lawrence Street, Freshwater, NSW 2096

## 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	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	Anous stolidus	Common Noddy	Not Listed	Not Sensitive	Not Listed	CAMBA;JAMBA
Animalia	Aves	Anseranas semipalmata	Magpie Goose	Vulnerable	Not Sensitive	Not Listed	
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	Arenaria interpres	Ruddy Turnstone	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 alba	Sanderling	Vulnerable	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	Calonectris leucomelas	Streaked Shearwater	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calyptorhynchus banksii banksii	Red-tailed Black-Cockatoo (coastal subspecies)	Critically Endangered	Category 2	Not Listed	
Animalia	Aves	Calyptorhynchus banksii samueli	Red-tailed Black-Cockatoo (inland subspecies)	Vulnerable	Category 2	Not Listed	
Animalia	Aves	Calyptorhynchus lathami	Glossy Black-Cockatoo	Vulnerable	Category 2	Vulnerable	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
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	Chlidonias leucopterus	White-winged Black Tern	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Chthonicola sagittata	Speckled Warbler	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Climacteris picumnus victoriae	Brown Treecreeper (eastern subspecies)	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	Esacus magnirostris	Beach Stone-curlew	Critically Endangered	Not Sensitive	Not Listed	
Animalia	Aves	Eudyptula minor	Little Penguin	Endangered Population	Not Sensitive	Not Listed	
Animalia	Aves	Falco subniger	Black Falcon	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Fregata ariel	Lesser Frigatebird	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
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	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	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	Ixobrychus flavicollis	Black Bittern	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Lathamus discolor	Swift Parrot	Endangered	Not Sensitive	Critically Endangered	
Animalia	Aves	Limosa lapponica	Bar-tailed Godwit	Not Listed	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	Macronectes halli	Northern Giant-Petrel	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Aves	Menura alberti	Albert's Lyrebird	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Neophema pulchella	Turquoise Parrot	Vulnerable	Category 3	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
Animalia	Aves	Numenius phaeopus	Whimbrel	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	<i>Onychoprion fuscata</i>	Sooty Tern	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Oxyura australis</i>	Blue-billed Duck	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Pachycephala olivacea</i>	Olive Whistler	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Pandion cristatus</i>	Eastern Osprey	Vulnerable	Category 3	Not Listed	
Animalia	Aves	<i>Petroica boodang</i>	Scarlet Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Phaethon lepturus</i>	White-tailed Tropicbird	Not Listed	Not Sensitive	Not Listed	CAMBA;JAMBA
Animalia	Aves	<i>Phaethon rubricauda</i>	Red-tailed Tropicbird	Vulnerable	Not Sensitive	Not Listed	CAMBA;JAMBA
Animalia	Aves	<i>Philomachus pugnax</i>	Ruff	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	<i>Phoebastria fusca</i>	Sooty Albatross	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Aves	<i>Pluvialis fulva</i>	Pacific Golden Plover	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	<i>Pluvialis squatarola</i>	Grey Plover	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	<i>Pterodroma leucoptera leucoptera</i>	Gould's Petrel	Vulnerable	Not Sensitive	Endangered	
Animalia	Aves	<i>Pterodroma solandri</i>	Providence Petrel	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Ptilinopus magnificus</i>	Wompoo Fruit-Dove	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Ptilinopus regina</i>	Rose-crowned Fruit-Dove	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Ptilinopus superbus</i>	Superb Fruit-Dove	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Puffinus assimilis</i>	Little Shearwater	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Rostratula australis</i>	Australian Painted Snipe	Endangered	Not Sensitive	Endangered	
Animalia	Aves	<i>Stagonopleura guttata</i>	Diamond Firetail	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Stercorarius longicaudus</i>	Long-tailed Jaeger	Not Listed	Not Sensitive	Not Listed	CAMBA;JAMBA
Animalia	Aves	<i>Stercorarius maccormicki</i>	South Polar Skua	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	<i>Stercorarius parasiticus</i>	Arctic Jaeger	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	<i>Stercorarius pomarinus</i>	Pomarine Jaeger	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	<i>Sterna hirundo</i>	Common Tern	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	<i>Sternula albifrons</i>	Little Tern	Endangered	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	<i>Stictonetta naevosa</i>	Freckled Duck	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Sula dactylatra</i>	Masked Booby	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	<i>Sula leucogaster</i>	Brown Booby	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	<i>Thalassarche bulleri</i>	Buller's Albatross	Not Listed	Not Sensitive	Vulnerable	
Animalia	Aves	<i>Thalassarche cauta</i>	Shy Albatross	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Aves	<i>Thalassarche melanophris</i>	Black-browed Albatross	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Aves	<i>Thalasseus bergii</i>	Crested Tern	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	<i>Thinornis cucullatus cucullatus</i>	Eastern Hooded Dotterel	Critically Endangered	Not Sensitive	Vulnerable	
