REPORT TO

T&P MANLY LAND PTY LTD

ON

PRELIMINARY SITE INVESTIGATION (PSI)

FOR

PROPOSED MIXED USE DEVELOPMENT

AT

35-39, 40, 41, 42 & 43 BELGRAVE STREET, MANLY, NSW

Date: 30 June 2023
Ref: E35999BTrptRev1

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Executive Summary

T&P Manly Land Pty Ltd (client) commissioned JK Environments (JKE) to undertake a Preliminary Site Investigation (PSI) for the proposed mixed use development at 35-39, 40, 41, 42 & 43 Belgrave Street, Manly, NSW. The purpose of the investigation is to make a preliminary assessment of site contamination. The site location is shown on Figure 1 and the investigation was confined to the site boundaries as shown on Figure 2 attached in the appendices.

This report has been prepared to support the lodgement of a Development Application (DA) for the proposed mixed use development, with regards to Chapter 4 of State Environmental Planning Policy (Resilience and Hazards) 2021[1] (formerly known as SEPP55).

The proposed development is at concept design stage and will likely comprise the construction of a four or five storey building overlying two basement levels. We anticipate that excavation to a maximum depth of approximately 7m below existing surface levels would be required to achieve the lowest basement level. Selected plans issued to JKE are attached in the appendices.

The primary aims of the investigation were to identify any past or present potentially contaminating activities at the site, identify the potential for site contamination, and make a preliminary assessment of the soil and soil vapour contamination conditions. The objectives were to:

- Provide an appraisal of the past site use(s) based on a review of historical records;
- Assess the current site conditions and use(s) via a site walkover inspection;
- Identify potential contamination sources/areas of environmental concern (AEC) and contaminants of potential concern (CoPC);
- Assess the soil and soil vapour contamination conditions via implementation of a preliminary sampling and analysis program;
- Prepare a conceptual site model (CSM);
- Assess the potential risks posed by contamination to the receptors identified in the CSM (Tier 1 assessment);
- Undertaken a preliminary acid sulfate soil (ASS) assessment likely to be disturbed as part of the development;
- Assess whether the site is suitable or can be made suitable for the proposed development (from a contamination viewpoint); and
- Assess whether further intrusive investigation and/or remediation is required.

The scope of work included the following:

- Review of site information, including background and site history information from various sources outlined in the report;
- Review of major services identified by the 'Before You Dig Australia' (BYDA) plans;
- Preparation of a CSM;
- Design and implementation of a sampling, analysis and quality plan (SAQP);
- Interpretation of the analytical results against the adopted Site Assessment Criteria (SAC);
- Data Quality Assessment; and
- Preparation of a report including a Tier 1 risk assessment.

The site information and site inspection identified the following AEC: imported fill material; onsite dry cleaner (Lot 1 in DP100633); use of pesticides; hazardous building materials; and off-site land uses (including dry cleaners and motor garages/service stations). Soil sampling was undertaken from two boreholes, and soil vapour sampling from three sub-slab vapour pins targeted at the dry cleaner site. The sampling locations are shown on Figures 2 and 3.

The boreholes encountered fill materials to depths of approximately 0.6m to 1.3m below ground level (BGL), underlain by sandy marine soils. A selection of soil and soil vapour samples were analysed for the CoPC identified in the CSM. Zinc was identified in fill soils at concentrations that exceeded the ecological SAC. Concentrations of individual volatile organic compounds (VOCs): trichloroethylene (TCE) and tetrachloroethylene (PCE) exceeded the human health based SAC in the soil vapour samples. Elevated concentrations, above the SAC, of the remaining CoPC were not encountered above the adopted SAC.

[1] *State Environmental Planning Policy (Resilience and Hazards) 2021* (NSW) (referred to as SEPP Resilience and Hazards 2021)

The Tier 1 risk assessment indicated that there is a potential vapour risk to human health under the current site configuration in regards to the reported TCE and PCE concentrations. The potential risk should be assessed by undertaking a site-specific human health risk assessment (HHRA) (Tier 2 risk assessment).

The PSI has identified contamination that requires future assessment as part of the proposed development of the site. Based on the results of the PSI, JKE recommend the following:

1. Engage a specialist human-health risk assessor to undertake a site-specific HHRA and provide advice regarding the reported soil vapour concentrations identified to mitigate any risks to the existing receptors;
2. Undertake a Detailed Site Investigation (DSI) to better characterise the contamination conditions at the site including any potential groundwater contamination. Due to site access constraints, JKE recommend undertaking the DIS post demolition but prior to removal of slabs and/or any soil disturbance;
3. Based on the results of the DSI and HHRA, prepare a Remediation Action Plan (RAP) for the site; and
4. Preparation of a validation assessment report for the remediation works undertaken at the site.

A Hazardous Building Materials Assessment (HAZMAT) should be undertaken for the existing buildings/structures at the site prior to the commencement of demolition work.

The requirement to report site contamination to the NSW EPA under the NSW EPA Guidelines on the Duty to Report Contamination under Section 60 of the CLM Act 1997 (2015)[2] must be assessed by a suitably qualified consultant following the DSI and HHRA.

The conclusions and recommendations should be read in conjunction with the limitations presented in the body of this report.

NSW EPA, (2015). *Guidelines on the Duty to Report Contamination under Section 60 of the CLM Act 1997* (referred to as Duty to Report Contamination)

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Abbreviations

Asbestos Fines/Fibrous Asbestos	**AF/FA**
Ambient Background Concentrations	**ABC**
Added Contaminant Limits	**ACL**
Asbestos Containing Material	**ACM**
Australian Drinking Water Guidelines	**ADWG**
Area of Environmental Concern	**AEC**
Australian Height Datum	**AHD**
Acid Sulfate Soil	**ASS**
Before You Dig Australia	**BYDA**
Below Ground Level	**BGL**
Benzo(a)pyrene Toxicity Equivalent Factor	**BaP TEQ**
Bureau of Meteorology	**BOM**
Benzene, Toluene, Ethylbenzene, Xylene	**BTEX**
Cation Exchange Capacity	**CEC**
Contaminated Land Management	**CLM**
Contaminant(s) of Potential Concern	**CoPC**
Chain of Custody	**COC**
Conceptual Site Model	**CSM**
Development Application	**DA**
Data Quality Indicator	**DQI**
Data Quality Objective	**DQO**
Detailed Site Investigation	**DSI**
Ecological Investigation Level	**EIL**
Ecological Screening Level	**ESL**
Environment Protection Authority	**EPA**
Health Investigation Level	**HILs**
Health Screening Level	**HSL**
Health Screening Level-Site Specific Assessment	**HSL-SSA**
International Organisation of Standardisation	**ISO**
JK Environments	**JKE**
Lab Control Spike	**LCS**
Light Non-Aqueous Phase Liquid	**LNAPL**
Map Grid of Australia	**MGA**
National Association of Testing Authorities	**NATA**
National Environmental Protection Measure	**NEPM**
Organochlorine Pesticides	**OCP**
Organophosphate Pesticides	**OPP**
Polycyclic Aromatic Hydrocarbons	**PAH**
Potential ASS	**PASS**
Polychlorinated Biphenyls	**PCBs**
Per-and Polyfluoroalkyl Substances	**PFAS**
Photo-ionisation Detector	**PID**
Protection of the Environment Operations	**POEO**
Practical Quantitation Limit	**PQL**
Quality Assurance	**QA**
Quality Control	**QC**
Relative Percentage Difference	**RPD**
Site Assessment Criteria	**SAC**
Sampling, Analysis and Quality Plan	**SAQP**
State Environmental Planning Policy	**SEPP**
Site Specific Assessment	**SSA**
Source, Pathway, Receptor	**SPR**
Standing Water Level	**SWL**

Trip Blank	**TB**
Total Recoverable Hydrocarbons	**TRH**
Trip Spike	**TS**
Upper Confidence Limit	**UCL**
Volatile Organic Compounds	**VOC**
World Health Organisation	**WHO**
Work Health and Safety	**WHS**

Units

Litres	**L**
Metres BGL	**mBGL**
Metres	**m**
Micrograms per Litre	**µg/L**
Milligrams per Kilogram	**mg/kg**
Milligrams per Litre	**mg/L**
Parts Per Million	**ppm**
Percentage	**%**
Percentage weight for weight	**%w/w**

1 INTRODUCTION

T&P Manly Land Pty Ltd (client) commissioned JK Environments (JKE) to undertake a Preliminary Site Investigation (PSI) for the proposed mixed use development at 35-39, 40, 41, 42 & 43 Belgrave Street, Manly, NSW. The purpose of the investigation is to make a preliminary assessment of site contamination. The site location is shown on Figure 1 and the investigation was confined to the site boundaries as shown on Figure 2 attached in the appendices.

This report has been prepared to support the lodgement of a Development Application (DA) for the proposed mixed use development, with regards to Chapter 4 of State Environmental Planning Policy (Resilience and Hazards) 2021[3] (formerly known as SEPP55).

1.1 Proposed Development Details

The proposed development is at concept design stage and will likely comprise the construction of a four or five storey building overlying two basement levels. We anticipate that excavation to a maximum depth of approximately 7m below existing surface levels would be required to achieve the lowest basement level. Selected development plans issued to JKE are attached in the appendices.

1.2 Aims and Objectives

The primary aims of the investigation were to identify any past or present potentially contaminating activities at the site, identify the potential for site contamination, and make a preliminary assessment of the soil and soil vapour contamination conditions. The objectives were to:

- Provide an appraisal of the past site use(s) based on a review of historical records;
- Assess the current site conditions and use(s) via a site walkover inspection;
- Identify potential contamination sources/areas of environmental concern (AEC) and contaminants of potential concern (CoPC);
- Assess the soil and soil vapour contamination conditions via implementation of a preliminary sampling and analysis program;
- Prepare a conceptual site model (CSM);
- Assess the potential risks posed by contamination to the receptors identified in the CSM (Tier 1 assessment);
- Undertaken a preliminary acid sulfate soil (ASS) assessment likely to be disturbed as part of the development;
- Assess whether the site is suitable or can be made suitable for the proposed development (from a contamination viewpoint); and
- Assess whether further intrusive investigation and/or remediation is required.

1.3 Scope of Work

The investigation was undertaken generally in accordance with a JKE proposal (Ref: EP58247BT) of 20 March 2023 and written acceptance from the client of 27 April 2023. The scope of work included the following:

[3] *State Environmental Planning Policy (Resilience and Hazards) 2021* (NSW) (referred to as SEPP Resilience and Hazards 2021)

- Review of site information, including background and site history information from various sources outlined in the report;
- Review of major services identified by the 'Before You Dig Australia' (BYDA) plans;
- Preparation of a CSM;
- Design and implementation of a sampling, analysis and quality plan (SAQP);
- Interpretation of the analytical results against the adopted Site Assessment Criteria (SAC);
- Data Quality Assessment; and
- Preparation of a report including a Tier 1 risk assessment.

The scope of work was undertaken with reference to the National Environmental Protection (Assessment of Site Contamination) Measure 1999 as amended (2013)[4], other guidelines made under or with regards to the Contaminated Land Management Act (1997)[5] and SEPP Resilience and Hazards 2021.

A list of reference documents/guidelines is included in the appendices.

[4] National Environment Protection Council (NEPC), (2013). *National Environmental Protection (Assessment of Site Contamination) Measure 1999 (as amended 2013).* (referred to as NEPM 2013)

[5] Contaminated Land Management Act 1997 (NSW) (referred to as CLM Act 1997)

2 SITE INFORMATION

2.1 Site Identification

Table 2-1: Site Identification

Current Site Owner (certificate of title):	The Owners – Strata Plan No. 14133 (CP in SP14133) Torjonic investments Pty Ltd (Lot 1 in DP100633) Naomand Developments Pty Ltd (Lot 1 in DP104766) Reginald John Forster (Lot 1 in DP34395 and Lot 1 in DP719821)
Site Address:	35-39, 40, 41, 42 & 43 Belgrave Street, Manly, NSW
Lot & Deposited Plan:	SP 14133 (35-39 Belgrave Street) Lot 1 in DP100633 (40 Belgrave Street) Lot 1 in DP104766 (41 Belgrave Street) Lot 1 in DP34395 (42 Belgrave Street) Lot 1 in DP719821 (43 Belgrave Street)
Current Land Use:	Mixed use (residential and commercial)
Proposed Land Use:	Ongoing mixed use (residential and commercial)
Local Government Authority:	Northern Beaches Council
Current Zoning:	E1: Local Centre
Site Area (m^2) (approx.):	1,100
RL (AHD in m) (approx.):	10-11
Geographical Location (decimal degrees) (approx.):	Latitude: -33.795884276 Longitude: 151.28556130
Site Plans:	Appendix A

2.2 Site Location and Regional Setting

The site is located in a mixed use (commercial/recreational) area of Manly and is bound by Belgrave Street to the west, Raglan Street to the north and Whistler Street to the east (see Figure 1). The site is located approximately 250m west of Manly Beach.

2.3 Topography

The site is located within relatively flat terrain beyond the toe of an east facing hillside. Manly Beach and Manly Cove are located approximately 200m to the east and 400m to the south-west of the site, respectively.

2.4 Site Inspection

A walkover inspection of the site was undertaken by JKE on 20 April 2023. The inspection was limited to accessible areas of the site and immediate surrounds. A limited internal inspection of 35-39 and 40 Belgrave Street was undertaken during the site inspection. It should be noted that access was only provided to the

ground floor within these buildings at the time of inspection. Selected site photographs obtained during the inspection are attached in the appendices. A summary of the inspection findings is outlined in the following subsections:

2.4.1 Current Site Use and/or Indicators of Former Site Use

At the time of the inspection, the site was occupied by numerous retail/shop fronts including a massage parlour, a chicken shop, a dry cleaner, a barber, a red cross shop (second hand clothing, etc.), and a tailer. The site also included a medical centre at the northern end with accountants and solicitors' offices upstairs. Residential units were also observed on the first floor of the other buildings on the site. Predominantly, areas outside of the building footprints comprised concrete pavements.

2.4.2 Buildings, Structures and Roads

The buildings and structures on the site were generally constructed on concrete slab with brick and rendered concrete external walls and metal or ceramic tile rooves. The buildings and structures were all of an age indicative of containing hazardous building materials.

2.4.3 Boundary Conditions, Soil Stability and Erosion

At the time of the site inspection the site buildings formed most boundaries. The majority of the site surface outside of the building footprints was paved.

2.4.4 Presence of Drums/Chemical Storage and Waste

A 44 gallon drum of used cooking oil, a grease trap and general waste bins were observed at the rear of the restaurant located at 35-39 Belgrave Street.

2.4.5 Evidence of Cut and Fill

The site levels were generally in keeping with the surrounding development. It is considered likely that some filling of the site would have been undertaken for levelling purposes. This was confirmed by the boreholes drilled for the PSI.

2.4.6 Visible or Olfactory Indicators of Contamination (odours, spills etc)

Surface staining around the base of the 44 gallon drum (used cooking oil) was observed (refer to photographs in appendices). No other visible or olfactory indicators of contamination were observed during the site inspection.

2.4.7 Drainage and Services

Surface water at the site is expected to flow into stormwater drains along Whistler, Raglan and/or Belgrave Streets to the east, north and west respectively.

2.4.8 Sensitive Environments

Sensitive environments such as wetlands, ponds, creeks or extensive areas of natural vegetation were not identified on site or in the immediate surrounds.

2.4.9 Landscaped Areas and Visible Signs of Plant Stress

The site was entirely paved with no vegetation observed.

2.5 Surrounding Land Use

During the site inspection, JKE observed the following land uses in the immediate surrounds:

- North – Raglan Street with mixed use comprising commercial/retail (restaurants, offices, medical offices, gyms, etc.) and residential properties (multi floor apartment buildings) beyond;
- South – mixed use comprising commercial/retail (restaurants, offices, brewery, massage parlours, etc.) and residential properties (multi floor apartment buildings);
- East – Whistler Street with mixed-use comprising commercial/retail (restaurants, hotels, offices, retail shops, etc.) and residential properties (multi floor apartment buildings) beyond; and
- West – Belgrave Street with recreational areas including Manly Oval and Ivanhoe Park beyond.

JKE did not observe any land uses in the immediate surrounds that were identified as potential contamination sources for the site.

2.6 Underground Services

The BYDA plans indicated that a sewer main extends from the north-east corner of 35-39 Belgrave Street which is adjacent to the operating dry cleaner business property, 40 Belgrave Street. There is a potential for the sewer trench to act as a preferential pathway for contamination migration (i.e. through relatively permeable backfill). Copies of the relevant plans are attached in the appendices.

2.7 Section 10.7 Planning Certificate

The section 10.7 (2 and 5) planning certificates were reviewed for Lot 1 in 100633 and Lot 1 in DP719821 for the investigation. Copies of the certificates are attached in the appendices. A summary of the relevant information is outlined below:

- The land is not deemed to be: significantly contaminated; subject to a management order; subject of an approved voluntary management proposal; or subject to an on-going management order under the provisions of the CLM Act 1997;
- The land is not the subject of a Site Audit Statement (SAS);
- The land is identified as Acid Sulfate Soil (ASS) Class 4; and
- The land is not located in a heritage conservation area.

3 GEOLOGY AND HYDROGEOLOGY

3.1 Regional Geology

Regional geological information was reviewed for the investigation. The information was sourced from the Lotsearch report attached in the appendices. The report indicates that the site is underlain by Holocene aged costal deposits of marine and aeolian coastal sand dunes.

3.2 Acid Sulfate Soil (ASS) Risk and Planning

A review of the acid sulfate soil (ASS) risk map prepared by Department of Land and Water Conservation (1997)[6] indicated that the site is located in a Class 4 risk area.

Works in a Class 4 risk area that could pose an environmental risk in terms of ASS include works at depths beyond 2m below existing ground level or works by which the water table is likely to be lowered beyond 2m below existing ground level.

3.3 Hydrogeology

Hydrogeological information presented in the Lotsearch report indicated that the regional aquifer on-site and in the areas immediately surrounding the site includes porous, extensive aquifers of low to moderate productivity. There was a total of 53 registered bores within the report buffer of 2,000m. In summary:

- The nearest registered bore was located approximately 60m from the site. This was utilised for monitoring purposes;
- The majority of the bores were registered for water supply purposes, the closest of which was located approximately 440m to north of the site; and
- The drillers log information from the closest registered bores typically identified fill and/or clay soil to depths of 2.5-9m, underlain by sandstone bedrock. Standing water levels (SWLs) in the bores ranged from 1mBGL to 21mBGL.

The information reviewed for the PSI indicates that the subsurface conditions at the site are expected to consist of high permeability (marine) soils overlying relatively shallow bedrock. Abstraction and use of groundwater at the site or in the immediate surrounds may be viable under these conditions, however the use of groundwater is not proposed as part of the development. There is a reticulated water supply in the area and consumption of groundwater is not expected to occur.

Considering the local topography and surrounding land features, JKE anticipate groundwater to flow towards the east given the proximity to Manly Beach.

3.4 Receiving Water Bodies

The site location and regional topography indicates that excess surface water flows have the potential to enter Manly Beach located 200m east of the site. This water body is considered to be a potential receptor.

[6] Department of Land and Water Conservation, (1997). *1:25,000 Acid Sulfate Soil Risk Map (Series 9130N3, Ed 2)*

4 SITE HISTORY INFORMATION

4.1 Review of Historical Aerial Photographs

Historical aerial photographs were reviewed for the investigation. The information was sourced from the Lotsearch report. JKE has reviewed the photographs and summarised relevant information in the following table:

Table 4-1: Summary of Historical Aerial Photographs

Year	Details
1930	**On-site:** The site appeared to be predominantly covered by buildings and structures. **Off-site:** The surrounds appeared generally similar to the site and were generally built up areas likely comprising mixed-use buildings. Whistler Street to the east, Raglan Street to the north and Belgrave Street to the west were all visible. As was the oval and recreational area to the west of Belgrave Street.
1943 1951 1955, 1956 **1961**	The site and surrounding features appeared generally similar to the previous photograph.
1965	**On-site:** The site appeared generally similar to the previous photograph. **Off-site:** Some development of the surrounding area was visible with a large open air carpark visible to the east of the site.
1970 1978 1982 1986 1991 1994 2000 2007 2011 2014 2017 2020	**On-site:** The site appeared generally similar to the previous photograph. **Off-site:** Some development of the surrounding area was visible.
2023	**On-site:** The site appeared generally similar to the previous photograph. **Off-site:** The property to the immediate west of the southern portion of the site appeared to have been cleared of structures.

4.2 Review of Historical Land Title Records

Historical land title records were reviewed for the investigation. The record search was undertaken by InfoTrack. Copies of the title records are attached in the appendices. The title records indicate the following:

- The site has been owned by individuals for periods between 1914 and present day. Professions of these individuals have included ironmonger, merchant, grazier and a pharmaceutical chemist;

- Parts of the site have been owned by companies including several investment companies, Manufacturers Mutual Insurance Pty Ltd, Naomand Developments Pty Ltd and P & C Pedulla Pty Limited for periods between 1955 and present day;
- Manly Municipal Council owned Lot 1 in DP719821 between 1981 and 1986;
- The current owners of the site are: The Owners – Strata Plan No. 14133 (CP in SP14133); Torjonic investments Pty Ltd (Lot 1 in DP100633); Naomand Developments Pty Ltd (Lot 1 in DP104766); and Reginald John Forster (Lot 1 in DP34395 and Lot 1 in DP719821); and
- It is noted that Lindus Dry Cleaning have held a lease for Lot 1 in DP100633 since 2018.

The historical land title records identified use of Lot 1 in DP100633 as a dry cleaner for the past five years. This is supported by the site inspection (refer to Section 2.4) confirming that this land use was currently occurring on site. Dry cleaning establishments are listed as a land use that is a potentially contaminating activity under Table 1 of the Managing Land Contamination Planning Guidelines SEPP55 Remediation of Land (1998)[7].

4.3 SafeWork NSW Records

SafeWork NSW records in relation to the registered storage of dangerous goods were reviewed for 40 and 43 Belgrave Street for the investigation. Copies of relevant documents are attached in the appendices. The search did not identify any licences to store dangerous goods including underground fuel storage tanks (USTs), above ground storage tanks (ASTs) or chemicals at the site.

4.4 NSW EPA and Department of Defence Records

A review of the NSW EPA and Department of Defence databases was undertaken for the PSI. Information from the following databases were sourced from the Lotsearch report:

- Records maintained in relation to contaminated land under Section 58 of the CLM Act 1997;
- Records of sites notified in accordance with the Guidelines on the Duty to Report Contamination under Section 60 of the CLM Act 1997 (2015)[8];
- Licensed activities under the Protection of the Environment Operations Act (1997)[9];
- Sites being investigated under the NSW EPA per-and polyfluoroalkyl substances (PFAS) investigation program;
- Sites being investigated by the Department of Defence for PFAS contamination; and
- Sites being managed by the Department of Defence for PFAS contamination.

The search included the site and surrounding areas in the report buffer. A summary of the information is provided below:

[7] DUAP/EPA, (1998). *Managing Land Contamination Planning Guidelines, SEPP55 Remediation of Land* (referred to as SEPP55 Planning Guidelines)

[8] NSW EPA, (2015). *Guidelines on the Duty to Report Contamination under Section 60 of the CLM Act 1997.* (referred to as Duty to Report Contamination)

[9] Protection of the Environment Operations Act 1997 (NSW) (referred to as POEO Act 1997)

Table 4-2: NSW EPA and Department of Defence Records

Records	On-site	Off-site
Records under Section 58 of the CLM Act 1997	None	None
Records under the Duty to Report Contamination under Section 60 of the CLM Act 1997	None	There were two properties listed within the report buffer. These properties were listed as not requiring regulated under the CLM Act 1997 and were both located over 270m to the north and to the south-east of the site. Due to the distance and management class (i.e. not requiring regulation) of the properties, they are not considered to represent off-site sources of contamination.
Licences under the POEO Act 1997	None	Current and historical licenses were identified for several properties within the report buffer, including hazardous waste generation and storage (Manly hospital), and the application of herbicides along waterways. However, these activities are considered unlikely to pose a contamination risk to the site or represent and off-site source of contamination.
Records relating to the NSW EPA PFAS Investigation Program	None	None
Records relating to the Department of Defence PFAS management and investigation programs	None	None

4.5 Historical Business Directory and Additional Lotsearch Information

Historical business records and other relevant information were reviewed for the investigation. The information was sourced from the Lotsearch report and summarised in the following table:

Table 4-3: Historical Business Directory and other Records

Records	On-site	Off-site
Historical dry cleaners, motor garages and service stations	A dry cleaner business was registered onsite (40 Belgrave Street), between 1980 and 1988. This has been considered in the CSM.	Numerous dry cleaner and motor garage/service stations businesses were located cross gradient and within 150m of the site. Given the topography, geological setting and possible tidal influences, these properties are considered to represent off-site sources of contamination and have been considered in the CSM.
Other historical businesses that could represent potential sources of contamination	None	None
National waste management site database	None	None

Records	On-site	Off-site
National liquid fuel facilities	None	There were four facilities listed within the report buffer. Two of these comprised the service station previously discussed in Table 4-3 above. The other two facilities were located over 570m to the north of the site and are not considered to represent off-site sources of contamination given their distance from the site.
Mapped heritage items	None	Various heritage items were mapped in the report buffer. These are not considered to have any relevance in the context of the PSI objectives.
Mapped ecological constraints	None	Various ecological items were mapped in the report buffer. These are not considered to have any relevance in the context of the PSI objectives.
Mapped naturally occurring asbestos	None	None

4.6 Summary of Site History Information

A time line summary of the historical land uses and activities is presented in the following table. The information presented in the table is based on a weight of evidence assessment of the site history documentation and observations made by JKE.

Table 4-4: Summary of Historical Land Uses / Activities

On-site - Potential Land Use / Activities	Off-site - Potential Land Use / Activities
Mixed use (commercial/residential): • Cut and fill works to generate required levels across the site during construction of the existing buildings and structures; • Filling around local services; • Buildings and structures of an age indicative of containing hazardous building materials; • Use of pesticides beneath structures and around site; and • Dry cleaner business at 40 Belgrave Street (Lot 1 in DP100633), between circa 1980 and present day.	Residential and commercial (including dry cleaners and service stations/motor garages)

4.7 Integrity of Site History Information

The majority of the site history information was obtained from government organisations as outlined in the relevant sections of this report. The veracity of the information from these sources is considered to be relatively high. A certain degree of information loss can be expected given the lack of specific land use details over time. JKE has relied upon the Lotsearch report and have not independently verified any information contained within. However, it is noted that the Lotsearch report is generated based on databases maintained by various government agencies and is expected to be reliable.

5 CONCEPTUAL SITE MODEL

NEPM (2013) defines a CSM as a representation of site related information regarding contamination sources, receptors and exposure pathways between those sources and receptors. The CSM for the site is presented in the following sub-sections and is based on the site information (including the site inspection information) and the review of site history information. Reference should also be made to the figures attached in the appendices.

A review of the CSM in relation to source, pathway and receptor (SPR) linkages has been undertaken as part of the Tier 1 risk assessment process, as outlined in Section 9.