Animalia	Aves	<i>Todiramphus chloris</i>	Collared Kingfisher	Vulnerable	Not Sensitive	Not Listed	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	Tringa brevipes	Grey-tailed Tattler	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Tringa incana	Wandering Tattler	Not Listed	Not Sensitive	Not Listed	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	Tyto novaehollandiae	Masked Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Tyto tenebrosa	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	
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	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	Perameles nasuta	Long-nosed Bandicoot	Endangered Population	Not Sensitive	Not Listed	
Animalia	Mammalia	Petaurus norfolcensis	Squirrel Glider	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Petrogale penicillata	Brush-tailed Rock-wallaby	Endangered	Not Sensitive	Vulnerable	
Animalia	Mammalia	Phascolarctos cinereus	Koala	Endangered	Not Sensitive	Endangered	
Animalia	Mammalia	Physeter macrocephalus	Sperm Whale	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Pseudomys novaehollandiae	New Holland Mouse	Not Listed	Not Sensitive	Vulnerable	
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 troungtoni	Eastern Cave Bat	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	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Reptilia	Dermochelys coriacea	Leatherback Turtle	Endangered	Not Sensitive	Endangered	
Animalia	Reptilia	Eretmochelys imbricata	Hawksbill Turtle	Not Listed	Not Sensitive	Vulnerable	
Animalia	Reptilia	Myuchelys bellii	Western Sawshelled Turtle, Bell's Turtle	Endangered	Not Sensitive	Vulnerable	
Animalia	Reptilia	Tiliqua occipitalis	Western Blue-tongued Lizard	Vulnerable	Not Sensitive	Not Listed	
Animalia	Reptilia	Uvidicolus sphyrurus	Border Thick-tailed Gecko	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Reptilia	Varanus rosenbergi	Rosenberg's Goanna	Vulnerable	Not Sensitive	Not Listed	
Fungi	Flora	Hygrocybe reesiaae		Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Acacia bynoeana	Bynoe's Wattle	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Acacia terminalis subsp. Eastern Sydney	Sunshine wattle	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Allocasuarina portuensis	Nielsen Park She-oak	Endangered	Category 3	Endangered	
Plantae	Flora	Asterolasia buxifolia		Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Baekkea kandos		Endangered	Category 3	Endangered	
Plantae	Flora	Caladenia tessellata	Thick Lip Spider Orchid	Endangered	Category 2	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	Darwinia biflora		Vulnerable	Not Sensitive	Vulnerable	
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 nicholii	Narrow-leaved Black Peppermint	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Eucalyptus scoparia	Wallangarra White Gum	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Euphrasia collina subsp. muelleri	Mueller's Eyebright	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Genoplesium baueri	Bauer's Midge Orchid	Endangered	Category 2	Endangered	
Plantae	Flora	Grammitis stenophylla	Narrow-leaf Finger Fern	Endangered	Category 3	Not Listed	
Plantae	Flora	Grevillea caleyi	Caley's Grevillea	Critically Endangered	Category 3	Critically Endangered	
Plantae	Flora	Haloragodendron lucasii		Endangered	Not Sensitive	Endangered	
Plantae	Flora	Hibbertia puberula		Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Hibbertia superans		Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Isotoma fluviatilis subsp. fluviatilis		Not Listed	Category 3	Extinct	
Plantae	Flora	Lasiopetalum joyceae		Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Macadamia integrifolia	Macadamia Nut	Not Listed	Not Sensitive	Vulnerable	
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	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Plantae	Flora	<i>Microtis angusii</i>	Angus's Onion Orchid	Endangered	Category 2	Endangered	
Plantae	Flora	<i>Persoonia hirsuta</i>	Hairy Geebung	Endangered	Category 3	Endangered	
Plantae	Flora	<i>Persoonia laxa</i>		Extinct	Not Sensitive	Extinct	
Plantae	Flora	<i>Pimelea curviflora</i> var. <i>curviflora</i>		Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Prasophyllum fuscum</i>	Slaty Leek Orchid	Critically Endangered	Category 2	Vulnerable	
Plantae	Flora	<i>Prostanthera densa</i>	Villous Mint-bush	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Prostanthera marifolia</i>	Seaforth Mintbush	Critically Endangered	Category 3	Critically Endangered	
Plantae	Flora	<i>Rhodamnia rubescens</i>	Scrub Turpentine	Critically Endangered	Not Sensitive	Critically Endangered	
Plantae	Flora	<i>Sarcophilus hartmannii</i>	Hartman's Sarcophilus	Vulnerable	Category 2	Vulnerable	
Plantae	Flora	<i>Senecio spathulatus</i>	Coast Groundsel	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	<i>Syzygium paniculatum</i>	Magenta Lilly Pilly	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Tetradlea glandulosa</i>		Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	<i>Tetradlea juncea</i>	Black-eyed Susan	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Thesium australe</i>	Austral Toadflax	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Triplarina imbricata</i>	Creek Triplarina	Endangered	Not Sensitive	Endangered	

Data does not include NSW category 1 sensitive species.

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## Location Confidences

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

LC Code	Location Confidence
Premise Match	Georeferenced to the site location / premise or part of site
Area Match	Georeferenced to an approximate or general area
Road Match	Georeferenced to a road or rail corridor
Road Intersection	Georeferenced to a road intersection
Buffered Point	A point feature buffered to x metres
Adjacent Match	Land adjacent to a georeferenced feature
Network of Features	Georeferenced to a network of features
Suburb Match	Georeferenced to a suburb boundary
As Supplied	Spatial data supplied by provider

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