5.1 Potential Contamination Sources/AEC and CoPC

The potential contamination sources/AEC and CoPC are presented in the following table:

Table 5-1: Potential (and/or known) Contamination Sources/AEC and Contaminants of Potential Concern

Source / AEC	CoPC
Fill material – The site appears to have been historically filled to achieve the existing levels. The fill may have been imported from various sources and could be contaminated.	Heavy metals (arsenic, cadmium, chromium, copper, lead, mercury, nickel and zinc), petroleum hydrocarbons (referred to as total recoverable hydrocarbons – TRHs), benzene, toluene, ethylbenzene and xylene (BTEX), polycyclic aromatic hydrocarbons (PAHs), organochlorine pesticides (OCPs), organophosphate pesticides (OPPs), polychlorinated biphenyls (PCBs) and asbestos.
On-site Dry Cleaners – Historical business directory information and title records indicate that 40 Belgrave Street (Lot 1 in DP100633) has been operating as a dry cleaner business since circa 1980. The site inspection confirmed this land use was still occurring.	TRHs, PFAS and VOCs, including tetrachloroethene (also known as perchloroethylene - PCE) and the breakdown products trichloroethene (TCE), cis-1,2-dichloroethene (cis-DCE) and vinyl chloride (VC).
Use of pesticides – Pesticides may have been used beneath the buildings and/or around the site.	Heavy metals and OCPs
Hazardous Building Material – Hazardous building materials may be present as a result of former building and demolition activities. These materials may also be present in the existing buildings/ structures on site.	Asbestos, lead and PCBs
Off-site areas – Historical business directories indicated that several dry cleaners and motor garages/service stations have operated cross-gradient and within 150m of the site. These businesses are considered to be potential sources of contamination.	Heavy metals, TRH, BTEX, PAHs, VOCs and PFAS

5.2 Mechanism for Contamination, Affected Media, Receptors and Exposure Pathways

The mechanisms for contamination, affected media, receptors and exposure pathways relevant to the potential contamination sources/AEC are outlined in the following CSM table:

Table 5-2: CSM

Potential mechanism for contamination	Potential mechanisms for contamination include: • Fill material – importation of impacted material, 'top-down' impacts (e.g. placement of fill, leaching from surficial material etc), or sub-surface release (e.g. impacts from buried material); • On-site dry cleaner – 'top-down', top-down' and spills (e.g. during normal use, leaks through cracks in the ground surface and/or improper storage); • Use of pesticides – 'top-down' and spills (e.g. during normal use, application and/or improper storage); • Hazardous building materials – 'top-down' (e.g. demolition resulting in surficial impacts in unpaved areas); and • Off-site land uses – 'top-down', spill or sub-surface release. Impacts to the site could occur via migration of contaminated groundwater.
Affected media	For the purpose of the PSI, soil and soil vapour have been identified as potentially affected media.
Receptor identification	Human receptors include site occupants/users (including adults and children), construction workers and intrusive maintenance workers. Off-site human receptors include adjacent land users, groundwater users and recreational water users within Manly Beach. Ecological receptors include terrestrial organisms and plants within unpaved areas (including the proposed landscaped areas), and marine ecology in Manly Beach.
Potential exposure pathways	Potential exposure pathways relevant to the human receptors include ingestion, dermal absorption and inhalation of dust (all contaminants) and vapours (volatile VOCs, TRH, naphthalene and BTEX). The potential for exposure would typically be associated with the construction and excavation works, and future use of the site. Potential exposure pathways for ecological receptors include primary/direct contact and ingestion. Exposure during future site use could occur via direct contact with soil in unpaved areas such as gardens, inhalation of airborne asbestos fibres during soil disturbance, or inhalation of vapours within enclosed spaces such as buildings and basements. Exposure to groundwater is unlikely to occur in Manly Beach through direct migration, however groundwater has the potential to enter the beach via the stormwater system (which is expected to discharge into the beach) in a drained basement scenario.
Potential exposure mechanisms	The following have been identified as potential exposure mechanisms for site contamination: • Vapour intrusion into the proposed basement and/or building (either from soil contamination or volatilisation of contaminants from groundwater); • Contact (dermal, ingestion or inhalation) with exposed soils in landscaped areas and/or unpaved areas; • Migration of groundwater off-site and into nearby water bodies, including aquatic ecosystems and those being used for recreation; and • Migration of groundwater off-site into areas where groundwater is being utilised as a resource (i.e. for water supply).
Presence of preferential pathways for contaminant movement	The sewer (see attached BYDA plans) and the associated sewer trench/trench backfill is a potential preferential pathway for contaminant migrations. This could occur via groundwater/seepage if present, or via soil/vapour migration through the sewer and/or trench backfill.

6 SAMPLING, ANALYSIS AND QUALITY PLAN

6.1 Data Quality Objectives (DQO)

Data Quality Objectives (DQOs) were developed to define the type and quality of data required to achieve the project objectives outlined in Section 1.2. The DQOs were prepared with reference to the process outlined in Schedule B2 of NEPM (2013). The seven-step DQO approach for this project is outlined in the following sub-sections.

The DQO process is validated in part by the Data Quality Assurance/Quality Control (QA/QC) Evaluation. The Data (QA/QC) Evaluation is summarised in Section 8.1 and the detailed evaluation is provided in the appendices.

6.1.1 Step 1 - State the Problem

The CSM identified potential sources of contamination/AEC at the site that may pose a risk to human health and the environment. Investigation data is required to assess the contamination status of the site, assess the risks posed by the contaminants in the context of the proposed development/intended land use, and assess whether remediation is required. This information will be considered by the consent authority in exercising its planning functions in relation to the development proposal. A waste classification is required prior to off-site disposal of excavated soil/bedrock, an assessment of ASS is also required to establish whether management of ASS materials will be necessary.

6.1.2 Step 2 - Identify the Decisions of the Study

The objectives of the investigation are outlined in Section 1.2. The decisions to be made reflect these objectives and are as follows:

- Did the site inspection, or does the historical information identify potential contamination sources/AEC at the site?
- Are any results above the SAC?
- Do potential risks associated with contamination exist, and if so, what are they?
- Is further investigation/remediation required?
- Is the site suitable for the proposed development, or can the site be made suitable subject to further characterisation and/or remediation?
- Is the proposed development likely to disturb PASS?

6.1.3 Step 3 - Identify Information Inputs

The primary information inputs required to address the decisions outlined in Step 2 include the following:

- Site information, including site observations and site history documentation;
- Sampling of potentially affected media, including soil and soil vapour;
- Observations of sub-surface variables such as soil type, photo-ionisation detector (PID) concentrations, odours and staining;
- Laboratory analysis of soils and soil vapour for the CoPC identified in the CSM as well as soils for ASS properties; and
- Field and laboratory QA/QC data.

6.1.4 Step 4 - Define the Study Boundary

The sampling was confined to accessible areas within the site boundaries as shown in Figure 2 and limited vertically to a depth of approximately 3mBGL (spatial boundary). The sampling was completed on 20 April 2023 (temporal boundary). The assessment of potential risk to adjacent land users has been made based on data collected within the site boundary.

6.1.5 Step 5 - Develop an Analytical Approach (or Decision Rule)

6.1.5.1 Tier 1 Screening Criteria

The laboratory data will be assessed against relevant Tier 1 screening criteria (referred to as SAC), as outlined in Section 7. Exceedances of the SAC do not necessarily indicate a requirement for remediation or a risk to human health and/or the environment. Exceedances are considered in the context of the CSM and valid SPR-linkages.

For this investigation, the individual results have been assessed as either above or below the SAC. Statistical evaluation of the dataset via calculation of mean values and/or 95% upper confidence limit (UCL) values has not been undertaken due to the spatial distribution of the data and the number of samples submitted for analysis.

6.1.5.2 Field and Laboratory QA/QC

Field QA/QC included analysis of intra-laboratory duplicates, trip spike, trip blank, rinsate and shroud samples. Further details regarding the sampling and analysis undertaken, and the acceptable limits adopted, is provided in the Data Quality (QA/QC) Evaluation in the appendices.

The suitability of the laboratory data is assessed against the laboratory QA/QC criteria which is outlined in the attached laboratory reports. These criteria were developed and implemented in accordance with the laboratory's National Association of Testing Authorities, Australia (NATA) accreditation and align with the acceptable limits for QA/QC samples as outlined in NEPM (2013) and other relevant guidelines.

In the event that acceptable limits are not met by the laboratory analysis, other lines of evidence are reviewed (e.g. field observations of samples, preservation, handling etc) and, where required, consultation with the laboratory is undertaken in an effort to establish the cause of the non-conformance. Where uncertainty exists, JKE typically adopt the most conservative concentration reported (or in some cases, consider the data from the affected sample as an estimate).

6.1.5.3 Appropriateness of Practical Quantitation Limits (PQLs)

The PQLs of the analytical methods are considered in relation to the SAC to confirm that the PQLs are less than the SAC. In cases where the PQLs are greater than the SAC, a discussion of this is provided.

6.1.6 Step 6 – Specify Limits on Decision Errors

To limit the potential for decision errors, a range of quality assurance processes are adopted. A quantitative assessment of the potential for false positives and false negatives in the analytical results is undertaken with reference to Schedule B(3) of NEPM (2013) using the data quality assurance information collected.

Decision errors can be controlled through the use of hypothesis testing. The test can be used to show either that the baseline condition is false or that there is insufficient evidence to indicate that the baseline condition is false. The null hypothesis is an assumption that is assumed to be true in the absence of contrary evidence. For this investigation, the null hypothesis has been adopted which is that, there is considered to be a complete SPR linkage for the CoPC identified in the CSM unless this linkage can be proven not to (or unlikely to) exist. The null hypothesis has been adopted for this investigation.

Quantitative limits on decision errors were not established as the sample plan was not probabilistic.

Data Quality Indicators (DQI) for field and laboratory QA/QC samples are defined in the QA/QC Data Evaluation in the appendices. An assessment of the DQI's was made in relation to precision, accuracy, representativeness, completeness and comparability.

6.1.7 Step 7 - Optimise the Design for Obtaining Data

The most resource-effective design will be used in an optimum manner to achieve the investigation objectives. Adjustment of the investigation design can occur following consultation or feedback from project stakeholders. For this investigation, the design was optimised via consideration of the various lines of evidence used to select the sample locations, the media being sampled, and also by the way in which the data were collected.

The sampling plan and methodology are outlined in the following sub-sections.

6.2 Soil Sampling Plan and Methodology

The soil sampling plan and methodology adopted for this investigation is outlined in the table below:

Table 6-1: Soil Sampling Plan and Methodology

Aspect	Input
Sampling Density	Samples were collected from two locations (BH1 and BH2) as shown on the attached Figure 2. Based on the site area (1,100m^2), this number of locations corresponded to a sampling density of approximately one sample per 550m^2. The sampling plan was not designed to meet the minimum sampling density for hotspot identification, as outlined in the NSW EPA Sampling Design Part 1 – Application (2022)[10] contaminated land guidelines. A proposed third location, BH3, was not able to be drilled/sampled due to access constraints.

[10] NSW EPA, (2022). *Sampling design part 1 - application.* (referred to as EPA Sampling Design Guidelines 2022)

Aspect	Input
Sampling Plan	The sampling locations were placed on a judgemental sampling plan and were broadly positioned for site coverage, taking into consideration areas that were not easily accessible. This sampling plan was considered suitable to make a preliminary assessment of potential risks associated with the AEC and pre-selected suite of CoPC identified in the CSM, and assess whether further investigation is warranted.
Set-out and Sampling Equipment	Sampling locations were set out using a tape measure. In-situ sampling locations were checked for underground services by an external contractor prior to sampling. Samples were collected using a hand auger.
Sample Collection and Field QA/QC	Soil samples were obtained on 20 April 2023 in accordance with standard field procedures. Soil samples were collected from the fill and natural profiles based on field observations. The sample depths are shown on the logs attached in the appendices. Samples were placed in glass jars with plastic caps and teflon seals with minimal headspace. Samples for asbestos analysis were placed in zip-lock plastic bags. Samples for ASS testing were placed in plastic bags and sealed with plastic ties with minimal headspace. During sampling, soil at selected depths was split into primary and duplicate samples for field QA/QC analysis. The field splitting procedure included splitting the soil by hand and alternately filling the sampling containers to obtain a representative split sample.
Field Screening	A portable Photoionisation Detector (PID) fitted with a 10.6mV lamp was used to screen the samples for the presence of volatile organic compounds (VOCs). PID screening for VOCs was undertaken on soil samples using the soil sample headspace method. VOC data was obtained from partly filled zip-lock plastic bags following equilibration of the headspace gases. PID calibration records are maintained on file by JKE. Fill/spoil at the sampling locations was visually inspected during the works for the presence of fibre cement fragments.
Decontami-nation and Sample Preservation	Sampling personnel used disposable nitrile gloves during sampling activities. Re-usable sampling equipment was decontaminated using Decon and potable water. Soil samples were preserved by immediate storage in an insulated sample container with ice or ice bricks. On completion of the fieldwork, the samples were stored temporarily in fridges (or in freezers in the case of the ASS samples) in the JKE warehouse before being delivered in the insulated sample container to a NATA registered laboratory for analysis under standard chain of custody (COC) procedures.

6.3 Soil Vapour Sampling Plan and Methodology

The soil vapour sampling plan and methodology is outlined in the table below:

Table 6-2: Soil Vapour Sampling Plan and Methodology

Aspect	Input
Sampling Plan	Soil vapour samples were collected from three sub-slab vapour pins (SV1, SV2 and SV3), as shown on the attached Figure 2. Considering the identified AEC at the site, these locations are considered to be appropriate to screen for the CoPC in soil vapour.

Aspect	Input
Set-out and Sampling Equipment	The sampling locations were set out as noted for the soil sample locations. Samples were collected using canisters (TO-15 sampling method), from the vapour pins.
Vapour pin Installation	Soil vapour pins were installed by JKE in the sub-slab zone directly beneath the base of the concrete slab. A 16mm diameter hammer hole was advanced through the slab and sealed with a temporary vapour pin. Prior to sampling, the sub-slab soil gas conditions were allowed to re-equilibrate for at least 60 minutes prior to soil vapour sampling.
Soil vapour Sampling (USEPA TO-15)	Soil vapour sampling utilised single-use tubing and other sampling apparatus (e.g, soil vapour pins, summa canisters, flow restrictors), therefore no decontamination procedures were considered necessary. The following procedures was implemented for soil vapor sampling: • Leak detection was undertaken by placing a cloth soaked in isopropyl alcohol (IPA) into the shroud. At one of the soil vapour sampling locations a laboratory supplied syringe was used to draw air from within the shroud through a thermal desorption carbon tube which will be analysed for IPA; • A shut in/leak test was undertaken to test the integrity of the vacuum on the sample train. Once the shut-in/leak test passed, it was recorded on the COC documents; • Approximately 300mL of air was purged through the sample collection pathway using laboratory supplied syringe. The purged volume was recorded on the COC; • Once the above was completed, the following procedure was implemented for soil vapour sampling: ➢ Connect the female connector to the Teflon tubing extending from the soil vapour pin to the sampling train (note: these were already be connected from the purging stage) and then to the canister; ➢ Open the valve on the canister and the sample began to collect in the canister. The vacuum gauge on the canister was checked to ensure that a vacuum of approximately -26 to -30" Hg was present within the canister. The initial vacuum level and initial sampling time were recorded on the COC; ➢ Sampling continued until a vacuum level of approximately -5 to -4" Hg was present within the canister, with sampling stopped by closing the valve on the canister. The final vacuum level and final sampling time were recorded on the COC; and ➢ Disconnect the canister and the sample train. Following completion of soil vapour sampling the soil vapour pins were extracted. • Duplicate sampling was undertaken by connecting a new female connector and new sampling train to the soil vapor pin Teflon tubing. As the sample collection pathway itself was already purged, only one pull of the laboratory supplied syringe was required to purge approximately 100mL, (more than enough to purge the new sampling train). The sampling procedure above was repeated to obtain the duplicate sample. On completion of the fieldwork, the soil vapour samples were temporarily stored at the JKE offices prior to delivery to a NATA registered laboratory for analysis under standard COC procedures and within recommended holding times.

6.4 Laboratory Analysis

Samples were analysed by an appropriate, NATA Accredited laboratory using the analytical methods detailed in Schedule B(3) of NEPM 2013. Reference should be made to the laboratory reports attached in the appendices for further details.

Table 6-3: Laboratory Details

Samples	Laboratory	Report Reference
All primary samples and field QA/QC samples including (intra-laboratory duplicates, trip blanks, trip spikes, field rinsate and shroud samples)	Envirolab Services Pty Ltd NSW, NATA Accreditation Number – 2901 (ISO/IEC 17025 compliance)	321454, 321520 and 321520-A

7 SITE ASSESSMENT CRITERIA (SAC)

The SAC were derived from the NEPM 2013 and other guidelines as discussed in the following sub-sections. The guideline values for individual contaminants are presented in the attached report tables and further explanation of the various criteria adopted is provided in the appendices.

7.1 Soil

Soil data were compared to relevant Tier 1 screening criteria in accordance with NEPM (2013) as outlined below.

7.1.1 Human Health

- Health Investigation Levels (HILs) for a 'Residential with minimal opportunities for soil access' exposure scenario (HIL-B);
- Health Screening Levels (HSLs) for a 'low-high density residential' exposure scenario (HSL-A & HSL-B). HSLs were calculated based on conservative assumptions including a 'sand' type and a depth interval of 0m to 1m;
- HSLs for direct contact presented in the CRC Care Technical Report No. 10 – Health screening levels for hydrocarbons in soil and groundwater Part 1: Technical development document (2011)[11]; and
- Asbestos was assessed on the basis of presence/absence and against the HSL-B criteria. A summary of the asbestos criteria is provided in the table below:

Table 7-1: Details for Asbestos SAC

Guideline	Applicability
Asbestos in Soil	The HSL-B criteria were adopted for the assessment of asbestos in soil. The SAC adopted for asbestos were derived from the NEPM 2013 and are based on the Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia (2021)[12]. The SAC include the following: • No visible asbestos at the surface/in the top 10cm of soil; • <0.04% w/w bonded asbestos containing material (ACM) in soil; and • <0.001% w/w asbestos fines/fibrous asbestos (AF/FA) in soil.

7.1.2 Environment (Ecological – terrestrial ecosystems)

- Ecological Investigation Levels (EILs) and Ecological Screening Levels (ESLs) for an 'urban residential and public open space' (URPOS) exposure scenario. These have only been applied to the top 2m of soil as outlined in NEPM (2013). The criterion for benzo(a)pyrene has been increased from the value presented in NEPM (2013) based on the Canadian Soil Quality Guidelines[13];
- ESLs were adopted based on the soil type; and

[11] Cooperative Research Centre for Contamination Assessment and Remediation of the Environment (CRC Care), (2011). Technical Report No. 10 - *Health screening levels for hydrocarbons in soil and groundwater Part 1: Technical development document*

[12] Western Australian (WA) Department of Health (DoH), (2021). *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia*. (referred to as WA DoH 2021)

[13] Canadian Council of Ministers of the Environment, (1999). *Canadian soil quality guidelines for the protection of environmental and human health: Benzo(a)Pyrene (1997)* (referred to as the Canadian Soil Quality Guidelines)

- EILs for selected metals were calculated based on the most conservative added contaminant limit (ACL) values presented in Schedule B(1) of NEPM (2013) and published ambient background concentration (ABC) values presented in the document titled Trace Element Concentrations in Soils from Rural and Urban Areas of Australia (1995)[14]. This method is considered to be adequate for the Tier 1 screening.

7.1.3 Management Limits for Petroleum Hydrocarbons

Management limits for petroleum hydrocarbons (as presented in Schedule B1 of NEPM 2013) were considered (if required).

7.1.4 Acid Sulfate Soil

The action criteria presented in the *National Acid Sulfate Soil Guidance: National acid sulfate soils sampling and identification methods manual* (2018) are summarised in the following table. The action criteria for 'coarse textured soils' were adopted.

Table 7-2: ASS Action Criteria

Type of material		**Net Acidity**			
Texture range* (NCST 2009)	Approximate clay content (%)	1–1000 t materials disturbed		> 1000 t materials disturbed	
		% S-equiv. (oven-dried basis)	mol H^+/t (oven-dried basis)	% S-equiv. (oven-dried basis)	mol H^+/t (oven-dried basis)
Fine - light medium to heavy clays	>40	≥0.10	≥62	≥0.03	≥18
Medium - clayey sand to light clays	5–40	≥0.06	≥36	≥0.03	≥18
Coarse and Peats - sands to loamy sands	<5	≥0.03	≥18	≥0.03	≥18

* If bulk density values are not available for the conversion of cubic meters to tonnes of soil, then default bulk densities, based on the soil texture, may be used.

7.2 Soil Vapour

Soil vapour data were assessed against the HSL-A & HSL-B and interim HIL-B concentrations presented in Schedule B1 of NEPM (2013). Conservatively the HSLs were derived using a 0-1m depth interval and a sand soil type. For VOC compounds detected above the PQL and for which there were no NEPM (2013) SAC, the USEPA vapour intrusion screening level calculator was used to derive screening criteria (see Table SV1 in the appendices for further details).

[14] Olszowy, H., Torr, P., and Imray, P., (1995), *Trace Element Concentrations in Soils from Rural and Urban Areas of Australia. Contaminated Sites Monograph Series No. 4*. Department of Human Services and Health, Environment Protection Agency, and South Australian Health Commission

8 RESULTS

8.1 Summary of Data (QA/QC) Evaluation

The data evaluation is presented in the appendices. In summary, JKE is of the opinion that the data are adequately precise, accurate, representative, comparable and complete to serve as a basis for interpretation to achieve the investigation objectives.

8.2 Subsurface Conditions

A summary of the subsurface conditions encountered during the investigation is presented in the following table. Reference should be made to the borehole logs attached in the appendices for further details.

Table 8-1: Summary of Subsurface Conditions

Profile	Description
Pavement	Concrete pavement was encountered at the surface in BH2 and was approximately 100mm in thickness.
Fill	Fill was encountered at the surface or beneath the pavement in all boreholes and extended to depths of approximately 0.6mBGL to 1.3mBGL. The fill typically comprised silty sand or silty clayey sand with inclusions of sandstone gravel. No odours or staining were recorded in the fill material during the field work. No fibre cement fragments (FCF) or suspected asbestos containing material (ACM) was encountered in the fill material during the fieldwork.
Natural Soil	Natural sandy marine soils were encountered beneath the fill material in all boreholes and extended to the maximum depth of the investigation at approximately 3mBGL. No odours or staining were recorded in the natural soils during the field work.
Groundwater	Groundwater seepage was not encountered in the boreholes during drilling or a short time after.

8.3 Field Screening

PID soil sample headspace readings are presented in attached report tables and the COC documents attached in the appendices. The results ranged from 0.2ppm to 0.4ppm equivalent isobutylene. These results indicate a lack of significant PID detectable VOCs.

8.4 Soil Laboratory Results

The soil laboratory results were assessed against the SAC presented in Section 7.1. Individual SAC are shown in the report tables attached in the appendices. A summary of the results is presented below:

8.4.1 Human Health and Environmental (Ecological) Assessment

Table 8-2: Summary of Soil Laboratory Results – Human Health and Environmental (Ecological)

Analyte	N	Max. (mg/kg)	N> Human Health SAC	N> Ecological SAC	Comments
Arsenic	4	<4	0	0	-
Cadmium	4	0.6	0	NSL	-
Chromium (total)	4	10	0	0	-
Copper	4	66	0	0	-
Lead	4	200	0	0	-
Mercury	4	0.5	0	NSL	-
Nickel	4	6	0	0	-
Zinc	4	580	0	1	The zinc concentrations of 360mg/kg and 580mg/kg in BH1 (0-0.1), its laboratory duplicate and its field duplicate (S Dup 1) exceeded the ecological SAC of 190mg/kg.
Total PAHs	4	20	0	NSL	-
Benzo(a)pyrene	4	1.5	NSL	0	-
Carcinogenic PAHs (as BaP TEQ)	4	2.3	0	NSL	-
Naphthalene	4	<1	0	NSL	-
DDT+DDE+DDD	2	<0.1	0	NSL	-
DDT	2	<0.1	NSL	0	-
Aldrin and dieldrin	2	<0.1	0	NSL	-
Chlordane	2	<0.1	0	NSL	-
Heptachlor	2	<0.1	0	NSL	-
Chlorpyrifos (OPP)	2	<0.1	0	NSL	-
PCBs	2	<0.1	0	NSL	-
TRH F1	4	<25	0	0	-

Analyte	N	Max. (mg/kg)	N> Human Health SAC	N> Ecological SAC	Comments
TRH F2	4	<50	0	0	-
TRH F3	4	130	0	0	-
TRH F4	4	<100	0	0	-
Benzene	4	<0.2	0	0	-
Toluene	4	<0.5	0	0	-
Ethylbenzene	4	<1	0	0	-
Xylenes	4	<1	0	0	-
Asbestos (in soil) (%w/w)	2	<0.04%w/w ACM <0.001%w/w AF/FA	0	NA	Asbestos was not detected in the samples analysed.

Notes:

N: Total number (primary samples)

NSL: No set limit

NL: Not limiting

8.4.2 Acid Sulfate Soil Assessment

The soil laboratory results were assessed against the action criteria adopted for the assessment. The results are presented in the attached report tables and summarised fin the following table:

Table 8-3: Summary of ASS Results

Analysis	N	Comments
pH_F and pH_{FOX}	6	None of the pH_F results were below pH 4 and therefore none of the samples were indicative of actual ASS (AASS). The pH_{FOX} results ranged from pH 5.6 to pH 6.2. The calculated change in pH was between 1.3 and 2.2.
pH_{FOX} reaction rates	6	Reaction rates of the samples were generally in the low range with the deeper samples from BH2 in the medium range. A total of four samples were targeted for further acid base accounting analysis due to the pH_{FOX} results and/or for spatial/vertical coverage across the site to a maximum depth of 2.7mBGL.
Net Acidity % S-equiv.	4	The results ranged from <0.005%w/w to 0.01%w/w. All results were less than the action criterion of 0.03%w/w.
Net Acidity mol H^+/t	4	The results ranged from less than the PQL to 7.5moles H^+/tonnes. All results were less than the action criterion of 18 moles H^+/tonnes.
S_{CR}%	4	The S_{CR}% results ranged from less than the PQL to 0.01% SCr. These results indicated that oxidisable sulfur was present in the soils.

Analysis	N	Comments
Liming Rate	4	The liming rate reported indicated that the soils analysed do not require liming.

N: Total number (primary samples)

8.5 Soil Vapour Assessment

The soil vapour laboratory results were assessed against the action criteria adopted for the investigation. The results are presented in the attached report tables and summarised in the following table:

Table 8-4: Summary of Soil Vapour Laboratory Results – Human Health

Analyte	N ^	Max. (mg/m^3)	N> Human Health SAC	Comments
TRH F1	2	17	0	-
TRH F2*	2	0.18	0	-
Benzene	2	0.01	0	-
Toluene	2	0.038	0	-
Ethylbenzene	2	0.008	0	-
Total Xylenes	2	0.035	0	-
Naphthalene	2	<0.0052	0	-
VOC Vinyl chloride Cis-1,2-dichloroethene Trichloroethene (TCE) Tetrachloroethene (PCE) 1,1,1-Trichloroethane	2	 <0.065 0.061 0.18 40 <0.0135	 0 0 2 2 0	The TCE concentrations reported in SV2 and SV3 exceeded the interim HIL SAC of $0.02mg/m^3$. The PCE concentrations reported in SV2 and SV3 exceeded the interim HIL SAC of $2mg/m^3$. Traces of Propylene; Ethanol; Acetone; Isopropyl alcohol; Hexane; Ethyl Acetate; Chloroform; Cyclohexane; Heptane; Bromodichloromethane; Methyl Butyl Ketone ; Styrene; 4-ethyl toluene; 1,3,5-Trimethyl benzene; 1,2,4-Trimethyl benzene; and 1,4-Dichlorobenzenewere detected in the samples. These were below the SAC.

Notes:

N^: Number of Primary samples

*TRH F2 is TRH C_{10}-C_{12} only

9 DISCUSSION

9.1 Contamination Sources/AEC and Potential for Site Contamination

Based on the scope of work undertaken for this investigation, JKE identified the following potential contamination sources/AEC:

- Fill material;
- Onsite dry-cleaning activities at 40 Belgrave Street;
- Use of pesticides around site and beneath buildings/structures;
- Hazardous building materials in existing buildings and structures; and
- Off-site land uses (including dry cleaners and motor garages/service stations).

Considering the above, and based on a qualitative assessment of various lines of evidence as discussed throughout this report, JKE is of the opinion that there is a potential for site contamination. The preliminary soil and soil vapour data collected for the investigation is discussed further in the following subsection, as part of the Tier 1 risk assessment.

9.2 Tier 1 Risk Assessment and Review of CSM

For a contaminant to represent a risk to a receptor, the following three conditions must be present:

1. Source – The presence of a contaminant;
2. Pathway – A mechanism or action by which a receptor can become exposed to the contaminant; and
3. Receptor – The human or ecological entity which may be adversely impacted following exposure to contamination.

If one of the above components is missing, the potential for adverse risks is relatively low.

9.2.1 Soil

Zinc in the shallow fill soil in the vicinity of BH1 was above the ecological SAC. It is noted that the zinc concentration in the underlying natural sample was significantly lower and less than the SAC. Based on this, the source of the zinc impacts is considered likely to be associated with the imported fill material.

Given the site is predominantly paved with no vegetation present, and the fact that the site is situated in an urban setting and is not located in an ecological sensitive area, the potential ecological risks associated with the identified occurrence of zinc in fill is considered to be relatively low. Notwithstanding, further investigation will be required to assess the potential risks associated with zinc in fill at the site in the context of the proposed development.

No asbestos was detected in any of the soil samples analysed. However, we note that sampling was completed from only two boreholes using auger drilling methods (due to site accessibility limitations) which limits the disturbance of the soil and a thorough visual assessment of the fill. Further investigation will be required to assess the potential impact of asbestos on fill at the site.

Elevated concentrations of the remaining CoPC were below the adopted SAC in the soil samples analysed during the PSI.

9.2.2 Soil Vapour

The TCE and PCE concentrations in SV2 and SV3 were significantly greater than the SAC (refer to Figure 3). It is also noted that although TCE was not detected in SV1, the PCE concentration was within 20% of the SAC. These VOCs are considered likely to be associated with the existing and historical use of 40 Belgrave Street as a dry cleaner. The exact source of the impact and the release mechanism that caused the contamination are not known. However, a suspect discharge point (potentially the sewer) is likely to be present in the vicinity of SV2 and SV3, or surface spills could have occurred in this area.

The PCE and TCE results indicate that there is a potential for soil vapour risks that warrant additional investigation, remediation and risk mitigation at the site. We note that these results also exceed the less conservative commercial/industrial SAC for TCE and PCE under the current land use scenario.

All other VOC, TRH, BTEX and naphthalene concentrations in soil vapour were below the SAC.

9.2.3 ASS

Although at a low concentration, oxidisable sulfur was reported in one sample analysed, suggesting that PASS may be present at the site. Further assessment of the natural soils will be required to appropriately delineate the lateral and vertical extent of any PASS present at depths likely to be disturbed during the proposed development. Disturbed PASS will require management during the works where natural soils are excavated/exposed to air. Once the final development scenario is known, management requirements are to be documented in an ASS management plan (ASSMP).

9.2.4 Groundwater

Groundwater sampling did not occur within the scope of the assessment. Based on the site history and the soil vapour results, assessment of groundwater is considered to be required.

9.3 Decision Statements

The decision statements are addressed below:

> *Did the site inspection, or does the historical information identify potential contamination sources/AEC at the site?*

Yes, refer to Section 9.1.

> *Are any results above the SAC?*

Yes, as shown on Figure 3 and discussed above in Section 9.2.

> *Do potential risks associated with contamination exist, and if so, what are they?*

Yes, potential human health risk associated with TCE and PCE in soil vapour, and potential ecological risk associated with zinc in fill exist at the site.

Is further investigation / remediation required?

A Detailed (Stage 2) Site Investigation (DSI) will be required. Based on the preliminary data collected for the PSI, we are of the opinion that remediation will be required.

Is the site suitable for the proposed development, or can the site be made suitable subject to further characterisation and/or remediation?

JKE is of the opinion that the site can be made suitable for the proposed development outlined in Section 1.1, subject to further characterisation (via a DSI) and, where required, remediation.

Is the proposed development likely to disturb PASS?

JKE is of the opinion that the proposed development as outlined in Section 1.1 has the potential to disturb PASS, further assessment is required to confirm this.

9.4 Review of CSM and Data Gaps

A review of the CSM and an assessment of data gaps is provided in the following table:

Table 9-1: Review of CSM and Data Gap Assessment

Source/AEC	Review of CSM and Data Gap Assessment
Fill material	Fill ranging in depth between approximately 0.6m to 1.3mBGL was encountered during the investigation. Sampling was limited to approximately 25% of the minimum sampling density recommended in the NSW EPA Sampling Design Part 1 – Application (2022) for hotspot identified. It is also noted that sampling occurred from boreholes which poses limitation for identifying asbestos in fill. Further investigation of the fill will be required to assess the full extent of risks associated with this AEC. It is recommended that additional sampling is undertaken via test pits if practicable (i.e. following demolition).
On-site dry cleaner at 40 Belgrave Street	Sampling (groundwater) was not undertaken due to access limitations imposed by the existing building/structures and site tenants. Soil vapour concentrations indicated elevated levels of TCE and PCE, compounds generally associated with dry cleaning chemicals. At the time of the soil sampling and analysis, PFAS was not identified as a CoPC. Following review of the site information and AEC (including offsite land uses), JKE are of the opinion that PFAS should be included as a CoPC (in soil and groundwater) for the DSI. Further investigation of the existing dry cleaner land use (soils, soil vapour and groundwater) will be required to assess the full extent of risks associated with this AEC.

Source/AEC	Review of CSM and Data Gap Assessment
Use of Pesticides	Minimal fill/soil sampling was undertaken at the site due in part to the preliminary nature of the investigation. Further investigation of the fill/soils across all properties within the site will be required to assess the full extent of risks associated with this AEC.
Hazardous Building Materials	Sampling occurred from boreholes which poses limitation for identifying asbestos in fill, and minimal sampling was undertaken. Further investigation of the fill/soils will be required to assess the full extent of risks associated with this AEC
Off-site land uses (including dry cleaners and motor garages/ service stations)	Groundwater at the site was not assessed. PFAS in groundwater has also been identified as a CoPC. Assessment of groundwater and further assessment of soil will be required to assess the full extent of risks associated with this AEC.
PASS/ASS	Sampling to 1m beyond the maximum depth of disturbance of the proposed development as outlined in Section 1.1 was not achieved due to access limitations imposed by the existing buildings/structures and site tenants. Further assessment of the soils at the site will be required to fully assess the potential risks associated with disturbance of PASS/ASS.

As this was a preliminary intrusive investigation, a DSI will be required to assess the full extent of contamination and risks posed to site receptors. It is recommended that additional sampling is undertaken via test pits if practicable. Detailed investigation is expected to be limited to some degree due to access constraints, therefore the client must make provisions to account for potential risks and any uncertainty.

10 CONCLUSIONS AND RECOMMENDATIONS

The PSI included a review of site information, a site inspection, soil sampling from two boreholes, and soil vapour sampling from three sub-slab vapour pins at the site. The PSI identified the following AEC at the site: imported fill material; onsite dry cleaner; use of pesticides; hazardous building materials; and off-site land uses (including dry cleaners and motor garages/service stations).

The boreholes encountered fill materials to depths of approximately 0.6mBGL to 1.3mBGL, underlain by sandy marine soils. A selection of soil and soil vapour samples were analysed for the CoPC identified in the CSM. Zinc was identified in fill soils at concentrations that exceeded the ecological SAC and concentrations of TCE and PCE in soil vapour exceeded the human health based SAC.

The Tier 1 risk assessment indicated that there is a potential vapour risk to human health under the current site configuration in regards to the reported TCE and PCE concentrations. The potential risk should be assessed by undertaking a site-specific human health risk assessment (HHRA) (Tier 2 risk assessment).

The PSI has identified contamination that requires further assessment as part of the proposed development of the site. Based on the results of the PSI, JKE recommend the following:

1. Engage a specialised human-health risk assessor to undertake a site-specific HHRA and provide advice regarding the reported soil vapour concentrations identified to mitigate any risks to the existing receptors;
2. Undertake a DSI to better characterise the contamination conditions at the site including any potential groundwater contamination. Due to site access constraints, JKE recommend undertaking the DSI post demolition but prior to removal of slabs and/or any soil disturbance;
3. Based on the results of the DSI and HHRA, prepare a Remediation Action Plan (RAP) for the site; and
4. Preparation of a validation assessment report for the remediation works undertaken at the site.

A Hazardous Building Materials Assessment (HAZMAT) should be undertaken for the existing buildings/structures at the site prior to the commencement of demolition work.

The requirement to report site contamination to the NSW EPA under the NSW EPA Guidelines on the Duty to Report Contamination under Section 60 of the CLM Act 1997 (2015)[15] must be assessed by a suitably qualified consultant following the DSI and HHRA.

JKE consider that the report objectives outlined in Section 1.2 have been addressed.

NSW EPA, (2015). *Guidelines on the Duty to Report Contamination under Section 60 of the CLM Act 1997* (referred to as Duty to Report Contamination)

11 LIMITATIONS

The report limitations are outlined below:

- JKE accepts no responsibility for any unidentified contamination issues at the site. Any unexpected problems/subsurface features that may be encountered during development works should be inspected by an environmental consultant as soon as possible;
- Previous use of this site may have involved excavation for the foundations of buildings, services, and similar facilities. In addition, unrecorded excavation and burial of material may have occurred on the site. Backfilling of excavations could have been undertaken with potentially contaminated material that may be discovered in discrete, isolated locations across the site during construction work;
- This report has been prepared based on site conditions which existed at the time of the investigation; scope of work and limitation outlined in the JKE proposal; and terms of contract between JKE and the client (as applicable);
- The conclusions presented in this report are based on investigation of conditions at specific locations, chosen to be as representative as possible under the given circumstances, visual observations of the site and immediate surrounds and documents reviewed as described in the report;
- Subsurface soil and rock conditions encountered between investigation locations may be found to be different from those expected. Groundwater conditions may also vary, especially after climatic changes;
- The investigation and preparation of this report have been undertaken in accordance with accepted practice for environmental consultants, with reference to applicable environmental regulatory authority and industry standards, guidelines and the assessment criteria outlined in the report;
- Where information has been provided by third parties, JKE has not undertaken any verification process, except where specifically stated in the report;
- JKE has not undertaken any assessment of off-site areas that may be potential contamination sources or may have been impacted by site contamination, except where specifically stated in the report;
- JKE accept no responsibility for potentially asbestos containing materials that may exist at the site. These materials may be associated with demolition of pre-1990 constructed buildings or fill material at the site;
- JKE have not and will not make any determination regarding finances associated with the site;
- Additional investigation work may be required in the event of changes to the proposed development or landuse. JKE should be contacted immediately in such circumstances;
- Material considered to be suitable from a geotechnical point of view may be unsatisfactory from a soil contamination viewpoint, and vice versa; and
- This report has been prepared for the particular project described and no responsibility is accepted for the use of any part of this report in any other context or for any other purpose.

Important Information About This Report

These notes have been prepared by JKE to assist with the assessment and interpretation of this report.

The Report is based on a Unique Set of Project Specific Factors
This report has been prepared in response to specific project requirements as stated in the JKE proposal document which may have been limited by instructions from the client. This report should be reviewed, and if necessary, revised if any of the following occur:

- The proposed land use is altered;
- The defined subject site is increased or sub-divided;
- The proposed development details including size, configuration, location, orientation of the structures or landscaped areas are modified;
- The proposed development levels are altered, eg addition of basement levels; or
- Ownership of the site changes.

JKE will not accept any responsibility whatsoever for situations where one or more of the above factors have changed since completion of the investigation. If the subject site is sold, ownership of the investigation report should be transferred by JKE to the new site owners who will be informed of the conditions and limitations under which the investigation was undertaken. No person should apply an investigation for any purpose other than that originally intended without first conferring with the consultant.

Changes in Subsurface Conditions
Subsurface conditions are influenced by natural geological and hydrogeological process and human activities. Groundwater conditions are likely to vary over time with changes in climatic conditions and human activities within the catchment (e.g. water extraction for irrigation or industrial uses, subsurface waste water disposal, construction related dewatering). Soil and groundwater contaminant concentrations may also vary over time through contaminant migration, natural attenuation of organic contaminants, ongoing contaminating activities and placement or removal of fill material. The conclusions of an investigation report may have been affected by the above factors if a significant period of time has elapsed prior to commencement of the proposed development.

This Report is based on Professional Interpretations of Factual Data
Site investigations identify actual subsurface conditions at the actual sampling locations at the time of the investigation. Data obtained from the sampling and subsequent laboratory analyses, available site history information and published regional information is interpreted by geologists, engineers or environmental scientists and opinions are drawn about the overall subsurface conditions, the nature and extent of contamination, the likely impact on the proposed development and appropriate remediation measures.

Actual conditions may differ from those inferred, because no professional, no matter how qualified, and no subsurface exploration program, no matter how comprehensive, can reveal what is hidden by earth, rock and time. The actual interface between materials may be far more gradual or abrupt than an investigation indicates. Actual conditions in areas not sampled may differ from predictions. Nothing can be done to prevent the unanticipated, but steps can be taken to help minimise the impact. For this reason, site owners should retain the services of their consultants throughout the development stage of the project, to identify variances, conduct additional tests which may be needed, and to recommend solutions to problems encountered on site.

Investigation Limitations
Although information provided by a site investigation can reduce exposure to the risk of the presence of contamination, no environmental site investigation can eliminate the risk. Even a rigorous professional investigation may not detect all contamination on a site. Contaminants may be present in areas that were not surveyed or sampled, or may migrate to areas which showed no signs of contamination when sampled. Contaminant analysis cannot possibly cover every type of contaminant which may occur; only the most likely contaminants are screened.

Misinterpretation of Site Investigations by Design Professionals

Costly problems can occur when other design professionals develop plans based on misinterpretation of an investigation report. To minimise problems associated with misinterpretations, the environmental consultant should be retained to work with appropriate professionals to explain relevant findings and to review the adequacy of plans and specifications relevant to contamination issues.

Logs Should not be Separated from the Investigation Report

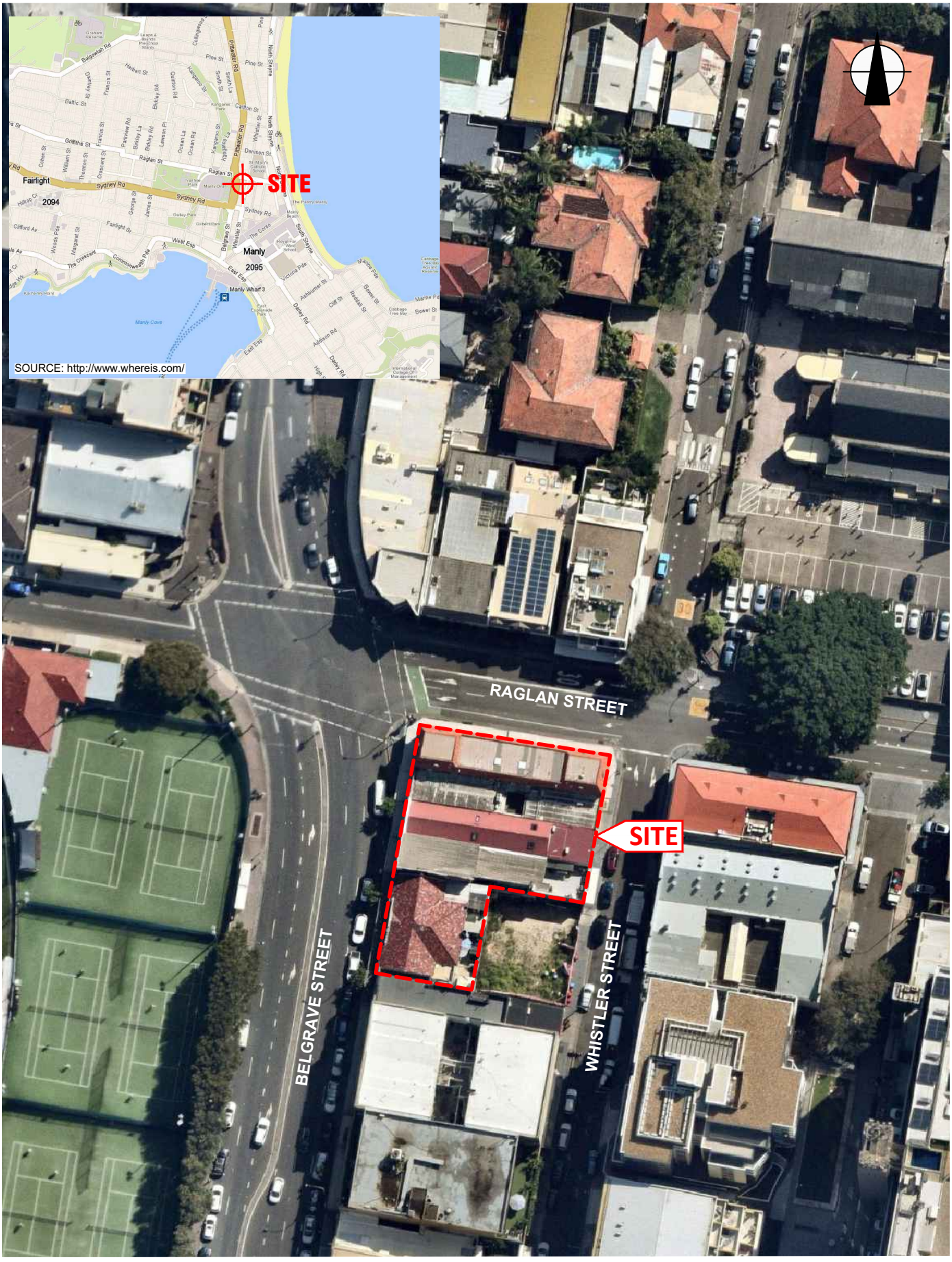
Borehole and test pit logs are prepared by environmental scientists, engineers or geologists based upon interpretation of field conditions and laboratory evaluation of field samples. Logs are normally provided in our reports and these should not be re-drawn for inclusion in site remediation or other design drawings, as subtle but significant drafting errors or omissions may occur in the transfer process. Photographic reproduction can eliminate this problem, however contractors can still misinterpret the logs during bid preparation if separated from the text of the investigation. If this occurs, delays, disputes and unanticipated costs may result. In all cases it is necessary to refer to the rest of the report to obtain a proper understanding of the investigation. Please note that logs with the 'Environmental Log' header are not suitable for geotechnical purposes as they have not been peer reviewed by a Senior Geotechnical Engineer.

To reduce the likelihood of borehole and test pit log misinterpretation, the complete investigation should be available to persons or organisations involved in the project, such as contractors, for their use. Denial of such access and disclaiming responsibility for the accuracy of subsurface information does not insulate an owner from the attendant liability. It is critical that the site owner provides all available site information to persons and organisations such as contractors.

Read Responsibility Clauses Closely

Because an environmental site investigation is based extensively on judgement and opinion, it is necessarily less exact than other disciplines. This situation has resulted in wholly unwarranted claims being lodged against consultants. To help prevent this problem, model clauses have been developed for use in written transmittals. These are definitive clauses designed to indicate consultant responsibility. Their use helps all parties involved recognise individual responsibilities and formulate appropriate action. Some of these definitive clauses are likely to appear in the environmental site investigation, and you are encouraged to read them closely. Your consultant will be pleased to give full and frank answers to any questions.

Appendix A: Report Figures



AERIAL IMAGE SOURCE: MAPS.AU.NEARMAP.COM

This plan should be read in conjunction with the Environmental report.

Title: **SITE LOCATION PLAN**

Location: 35-39, 40, 41, 42 & 43 BELGRAVE STREET, MANLY, NSW

Project No: E35999BT

Figure No: 1

JKEnvironments

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RAGLAN STREET

LOT 1 DP719821

LOT 1 DP34395

LOT 1 DP104766

▲ SV1

DRY CLEANER

LOT 1 DP100633

▲ SV2

▲ SV3

WHISTLER STREET

SP14133

BELGRAVE STREET

BH2 (1.3)

BH1 (0.6)

LOT 1 DP1288013

STORAGE DRUM, USED OIL

LEGEND

APPROXIMATE SITE BOUNDARY	
BH(Fill Depth)	BOREHOLE LOCATION, NUMBER AND DEPTH OF FILL (m)
▲ SV1	SOIL VAPOUR PIN

AERIAL IMAGE SOURCE: MAPS.AU.NEARMAP.COM

0 2.5 5 7.5 10 12.5

SCALE 1:250 @A3 METRES

This plan should be read in conjunction with the Environmental report.

Title: **SAMPLE LOCATION PLAN**

Location: 35-39, 40, 41, 42 & 43 BELGRAVE STREET, MANLY, NSW

Project No: E35999BT

Figure No: 2

JKEnvironments

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RAGLAN STREET

LOT 1 DP719821

LOT 1 DP34395

LOT 1 DP104766

SV1

DRY CLEANER

SV2 / SVDUP1	
TCE	0.15mg/m^3
PCE	40mg/m^3

LOT 1 DP100633

SV2

SV3	
TCE	0.18mg/m^3
PCE	13mg/m^3

SV3

WHISTLER STREET

BH1	0-0.1m
Zinc	580mg/kg

SP14133

BH2 (1.3)

BH1 (0.6)

LOT 1 DP1288013

BELGRAVE STREET

STORAGE DRUM, USED OIL

LEGEND

- APPROXIMATE SITE BOUNDARY
- BH(Fill Depth) BOREHOLE LOCATION, NUMBER AND DEPTH OF FILL (m)
- SV1 SOIL VAPOUR PIN

SAMPLE ID	DEPTH (metres)
CHEMICAL	CONCENTRATION

SOIL/SURFACE SAMPLE EXCEEDANCE

- SOIL VAPOUR CONCENTRATE ABOVE HUMAN HEALTH SAC
- SOIL CONCENTRATE ABOVE ECOLOGICAL SAC

AERIAL IMAGE SOURCE: MAPS.AU.NEARMAP.COM

0 2.5 5 7.5 10 12.5

SCALE 1:250 @A3 METRES

This plan should be read in conjunction with the Environmental report.

Title: **SAC EXCEEDANCE PLAN**

Location: 35-39, 40, 41, 42 & 43 BELGRAVE STREET, MANLY, NSW

Project No: E35999BT

Figure No: 3

JKEnvironments

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Appendix B: Site Information and Site History

Proposed Development Plans

SJB Architects

We would like to Acknowledge the Traditional Custodians of the land on which we live and practice. We pay our respects to elders past, present and emerging, whose knowledge has cared for, and will continue to care for Country. We acknowledge that sovereignty was never ceded.



PRELIMINARY

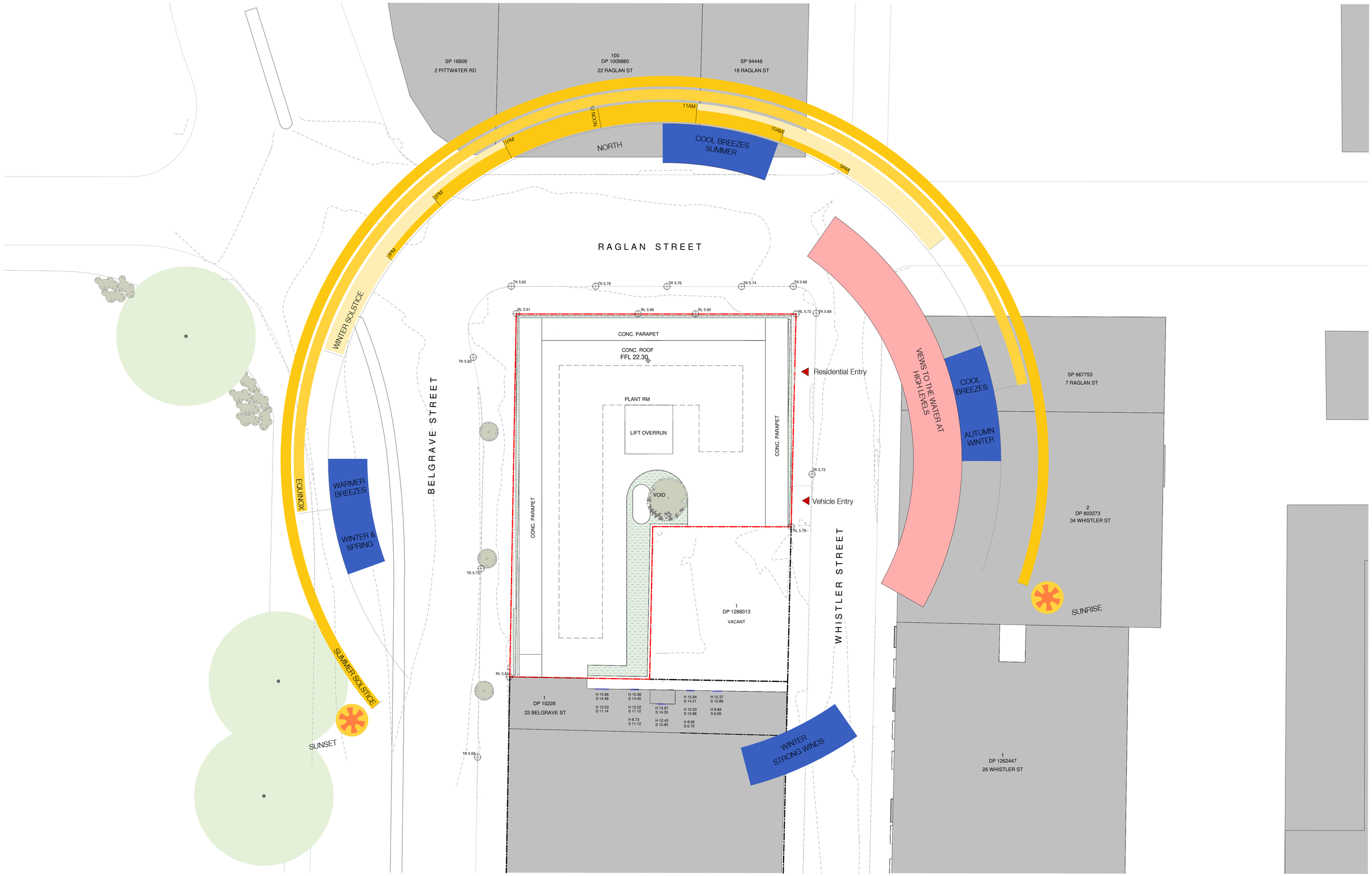
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40,41,42,43 Belgrave Street,
Manly NSW 2095

SJB Architects
Level 2, 490 Crown Street
Surry Hills NSW
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www.sjb.com.au

Project Number: **6693**
Date:
Client: **TIME PLACE**

Contents



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2	2023/04/13	PRELIMINARY	EW	TD

Client
TIME& PLACE

Project
BELGRAVE ST - MANLY
40,41,42,43 Belgrave Street, Manly NSW 2095

Drawing Name
SITE PLAN AND SITE ANALYSIS

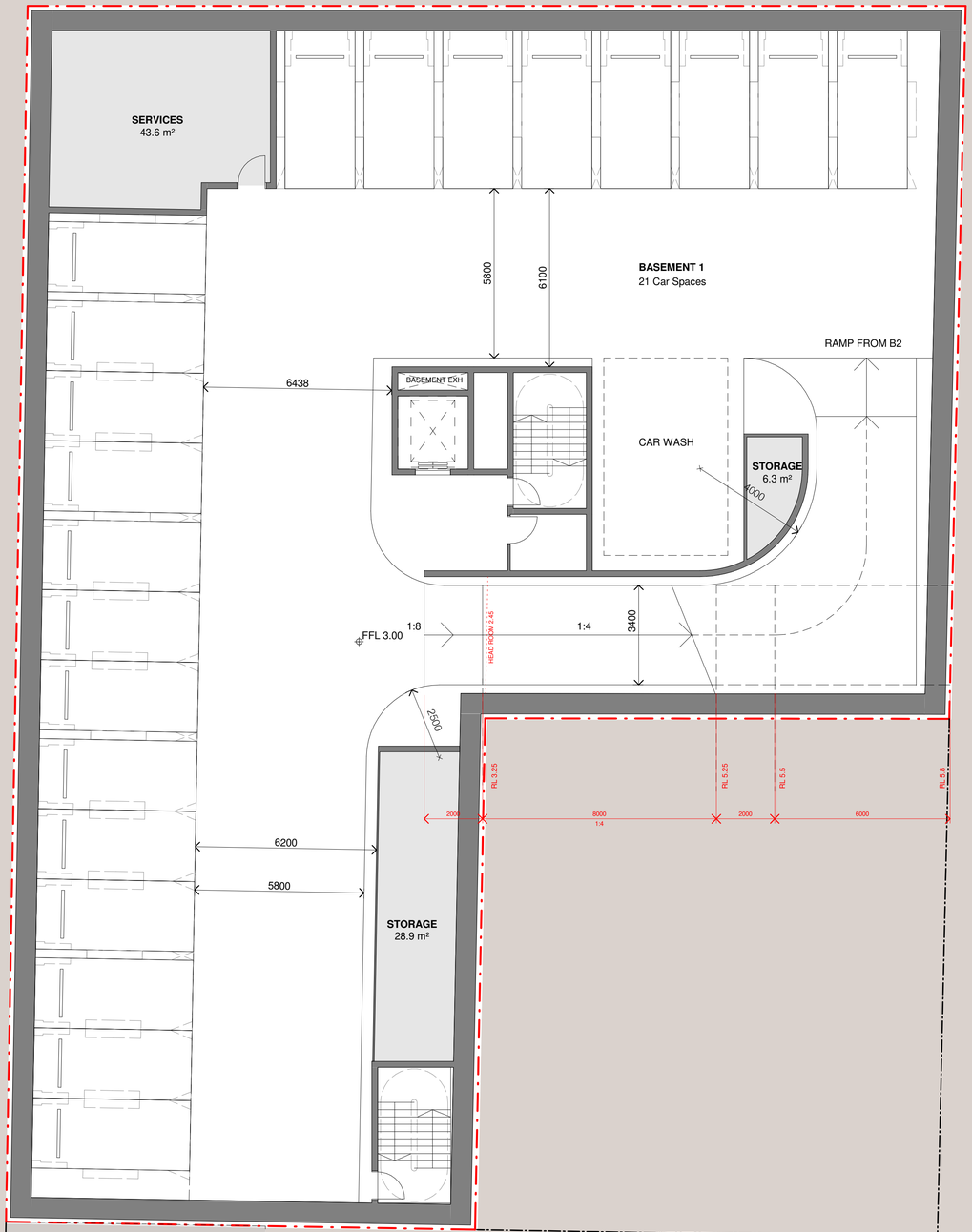
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RAGLAN STREET

BELGRAVE STREET

WHISTLER STREET



DA-1404 1

1 DA-1501

1 DA-1501

SP 667753
7 RAGLAN ST

2
DP 803273
34 WHISTLER ST

1
DP 1262447
26 WHISTLER ST

1
DP 10228
33 BELGRAVE ST

3 STOREY RENDERED BRICK BUILDING

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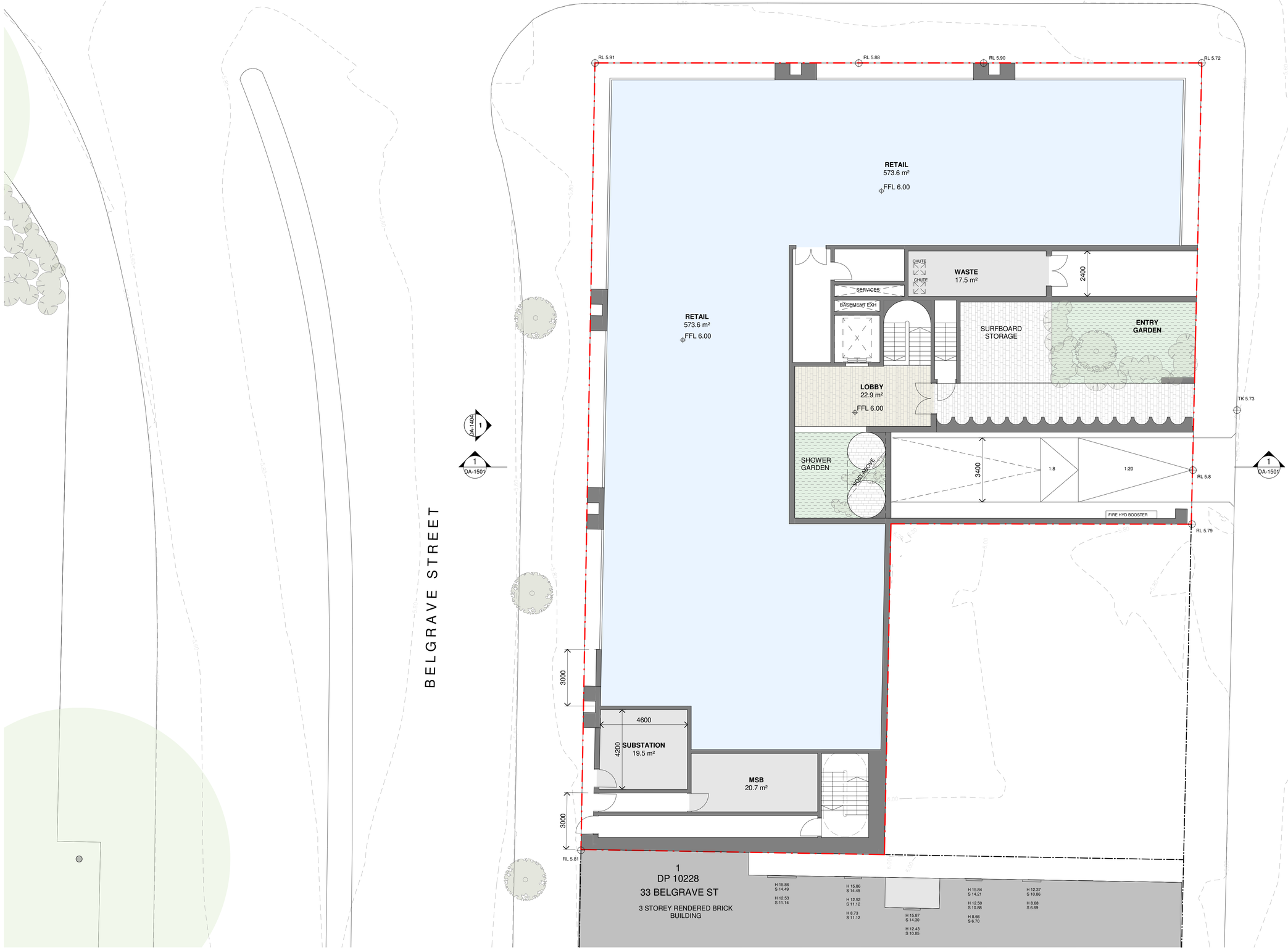
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0 1 2 5m
1:100 @A1

Rev	Date	Revision	By	Chk.
1	2023/04/13	PRELIMINARY	EW	TD

Client
TIME& PLACE

Project
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Drawing Name
GROUND FLOOR

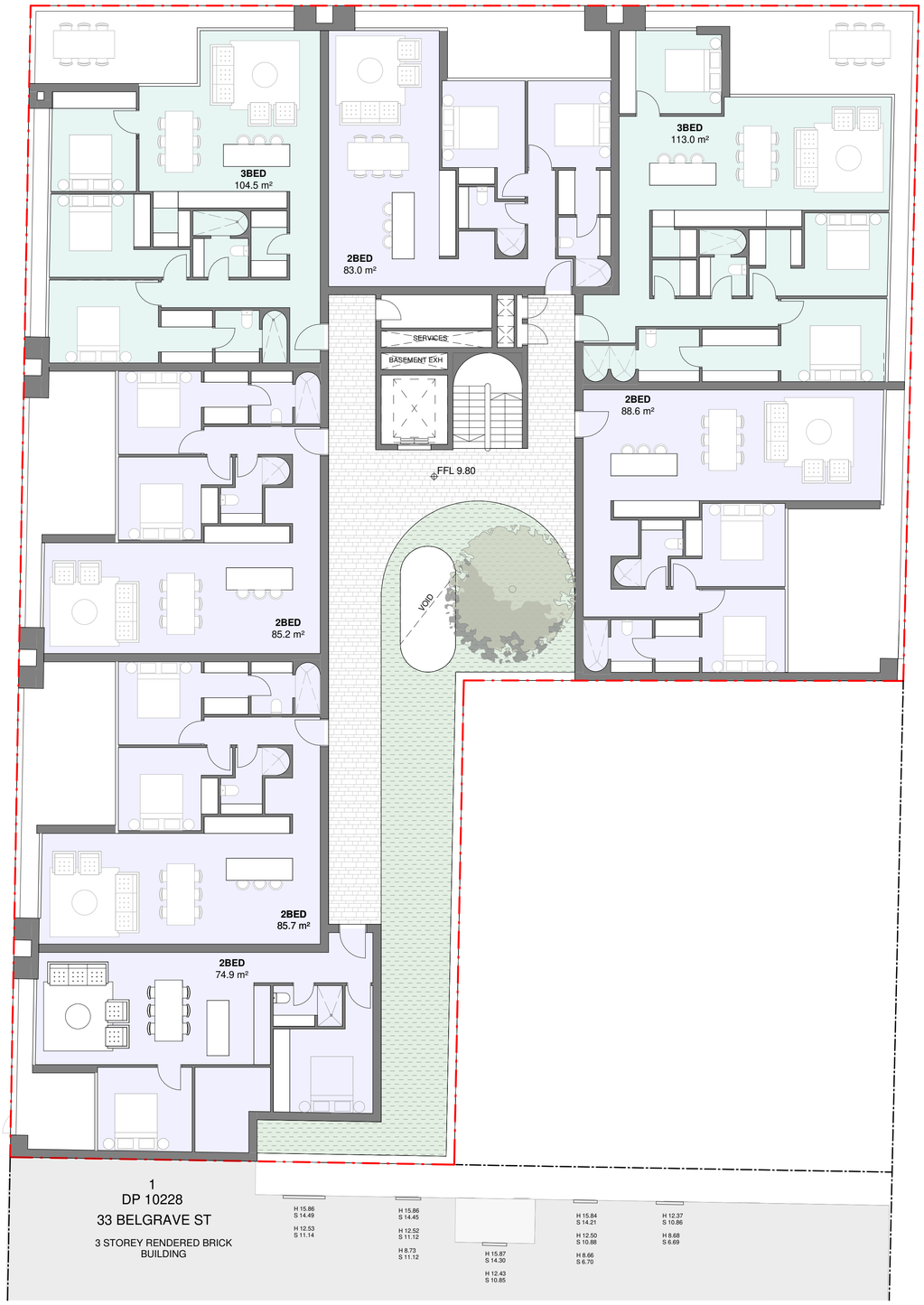
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1 DA-1501
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DP 1262447
26 WHISTLER ST

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Nominated Architects: Adam Haddow-7188 | John Pradel-7004

0 1 2 5m
1:100 @A1

Rev	Date	Revision	By	Chk.
1	2023/04/13	PRELIMINARY	EW	TD

Client
TIME& PLACE

Project
BELGRAVE ST - MANLY
40,41,42,43 Belgrave Street, Manly NSW 2095

Drawing Name
TYPICAL PLAN

Date	Scale	Sheet Size
2023/04/13	1 : 100	@ A1
Drawn	Chk.	Job No.
Author	Checker	6693
Drawing No.		Revision
DA-0113		/ 1

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Surry Hills NSW
2010 Australia
T 61 2 9380 9911
www.sjb.com.au

RAGLAN STREET

BELGRAVE STREET

WHISTLER STREET

3BED
150.9 m²

3BED
151.6 m²

3BED
151.2 m²

3BED
150.4 m²

1
DP 10228
33 BELGRAVE ST

3 STOREY RENDERED BRICK
BUILDING

H 15.86
S 14.49

H 12.53
S 11.14

H 15.86
S 14.45

H 12.52
S 11.12

H 8.73
S 11.12

H 15.87
S 14.30

H 12.43
S 10.85

H 15.84
S 14.21

H 12.50
S 10.88

H 8.66
S 6.70

H 12.37
S 10.86

H 8.68
S 6.69

SP 667753
7 RAGLAN ST

2
DP 803273
34 WHISTLER ST

1
DP 1262447
26 WHISTLER ST

1 / DA-1401

1 / DA-1501

1 / DA-1501

1 / DA-1501

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Nominated Architects: Adam Haddow-7188 | John Pradel-7004

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Rev	Date	Revision	By	Chk.
1	2023/04/13	PRELIMINARY	EW	TD

Client

TIME& PLACE

Project

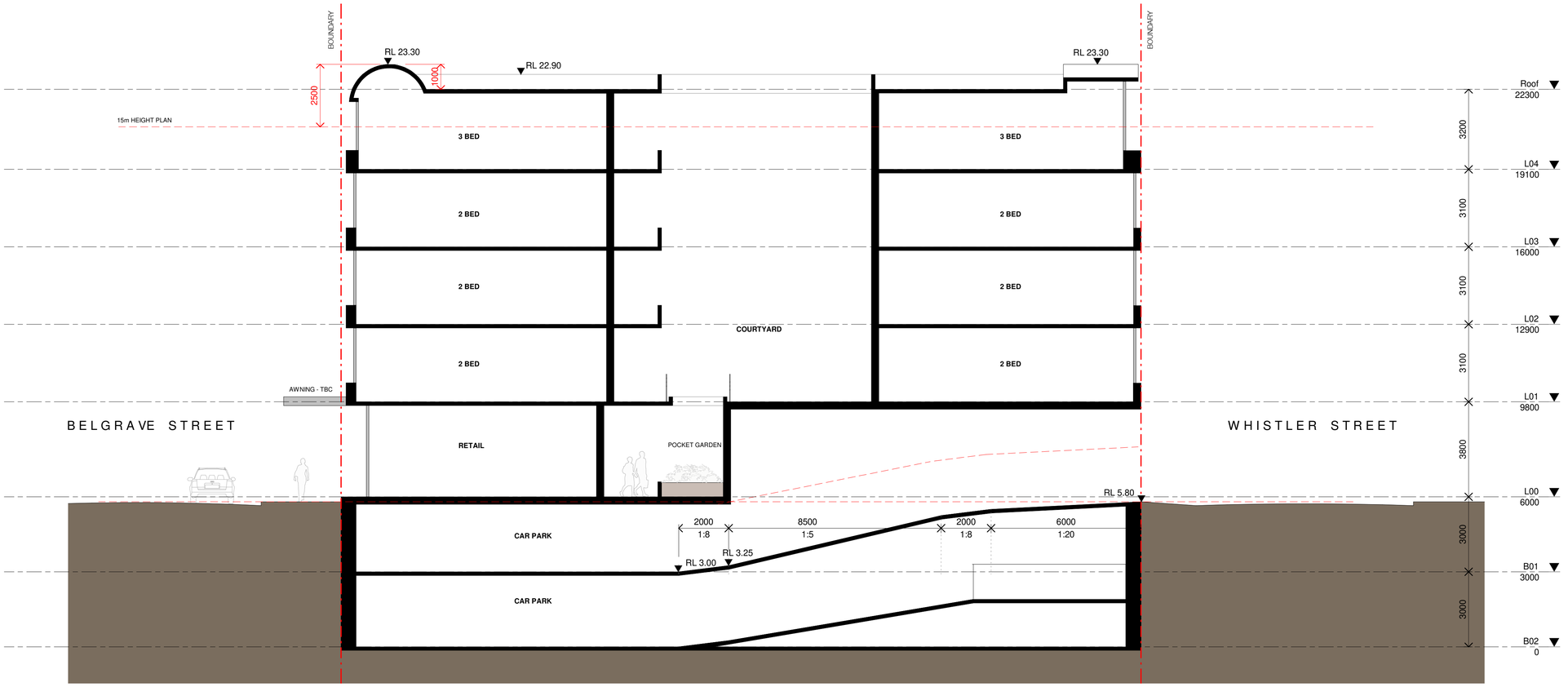
BELGRAVE ST - MANLY
40,41,42,43 Belgrave Street, Manly NSW 2095

Drawing Name

LEVEL 4

Date	Scale	Sheet Size
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Drawn	Chk.	Job No.
Author	Checker	6693
Drawing No.		Revision
DA-0114		/ 1

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0 1 2 5m
1:100 @A1

Rev	Date	Revision	By	Chk.
1	2023/03/31	PRELIMINARY	EW	TD
2	2023/04/13	PRELIMINARY	EW	TD

Client
TIME& PLACE

Project
BELGRAVE ST - MANLY
40,41,42,43 Belgrave Street, Manly NSW 2095

Drawing Name
SECTION A

Date	Scale	Sheet Size
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Drawn	Chk.	Job No.
Author	Checker	6693
Drawing No.		Revision
DA-1501		/ 2

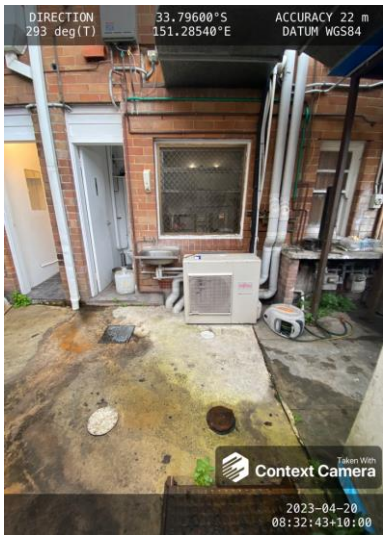
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Selected Site Photos

Project Ref: E35999BT Manly
Site Address: 35-39, 40, 41, 42, & 43 Belgrave Street, Manly, NSW
Selected Site Photos Dated: 20 April 2023



Photograph 1: A 44 gallon drum of used cooking oil, with surface staining around base evident, rear of restaurant.



Photograph 2: Grease trap at rear of restaurant.

Lotsearch Environmental Risk and Planning Report

LOTSEARCH

LOTSEARCH ENVIRO PROFESSIONAL

Date: 20 Apr 2023 15:36:18

Reference: LS042649 EP

Address: 35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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	14/02/2023	14/02/2023	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	24/03/2023	10/03/2023	Monthly	1000m	0	0	2
Contaminated Land Records of Notice	Environment Protection Authority	30/03/2023	30/03/2023	Monthly	1000m	0	0	0
Former Gasworks	Environment Protection Authority	06/12/2022	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	4
EPA PFAS Investigation Program	Environment Protection Authority	29/03/2023	23/09/2022	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Investigation Sites	Department of Defence	14/02/2023	14/02/2023	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Management Sites	Department of Defence	14/02/2023	14/02/2023	Monthly	2000m	0	0	0
Airservices Australia National PFAS Management Program	Airservices Australia	30/03/2023	30/03/2023	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	30/03/2023	30/03/2023	Monthly	1000m	0	0	0
Delicensed POEO Activities still regulated by the EPA	Environment Protection Authority	30/03/2023	30/03/2023	Monthly	1000m	0	0	1
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority	30/03/2023	30/03/2023	Monthly	1000m	0	0	3
UBD Business Directories (Premise & Intersection Matches)	Hardie Grant			Not required	150m	60	498	1169
UBD Business Directories (Road & Area Matches)	Hardie Grant			Not required	150m	-	395	427
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Premise & Intersection Matches)	Hardie Grant			Not required	500m	8	62	284
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Road & Area Matches)	Hardie Grant			Not required	500m	-	95	119
Points of Interest	NSW Department of Customer Service - Spatial Services	19/10/2022	19/10/2022	Quarterly	1000m	0	8	86
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	16/02/2023	16/02/2023	Quarterly	1000m	0	1	3
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	16/02/2023	31/12/2022	Annually	1000m	0	0	0
Hydrogeology Map of Australia	Commonwealth of Australia (Geoscience Australia)	29/08/2022	19/08/2019	As required	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	5	53

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	7
NSW Seamless Geology – Single Layer: Trendlines	Department of Regional NSW	17/02/2022	01/05/2021	Annually	1000m	0	0	0
NSW Seamless Geology – Single Layer: Geological Boundaries and Faults	Department of Regional NSW	17/02/2022	01/05/2021	Annually	1000m	0	0	0
Naturally Occurring Asbestos Potential	NSW Dept. of Industry, Resources & Energy	04/12/2015	24/09/2015	Unknown	1000m	0	0	0
Atlas of Australian Soils	Australian Bureau of Agriculture and Resource Economics and Sciences (ABARES)	19/05/2017	17/02/2011	As required	1000m	1	1	1
Soil Landscapes of Central and Eastern NSW	NSW Department of Planning, Industry and Environment	18/08/2022	27/07/2020	Annually	1000m	1	2	6
Environmental Planning Instrument Acid Sulfate Soils	NSW Department of Planning, Industry and Environment	28/02/2023	02/12/2022	Monthly	500m	1	-	-
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	14/02/2023	14/02/2023	Quarterly	1000m	0	0	0
Current Mining Titles	NSW Department of Industry	13/02/2023	13/02/2023	Monthly	1000m	0	0	0
Mining Title Applications	NSW Department of Industry	13/02/2023	13/02/2023	Monthly	1000m	0	0	0
Historic Mining Titles	NSW Department of Industry	13/02/2023	13/02/2023	Monthly	1000m	12	12	13
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	15/12/2022	02/12/2022	Monthly	1000m	1	10	77
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	2	5
Environmental Planning Instrument Local Heritage	NSW Department of Planning, Industry and Environment	28/02/2023	17/02/2023	Monthly	1000m	0	9	286
Bush Fire Prone Land	NSW Rural Fire Service	17/04/2023	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	5
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	17/04/2023	17/04/2023	Weekly	10000m	-	-	-

Site Diagram

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Legend

- Site Boundary
- Internal Parcel Boundaries

Total Area: 1081m²

Total Perimeter: 149m

Disclaimers:

Measurements are approximate only and may have been simplified or smaller lengths removed for readability.

Parcels that make up a small percentage of the total site area have not been labelled for increased legibility.

Scale: 0 5 10 Meters

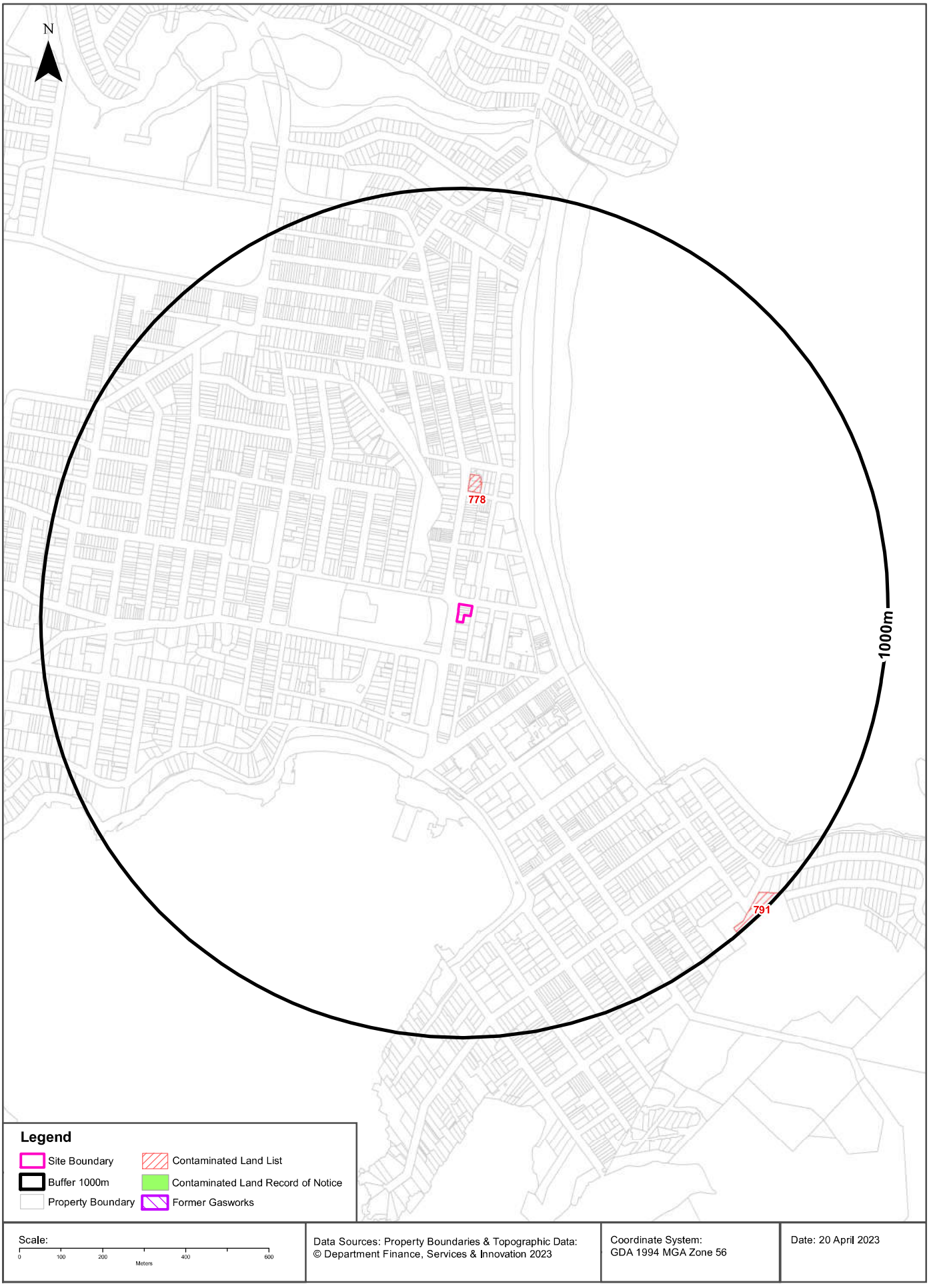
Data Source Aerial Imagery:
© Aerometrex Pty Ltd

Coordinate System:
GDA 1994 MGA Zone 56

Date: 20 April 2023

Contaminated Land

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Contaminated Land

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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
778	Caltex Service Station	86 Pittwater Road	Manly	Service Station	Regulation under CLM Act not required	Current EPA List	Premise Match	272m	North
791	St Patrick's Estate	151 Darley Road	Manly	Unclassified	Regulation under CLM Act not required	Current EPA List	Premise Match	959m	South East

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

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

Contaminated Land: Records of Notice

Record of Notices within the dataset buffer:

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

Contaminated Land Records of Notice Data Source: Environment Protection Authority
© State of New South Wales through the Environment Protection Authority
Terms of use and disclaimer for Contaminated Land: Record of Notices, please visit
http://www.epa.nsw.gov.au/clm/clmdisclaimer.htm

Former Gasworks

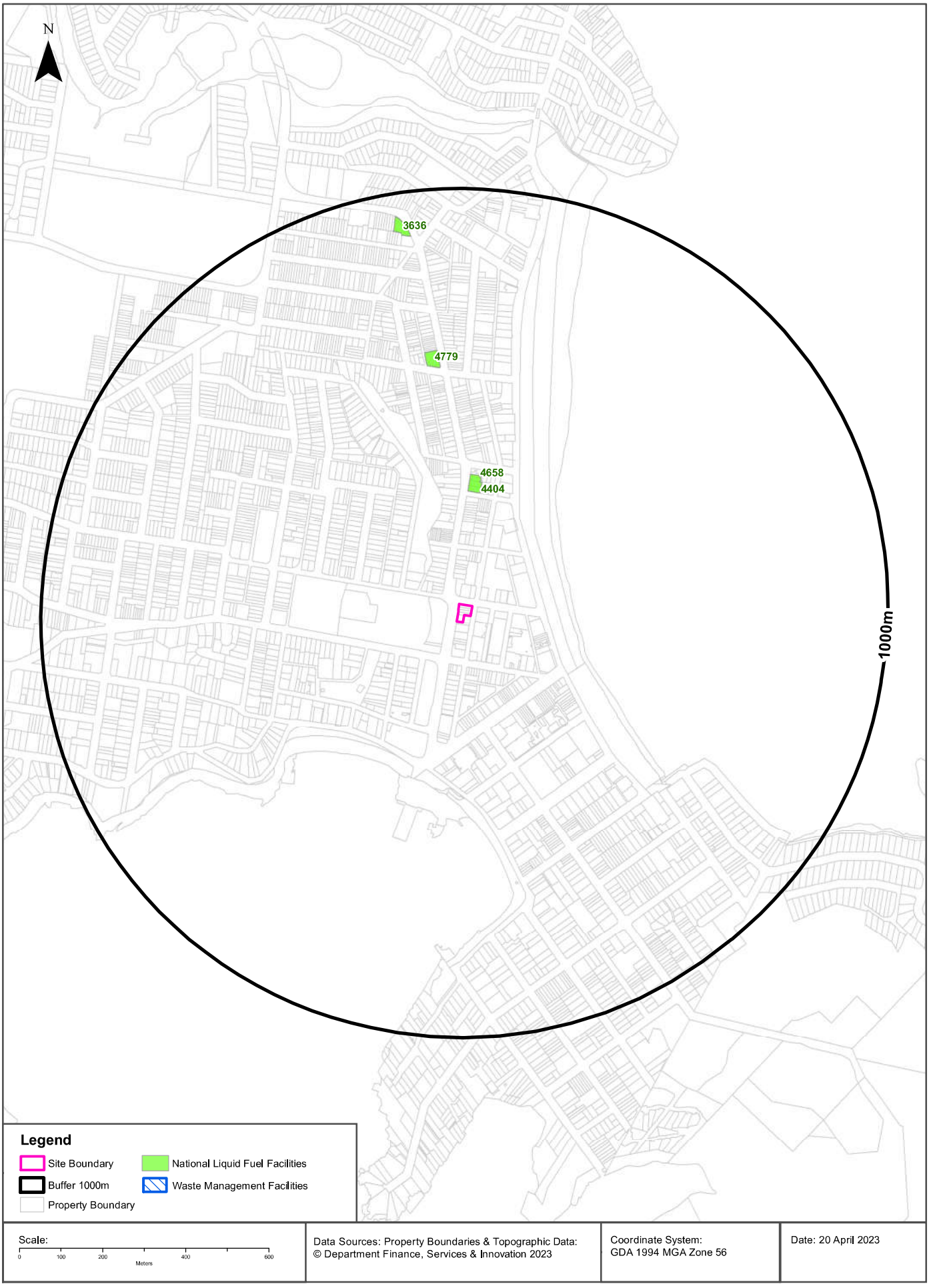
Former Gasworks within the dataset buffer:

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

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

Waste Management & Liquid Fuel Facilities

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Waste Management & Liquid Fuel Facilities

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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 Facilties within the dataset buffer:

Map Id	Owner	Name	Address	Suburb	Class	Operational Status	Operator	Revision Date	Loc Conf	Dist	Direction
4404	Caltex	Caltex Manly	88-90 Pittwater Road	Manly	Petrol Station	Operational		25/07/2011	Premise Match	272m	North
4658	Caltex	Caltex Manly	92 Pittwater Road	Manly	Petrol Station	Operational		25/07/2011	Premise Match	272m	North
4779	BP	BP Manly	131-139 Pittwater Road	Manly	Petrol Station	Operational		25/07/2011	Premise Match	570m	North
3636	United	Manly	209 Pittwater Road	Manly	Petrol Station	Operational		25/07/2011	Premise Match	891m	North

National Liquid Fuel Facilities Data Source: Geoscience Australia
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PFAS Investigation & Management Programs

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

Licensed Activities under the POEO Act 1997

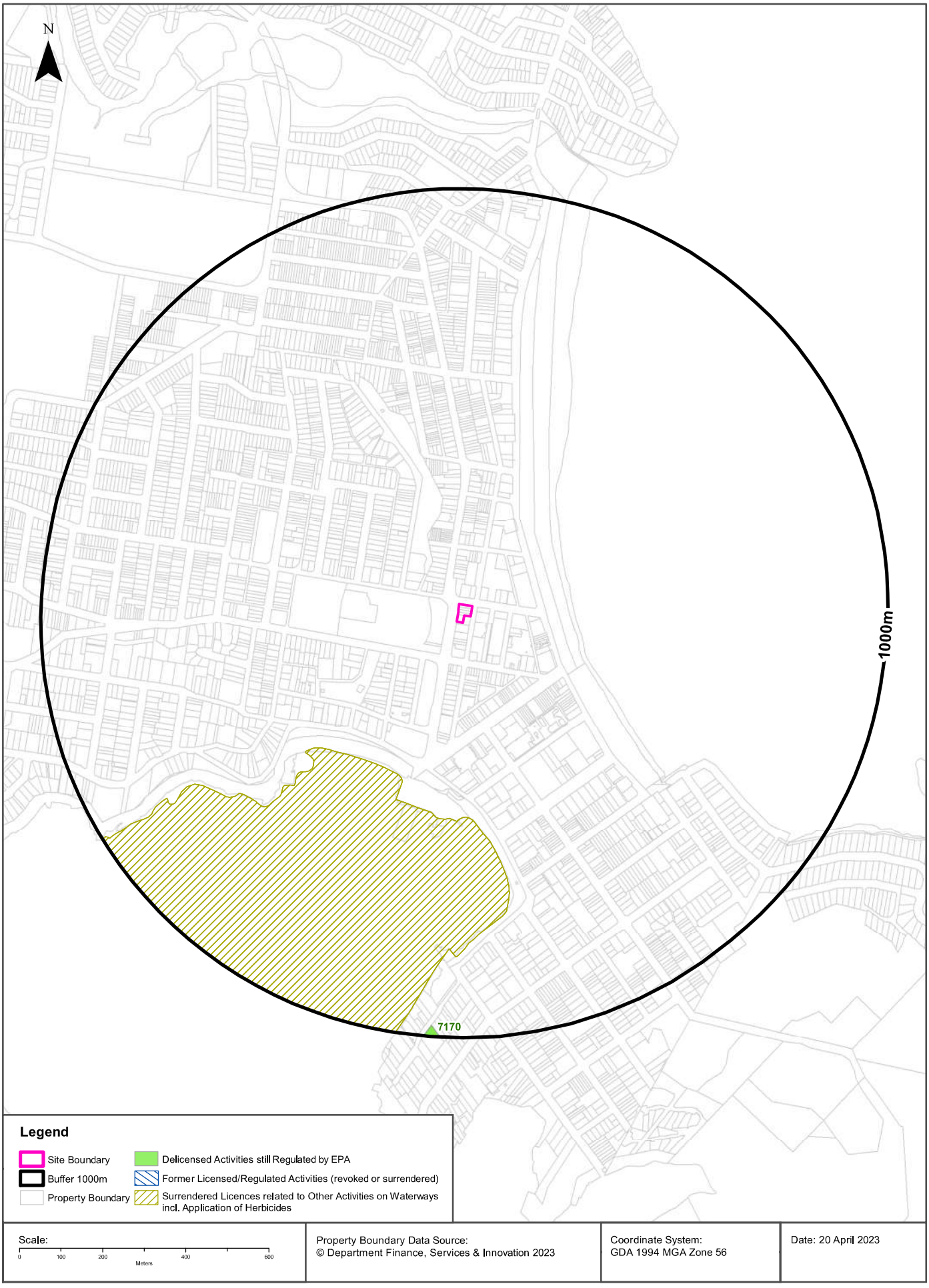
Licensed activities under the Protection of the Environment Operations Act 1997, within the dataset buffer:

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

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

Delicensed & Former Licensed EPA Activities

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



EPA Activities

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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
7170	MACQUARIE HOSPITAL SERVICES PTY. LIMITED	MANLY WATERS PRIVATE HOSPITAL	17 COVE AVENUE	MANLY	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	972m	South

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	392m	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	392m	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	392m	South West

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

Historical Business Directories

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



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: 0 25 50 75 100 Meters

Coordinate System: GDA 1994 MGA Zone 56

Date: 20 April 2023

Data Sources: Reproduced with permission of UBD and Hardie Grant Media Pty Ltd DD 01/08/2018
Property Boundaries © NSW Department Finance, Services & Innovation 2023

Historical Business Directories

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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	Real Estate Agents	Laing & Simmons Manly, 42 Belgrave St., Manly 2095	60409	1991	Premise Match	0m	On-site
	CHIROPRACTORS.	Treacy, Damian, 42 Belgrave St., Manly. 2095	15295	1986	Premise Match	0m	On-site
	Butchers - Retail	Montgomery's., 42 Belgrave St., Manly	58890	1965	Premise Match	0m	On-site
	BUTCHERS-RETAIL	Montgomery's., 42 Belgrave St., Manly	280808	1961	Premise Match	0m	On-site
2	DRY CLEANERS & PRESSERS.	Daisy Fresh, 40 Belgrave St., Manly. 2095	25274	1986	Premise Match	0m	On-site
	DRY CLEANERS & PRESSERS.(D8500)	Daisy Fresh, 40 Belgrave St., Manly. 2095.	23802	1982	Premise Match	0m	On-site
	SECOND-HAND DEALERS.	Jo's Palace., 40 Belgrave St., Manly. 2095	76403	1975	Premise Match	0m	On-site
	CHEMISTS-PHARMACEUTICAL	Green, George, 40 Belgrave St., Manly	280446	1970	Premise Match	0m	On-site
	Chemists - Pharmaceutical	Green, George, 40 Belgrave St., Manly	65067	1965	Premise Match	0m	On-site
	CHEMISTS-PHARMACEUTICAL	Parle, W. L., 40 Belgrave St., Manly	287968	1961	Premise Match	0m	On-site
	CHEMISTS-PHARMACEUTICAL	Quilty, V. J., 40 Belgrave St., Manly	288018	1961	Premise Match	0m	On-site
3	RESTAURANTS.	Gina's, 34 Belgrave St., Manly. 2095	81671	1986	Premise Match	0m	On-site
	HAIRDRESSERS-LADIES &/OR BEAUTY SALONS.	Pats Hair Stylists, 38 Belgrave St., Manly. 2095	42902	1986	Premise Match	0m	On-site
	HAIRDRESSERS-MENS.	Pats Hair Stylists, 38 Belgrave St., Manly. 2095	43985	1986	Premise Match	0m	On-site
	BEAUTICIANS.	Pink Beauty Spot, The 36 Belgrave St, Manly. 2095	5830	1986	Premise Match	0m	On-site
	JEWELLERS &/OR WATCHMAKERS-RETAIL.	Sebestyen, A. & G. 35 Belgrave St., Manly. 2095	49957	1986	Premise Match	0m	On-site
	WATCHMAKERS - REPAIRS TO THE TRADE.	Sebestyen, A. & G., 35 Belgrave St., Manly. 2095	98374	1986	Premise Match	0m	On-site
	RESTAURANTS. (R5180)	Gina's, 34 Belgrave St., Manly. 2095.	70902	1982	Premise Match	0m	On-site
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS. (B2000)	Pats Hair Stylists, 38 Belgrave St., Manly. 2095.	6308	1982	Premise Match	0m	On-site
	HAIRDRESSERS - GENTS. (H0550)	Pats Hair Stylists, 38 Belgrave St., Manly. 2095.	38688	1982	Premise Match	0m	On-site
	BABY &/OR CHILDRENS WEAR -RETAIL. (B0080)	Pit-A-Pat, 36 Belgrave St., Manly. 2095.	4428	1982	Premise Match	0m	On-site
	JEWELLERS &/OR WATCHMAKERS RETAIL. (J0550)	Sebestyen, A. & G., 35 Belgrave St., Manly. 2095.	43758	1982	Premise Match	0m	On-site
	WATCHMAKERS - REPAIRS TO THETRADE. (W1280)	Sebestyen, A. & G., 35 Belgrave St., Manly. 2095.	83909	1982	Premise Match	0m	On-site
	HAIRDRESSERS-GENTS.	Pats Hair Stylists, 38 Belgrave St., Manly. 2095	34667	1978	Premise Match	0m	On-site
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Pats Hair Stylists. 38 Belgrave St., Manly. 2095	5435	1978	Premise Match	0m	On-site

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
3	BABY &/OR CHILDRENS WEAR- RETAIL.	Pit-A-Pat, 36 Belgrave St., Manly 2095	4085	1978	Premise Match	0m	On-site
	WATCHMAKERS-REPAIRSTOTHE TRADE.	Sebestyen, A. & G., 35 Belgrave St., Manly.2095	73968	1978	Premise Match	0m	On-site
	JEWELLERS &/OR WATCHMAKERS-RETAIL.	Sebestyen. A. & G., 35 Belgrave St., Manly. 2095	38986	1978	Premise Match	0m	On-site
	WATCHMAKERS., REPAIRS TO THE TRADE	Catchlove's, 35 Belgrave St., Manly. 2095	86584	1975	Premise Match	0m	On-site
	JEWELLERS &/OR WATCHMAKERS-RETAIL	Catchlove's., 35 Belgrave St., Manly. 2095	45863	1975	Premise Match	0m	On-site
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Pats Hair Stylists, 38 Belgrave St., Manly. 2095	5762	1975	Premise Match	0m	On-site
	HAIRDRESSERS-GENTS.	Pats Hair Stylists. 38 Belgrave St., Manly. 2095	40806	1975	Premise Match	0m	On-site
	BABY &/OR CHILDRENS WEAR- RETAIL	Pit-A-Pat Baby Wear, 36 Belgrave St., Manly. 2095	3920	1975	Premise Match	0m	On-site
	HAIRDRESSERS (GENT.'S) (H070)	Johnson, P., 38-39 Belgrave St., Manly	314055	1970	Premise Match	0m	On-site
	BABY & CHILDREN'S WEAR-RETAIL(B005)	Pit-A-Pat Baby Wear., 36 Belgrave St., Manly	264250	1970	Premise Match	0m	On-site
	JEWELLERS/WATCHMAKERS-RETAIL(J060)	Tofler, Lionel D. Pty. Ltd., 35 Belgrave St., Manly & Dee Why	321324	1970	Premise Match	0m	On-site
	Electrical Supplies/Appliances Retailers	Caldecott, H. W, S. & Co., 39 Belgrave St., Manly	79344	1965	Premise Match	0m	On-site
	Electrical Contractors - Licensed	Caldecott, H. W. S. & Co., 39 Belgrave St. Manly	78715	1965	Premise Match	0m	On-site
	Radio &/Or Television Sales & Servicemen	Caldecott, H. W. S. & Co., 39 Belgrave St. Manly	138279	1965	Premise Match	0m	On-site
	Mercers - Men's & Boys' Outfitters	Holliday-for-Holiday-Wear., 38 Belgrave St., Manly	113291	1965	Premise Match	0m	On-site
	Baby & Children's Wear - Retail	Pit-A-Pat Baby Wear., 36 Belgrave St., Manly	48971	1965	Premise Match	0m	On-site
	Jewellers/Watchmakers - Retail	Tofler, Lionel D. Pty. Ltd., 35 Belgrave St., Manly, & Dee Why	106253	1965	Premise Match	0m	On-site
	China, Crockery, Crystal, Cutlery, Earthenware, Glassware & Silverware Dealers	Toyer, Lionel D. Pty. Ltd., 35 Belgrave St., Manly & Dee Why	66077	1965	Premise Match	0m	On-site
	RADIO &/OR TELEVISION SALES & SERVICEMEN	Caldecott, H. W. S. & Co., 39 Belgrave St. MANLY	364319	1961	Premise Match	0m	On-site
	ELECTRICAL CONTRACTORS-LICENSED	Caldecott, H. W. S. & Co., 39 Belgrave St., Manly	301717	1961	Premise Match	0m	On-site
	ELECTRICAL SUPPLIES/APPLIANCES RETAILERS	Caldecott, H. W. S. & Co., 39 Belgrave St., Manly	303049	1961	Premise Match	0m	On-site
	MERCERS—MEN'S & BOYS' OUTFITTERS	Holliday-for-Holiday-Wear 38 Belgrave St., Manly	336952	1961	Premise Match	0m	On-site
	BABY & CHILDREN'S WEAR-RETAIL	Pit-A-Pat Baby Wear., 36 Belgrave St., Manly	270616	1961	Premise Match	0m	On-site
	CLOTHING MFRS. &/OR W'SALERS-LADIES' DRESSES & GOWNS	Pit-A-Pat, 36 Belgrave St., Manly	290241	1961	Premise Match	0m	On-site
	JEWELLERS/WATCHMAKERS—RETAIL	Tofler, Lonel D., 35 Belgrave St., Manly	329396	1961	Premise Match	0m	On-site
	DRAPERS-RETAIL	Oval Drapery Store, 38 Belgrave St., Manly	33891	1950	Premise Match	0m	On-site
	CAKE SHOPS & PASTRYCOOKS	Renown, 35 Belgrave St., Manly	17154	1950	Premise Match	0m	On-site
	DRAPERS-RETAIL	Stapleton, A. E. and Co., 38 Belgrave St., Manly	33995	1950	Premise Match	0m	On-site
4	FURNITURE &/OR FURNISHINGS-RETAIL.	Honey's Furniture, 41 Belgrave Rd., Manly 2095	37217	1986	Premise Match	0m	On-site
	FURNITURE DEALERS-SECONDHAND.	Honey's Furniture, 41 Belgrave St., Manly 2095	37012	1986	Premise Match	0m	On-site
	FURNITURE &/OR FURNISHINGS-RETAIL. (F7625)	Honey's Furniture, 41 Belgrave Rd., Manly. 2095.	34725	1982	Premise Match	0m	On-site

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
4	FURNITURE REMOVALISTS &/OR STORAGE. (F8900)	Honeys Removals, 41 Belgrave St., Manly. 2095.	35471	1982	Premise Match	0m	On-site
	AUCTIONEERS-GENERAL. (A8310)	Manly Furniture Auctions Pty. Ltd., 41 Belgrave St., Manly. 2095.	3816	1982	Premise Match	0m	On-site
	AUCTIONEERS-GENERAL.	Manly Furniture Auctions Pty. Ltd., 41 Belgrave St., Manly. 2095	3625	1978	Premise Match	0m	On-site
	AUCTIONEERS-GENERAL	Manly Furniture Auctions Pty. Ltd., 41 Belgrave St., Manly. 2095	3372	1975	Premise Match	0m	On-site
5	ANIMAL &/OR BIRD DEALERS.	Manly Pet Supplies, 19 Whistler St, Manly. 2095	2969	1986	Premise Match	0m	South
	ANIMAL &/OR BIRD FOOD SUPPLIES.	Manly Pet Supplies, 19 Whistler St., Manly. 2095	3037	1986	Premise Match	0m	South
	FRUITERERS &/OR GREENGROCERS. (F6775)	Manly Growers, 21 Whistler St., Manly. 2095.	33728	1982	Premise Match	0m	South
	ANIMAL &/OR BIRD FOOD SUPPLIES. (A5880)	Manly Pet Supplies, 19 Whistler St., Manly, 2095.	2746	1982	Premise Match	0m	South
	ANIMAL &/OR BIRD DEALERS. (A5850)	Manly Pet Supplies, 19 Whistler St., Manly. 2095.	2655	1982	Premise Match	0m	South
	WINE &/OR SPIRIT MERCHANTS- RETAIL.	Farrugia, L. G., 19 Whistler St., Manly. 2095	74717	1978	Premise Match	0m	South
	ANIMAL &/OR BIRD DEALERS.	Manly Pet Supplies, 19 Whistler St., Manly. 2095	2478	1978	Premise Match	0m	South
	ANIMAL &/OR BIRD FOOD SUPPLIES.	Manly Pet Supplies, 19 Whistler St., Manly. 2095	2551	1978	Premise Match	0m	South
	SOLICITORS (S413)	Webb, H. Wilshire, Son & Doyle, 21c Whistler St., Manly	363141	1970	Premise Match	0m	South
	SOLICITORS (S413)	Wilshlre, H. Webb, Son & Doyle, 21c Whistler St., Manly	363179	1970	Premise Match	0m	South
	SOLICITORS	Webb, H. Wilshire, Son & Doyle., 21c Whistler St., Manly	146218	1965	Premise Match	0m	South
	SOLICITORS	Wilshire, H. Webb, Son & Doyle, 21c Whistler St., Manly	146248	1965	Premise Match	0m	South
	Beauty Salons &/or Ladies Hairdressers	Zoya institute de Beaute., 21c Whistler St., Manly	51347	1965	Premise Match	0m	South
	PRINTERS-LETTERPRESS	Judge, J., 19 Whistler St., Manly	362236	1961	Premise Match	0m	South
	PRODUCE MERCHANTS-GRAIN & SEED-RETAIL	Service, J., 19 Whistler St., Manly	95697	1950	Premise Match	0m	South
	PRODUCE MERCHANTS-WHOLESALE	Service, J., 19 Whistler, St., Manly	95883	1950	Premise Match	0m	South
6	STATIONERS-RETAIL.	Charletons News agency, 33 Belgrave St., Manly. 2095	67636	1978	Premise Match	0m	South
	NEWSAGENTS-GENERAL.	Charletons Newsagency, 33 Belgrave St, Manly 2095	53839	1978	Premise Match	0m	South
	BOOKSELLERS RETAIL.	Charletons Newsagency, 33 Belgrave St., Manly. 2095	6795	1978	Premise Match	0m	South
	BOOKSELLERS RETAIL	Belle Newsagency. 33 Belgrave St., Manly. 2095	7243	1975	Premise Match	0m	South
	NEWSAGENTS-GENERAL	Belle Newsagency., 33 Belgrave St., Manly. 2095	63389	1975	Premise Match	0m	South
	STATIONERS-RETAIL	Belle Newsagency., 33 Belgrave St., Manly. 2095	79846	1975	Premise Match	0m	South
	DRAPERS-RETAIL (D540)	Oval Silk Store., 33 Belgrave St., Manly	290545	1970	Premise Match	0m	South
	DRAPERS-RETAIL (D540)	Oval Silk Store., 33 Belgrave St., Manly	290546	1970	Premise Match	0m	South
	DRESS FABRIC RETAILERS (D590)	Oval Silk Store., 33 Belgrave St., Manly	290930	1970	Premise Match	0m	South
	Drapers - Retail	"Oval" Silk Store, 33 Belgrave St., Manly	75227	1965	Premise Match	0m	South
	Dress Fabric Retailers	Oval Silk Store, 33 Belgrave St., Manly	75611	1965	Premise Match	0m	South
	DRESS FABRIC RETAILERS	“Oval” Silk Store, 33 Belgrave St., Manly	298375	1961	Premise Match	0m	South
	DRAPERS-RETAIL	“Oval” Silk Store., 33 Belgrave St., Manly	297716	1961	Premise Match	0m	South

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
7	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Brazil Milk Bar, 29 Belgrave St., Manly. 2095	59084	1986	Premise Match	6m	South
	GIFT SHOPS.	Lazy Leprechaun, 32 Belgrave St., Manly. 2095	39231	1986	Premise Match	6m	South
	SECONDHAND DEALERS.	Manly Loan Office, 28 Belgrave St., Manly. 2095	85441	1986	Premise Match	6m	South
	TAILORS - LADIES &/OR MENS.	Stefano's, 30 Belgrave St., Manly. 2095.	90322	1986	Premise Match	6m	South
	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS, (M3180)	Brazil Milk Bar, 29 Belgrave St., Manly. 2095.	52116	1982	Premise Match	6m	South
	BOOKSELLERS - SECONDHAND.(B4480)	Half Back, 30 Belgrave St., Manly. 2095.	8042	1982	Premise Match	6m	South
	GIFT SHOPS. (G3350)	Lazy Leprechaun, 32 Belgrave St., Manly. 2095.	36384	1982	Premise Match	6m	South
	SECONDHAND DEALERS. (S1815)	Manly Loan Office, 28 Belgrave St., Manly. 2095.	73916	1982	Premise Match	6m	South
	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Brazil Milk Bar, 29 Belgrave St., Manly. 2095	45857	1978	Premise Match	6m	South
	SECOND-HAND DEALERS.	Manly Loan Office, 28 Belgrave St., Manly. 2095	65405	1978	Premise Match	6m	South
	PAWNBROKERS &/OR MONEY LENDERS.	Manly Loan Office., 28 Belgrave St., Manly 2095	66293	1975	Premise Match	6m	South
	ANIMAL &/OR BIRD DEALERS.	Manly Pet Supplies, 17 Whistler St., Manly. 2095	2306	1975	Premise Match	6m	South
	ANIMAL &/OR BIRD FOOD SUPPLIES.	Manly Pet Supplies, 17 Whistler St., Manly. 2095	2413	1975	Premise Match	6m	South
	TOBACCONISTS-RETAIL	Belgrave Street Tobacconist, 31 Belgrave St., Manly	369206	1970	Premise Match	6m	South
	MILK, FRUIT JUICE BARS/CONFECTIONERS	Brazil (Margosis) Milk Bar., 29 Belgrave St., Manly	330409	1970	Premise Match	6m	South
	PAWNBROKERS/MONEYLENDERS(P208)	Manly Loan Office., 28 Belgrave St., Manly	347473	1970	Premise Match	6m	South
	ANIMAL & BIRD FOOD SUPPLIES (A375)	Manly Pet Supplies, 17 Whistler St, Manly	261553	1970	Premise Match	6m	South
	ANIMAL & BIRD DEALERS (A370)	Manly Pet Supplies, 17 Whistler St., Manly	261429	1970	Premise Match	6m	South
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS (B260)	Matthews Beauty Salon., 31 Belgrave St., Manly	266316	1970	Premise Match	6m	South
	HARDWARE DEALERS/IRONMONGERS (H230)	Zims Hardware., 32 Belgrave St., Manly	315390	1970	Premise Match	6m	South
	TOBACCONISTS—RETAIL	Belgrave Street Tobacconist, 31 Belgrave St., Manly	152090	1965	Premise Match	6m	South
	Milk, Fruit Juice Bars/Confectioners	Brazil (Margosis) Milk Bar, 29 Belgrave St., Manly	114858	1965	Premise Match	6m	South
	Animal & Bird Dealers	Manly Pet Supplies., 17 Whistler St., Manly	46186	1965	Premise Match	6m	South
	Animal & Bird Food Supplies	Manly Pet Supplies., 17 Whistler St., Manly	46294	1965	Premise Match	6m	South
	Beauty Salons &/or Ladies Hairdressers	Matthews Beauty Salon., 31 Belgrave St., Manly	50959	1965	Premise Match	6m	South
	DELICATESSENS	Temptation, The Delicatessen, 28 Belgrave St., Manly	72792	1965	Premise Match	6m	South
	Hardware Dealers &/or Iron Mongers	Zims, 32 Belgrave St. Manly	99313	1965	Premise Match	6m	South
	MILK, FRUIT JUICE BARS/CONFECTIONERS	Brazil (Margosis) Milk Bar, 29 Belgrave St., Manly	338897	1961	Premise Match	6m	South
	TOBACCONISTS-RETAIL	Fisher, Hiss D., 31 Belgrave St., Manly	257761	1961	Premise Match	6m	South
	DELICATESSENS	Mac's Delicatessen, 28 Belgrave St., Manly	294995	1961	Premise Match	6m	South
	ANIMAL & BIRD DEALERS	Manly Pet Supplies, 17 Whistler St., Manly	267818	1961	Premise Match	6m	South
	ANIMAL & BIRD FOOD SUPPLIES	Manly Pet Supplies, 17 Whistler St., Manly	267874	1961	Premise Match	6m	South

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7	HARDWARE DEALERS/IRONMONGERS	Zims, 32 Belgrave St. MANLY	323347	1961	Premise Match	6m	South
	MOTOR SPARE PARTS DEALERS—RETAIL	Zims, 32 Belgrave St., Manly	351797	1961	Premise Match	6m	South
	DRESSMAKERS & COSTUMIERS	Dorothea, 29 Belgrave St., Manly	34441	1950	Premise Match	6m	South
	PRODUCE MERCHANTS-GRAIN & SEED-RETAIL	Farrugia, L. G., 17 Whistler St., Manly	95479	1950	Premise Match	6m	South
	SECONDHAND DEALERS	Glensville, Reg., 31 Belgrave St., Manly	101167	1950	Premise Match	6m	South
	MOTOR CYCLE SALES & SERVICE	Grand Prix Motor Cycle Co., 31 Belgrave St., Manly	82937	1950	Premise Match	6m	South
8	MIXED BUSINESSES & GENERAL STORES	Evans Handy Store, Cnr. Raglan and Whistler Sts., Manly	79865	1950	Road Intersection	10m	North East
9	FURNITURE &/OR FURNISHINGS-RETAIL.	Christophers Furniture, 7 Raglan St., Manly 2095	37115	1986	Premise Match	12m	East
	FURNITURE DEALERS-SECONDHAND.	Christophers Furniture, 7 Raglan St., Manly 2095	36992	1986	Premise Match	12m	East
10	DRESSMAKING &/OR SEWING SERVICES.	Village Dry Cleaners & Garment Repair Service, 26a Whistler St., Manly. 2095	23844	1975	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS &/OR DYERS.	Village Dry Cleaners & Garment Repair Service, 26a Whistler St., Manly. 2095	24396	1975	Premise Match	16m	South East
	DRESSMAKING &/OR SEWING SERVICES.	Village Dry Cleaning Garment Repair Service, 26a Whistler St., Manly. 2095	23845	1975	Premise Match	16m	South East
	FINANCIERS/FINANCE AGENTS (F180)	Menly Finance Pty. Ltd., 28 Whistler St., Manly	302998	1970	Premise Match	16m	South East
	TYPEWRITER DEALERS &/OR REPAIRERS (T730)	Norwood Trading Co. Pty.-Ltd., 26a Whistler St., Manly	371506	1970	Premise Match	16m	South East
	DRY CLEANERS,PRESSERS/DYERS (D710)	Village Dry Cleaners., 26a Whistler St., Manly	292562	1970	Premise Match	16m	South East
	DRESSMAKING/SEWING SERVICES (D620)	Village Dry Cleaning Garment Repair Service., 26a Whistler St., Manly	292105	1970	Premise Match	16m	South East
	Financiers/Finance Agents	Manly Finance Pty. Ltd., 28 Whistler St., Manly	86366	1965	Premise Match	16m	South East
	Typewriter Dealers &/or Repairers	Norwood Trading Co., 26a Whistler St., Manly	154314	1965	Premise Match	16m	South East
	Dry Cleaners, Pressers/Dyers	Village Dry Cleaners, 26a Whistler St., Manly	76376	1965	Premise Match	16m	South East
	Dressmaking/Sewing Services	Village Dry Cleaning Garment Repair Service, 26a Whistler St., Manly	75960	1965	Premise Match	16m	South East
	Auctioneers - General	Wild, R. J. & Sons Pty. Ltd., 26 Whistler St., Manly	48466	1965	Premise Match	16m	South East
	Customs Agents	Wild, R. J. & Sons Pty. Ltd., 26 Whistler St., Manly	71346	1965	Premise Match	16m	South East
	Furniture Removalists/Storage	Wild, R. J. & Sons Pty. Ltd., 26 Whistler St., Manly	94201	1965	Premise Match	16m	South East
	Carriers & Cartage Contractors - Master	Wild, R. J. and Sons Pty. Ltd., 26 Whistler St., Manly	62818	1965	Premise Match	16m	South East
	REAL ESTATE AGENTS/VALUERS	Dunlop, A. G. & Co., 28 Whistler St. MANLY	366035	1961	Premise Match	16m	South East
	FINANCIERS/FINANCE AGENTS	Manly Finance Pty. Ltd., 28 Whistler St., Manly	310582	1961	Premise Match	16m	South East
	TYPEWRITER DEALERS &/OR REPAIRERS	Norwood Trading Co., 26a Whistler St., Manly	259850	1961	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS / DYERS	Village Dry Cleaners, 26a Whistler St., Manly	299311	1961	Premise Match	16m	South East
	TYPEWRITER SUPPLIES	Warringah Business Appliances, 26 Whistler St., Manly	259944	1961	Premise Match	16m	South East
	AUCTIONEERS-GENERAL	Wild, R. J. & Sons Pty. Ltd., 26 Whistler St., Manly	270110	1961	Premise Match	16m	South East
	CUSTOMS-AGENTS	Wild, R. J. & Sons Pty. Ltd., 26 Whistler St., Manly	294032	1961	Premise Match	16m	South East
	FURNITURE REMOVALISTS/STORAGE	Wild, R. J. & Sons Pty. Ltd., 26 Whistler St., Manly	317161	1961	Premise Match	16m	South East

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10	CARRIERS & CARTAGE CONTRACTORS-MASTER	Wild, R. J. and Sons Pty. Ltd., 26 Whistler St., Manly	285819	1961	Premise Match	16m	South East
	FURNITURE MANUFACTURERS & WHOLESALERS-GENERAL	Enfield, F. W., 26a Whistler St., Manly	52697	1950	Premise Match	16m	South East
	FURNITURE DEALERS-SECONDHAND	Francis, E. M., 28 Whistler St., Manly	52522	1950	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS & DYERS	Johnson, G., 26a Whistler St., Manly	35324	1950	Premise Match	16m	South East
	SPINNERS & WEAVERS	Ley, J. and J., 30 Whistler St., Manly	104277	1950	Premise Match	16m	South East
	WEBBING MANUFACTURERS	Ley, J. and J., 30 Whistler St., Manly	112585	1950	Premise Match	16m	South East
	ICE CREAM MFRS. &/OR DISTRIBUTORS	Peters Ice Cream Pty. Ltd., 32 Whistler St., Manly	63767	1950	Premise Match	16m	South East
	SOLICITORS	Poole and Co., 28 Whistler St., Manly	104016	1950	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS & DYERS	Village Dry Cleaners, 26a Whistler St., Manly	35816	1950	Premise Match	16m	South East
	CARRIERS & CARTAGE CONTRACTORS (MASTER)	Wild, R. J. and Sons Pty. Ltd., 26 Whistler St., Manly	20351	1950	Premise Match	16m	South East
	AUCTIONEERS-GENERAL	Wild, R. U. and Sons Pty. Ltd., 26 Whistler St., Manly	4203	1950	Premise Match	16m	South East
	FORWARDING AGENTS	Wild, R. U. and Sons Pty. Ltd., 26 Whistler St., Manly	47601	1950	Premise Match	16m	South East
	STORAGE CONTRACTORS	Wild, R. U. and Sons Pty. Ltd., 26 Whistler St., Manly	105801	1950	Premise Match	16m	South East
	FURNITURE REMOVALISTS &/OR STORAGE	Wild, R. U. and Sons Pty. Ltd., 26 Whistler St., Manly	53323	1950	Premise Match	16m	South East
11	TAXATION CONSULTANTS.	Hamilton, Brian & Associates, 10 Pittwater Rd., Manly. 2095	92251	1986	Premise Match	18m	North
	PROPERTY MANAGEMENT. (P9060)	Engert, D. J. & Co., 2 Pittwater Rd., Manly. 2095.	67272	1982	Premise Match	18m	North
	REAL ESTATE AGENTS. (R2555)	Engert, D. J. & Co., 2 Pittwater Rd., Manly. 2095.	68903	1982	Premise Match	18m	North
	DENTAL LABORATORIES &/OR TECHNICIANS. (D1700)	Mackay, E., 4B Pittwater Rd., Manly. 2095.	19871	1982	Premise Match	18m	North
	ACID MFRS. &/OR DISTS. &/OR W/SALERS. (A0630)	Sherley & Sherley, 10 Pittwater Rd., Manly. 2095.	1084	1982	Premise Match	18m	North
	HEALTH CENTRES &/OR CLINICS.(H2800)	Trimsonic, 4 Pittwater Rd., Manly. 2095.	39586	1982	Premise Match	18m	North
	PROPERTY MANAGEMENT.	Engert. D. J. & Co., 2 Pittwater Rd., Manly. 2095	60135	1978	Premise Match	18m	North
	REAL ESTATE AGENTS &/OR VALUERS.	Engert. D. J. & Co., 2 Pittwater Rd., Manly. 2095	61616	1978	Premise Match	18m	North
	INSURANCE BROKERS.	Barkla insurances, 2 Pittwater Rd., Manly. 2095	44818	1975	Premise Match	18m	North
	DUPLICATING &/OR TYPING SPECIALISTS.	Coker Associates, 2 Pittwater Rd., Manly. 2095	24517	1975	Premise Match	18m	North
	EMPLOYMENT AGENCIES.	Coker Associates, 2 Pittwater Rd., Manly. 2095.	27192	1975	Premise Match	18m	North
	PHOTO COPYING SERVICES.	Coker Associates., 2 Pittwater Rd., Manly. 2095	66479	1975	Premise Match	18m	North
	ACCOUNTANTS & AUDITORS.	Cregan, J., 2 Pittwater Rd., Manly. 2095	204	1975	Premise Match	18m	North
	PROPERTY MANAGEMENT.	Engert, D. J. & Co., 2 Pittwater Rd., Manly. 2095	70608	1975	Premise Match	18m	North
	REAL ESTATE AGENTS &/OR VALUERS.	Engert, D. J. & Co., 2 Pittwater Rd., Manly. 2095	72278	1975	Premise Match	18m	North
	ARCHITECTS.	Farley, W. R., 10a Pittwater Rd., Manly. 2095	2749	1975	Premise Match	18m	North
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Joyce, K. Hair Care Centre, 8 Pittwater Rd., Manly. 2095	5463	1975	Premise Match	18m	North
	HAIRDRESSERS-GENTS.	Joyce, K. Hair Care Centre, 8 Pittwater Rd., Manly. 2095	40631	1975	Premise Match	18m	North
	SPORTS GOODS RETAILERS.	Northside Store A Board., 10 Pittwater Rd., Manly. 2095	79092	1975	Premise Match	18m	North

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
11	AMBULANCES (A335)	Central District Ambulances, 28 Raglan St., Manly	261343	1970	Premise Match	18m	North
	Auctioneers - General	Jones, T. J., 14 Pittwater Rd., Manly	48402	1965	Premise Match	18m	North
	Furniture Dealers - Second - Hand	Jones, Thomas J., 14 Pittwater Rd., Manly	93045	1965	Premise Match	18m	North
	Antique Dealers	Tee-Jays., 8 Pittwater Rd., Manly	46482	1965	Premise Match	18m	North
	Florists - Retail	Whiteway Florist, 2 Pittwater Rd. Manly	87764	1965	Premise Match	18m	North
	AUCTIONEERS-GENERAL	Jones, T. J., 14 Pittwater Rd., Manly	270020	1961	Premise Match	18m	North
	FURNITURE DEALERS-SECOND-HAND	Jones, Thomas J., 14 Pittwater Rd., Manly	316992	1961	Premise Match	18m	North
	FOOTWEAR RETAILERS	Olsen, R. A., 10 Pittwater Rd., Manly	313208	1961	Premise Match	18m	North
	BABY & CHILDREN'S WEAR-RETAIL	Pixie (The), 4 Pittwater Rd., Manly	270618	1961	Premise Match	18m	North
	ANTIQUE DEALERS	Tee-Jays, 8 Pittwater Rd., Manly	267989	1961	Premise Match	18m	North
	FLORISTS-RETAIL	Whiteway Florist, 2 Pittwater Rd., Manly	312102	1961	Premise Match	18m	North
	CREDIT PROTECTION AGENCIES	Solomon, V. H., 8 Pittwater Rd., Manly	29496	1950	Premise Match	18m	North
	BORER & PEST EXTERMINATORS	Warringah Floor Surfacing Service, 8 Pittwater Rd., Manly	10870	1950	Premise Match	18m	North
12	FUNERAL DIRECTORS.	Tighe, F. & Co. Pty. Ltd., 18 Raglan St., Manly. 2095	36546	1986	Premise Match	18m	North East
	FUNERAL DIRECTORS. (F7050)	Tighe, F. & Co. Pty. Ltd., 18 Raglan St., Manly. 2095.	34160	1982	Premise Match	18m	North East
	FUNERAL DIRECTORS.	Tighe, F. & Co. Pty. Ltd., 18 Raglan St., Manly. 2095	31016	1978	Premise Match	18m	North East
	FUNERAL DIRECTORS.	Tighe, F, & Co. Pty. Ltd., 18 Raglan St., Manly. 2095	36077	1975	Premise Match	18m	North East
	FUNERAL DIRECTORS (F670)	Tighe, F.& Co. Pty. Ltd., 16 Raglan St., MANLY	308369	1970	Premise Match	18m	North East
	WOOLLENS & WORSTED MANUFACTURERS	Hiscox, C. J (Hand Knitted)., 18 Raglan St., Manly	114589	1950	Premise Match	18m	North East
13	MILLINERY-RETAIL (M372)	Watts, M., 22 Raglan St., Manly	331639	1970	Premise Match	18m	North
	Millinery - Retail	Watts, M., 22 Raglan St., Manly	116250	1965	Premise Match	18m	North
	MILLINERY—RETAIL	"Mar-Del" Millinery, 22 Raglan St., Manly	339977	1961	Premise Match	18m	North
	AMBULANCES	Manly-Warringah District Ambulance, 22-24 Raglan St., Manly	267746	1961	Premise Match	18m	North
14	ART GALLERIES &/OR MUSEUMS.	Belgrave Arts, 26 Belgrave St., Manly. 2095	3697	1986	Premise Match	25m	South
	VIDEO RECORDER &/OR CASSETTE SALES &/OR HIRE &/OR SERVICE.	Manly Home Video, 27 Belgrave St. Manly. 2095	97658	1986	Premise Match	25m	South
	HEALTH FOODS-RETAIL.	Peppermint Lounge, 27 Belgrave St., Manly. 2095	45368	1986	Premise Match	25m	South
	RESTAURANTS.	Peppermint Lounge, 27 Belgrave St., Manly. 2095	82544	1986	Premise Match	25m	South
	ART DEALERS - GALLERIES &MUSEUMS. (A6970)	Belgrave Arts, 26 Belgrave St., Manly. 2095.	3331	1982	Premise Match	25m	South
	PICTURE THEATRES. (P4420)	Dianas Flicks, 27 Belgrave St., Manly. 2095.	64180	1982	Premise Match	25m	South
	PICTURE THEATRES.	Manly Theatre Hoyts, 27 Belgrave St., Manly. 2095	57103	1978	Premise Match	25m	South
	BOOKSELLERS RETAIL	Caliban Book Shop, 26 Belgrave St., Manly. 2095	7273	1975	Premise Match	25m	South
	STATIONERS-RETAIL	Caliban Book Shop., 26 Belgrave St., Manly. 2095	79880	1975	Premise Match	25m	South
	PICTURE THEATRES.	Manly Theatre Hoyts., 27 Belgrave St., Manly. 2095	67257	1975	Premise Match	25m	South

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14	SCHOOLS &/OR COLLEGES-COMMERCIAL	St. Williams Business College., 26 Belgrave St., Manly. 2095	75919	1975	Premise Match	25m	South
	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Theatre Milk Bar., 27 Belgrave St., Manly. 2095	53901	1975	Premise Match	25m	South
	SOLICITORS.	Webb, J. & Co., 26 Belgrave St., Manly. 2095	78817	1975	Premise Match	25m	South
	ELECTRICAL SUPPLIES/APPLIANCES RETAILERS	Binning, R., 26 Belgrave St., Manly	295562	1970	Premise Match	25m	South
	PICTURE THEATRES (P364)	Manly Hoyt's Theatre., 27 Belgrave St., Manly	348872	1970	Premise Match	25m	South
	MILK, FRUIT JUICE BARS/CONFECTIONERS	Theatre Milk Bar., 27 Belgrave St., Manly	331288	1970	Premise Match	25m	South
	Picture Theatres (Suburban)	Manly Hoyt's Theatre., 27 Belgrave St., Manly	133234	1965	Premise Match	25m	South
	Milk, Fruit Juice Bars/Confectioners	Theatre Milk Bar, 27 Belgrave St., Manly	115670	1965	Premise Match	25m	South
	DRAPERS-RETAIL	Holden & McDonald, 26 Belgrave St., Manly	297924	1961	Premise Match	25m	South
	PICTURE THEATRES	Manly Hoyt's Theatre, 27 Belgrave St., Manly	358474	1961	Premise Match	25m	South
	MILK, FRUIT JUICE BARS/CONFECTIONERS	Theatre Milk Bar, 27 Belgrave St., Manly	339685	1961	Premise Match	25m	South
	BABY & CHILDREN'S WEAR-RETAIL	Holden and McDonald, 34 Belgrave St., Manly	4578	1950	Premise Match	25m	South
	DRAPERS-RETAIL	Holden and McDonald, 34 Belgrave St., Manly	33735	1950	Premise Match	25m	South
	LINGERIE & HOSIERY SPECIALISTS	Holden and McDonald, 34 Belgrave St., Manly	69380	1950	Premise Match	25m	South
15	CLUBS & SPORTS BODIES	Manly Lawn Tennis Club, Manly	291611	1961	Premise Match	25m	West
16	MIXED BUSINESSES	Boreham, R., 16 Raglan St., Manly	343121	1961	Premise Match	36m	North East
	CARRIERS & CARTAGE CONTRACTORS	Delaney, J., 16 Raglan St., Manly	284715	1961	Premise Match	36m	North East
	CAFES, TEA ROOMS, COFFEE LOUNGES, Etc.	Evans, D., 12 Raglan St., Manly	15456	1950	Premise Match	36m	North East
17	ELECTRIC POWER SUPPLIES. (E2550)	Mackellar County Council, 46 Sydney Rd., Manly. 2095.	25130	1982	Premise Match	40m	South
	AIR CONDITIONING SALES &/ORSERVICE. (A3660)	Mackellar County Council, 48 Sydney Rd., Manly. 2095.	2073	1982	Premise Match	40m	South
	ELECTRICAL SUPPLIES &/OR APPLIANCES - RETAIL. (E3840)	Mackellar County Council, 48 Sydney Rd., Manly. 2095.	25792	1982	Premise Match	40m	South
	HOT WATER INSTALLATIONS. (H6450)	Mackellar County Council, 48 Sydney Rd., Manly. 2095.	40424	1982	Premise Match	40m	South
	REFRIGERATOR DEALERS &/OR SERVICEMEN. (R4130)	Mackellar County Council, 48 Sydney Rd., Manly. 2095.	70198	1982	Premise Match	40m	South
	RANGES - ELECTRIC - MFRS. &/OR IMPS. &/OR DISTS. (R1960)	Meckellar County Council, 48 Sydney Rd., Manly. 2095.	68495	1982	Premise Match	40m	South
	AIR CONDITIONING SALES &/OR SERVICE.	Mackellar County Council, 48 Sydney Rd., Manly. 2095	2000	1978	Premise Match	40m	South
	ELECTRIC LIGHT SPECIALISTS &/OR INSTALLERS &/OR DESIGNERS.	Mackellar County Council, 48 Sydney Rd., Manly. 2095	21857	1978	Premise Match	40m	South
	ELECTRIC POWER SUPPLIES.	Mackellar County Council, 48 Sydney Rd., Manly. 2095	22103	1978	Premise Match	40m	South
	ELECTRICAL SUPPLIES &/OR APPLIANCES-RETAIL.	Mackellar County Council, 48 Sydney Rd., Manly. 2095	22826	1978	Premise Match	40m	South
	RANGES-ELECTRIC-MFRS, &/OR IMPS. &/OR DISTS.	Mackellar County Council, 48 Sydney Rd., Manly. 2095	61251	1978	Premise Match	40m	South
	REFRIGERATOR DEALERS &/OR SERVICEMEN.	Mackeller County Council, 48 Sydney Rd, Manly. 2095	62610	1978	Premise Match	40m	South
	ELECTRIC POWER SUPPLIES.	Mackellar County Council, 48 Sydney Rd., Manly. 2095.	25552	1975	Premise Match	40m	South

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17	ELECTRICAL SUPPLIES &/OR APPLIANCES-RETAIL	Mackellar County Council, 48 Sydney Rd., Manly. 2095.	26398	1975	Premise Match	40m	South
	REFRIGERATOR DEALERS &/OR SERVICEMEN.	Mackellar County Council., 48 Sydney Rd., Manly. 2095	73348	1975	Premise Match	40m	South
	REFRIGERATOR DEALERS &/OR SERVICEMEN (R247)	Mackellar County Council, 48 Sydney Rd., Manly	356529	1970	Premise Match	40m	South
	ELECTRICAL SUPPLIES/APPLIANCES RETAILERS	Mackellar County Council., 48 Sydney Rd., Manly	295779	1970	Premise Match	40m	South
	ELECTRIC POWER SUPPLIES (E230)	Mackellar County Council., 48-52 Sydney Rd., Manly	294332	1970	Premise Match	40m	South
	Electric Power Supplies	Mackellar County Council, 48-52 Sydney Rd., Manly	78148	1965	Premise Match	40m	South
	Electrical Supplies/Appliances Retailers	Mackellar County Council., 48 Sydney Rd., Manly	79536	1965	Premise Match	40m	South
	Refrigerator Dealers &/or Servicemen	Mackellar County Council., 48 Sydney Rd., Manly	140045	1965	Premise Match	40m	South
	FROCK & COAT SALONS	Lucille's Frock Salon, 48 Sydney Rd., Manly	314324	1961	Premise Match	40m	South
	FUNERAL DIRECTORS	Tighe, F. & Co. Pty. Ltd., 52 Sydney Rd., manly	316770	1961	Premise Match	40m	South
18	Printers Instant	Tony's Instant Printing, 15A Whistler St., Manly. 2095	58991	1991	Premise Match	41m	South
	PRINTERS- INSTANT.	Tony's Instant Printing Pty. Ltd., 15A Whistler St., Manly. 2095	76060	1986	Premise Match	41m	South
19	HEALTH CENTRES &/OR CLINICS.	Manly Baby Health Centre, 1 Pittwater Rd., Manly. 2095	45088	1986	Premise Match	48m	North West
	HEALTH CENTRES & CLINICS (H330)	Manly Baby Health Centre., 1 Pittwater Rd., Manly	315791	1970	Premise Match	48m	North West
	Health Centres & Clinics	Manly Baby Health Centre, 1 Pittwater Rd., Manly	99899	1965	Premise Match	48m	North West
	HEALTH CENTRES & CLINICS	Manly Baby Health Centre, 1 Pittwater Rd., Manly	323988	1961	Premise Match	48m	North West
	HAIRDRESSERS (GENT.'S) &/OR TOBACCONISTS	Curtis, G., 1a Pittwater Rd., Manly	59353	1950	Premise Match	48m	North West
	BUTCHERS-RETAIL	Foder, P. W., 1 Pittwater Rd., Manly	13485	1950	Premise Match	48m	North West
	BAKERS-BREAD	Sloan's Bakery, 1c Pittwater Rd., Manly	5478	1950	Premise Match	48m	North West
20	ACCOUNTANTS & AUDITORS.	Smith Barnes & Co., 23 Belgrave St., Manly. 2095	999	1986	Premise Match	48m	South
	REAL ESTATE AGENTS. (R2555)	Johnson, B. & Co., 23 Belgrave St., Manly. 2095.	69238	1982	Premise Match	48m	South
	SCHOOLS &/OR COLLEGES - COMMERCIAL. (S1350)	Williams Business College, 23 Belgrave St., Manly. 2095.	73358	1982	Premise Match	48m	South
	REAL ESTATE AGENTS &/OR VALUERS.	Johnson, B. & Co., 23 Belgrave St., Manly. 2095	61861	1978	Premise Match	48m	South
	SCHOOLS &/ORCOLLEGES-COMMERCIAL.	Williams Business College, 23 Belgrave St., Manly. 2095	64905	1978	Premise Match	48m	South
	REAL ESTATE AGENTS &/OR VALUERS.	Johnson, B., 23 Belgrave St., Manly. 2095	72527	1975	Premise Match	48m	South
21	Aquarium Stock &/or Supplies	MANLY AQUARIUM WORLD, 3 Pittwater Road, Manly 2095	34470	1991	Premise Match	50m	North West
	ANIMAL &/OR BIRD FOOD SUPPLIES.	Aquarium World, 3 Pittwater Rd., Manly. 2095	3006	1986	Premise Match	50m	North West
	AQUARIUMS & SUPPLIES.	Aquarium World, 3 Pittwater Rd., Manly. 2095	3386	1986	Premise Match	50m	North West
	ANIMAL &/OR BIRD FOOD SUPPLIES. (A5880)	Aquarium World, 3 Pittwater Rd., Manly. 2095.	2701	1982	Premise Match	50m	North West
	AQUARIUMS & SUPPLIES. (A6510)	Aquarium World, 3 Pittwater Rd., Manly. 2095.	3051	1982	Premise Match	50m	North West
	ANIMAL &/OR BIRD FOOD SUPPLIES.	Aquarium World, 3 Pittwater Rd., Manly. 2095	2511	1978	Premise Match	50m	North West
	AQUARIUMS & SUPPLIES.	Aquarium World. 3 Pittwater Rd., Manly. 2095	2794	1978	Premise Match	50m	North West
	FURNITURE-HOUSEHOLD-RETAILERS	Gray's (Manly) Pty. Ltd., 3-5 Pittwater Rd., Manly	309463	1970	Premise Match	50m	North West

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21	CARPET & FLOOR COVERING RETAILERS &/OR SPECIALISTS(C135)	Grays (Manly) Pty. Ltd., 3-5 Pittwater Rd., Manly	277754	1970	Premise Match	50m	North West
	Furnishing - Soft - Retail	Gray's (Manly) Pty. Ltd., 3-5 Pittwater Rd., Manly	92720	1965	Premise Match	50m	North West
	Furniture - Household - Retailers	Gray's (Manly) Pty. Ltd., 3-5 Pittwater Rd., Manly	93509	1965	Premise Match	50m	North West
	Carpet & Floor Covering Retailers &/Specialists	Grays (Manly) Pty. Ltd., 3-5 Pittwater Rd., Manly	62493	1965	Premise Match	50m	North West
	Manchester Specialists/Retailers	Grays (Manly) Pty. Ltd., 3-5 Pittwater Rd., Manly	109125	1965	Premise Match	50m	North West
	FURNITURE-HOUSEHOLD-RETAILERS	Gray, R. E. A., 5 Pittwater Rd., Manly	317764	1961	Premise Match	50m	North West
	FURNISHINGS-SOFT-RETAIL	Gray, R. E., 5 Pittwater Rd., Manly	316847	1961	Premise Match	50m	North West
	MILK, FRUIT JUICE BARS/CONFECTIONERS	Rons Popular Milk Bar, 3 Pittwater Rd., Manly	339576	1961	Premise Match	50m	North West
	BAGGAGE AGENTS	Village Taxi Trucks, 3 Pittwater Rd., Manly	5062	1950	Premise Match	50m	North West
	TAXI TRUCK OPERATORS	Village Taxi Trucks, 3 Pittwater Rd., Manly	107243	1950	Premise Match	50m	North West
22	Fruiterers & Greengrocers	Oval Fruit & Vegeable Market, 21 Belgrave St., Manly	91864	1965	Premise Match	54m	South
	Butchers - Retail	Premier Meat Service., 22 Belgrave St., Manly	59119	1965	Premise Match	54m	South
	BANKS	Commercial Bank Of Australia Ltd 22 Belgrave St., Manly	271174	1961	Premise Match	54m	South
	BUTCHERS-RETAIL	Premier Meat Service, 22 Belgrave St., Manly	281013	1961	Premise Match	54m	South
	GROCERS-RETAIL	Derrin Bros., 32 Belgrave St., Manly	57107	1950	Premise Match	54m	South
	GROCERS-RETAIL	Lakin, E. L. Pty. Ltd., 32 Belgrave St., Manly	58005	1950	Premise Match	54m	South
	BUTCHERS-RETAIL	Premier Meat Service, 32 Belgrave St., Manly	14157	1950	Premise Match	54m	South
23	HAIRDRESSERS-LADIES &/OR BEAUTY SALONS.	Bernards Coiffure, 22 Central Ave., Manly. 2095	41665	1986	Premise Match	55m	South East
	NEWSAGENTS.	Central Avenue Newsagency, 22 Central Ave., Manly. 2095	69222	1986	Premise Match	55m	South East
	BOOKSELLERS-RETAIL.	Hallelujah Bookshop, 22 Central Ave., Manly. 2095	7045	1986	Premise Match	55m	South East
	RESTAURANTS.	Poste Restrante Tea Rooms, 22 Central Ave., Manly. 2095	82650	1986	Premise Match	55m	South East
	TAKE-AWAY FOODS.	Poste Restrante Tea Rooms, 22 Central Ave., Manly. 2095	91618	1986	Premise Match	55m	South East
	COIN DEALERS.	Sampson, Don, 22 Central Ave., Manly. 2095	19132	1986	Premise Match	55m	South East
	STAMP DEALERS.	Sampson, Don, 22 Central Ave., Manly. 2095	88149	1986	Premise Match	55m	South East
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS. (B2000)	Bernards Coiffure, 22 Central Ave., Manly. 2095.	5276	1982	Premise Match	55m	South East
	ADVERTISING AGENCIES. (A1250)	Crucible Product & Project Development, 22 Central Ave., Manly. 2095.	1310	1982	Premise Match	55m	South East
	ADVERTISING AGENCIES. (A1250)	Herk Lynch Advertising Pty. Ltd., 22 Central Ave., Manly. 2095.	1345	1982	Premise Match	55m	South East
	ADVERTISING AGENCIES.	Crucible Product & Project Development, 22 Central Ave., Manly. 2095	1235	1978	Premise Match	55m	South East
	ADVERTISING AGENCIES.	Herk Lynch Advertising Pty. Ltd., 22 Central Ave., Manly. 2095	1291	1978	Premise Match	55m	South East
	TAILORS-LADIES &/OR GENTS.	McRorie, V., 22 Central Ave., Manly. 2095	69091	1978	Premise Match	55m	South East
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Pandora Hair Fashions, 22 Central Ave., Manly. 2095	5426	1978	Premise Match	55m	South East

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23	BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Pandora Hair Fashions, 22 Central Ave., Manly, 2095	5751	1975	Premise Match	55m	South East
24	MOTOR BRAKE SERVICES (M512)	Pacific Service Station., Cnr. Raglan & Short Sts., Manly	335545	1970	Premise Match	55m	East
	MOTOR GARAGES & ENGINEERS(M6S6)	Pacific Service Station., Cnr. Raglan & Short Sts., MANLY	338369	1970	Premise Match	55m	East
	Motor Garages & Engineers	Pacific Service Station, Cnr. Raglan & Short Sts. Manly	122962	1965	Premise Match	55m	East
	Motor Brake Services	Pacific Service Station, Cnr. Raglan & Short Sts., Manly	120358	1965	Premise Match	55m	East
	Motor Electricians	Pacific Service Station, Cnr. Raglan & Short Sts., Manly	121797	1965	Premise Match	55m	East
25	SOLICITORS.	Webb, J. & Co., 15 Whistler St., Manly. 2095	78816	1975	Premise Match	57m	South
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS (B260)	Coppa, Charles., 15 Whistler St., Manly	265728	1970	Premise Match	57m	South
	Beauty Salons &/or Ladies Hairdressers	Coppa, Charles., 15 Whistler St., Manly	50483	1965	Premise Match	57m	South
	BEAUTY SALONS & LADIES' HAIRDRESSERS	Barbara Helen, 15 Whistler St., Manly	272241	1961	Premise Match	57m	South
	PLUMBERS, GASFITTERS & DRAINLAYERS	Dethick, R. S. & Sons, 15 Whistler St. MANLY	359665	1961	Premise Match	57m	South
26	RESTAURANTS.	Palozzo Pitti, 9 Pittwater Rd., Manly. 2095	82489	1986	Premise Match	60m	North West
	RESTAURANTS. (R5180)	Yolanta's, 9 Pittwater Rd., Manly. 2095.	71920	1982	Premise Match	60m	North West
	RESTAURANTS.	Manly Wine Tavern, 9 Pittwater Rd, Manly. 2095	63181	1978	Premise Match	60m	North West
	WINE SALOONS.	Manly Wine Tavern, 9 Pittwater Rd., Manly. 2095	74610	1978	Premise Match	60m	North West
	DUPLICATING &/OR TYPING SPECIALISTS.	Northside Duplicating Service, 7 Pittwater Rd., Manly. 2095	21099	1978	Premise Match	60m	North West
	PRINTERS-LETTERPRESS.	Northside Duplicating Service, 7 Pittwater Rd., Manly. 2095	59134	1978	Premise Match	60m	North West
	PRINTERS-LITHOGRAPHIC	Northside Duplicating Service, 7 Pittwater Rd., Manly. 2095	59553	1978	Premise Match	60m	North West
	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	El Matador Expresso Bar., 7 Pittwater Rd., Manly. 2095	53383	1975	Premise Match	60m	North West
	SANDWICH &/OR LUNCHEON SHOPS.	El Matador Expresso Bar., 7 Pittwater Rd., Manly. 2095	75312	1975	Premise Match	60m	North West
	RESTAURANTS.	Manly Wine Tavern., 9 Pittwater Rd., Manly. 2095	73951	1975	Premise Match	60m	North West
	DUPLICATING &/OR TYPING SPECIALISTS.	Northside Duplicating Service, 7 Pittwater Rd., Manly. 2095	24565	1975	Premise Match	60m	North West
	PRINTERS-LETTERPRESS.	Northside Duplicating Service., 7 Pittwater Rd., Manly. 2095	69572	1975	Premise Match	60m	North West
	PRINTERS-LITHOGRAPHIC (OFFSET).	Northside Duplicating Service., 7 Pittwater Rd., Manly. 2095	69991	1975	Premise Match	60m	North West
	ENGINEERS-SOUND, RADIO &/OR TELEVISION	Ardill Radio & Television, 7a Pittwater Rd., Manly	300956	1970	Premise Match	60m	North West
	RADIO &/OR TELEVISION SALES & SERVICEMEN (R090)	Ardill Radio & Television., 7a Pittwater Rd., MANLY	354164	1970	Premise Match	60m	North West
	CAKE SHOPS & PASTRYCOOKS (C045)	Armand's., 7 Pittwater Rd., Manly	276300	1970	Premise Match	60m	North West
	WINE SALOONS (W270)	Manly Wipe Tavern, 9 Pittwater Rd., Manly	374425	1970	Premise Match	60m	North West
	SANDWICH/LUNCHEON SHOPS (S065)	Matador Expresso Bar, 7 Pittwater Rd., Manly	358805	1970	Premise Match	60m	North West
	MILK, FRUIT JUICE BARS/CONFECTIONERS	Matador Expresso Bar., 7 Pittwater Rd., Manly	330868	1970	Premise Match	60m	North West
	Radio &/Or Television Sales & Servicemen	Ardill Radio & Television., 7a Pittwater Rd. Manly	138278	1965	Premise Match	60m	North West
	Cake Shops & Pastrycooks	Armand's., 7 Pittwater Rd., Manly	60995	1965	Premise Match	60m	North West
	Wine Saloons	Manly Wipe Tavern., 9 Pittwater Rd., Manly	157514	1965	Premise Match	60m	North West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
26	RADIO &/OR TELEVISION SALES & SERVICEMEN	Ardill Radio & Television, 7a Pittwater Rd. MANLY	364318	1961	Premise Match	60m	North West
	ENGINEERS-SOUND-RADIO &/OR TELEVISION	Ardill Radio & Television. 7a Pittwater Rd., Manly	308384	1961	Premise Match	60m	North West
	CAKE SHOPS & PASTRYCOOKS	Armand's., 7 Pittwater Rd., Manly	282776	1961	Premise Match	60m	North West
	WINE SALOONS	Conway, Gwen U., 9 Pittwater Rd., Manly	262915	1961	Premise Match	60m	North West
	BOOT & SHOE REPAIRERS	Smith, H., 7 Pittwater Rd., Manly	275207	1961	Premise Match	60m	North West
27	REAL ESTATE AGENTS/VALUERS	Gumbert, C. P., 16 Pittwater Rd. MANLY	244712	1961	Premise Match	60m	North
28	Glass Merchants &/or Glaziers	MANLY CLASS CO. PTY. LTD., 11 PITTWATER ROAD, MANLY.2095	47743	1991	Premise Match	69m	North West
	Window Frame Mfrs &/or Dists Aluminum	Manly Glass Co. Pty Ltd, 11 Pittwater Rd Manly 2095	66260	1991	Premise Match	69m	North West
	Window Frame Mfrs &/or Dists Aluminum	Manly Glass Co. Pty Ltd, 11 Pittwater Rd Manly 2095	96891	1991	Premise Match	69m	North West
	Glass Bevellers Cutters &/or Silverers	Manly Glass Co. Pty. Ltd., 11 Pittwater Rd Manly. 2095	47663	1991	Premise Match	69m	North West
	Door Fittings Mfrs &/or Dists	Manly Glass Co. Pty. Ltd., 11 Pittwater Rd., Manly 2095	41624	1991	Premise Match	69m	North West
	Glass Merchants &/or Glaziers	Manly Glass Co. Pty. Ltd., 11 Pittwater Rd., Manly. 2095	47744	1991	Premise Match	69m	North West
	GLASS MERCHANTS &/OR GLAZIERS.	Manly Glass Co. Pty. Ltd. 11 Pittwater Road, Manly. 2095	39767	1986	Premise Match	69m	North West
	DOOR FITTINGS-MFRS. &/OR DISTS.	Manly Glass Co. Pty. Ltd., 11 Pittwater Rd., Manly. 2095	24576	1986	Premise Match	69m	North West
	GLASS BEVELLERS &/OR CUTTERS.	Manly Glass Co. Pty. Ltd., 11 Pittwater Rd., Manly. 2095	39717	1986	Premise Match	69m	North West
	GLASS MERCHANTS &/OR GLAZIERS.	Manly Glass Co. Pty. Ltd., 11 Pittwater Rd., Manly. 2095	39835	1986	Premise Match	69m	North West
	WINDOW &/OR DOOR - ALUMINIUM MFRS. &/OR DISTS. &/OR INSTALLERS.	Manly Glass Co. Pty. Ltd., 11 Pittwater Rd., Manly. 2095	99036	1986	Premise Match	69m	North West
	DOOR FITTINGS - MFRS. &/OR DISTS. (D5700)	Manly Glass Co. Pty. Ltd., 11 Pittwater Rd., Manly. 2095.	21918	1982	Premise Match	69m	North West
	GLASS MERCHANTS &/OR GLAZIERS. (G4250)	Manly Glass Co. Pty. Ltd., 11 Pittwater Rd., Manly. 2095.	36828	1982	Premise Match	69m	North West
	WINDOW FRAMES-ALUMINIUM - MFRS. &/OR DISTS. (W5320)	Manly Glass Co. Pty. Ltd., 11 Pittwater Rd., Manly. 2095.	84507	1982	Premise Match	69m	North West
	CHINA CROCKERY, CRYSTAL, CUTLERY, EARTHENWARE, GLASSWARE DEALERS. (C4245)	Manly Glass Ware Pty. Ltd., 11 Pittwater Rd., Manly. 2095.	15936	1982	Premise Match	69m	North West
	GIFT SHOPS. (G3350)	Manly Glass Ware Pty. Ltd., 11 Pittwater Rd., Manly. 2095.	36419	1982	Premise Match	69m	North West
	LAWNMOWER REPAIRERS &/OR SHARPENERS. (L2550)	Manly Grindery, The, 13 Pittwater Rd., Manly. 2095.	44989	1982	Premise Match	69m	North West
	LAWNMOWER SALES &/OR.SERVICE. (L2600)	Manly Grindery, The, 13 Pittwater Rd., Manly. 2095.	45038	1982	Premise Match	69m	North West
	LAWNMOWER SALES &/OR.SERVICE. (L2600)	Manly Grindery. 13 Pittwater Rd., Manly. 2095.	45037	1982	Premise Match	69m	North West
	GLASS MERCHANTS.	Manly Glass Co. Pty. Ltd., 11 Pittwater Rd., Manly. 2095	33107	1978	Premise Match	69m	North West
	GLAZIERS.	Manly Glass Co. Pty. Ltd., 11 Pittwater Rd., Manly. 2095	33221	1978	Premise Match	69m	North West
	LAWNMOWER REPAIRERS &/OR SHARPENERS.	Manly Grindery, The, 13 Pittwater Rd., Manly. 2095	39915	1978	Premise Match	69m	North West
	LAWNMOWER SALES & OR SERVICE	Manly Grindery, The, 13 Pittwater Rd., Manly. 2095	39967	1978	Premise Match	69m	North West
	GLASS MERCHANTS.	Manly Glass Co. Pty, Ltd., 11 Pittwater Rd., Manly. 2095.	38485	1975	Premise Match	69m	North West
	GLAZIERS.	Manly Glass Co. Pty. Ltd., 11 Pittwater Rd., Manly. 2095.	38614	1975	Premise Match	69m	North West

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28	GLASS MERCHANTS.	Manly Glass Co., 11 Pittwater Rd., Manly. 2095.	38486	1975	Premise Match	69m	North West
	GLAZIERS.	Manly Glass Co., 11 Pittwater Rd., Manly. 2095.	38615	1975	Premise Match	69m	North West
	LAWNMOWER REPAIRERS &/OR SHARPENERS.	Manly Grindery., 13 Pittwater Rd., Manly. 2095	47083	1975	Premise Match	69m	North West
	LAWNMOWER REPAIRERS &/OR SHARPENERS.	Manly Grindery., 13 Pittwater Rd., Manly. 2095	47082	1975	Premise Match	69m	North West
	LAWNMOWER SALES &/OR SERVICE	Manly Grindery., 13 Pittwater Rd., Manly. 2095	47128	1975	Premise Match	69m	North West
	LAWNMOWER SALES &/OR SERVICE	Manly Grindery., 13 Pittwater Rd., Manly. 2095	47127	1975	Premise Match	69m	North West
	GLASS MERCHANTS (G260)	Manly Glass Co. Pty. Ltd., 11 Pittwater Rd., Manly	311198	1970	Premise Match	69m	North West
	GLAZIERS (G320)	Manly Glass Co. Pty. Ltd., 11 Pittwater Rd., Manly	311363	1970	Premise Match	69m	North West
	LAWN MOWER REPAIRERS/SHARPENERS (L300)	Manly Grindery., 13 Pittwater Rd., Manly	322733	1970	Premise Match	69m	North West
	LAWN MOWER SALES/SERVICE (L310)	Manly Grindery., 13 Pittwater Rd., Manly	322797	1970	Premise Match	69m	North West
	Glass Merchants	Manly Glass Co, Pty. Ltd., 11 Pittwater Rd., Manly	95254	1965	Premise Match	69m	North West
	Glaziers	Manly Glass Co. Pty. Ltd., 11 Pittwater Rd., Manly	95418	1965	Premise Match	69m	North West
	Lawn Mower Repairers	Manly Grindery, 13 Pittwater Rd., Manly	107282	1965	Premise Match	69m	North West
	Lawn Mower Sales/Service	Manly Grindery, 13 Pittwater Rd., Manly	107348	1965	Premise Match	69m	North West
	GLASS MERCHANTS	Manly Glass Co., 11 Pittwater Rd., Manly	319227	1961	Premise Match	69m	North West
	GLAZIERS	Manly Glass Co., 11 Pittwater Rd., Manly	319369	1961	Premise Match	69m	North West
	LAWN MOWER REPAIRERS/SHARPENERS	Manly Grindery, 13 Pittwater Rd., Manly	330801	1961	Premise Match	69m	North West
	LAWN MOWER SALES/SERVICE	Manly Grindery, 13 Pittwater Rd., Manly	330847	1961	Premise Match	69m	North West
29	ACCOUNTANTS & AUDITORS.	Burchall Thomson & Co., 17 Pittwater Rd., Manly. 2095	235	1986	Premise Match	79m	North West
	ACCOUNTANTS & AUDITORS. (A0360)	Burchall Thomson & Co., 17 Pittwater Rd., Manly. 2095.	222	1982	Premise Match	79m	North West
	BOOT &/OR SHOE REPAIRERS.	Boua, S., 17 Pittwater Rd., Manly. 2095	7529	1975	Premise Match	79m	North West
	BOOT &/OR SHOE REPAIRERS.	Boua, S., 17 Pittwater Rd., Manly. 2095	7616	1975	Premise Match	79m	North West
	SOUVENIR MANUFACTURERS &/OR DISTRIBUTORS (S416)	Kooyman, C., 17 Pittwater Rd., Manly	363214	1970	Premise Match	79m	North West
	Business Agents &/or Brokers	Wilson, Frank & Co., 17 Pittwater Rd., Manly	57746	1965	Premise Match	79m	North West
	Insurance Agents	Wilson, Frank & Co., 17 Pittwater Rd., Manly	104637	1965	Premise Match	79m	North West
	GARDEN SUPPLIES-RETAIL	Manly Nursery (Retail), 17 Pittwater Rd., Manly	318525	1961	Premise Match	79m	North West
	NURSERYMEN	Manly Nursery (The), 17 Pittwater Rd., Manly	354127	1961	Premise Match	79m	North West
	DRY CLEANERS, PRESSERS & DYERS	Alpine Dry Cleaners, 15a Belgrave St., Manly	35063	1950	Premise Match	79m	North West
30	MOTOR PANEL BEATERS &/OR SPRAY PAINTERS. (M7360)	Manly Car & Body Works, 2 Raglan St., Manly. 2095.	58509	1982	Premise Match	82m	East
	MOTOR PAINTERS.	Manly Car & Body Works, 2 Raglan St., Manly. 2095	51535	1978	Premise Match	82m	East
	MOTOR PANEL BEATERS	Manly Car & Body Works, 2 Raglan St., Manly. 2095	52182	1978	Premise Match	82m	East
	MOTOR PAINTERS.	Manly Car & Body Works., 2 Raglan St., Manly. 2095	60267	1975	Premise Match	82m	East

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30	MOTOR PANEL BEATERS.	Manly Car & Body Works., 2 Raglan St., Manly. 2095	60936	1975	Premise Match	82m	East
	MOTOR PAINTERS (M672)	Pearson Moton & Parking Station., 2 Raglan St., Manly	339558	1970	Premise Match	82m	East
	MOTOR PANEL BEATERS (M680)	Pearson Motors & Parking Station., 2 Raglan St., Manly	340324	1970	Premise Match	82m	East
	MOTOR PARKING STATIONS (M688)	Pearson Motors & Parking Station., 2 Raglan St., Manly	340616	1970	Premise Match	82m	East
	MOTOR TOWING SERVICES (M744)	Pearson Motors & Parking Station., 2 Raglan St., Manly	342535	1970	Premise Match	82m	East
	MOTOR GARAGES & ENGINEERS(M6S6)	Pearson Motors St Parking Station., 2 Raglan St., MANLY	338401	1970	Premise Match	82m	East
	Motor Garages & Engineers	Stan's Garage & Parking Station, 2 Raglan St. Manly	122964	1965	Premise Match	82m	East
	Motor Parking Stations	Starts Garage & Parking Station, 2 Raglan St., Manly	125211	1965	Premise Match	82m	East
	MOTOR PAINTERS	Pacific Motor Garage, 2 Raglan St., Manly	349059	1961	Premise Match	82m	East
	MOTOR PANEL BEATERS	Pacific Motor Garage, 2 Raglan St., Manly	349832	1961	Premise Match	82m	East
	MOTOR TOWING SERVICES	Pacific Motor Garage. 2 Raglan St., Manly	352167	1961	Premise Match	82m	East
	MOTOR GARAGES &/OR ENGINEERS	Pacific Motor Garage, 2 Raglan St., Manly	84168	1950	Premise Match	82m	East
31	TAKE-AWAY FOODS.	Karen & Pauline's, 20 Pittwater Rd., Manly. 2095.	91071	1986	Premise Match	83m	North
	DELICATESSENS, (D1250)	Julies Delicatessen. 20 Pittwater Rd., Manly. 2095.	19494	1982	Premise Match	83m	North
	DELICATESSENS.	Julies Delicatessen, 20 Pittwater Rd., Manly. 2095	17496	1978	Premise Match	83m	North
	DELICATESSENS	Harders Delicatessen, 20 Pittwater Rd., Manly. 2095	20213	1975	Premise Match	83m	North
	MILK, FRUIT JUICE BARS/CONFECTIONERS	Cowley, I. C., 20 Pittwater Rd., Manly	330533	1970	Premise Match	83m	North
	Milk, Fruit Juice Bars/Confectioners	Lind, M., 20 Pittwater Rd., Manly	115229	1965	Premise Match	83m	North
32	HAIRDRESSERS-LADIES &/OR BEAUTY SALONS.	M.L.'s Hair Design, 22 Pittwater Rd., Manly. 2095	42697	1986	Premise Match	88m	North
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS. (B2000)	Mathews Beauty Salon, 22 Pittwater Rd., Manly. 2095.	6183	1982	Premise Match	88m	North
	BABY &/OR CHILDRENS WEAR- RETAIL.	Ants Pants, The, 22 Pittwater Rd., Manly. 2095	3970	1978	Premise Match	88m	North
	BABY &/OR CHILDRENS WEAR- RETAIL	Little Liberation, 22 Pittwater Rd., Manly. 2095	3867	1975	Premise Match	88m	North
	Hairdressers (Gent.'s)/Tobacconists	Cooke, Keith., 22 Pittwater Rd., Manly	97893	1965	Premise Match	88m	North
	HAIRDRESSERS (GENT.'S) /TOBACCONISTS	Cooke, Keith, 22 Pittwater Rd., Manly	321933	1961	Premise Match	88m	North
33	REFRIGERATOR DEALERS &/OR SERVICEMEN.	Quality Fridges, 19 Pittwater Rd., Manly.2095	80783	1986	Premise Match	89m	North West
	DENTAL LABORATORIES &/OR TECHNICIANS.	Rossiter, E., 23 Pittwater Rd., Manly. 2095	22187	1986	Premise Match	89m	North West
	FINANCIERS &/OR FINANCEAGENTS. (F1950)	Manly Credits Pty. Ltd., 21 Pittwater Rd., Manly. 2095.	30706	1982	Premise Match	89m	North West
	REFRIGERATOR DEALERS &/OR SERVICEMEN. (R4130)	Quality Fridges, 19 Pittwater Rd., Manly, 2095.	70212	1982	Premise Match	89m	North West
	DENTAL LABORATORIES &/OR TECHNICIANS. (D1700)	Rossiter, E., 23 Pittwater Rd., Manly. 2095.	19886	1982	Premise Match	89m	North West
	FINANCIERS &/OR FINANCE AGENTS.	Manly Credits Pty. Ltd., 21 Pittwater Rd., Manly. 2095	27784	1978	Premise Match	89m	North West
	CHIROPODISTS.	Hunt, C., 21 Pittwater Rd., Manly. 2095	16298	1975	Premise Match	89m	North West
	FINANCIERS &/OR FINANCE AGENTS.	Manly Credits Pty. Ltd., 21 Pittwater Rd., Manly. 2095.	32016	1975	Premise Match	89m	North West

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33	FINANCIERS &/OR FINANCE AGENTS.	Manly Credits Pty. Ltd., 21 Pittwater Rd., Manly. 2095.	32017	1975	Premise Match	89m	North West
	CHIROPODISTS (C316)	Hunt, Cecily., 21 Pittwater Rd., Manly	281619	1970	Premise Match	89m	North West
	FINANCIERS/FINANCE AGENTS (F180)	Manly Credits Pty. Ltd., 21 Pittwater Rd., Manly	302989	1970	Premise Match	89m	North West
	DENTAL LABS.& TECHNICIANS (D120)	Rossiter, E., 21 Pittwater Rd., Manly	288260	1970	Premise Match	89m	North West
	BUSINESS AGENTS &/OR BROKERS(B852)	Wilson, F & Co., 19 Pittwater Rd., Manly	272980	1970	Premise Match	89m	North West
	REAL ESTATE AGENTS/VALUERS(R205)	Wilson, Frank & Co., 19 Pittwater Rd., MANLY	356242	1970	Premise Match	89m	North West
	Financiers/Finance Agents	Manly Credits Pty. Ltd., 21 Pittwater Rd., Manly	86365	1965	Premise Match	89m	North West
	OPTOMETRISTS - REGISTERED	Manly Eye Service (James Sweet), 19 Pittwater Rd., Manly	129980	1965	Premise Match	89m	North West
	Opticians	Manly Eye Service, 19 Pittwater Rd., Manly	129844	1965	Premise Match	89m	North West
	Photographers - Portrait	Morgan, Charles H., 21 Pittwater Rd., Manly	132482	1965	Premise Match	89m	North West
	Chiropodists	Webb, Dianne V., 21 Pittwater Rd., Manly	66249	1965	Premise Match	89m	North West
	FROCK & COAT SALONS	Kathleen Frocks, 23 Pittwater Rd., Manly	314265	1961	Premise Match	89m	North West
	FINANCIERS/FINANCE AGENTS	Manly Credits Pty. Ltd., 21 Pittwater Rd., Manly	310581	1961	Premise Match	89m	North West
	OPTOMETRISTS— REGISTERED	Manly Eye Service (James Sweet), 19 Pittwater Rd., Manly	354998	1961	Premise Match	89m	North West
	OPTICIANS	Manly Eye Service, 19 Pittwater Rd., Manly	354878	1961	Premise Match	89m	North West
	PHOTOGRAPHERS— PORTRAIT	Morgan, Charles H., 21 Pittwater Rd., Manly	357770	1961	Premise Match	89m	North West
	ACCOUNTANTS & AUDITORS	Owen, A. H., 21 Pittwater Rd., Manly	265504	1961	Premise Match	89m	North West
	CHIROPODISTS	Webb, Dianne V., 21 Pittwater Rd., Manly	288659	1961	Premise Match	89m	North West
34	LEATHER GOODS-RETAIL.	Tandy Leather Works, 26 Pittwater Rd., Manly. 2095	51596	1986	Premise Match	95m	North
	LEATHER GOODS RETAILERS. (L3500)	Gris Gris Leather Works, 26 Pittwater Rd., Manly. 2095.	45198	1982	Premise Match	95m	North
	DRESS SHOPS & ACCESSORIES.	Gris Gris, 28 Pittwater Rd., Manly. 2095	23216	1975	Premise Match	95m	North
	LEATHER GOODS RETAILERS	Gris Gris., 28 Pittwater Rd., Manly. 2095	47304	1975	Premise Match	95m	North
	GIFT SHOPS.	Gris Gris., 28 Pittwater Rd., Manly. 2095.	38134	1975	Premise Match	95m	North
	SECOND-HAND DEALERS (S179)	Ranell, 26 Pittwater Rd., Manly	360236	1970	Premise Match	95m	North
	Beauty Salons &/or Ladies Hairdressers	Harley, R. (& Children's)., 28a Pittwater Rd., Manly	50698	1965	Premise Match	95m	North
	Baby & Children's Wear - Retail	Miss Lindy's Baby Wear., 28 Pittwater Rd., Manly	48935	1965	Premise Match	95m	North
	BEAUTY SALONS & LADIES' HAIRDRESSERS	Harley, R. (& Children's), 28a Pittwater Rd., Manly .	272452	1961	Premise Match	95m	North
	FLUORESCENT LIGHTING SPEC.	Smith, D. E. W., 28 Pittwater Rd., Manly	312287	1961	Premise Match	95m	North
35	OPTOMETRISTS &/OR OPTICIANS.	Ryman, L. A. W., 42 Sydney Rd., Manly. 2095	71004	1986	Premise Match	97m	South East
	OPTOMETRISTS &/OR OPTICIANS.(O3600)	Ryman, L. A. W., 42 Sydney Rd., Manly. 2095.	61933	1982	Premise Match	97m	South East
	MERCERS-MEN'S & BOYS' OUTFITTERS(M232)	McDonald, W. K., 44 Sydney Rd., Manly	329039	1970	Premise Match	97m	South East
	OPTOMETRISTS-REGISTERED (O 280)	Ryman, L. A. W., 42 Sydney Rd., Manly	345430	1970	Premise Match	97m	South East
	Mercers - Men's & Boys' Outfitters	McDonald, W. K., 44 Sydney Rd., Manly	113365	1965	Premise Match	97m	South East

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35	MERCERS—MEN'S & BOYS' OUTFITTERS	McDonald, W. K., 44 Sydney Rd., Manly	337032	1961	Premise Match	97m	South East
	CHEMISTS-PHARMACEUTICAL	Reid's Pharmacy, 42 Sydney Rd., Manly	288036	1961	Premise Match	97m	South East
36	STATIONERS-RETAIL (S516)	Manly Newsagency (Greeting Cards), 20 Belgrave St., Manly	364656	1970	Road Intersection	97m	South
	BOOKSELLERS-RETAIL	Manly Newsagency., 20 Belgrave St., Manly	268436	1970	Road Intersection	97m	South
	NEWSAGENTS (N100)	Manly Newsagency., 20 Belgrave St., Manly	343671	1970	Road Intersection	97m	South
	STATIONERS—RETAIL	Manly Newsagency (Greeting Cards), 20 Belgrave St., Manly	147593	1965	Road Intersection	97m	South
	BOOKSELLERS—-RETAIL	Manly Newsagency, 20 Belgrave St., Manly	52849	1965	Road Intersection	97m	South
	Newsagents	Manly Newsagency, 20 Belgrave St., Manly	128305	1965	Road Intersection	97m	South
	STATIONERS-RETAIL	Manly Newsagency (Greeting Cards), 20 Belgrave St., Manly	253025	1961	Road Intersection	97m	South
	NEWSAGENTS	Manly Newsagency, 20. Belgrave St., Manly	353279	1961	Road Intersection	97m	South
	GIFT SHOPS	Jones, Mrs. R. J., 20 Belgrave St., Manly	54383	1950	Road Intersection	97m	South
	LIBRARIES-LENDING	Jones, Mrs. R. J., 20 Belgrave St., Manly	68711	1950	Road Intersection	97m	South
	NEWSAGENTS	Manly Newsagency, Cnr. Belgrave St. and Sydney Rd., Manly	88157	1950	Road Intersection	97m	South
	REAL ESTATE AGENTS	Studwell Real Estate (John H. Yeldham and Spain), 20 Belgrave St., Manly	98853	1950	Road Intersection	97m	South
	SOLICITORS	Yeldham, John H. and Spain, 20 Belgrave St., Manly	104243	1950	Road Intersection	97m	South
37	Real Estate Agents/Valuers	Beggs, Hoddinott Merriman Pty. Ltd., 20 Whistler St. Manly	139374	1965	Road Intersection	97m	South
	Business Agents &/or Brokers	Beggs-Hoddinott-Merriman Pty. Ltd., 20 Whistler St., Manly	57389	1965	Road Intersection	97m	South
	Cafes, Tea Rooms, Coffee Lounges, Etc.	Connies Coffee Lounge, Shop 6, Mackellar Arc., Cnr. Whistler St. & Sydney Rd., Manly	60263	1965	Road Intersection	97m	South
	Frock & Coat Salons	Jeannies Frocks, 1 Mackellar Arc., Cnr. Whistler St. & Sydney Rd., Manly	89983	1965	Road Intersection	97m	South
	CHEMISTS-PHARMACEUTICAL	Moore, H., 20 Whistler St., Manly	21841	1950	Road Intersection	97m	South
38	RESTAURANTS.	Blakes Restaurant, 19 Central Ave., Manly. 2095	81136	1986	Premise Match	99m	East
39	RESTAURANTS.	Manly Cottage, 25 Pittwater Rd., Manly. 2095	82252	1986	Premise Match	100m	North West
	RESTAURANTS. (R5180)	Home Is The Hunter, 25 Pittwater Rd., Manly. 2095.	71007	1982	Premise Match	100m	North West
40	CLOTHING-RETAIL-LADIES &/OR GIRLS WEAR.	Marie-Ann, 16 Sydney Rd., Manly. 2095	17526	1986	Premise Match	103m	South East
	DRESS SHOPS & ACCESSORIES.(D7450)	Marie-Ann, 16 Sydney Rd., Manly. 2095.	23137	1982	Premise Match	103m	South East
	BUSINESS AGENTS &/OR BROKERS. (B7920)	Triangle Real Estate Pty. Ltd., 1 Central Ave., Manly, 2095.	10401	1982	Premise Match	103m	South East
	REAL ESTATE AGENTS. (R2555)	Triangle Real Estate Pty. Ltd., 1 Central Ave., Manly. 2095.	69804	1982	Premise Match	103m	South East
	TAILORS-LADIES &/OR GENTS.	Calacoci, V., 1b Central Ave., Manly. 2095	69021	1978	Premise Match	103m	South East
	DRESS SHOPS & ACCESSORIES.	Marie Anne Frock Salon, 16 Sydney Rd., Manly. 2095	20279	1978	Premise Match	103m	South East
	REAL ESTATE AGENTS &/OR VALUERS.	Triangle Real Estate Pty. Ltd, 1 Central Ave, Manly. 2095	62325	1978	Premise Match	103m	South East
	BUSINESS AGENTS &/OR BROKERS.	Triangle Real Estate Pty. Ltd., 1 Central Ave., Manly. 2095	8792	1978	Premise Match	103m	South East
	RESTAURANTS.	Chalet, The., 3 Henrietta lane	73625	1975	Premise Match	103m	South East

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40	DRESS SHOPS & ACCESSORIES.	Marie Anne Salon, 16 Sydney Rd., Manly. 2095	23408	1975	Premise Match	103m	South East
	BUSINESS AGENTS &/OR BROKERS.	Triangle Real Estate Pty. Ltd., 1 Central Ave., Manly 2095	9919	1975	Premise Match	103m	South East
	REAL ESTATE AGENTS &/OR VALUERS.	Triangle Real Estate Pty. Ltd., 1 Central Ave., Manly. 2095	73052	1975	Premise Match	103m	South East
	TAILORS-LADIES' &/OR GENTS	Calacoci, Vince, 1b Central Ave., Manly	366631	1970	Premise Match	103m	South East
	CAFES, COFFEE LOUNGES, Etc. (C030)	Chalet (The)., 3-5 Henrietta Lane	275460	1970	Premise Match	103m	South East
	MOTOR TOWING SERVICES (M744)	Manly Village Towing Pty. Ltd., 5 Henrietta La., Manly	342510	1970	Premise Match	103m	South East
	DRESS SHOPS (D595)	Marie Anne's Frock Shop., 16 Sydney Rd., Manly	291513	1970	Premise Match	103m	South East
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS (B260)	Pandora Salon., 1c Central Ave., Manly	266441	1970	Premise Match	103m	South East
	MOTOR GARAGES & ENGINEERS(M6S6)	The Village Motors Pty. Ltd., 5 Henrietta Lane., MANLY	338722	1970	Premise Match	103m	South East
	MOTOR PARKING STATIONS (M688)	Village Garage, Parking & Service Station Pty. Ltd., 3 Henrietta La., Manly	340630	1970	Premise Match	103m	South East
	MOTOR SERVICE STATIONS-PETROL,OIL,Etc.	Village Garage, Parking A Service Station Pty. Ltd., 3 Henrietta La., MANLY	341600	1970	Premise Match	103m	South East
	MOTOR PAINTERS (M672)	Village Motors Pty. Ltd. (The)., 5 Henrietta La., Manly	339715	1970	Premise Match	103m	South East
	MOTOR PANEL BEATERS (M680)	Village Motors Pty. Ltd. (The)., 5 Henrietta Lane., Manly	340503	1970	Premise Match	103m	South East
	Tailors-Ladies'/Gents	Calacoci, Vince, 1b Central Ave., Manly	149485	1965	Premise Match	103m	South East
	Cafes, Tea Rooms, Coffee Lounges, Etc.	Chalet (The), 3-5 Henrietta Lane	60225	1965	Premise Match	103m	South East
	Locksmiths/Key Cutters	Hancock, V. G., 1e Central Ave., Manly	108388	1965	Premise Match	103m	South East
	Disposal Stores	Manly Fair Deal Shop, 1a Central Ave., Manly	74541	1965	Premise Match	103m	South East
	Motor Garages & Engineers	Manly Village Motors, 5 Henrietta St. Manly	122961	1965	Premise Match	103m	South East
	Motor Painters	Manly Village Motors, 5 Henrietta St., Manly	124074	1965	Premise Match	103m	South East
	Motor Panel Beaters	Manly Village Motors, 5 Henrietta St., Manly	124834	1965	Premise Match	103m	South East
	Frock & Coat Salons	Marie Anne's Frock Shop, 16 Sydney Rd., Manly	90107	1965	Premise Match	103m	South East
	Beauty Salons &/or Ladies Hairdressers	Pandora Salon., 1c Central Ave., Manly	51062	1965	Premise Match	103m	South East
	Motor Parking Stations	Village Garage Parking & Service Station, 3 Henrietta Lane, Manly	125216	1965	Premise Match	103m	South East
	Motor Garages & Engineers	Village Garage, Parking & Service Station, 3 Henrietta La. Manly	122965	1965	Premise Match	103m	South East
	TAILORS-LADIES'/GENT.'S	Donoghue, M., 1b Central Ave., Manly	254876	1961	Premise Match	103m	South East
	BEAUTY SALONS & LADIES' HAIRDRESSERS	Earle, Phyllis, 1c Central St., Manly	272376	1961	Premise Match	103m	South East
	DISPOSAL STORES	Manly Fair Deal Shop., 1a Central Ave., Manly	297292	1961	Premise Match	103m	South East
	FROCK & COAT SALONS	Marie Anne's Frock Shop, 16 Sydney Rd., Manly	314344	1961	Premise Match	103m	South East
	ROAD TRANSPORT SERVICES-INTERSTATE	McGrath, L. A., 15 Central Ave., Manly	246255	1961	Premise Match	103m	South East
	ROAD TRANSPORT SERVICES-N.S.W.	McGrath, L. A., 15 Central Ave., Manly	246421	1961	Premise Match	103m	South East
	MOTOR PARKING STATIONS	Village Garage & Service Station (The), 3 Henrietta Lane, Manly	350160	1961	Premise Match	103m	South East
	MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Village Garage & Service Station (The), 3 Henrietta Lane., MANLY	351247	1961	Premise Match	103m	South East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
40	MOTOR GARAGES & ENGINEERS	Village Motors (The), 5 Henrietta St., MANLY	348366	1961	Premise Match	103m	South East
	MOTOR PAINTERS	Village Motors (The), 5 Henrietta St., Manly	349247	1961	Premise Match	103m	South East
	MOTOR PANEL BEATERS	Village Motors (The), 5 Henrietta St., Manly	350044	1961	Premise Match	103m	South East
	HOUSE MAINTENANCE SPECIALISTS	Badmington, G. A., 5 Central Ave., Manly	63682	1950	Premise Match	103m	South East
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	Central Beauty Salon, 1c Central Ave., Manly	6965	1950	Premise Match	103m	South East
	CHIROPODISTS	Central Beauty Salon, 1c Central Ave., Manly	22565	1950	Premise Match	103m	South East
	TAILORS-LADIES &/OR GENT.'S	Donoghue, M., 18 Central Ave., Manly	106312	1950	Premise Match	103m	South East
	LOCKSMITHS & KEY CUTTERS	Hancock, V. G., 1 Central Ave., Manly	69707	1950	Premise Match	103m	South East
	LOCKSMITHS & KEY CUTTERS	Newton, A. D., 1e Central Ave., Manly	69720	1950	Premise Match	103m	South East
	SPORTS GOODS RETAILERS	Walker, K., 1a Central Ave., Manly	104588	1950	Premise Match	103m	South East
	INSURANCE AGENTS	Walker, Keith, 1a Central Ave., Manly	65039	1950	Premise Match	103m	South East
41	Real Estate Agents	Raine & Horne Manly, 55 Sydney Rd Manly 2095	60603	1991	Premise Match	104m	South
	HAIRDRESSERS-LADIES &/OR BEAUTY SALONS.	Crimpers Hair Design, 53 Sydney Rd., Manly. 2095	41867	1986	Premise Match	104m	South
	PROPERTY MANAGEMENT.	Raine & Horne Manly, 55 Sydney Rd., Manly. 2095	77880	1986	Premise Match	104m	South
	REAL ESTATE AGENTS.	Raine & Horne Manly, 55 Sydney Rd., Manly. 2095	80043	1986	Premise Match	104m	South
	DELICATESSENS, (D1250)	Livanos, P., 53 Sydney Rd., Manly. 2095.	19549	1982	Premise Match	104m	South
	FURNITURE &/OR FURNISHINGS-RETAIL. (F7625)	Wallis Furniture, 55 Sydney Rd, Manly. 2095.	34868	1982	Premise Match	104m	South
	DELICATESSENS.	Livanos, P., 53 Sydney Rd., Manly. 2095	17549	1978	Premise Match	104m	South
	CAKE SHOPS &/OR PASTRYCOOKS.	Patsy Cake Shop, The. 53a Sydney Rd., Manly. 2095	10914	1978	Premise Match	104m	South
	CHEMISTS-PHARMACEUTICAL.	Sydney Road Pharmacy, 55 Sydney Rd., Manly. 2095	13885	1978	Premise Match	104m	South
	DRESS SHOPS & ACCESSORIES.	Boutique Barbie, 55b Sydney Rd., Manly. 2095	23006	1975	Premise Match	104m	South
	CHEMISTS-PHARMACEUTICAL	Green, G. Pharmacy, 55 Sydney Rd., Manly. 2095	15333	1975	Premise Match	104m	South
	DELICATESSENS	Lyons Delicatessen, 53 Sydney Rd., Manly. 2095	20314	1975	Premise Match	104m	South
	CAKE SHOPS &/OR PASTRYCOOKS.	Patsy, The, 53a Sydney Rd., Manly. 2095	12716	1975	Premise Match	104m	South
	CHEMISTS-PHARMACEUTICAL	Reid's Pharmacy., 55 Sydney Rd., Manly	281031	1970	Premise Match	104m	South
	DELICATESSENS (D080)	Wallis, L. & K., 53 Sydney Rd., Manly	288085	1970	Premise Match	104m	South
	Chemists - Pharmaceutical	Reid's Pharmacy, 55 Sydney Rd., Manly	65536	1965	Premise Match	104m	South
	DELICATESSENS	Wallis, L. & K., 53 Sydney Rd., Manly	72850	1965	Premise Match	104m	South
	MERCERS—MEN'S & BOYS' OUTFITTERS	Caldwell, David & K., 55 Sydney Rd., Manly	336820	1961	Premise Match	104m	South
	DELICATESSENS	Wallis, L. &. K., 53 Sydney Rd., Manly	295379	1961	Premise Match	104m	South
42	RESTAURANTS.	L'Alouette, The, 49 Sydney Rd., Manly. 2095	82050	1986	Premise Match	104m	South
	BUSINESS AGENTS &/OR BROKERS. (B7920)	Fawkner, J. B. Real Estate, 51 Sydney Rd., Manly. 2095.	10277	1982	Premise Match	104m	South
	PROPERTY MANAGEMENT. (P9060)	Fawkner, J. B. Real Estate, 51 Sydney Rd., Manly. 2095.	67278	1982	Premise Match	104m	South

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
42	REAL ESTATE AGENTS. (R2555)	Fawkner, J. B. Real Estate, 51 Sydney Rd., Manly. 2095.	68919	1982	Premise Match	104m	South
	TAKE-AWAY FOODS. (T0235)	Pavlova Pantry, 49 Sydney Rd., Manly. 2095.	78781	1982	Premise Match	104m	South
	PROPERTY MANAGEMENT.	Fawkner, J. B. Real Estate, 51 Sydney Rd., Manly. 2095	60140	1978	Premise Match	104m	South
	BUSINESS AGENTS &/OR BROKERS.	Fawkner. J. B. Real Estate, 51 Sydney Rd., Manly. 2095	8658	1978	Premise Match	104m	South
	REAL ESTATE AGENTS &/OR VALUERS.	Pawkner, J. B. Real Estate, 51 Sydney Rd., Manly. 2095	61634	1978	Premise Match	104m	South
	PROPERTY MANAGEMENT.	Fawkner, J. B. Real Estate., 51 Sydney Rd., Manly. 2095	70612	1975	Premise Match	104m	South
	REAL ESTATE AGENTS &/OR VALUERS.	Fawkner, J. B. Real Estate., 51 Sydney Rd., Manly. 2095	72299	1975	Premise Match	104m	South
	BUSINESS AGENTS &/OR BROKERS.	Fawkner. J. B. Real Estate, 51 Sydney Rd., Manly. 2095	9757	1975	Premise Match	104m	South
	CAKE SHOPS & PASTRYCOOKS (C045)	Patsy Manly (The)., 49 Sydney Rd., Manly	276794	1970	Premise Match	104m	South
	Cake Shops & Pastrycooks	Patsy Manly (The), 49 Sydney Rd., Manly	61491	1965	Premise Match	104m	South
	CAKE SHOPS & PASTRYCOOKS	Patsy Manly (The), 49 Sydney Rd., Manly	283230	1961	Premise Match	104m	South
	FRUITERERS/GREENGROCERS	Viola, V. (B. Bee), 51 Sydney Rd., Manly	316387	1961	Premise Match	104m	South
43	TRAVEL AGENCIES &/OR BOOKING OFFICES.	Landmark Tours, 19 Belgrave St., Manly. 2095.	95424	1986	Premise Match	104m	South
	NEWSAGENTS.	Millard Newsagency, 57 Sydney Rd., Manly. 2095	69519	1986	Premise Match	104m	South
	NEWSAGENTS. (N0800)	Dalla Newsagency, 57 Sydney Rd., Manly. 2095.	60472	1982	Premise Match	104m	South
	TRAVEL AGENCIES &/OR BOOKING OFFICES. (T7425)	Landmark Tours, 19 Belgrave St., Manly. 2095.	81970	1982	Premise Match	104m	South
	DRESS SHOPS & ACCESSORIES.	Boutique Barbie, 57 Sydney Rd., Manly. 2095	19939	1978	Premise Match	104m	South
	Beauty Salons &/or Ladies Hairdressers	Williams, Jean., 57 Sydney Rd., Manly	51326	1965	Premise Match	104m	South
	JEWELLERS/WATCHMAKERS —RETAIL	Longmuir, Colin, 19 Belgrave St., Manly	329258	1961	Premise Match	104m	South
	BEAUTY SALONS & LADIES' HAIRDRESSERS	Williams, Jean, 57 Sydney Rd., Manly	272873	1961	Premise Match	104m	South
44	Photographic Developing Printing &/or Colouring Services	Manly Photographic Studio, 40 Pittwater Rd., Manly 2095	57417	1991	Premise Match	105m	North
	RESTAURANTS.	Lentil As Anything, 42 Pittwater Rd., Manly. 2095	82135	1986	Premise Match	105m	North
	PHOTOGRAPHIC DEVELOPING, PRINTING &/OR COLOURING SERVICES.	Manly Photographic Studio 40 Pittwater Rd., Manly. 2095	73070	1986	Premise Match	105m	North
	VIDEO RECORDER &/OR CASSETTE SALES &/OR HIRE &/OR SERVICE.	Spit Junction Video Centre, 40 Pittwater Rd. Manly. 2095	97742	1986	Premise Match	105m	North
	STATIONERS - WHOLESALE. (S5565)	Coolabah Gaffery Pty. Ltd., 19 Denison St., Manly. 2095.	76653	1982	Premise Match	105m	North
	GREETING CARD MFRS. &/OR DISTS. IG7400)	Coolabah Gallery Pty. Ltd., 19 Denison St., Manly. 2095.	37238	1982	Premise Match	105m	North
	IMPORTERS. (I0750)	Coolabah Gallery Pty. Ltd., 19 Denison St., Manly. 2095.	41501	1982	Premise Match	105m	North
	GREETING CARD MFRS. &/OR DISTS.	Coolabah Gallery Pty. Ltd., 19 Denison St., Manly. 2095	33551	1978	Premise Match	105m	North
	IMPORTERS.	Coolabah Gallery Pty. Ltd., 19 Denison St., Manly. 2095	36807	1978	Premise Match	105m	North
	ST ATIONERS-WHOLESALE.	Coolabah Gallery Pty. Ltd., 19 Denison St., Manly. 2095	67877	1978	Premise Match	105m	North
	GREETING CARD MFRS. &/OR DISTS.	Barker, F J. & Son Pty. Ltd., 19 Denison St., Manly. 2095	39018	1975	Premise Match	105m	North
	STATIONERS-WHOLESALE	Barker. F.J. & Son Pty. Ltd., 19 Denison St., Manly. 2095	80248	1975	Premise Match	105m	North

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44	IMPORTERS.	Barker.F.J., & Son Pty. Ltd., 19 Denison St., Manly. 2095	43494	1975	Premise Match	105m	North
	SURFING EQUIPMENT MFRS. (S805)	B.D.V. Promotions, 44 Pittwater Rd., Manly, 2095.	366260	1970	Premise Match	105m	North
	SPORTS GOODS W'SALERS (S446)	B.D.V. Promotions, 44 Pittwater Rd., Manly.	363588	1970	Premise Match	105m	North
	IMPORTERS (I200)	Barker, F. J. & Son Pty. Ltd., 19 Denison St., Manly	318073	1970	Premise Match	105m	North
	MANUFACTURERS' AGENTS (M112)	Barker, F. J. & Son Pty. Ltd., 19 Denison St., Manly	324654	1970	Premise Match	105m	North
	PAPER MILL AGENTS (P146)	Barker, F. J. & Son Pty. Ltd., 19 Denison St., Manly	347143	1970	Premise Match	105m	North
	PAPER-WRAPPING-MERCHANTS(P158)	Barker, F. J. & Son Pty. Ltd., 19 Denison St., Manly	347245	1970	Premise Match	105m	North
	GREETING CARD MANUFACTURERS &/OR DISTRIBUTORS (G615)	Barker, F.J.& Son Pty. Ltd., 19 Denison St., Manly	312007	1970	Premise Match	105m	North
	SPORTS GOODS RETAILERS (S443)	Manly Surfshop & Stor-A-Bord, 44 Pittwater Rd., Manly	363468	1970	Premise Match	105m	North
	GREETING CARD MANUFACTURERS &/OR DISTRIBUTORS (G615)	Morton & Barker Pty. Ltd., 19 Denison St., Manly	312023	1970	Premise Match	105m	North
	IMPORTERS (I200)	Morton & Barker Pty. Ltd., 19 Denison St., Manly	318573	1970	Premise Match	105m	North
	MANUFACTURERS' AGENTS (M112)	Morton & Barker Pty. Ltd., 19 Denison St., Manly	325148	1970	Premise Match	105m	North
	PAPER MILL AGENTS (P146)	Morton & Barker Pty. Ltd., 19 Denison St., Manly	347152	1970	Premise Match	105m	North
	PAPER-WRAPPING-MERCHANTS(P158)	Morton & Barker Pty. Ltd., 19 Denison St., Manly	347262	1970	Premise Match	105m	North
	WAX MANUFACTURERS &/OR IMPORTERS (W115)	P.D.V.Promotions, 44 Pittwater Rd., Manly, 2095	373335	1970	Premise Match	105m	North
	UPHOLSTERERS (U050)	Peninsula Upholstery, 38 Pittwater Rd., Manly	372109	1970	Premise Match	105m	North
	DANCING TEACHERS & STUDIOS	Waite, R., 19 Denison St., Manly	294498	1961	Premise Match	105m	North
	CLOTHING MFRS. &/OR W'SALERS-GENERAL	Young Apparel Pty. Ltd., 19 Dennison St., Manly	289634	1961	Premise Match	105m	North
	CLOTHING MFRS. &/OR W'SALERS-BABY &/OR CHILDREN'S WEAR	Young Apparel, 19 Denison St., Manly	289152	1961	Premise Match	105m	North
	FURNITURE-HOUSEHOLD-RETAILERS	Frances Furniture, 19 Denison St., Manly	53478	1950	Premise Match	105m	North
	ANTIQUE DEALERS	Francis, E. M., 19 Denison St., Manly	1843	1950	Premise Match	105m	North
45	NEWSPAPER PUBLISHERS.	Manly Daily Pty. Ltd., The, 26 Sydney Rd., Manly. 2095	69820	1986	Premise Match	105m	South East
	NEWSPAPERS &/OR PERIODICALS.	Manly Daily Pty. Ltd., The, 26 Sydney Rd., Manly. 2095	69893	1986	Premise Match	105m	South East
	PRINTERS - LETTERPRESS.	Manly Daily Pty. Ltd., The, 26 Sydney Rd., Manly. 2095	76264	1986	Premise Match	105m	South East
	PRINTERS - LITHOGRAPHIC.	Manly Daily Pty. Ltd., The, 26 Sydney Rd., Manly. 2095	76756	1986	Premise Match	105m	South East
	STATIONERS - RETAIL.	Manly Daily Pty. Ltd., The, 26 Sydney Rd., Manly. 2095	88484	1986	Premise Match	105m	South East
	DISCOUNT HOUSES.	Manly Disposals/Jean Centre, 22 Sydney Rd., Manly. 2095	24173	1986	Premise Match	105m	South East
	STATIONERS - MANUFACTURING.	W. C. Penfold & Co. Pty. Ltd.Manly, 26 Sydney Road.	88264	1986	Premise Match	105m	South East
	PROPERTY MANAGEMENT. (P9060)	Christian, R. J. & Co., 18 Sydney Rd., Manly. 2095.	67218	1982	Premise Match	105m	South East
	REAL ESTATE AGENTS. (R2555)	Christian, R. J. & Co., 18 Sydney Rd., Manly. 2095.	68769	1982	Premise Match	105m	South East
	STATIONERS - RETAIL. (S5535)	Manly Daily Pty. Ltd, The, 26 Sydney Rd., Manly. 2095.	76499	1982	Premise Match	105m	South East
	NEWSPAPER PUBLISHERS.*. (N0850)	Manly Daily Pty. Ltd., The, 26 Sydney Rd., Manly. 2095.	60949	1982	Premise Match	105m	South East

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45	NEWSPAPERS &/OR PERIODICALS. (N1100)	Manly Daily Pty. Ltd., The, 26 Sydney Rd., Manly. 2095.	61025	1982	Premise Match	105m	South East
	PRINTERS - LETTERPRESS. (P8420)	Manly Daily Pty. Ltd., The, 26 Sydney Rd., Manly. 2095.	66178	1982	Premise Match	105m	South East
	PRINTERS - LITHOGRAPHIC (OFFSET). (P8440)	Manly Daily Pty. Ltd., The, 26 Sydney Rd., Manly. 2095.	66607	1982	Premise Match	105m	South East
	DISCOUNT HOUSES. (D4040)	Manly Disposals/Jean Centre, 22 Sydney Rd., Manly. 2095.	21582	1982	Premise Match	105m	South East
	AUCTIONEERS - REAL ESTATE.(A8430)	Pearsons (Manly) Pty. Ltd., 22 Sydney Rd., Manly. 2095.	4021	1982	Premise Match	105m	South East
	BUSINESS AGENTS &/OR BROKERS. (B7920)	Pearsons (Manly) Pty. Ltd., 22 Sydney Rd., Manly. 2095.	10358	1982	Premise Match	105m	South East
	PROPERTY MANAGEMENT. (P9060)	Pearsons (Manly) Pty. Ltd., 22 Sydney Rd., Manly. 2095.	67514	1982	Premise Match	105m	South East
	REAL ESTATE AGENTS. (R2555)	Pearsons (Manly) Pty. Ltd., 22 Sydney Rd., Manly. 2095.	69518	1982	Premise Match	105m	South East
	REAL ESTATE AGENTS &/OR VALUERS.	Christian, R. J. & Co., 18 Sydney Rd., Manly. 2095	61497	1978	Premise Match	105m	South East
	PROPERTY MANAGEMENT.	Christian. R. J. & Co., 18 Sydney Rd., Manly. 2095	60092	1978	Premise Match	105m	South East
	DRESS SHOPS & ACCESSORIES.	Hartley Frock Salon, 16 Sydney Rd., Manly. 2095	20143	1978	Premise Match	105m	South East
	NEWSPAPER PUBLISHERS.	Manly Daily Pty Ltd, The, 26 Sydney Rd, Manly 2095	54215	1978	Premise Match	105m	South East
	NEWSPAPERS &/OR PERIODICALS.	Manly Daily Pty Ltd, The, 26 Sydney Rd, Manly 2095	54291	1978	Premise Match	105m	South East
	PRINTERS-LETTERPRESS.	Manly Daily Pty. Ltd., The, 26 Sydney Rd., Manly. 2095	59106	1978	Premise Match	105m	South East
	PRINTERS-LITHOGRAPHIC	Manly Daily Pty. Ltd., The, 26 Sydney Rd., Manly. 2095	59524	1978	Premise Match	105m	South East
	STATIONERS-RETAIL.	Manly Daily Pty. Ltd., The, 26 Sydney Rd., Manly. 2095	67745	1978	Premise Match	105m	South East
	REAL ESTATE AGENTS &/OR VALUERS.	Pearsons (Manly) Pty. Ltd, 22 Sydney Rd, Manly. 2095	62096	1978	Premise Match	105m	South East
	AUCTIONEERS-REAL ESTATE.	Pearsons (Manly) Pty. Ltd., 22 Sydney Rd., Manly. 2095	3772	1978	Premise Match	105m	South East
	BUSINESS AGENTS &/OR BROKERS.	Pearsons (Manly) Pty. Ltd., 22 Sydney Rd., Manly. 2095	8752	1978	Premise Match	105m	South East
	PROPERTY MANAGEMENT.	Pearsons (Manly) Pty. Ltd., 22 Sydney Rd., Manly. 2095	60313	1978	Premise Match	105m	South East
	REAL ESTATE AGENTS &/OR VALUERS.	Coopers Real Estate., 22 Sydney Rd., Manly. 2095	72168	1975	Premise Match	105m	South East
	BUILDERS &/OR BUILDING CONTRACTORS.	Fairlight Building Co. Pty. Ltd. 18 Sydney Rd. Manly 2095	8467	1975	Premise Match	105m	South East
	BOOT &/OR SHOE REPAIRERS.	Littles Dry Cleaners, 28 Sydney Rd., Manly. 2095	7753	1975	Premise Match	105m	South East
	DRY CLEANERS, PRESSERS &/OR DYERS.	Littles Dry Cleaners, 28 Sydney Rd., Manly. 2095	24183	1975	Premise Match	105m	South East
	NEWSPAPERS &/OR PERIODICALS.	Manly Daily Ltd., 24 Sydney Rd., Manly. 2095	64076	1975	Premise Match	105m	South East
	PRINTERS-LETTERPRESS.	Manly Daily Ltd., 24 Sydney Rd., Manly. 2095	69533	1975	Premise Match	105m	South East
	STATIONERS-RETAIL	Manly Daily Ltd., 24 Sydney Rd., Manly. 2095	80063	1975	Premise Match	105m	South East
	STATIONERS-RETAIL	Manly Daily Pty. Ltd., 24 Sydney Rd, Manly. 2095	80064	1975	Premise Match	105m	South East
	NEWSPAPER PUBLISHERS	Manly Daily Pty. Ltd., 24 Sydney Rd., Manly. 2095	63982	1975	Premise Match	105m	South East
	NEWSPAPERS &/OR PERIODICALS.	Manly Daily Pty. Ltd., 24 Sydney Rd., Manly. 2095	64077	1975	Premise Match	105m	South East
	PRINTERS-LETTERPRESS.	Manly Daily Pty. Ltd., 24 Sydney Rd., Manly. 2095	69534	1975	Premise Match	105m	South East
	ASSOCIATIONS & SOCIETIES (A612)	Manly Chamber of Commerce, 26 Sydney Rd., Manly	262962	1970	Premise Match	105m	South East
	NEWSPAPERS/PERIODICALS (N130)	Manly Daily Pty. Ltd., 24-26 Sydney Rd., Manly	344219	1970	Premise Match	105m	South East

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45	PRINTERS-LETTERPRESS (P806)	Manly Daily Pty. Ltd., 24-26 Sydney Rd., Manly	352190	1970	Premise Match	105m	South East
	STATIONERS-RETAIL (S516)	Manly Daily Pty. Ltd., 24-26 Sydney Rd., Manly	364655	1970	Premise Match	105m	South East
	Associations & Societies	Manly Chamber of Commerce., 26 Sydney Rd., Manly	47921	1965	Premise Match	105m	South East
	Newspapers/Periodicals	Manly Daily Pty. Ltd., 24-26 Sydney Rd., Manly	128828	1965	Premise Match	105m	South East
	Printers - Letterpress	Manly Daily Pty. Ltd., 24-26 Sydney Rd., Manly	136175	1965	Premise Match	105m	South East
	STATIONERS—RETAIL	Manly Daily Pty. Ltd., 24-26 Sydney Rd., Manly	147592	1965	Premise Match	105m	South East
	DRAPERS-RETAIL	Adeldon (The), 24 Sydney Rd., Manly	297725	1961	Premise Match	105m	South East
	HANDBAG/GLOVE SPECIALISTS	Adeldon (The), 24 Sydney Rd., Manly	322851	1961	Premise Match	105m	South East
	NEWSPAPERS/PERIODICALS	Manly Daily Ltd., 26 Sydney Rd., Manly	353781	1961	Premise Match	105m	South East
	PRINTERS-LETTERPRESS	Manly Daily Ltd., 26 Sydney Rd., Manly	362277	1961	Premise Match	105m	South East
	STATIONERS-RETAIL	Manly Daily Ltd., 26 Sydney Rd., Manly	253024	1961	Premise Match	105m	South East
	FRUITERERS & GREENGROCERS	Busy Bee, 26 Sydney Rd., Manly	49708	1950	Premise Match	105m	South East
	WINE SALOONS	Caldwells Wine Saloons, 14 Sydney Rd., Manly	113727	1950	Premise Match	105m	South East
	FRUITERERS & GREENGROCERS	Digger's Fruit Shop (The), 26a Sydney Rd., Manly	49956	1950	Premise Match	105m	South East
	MILLINERY-RETAIL	French, May, 22 Sydney Rd., Manly	78727	1950	Premise Match	105m	South East
	FRUITERERS & GREENGROCERS	Helson, R. and Gosper, F. M., 26a Sydney Rd., Manly	50291	1950	Premise Match	105m	South East
	DRY CLEANERS, PRESSERS & DYERS	Jones, Dry Cleaners Pty. Ltd. 12 Sydney Rd., Manly	35336	1950	Premise Match	105m	South East
	DRY CLEANERS, PRESSERS & DYERS	Littles Dry Cleaner 20 Sydney Rd., Manly	35423	1950	Premise Match	105m	South East
	FRUITERERS & GREENGROCERS	Macree, C., 26a Sydney Rd., Manly	50610	1950	Premise Match	105m	South East
	REFRIGERATOR SALES &/OR SERVICE	Manly and Warringah Sewing Machine Service, 24 Sydney Rd., Manly	99291	1950	Premise Match	105m	South East
	SEWING MACHINE DEALERS	Manly and Warringah Sewing Machine Service, 24 Sydney Rd., Manly	101426	1950	Premise Match	105m	South East
	PRINTERS-GENERAL	Manly Daily Pty. Ltd., 18.Sydney Rd., Manly	95016	1950	Premise Match	105m	South East
	NEWSPAPERS & PERIODICALS	Manly Dally, 18 Sydney Rd., Manly	88747	1950	Premise Match	105m	South East
	SEWING MACHINE REPAIRERS	Manly Warringah Sewing Machine Service, 24 Sydney Rd., Manly	101497	1950	Premise Match	105m	South East
	WINE & SPIRIT MERCHANTS-RETAIL	Newson, T. E., 14 Sydney Rd., Manly	113543	1950	Premise Match	105m	South East
	FOOTWEAR-RETAILERS	Practical Shoes, 26 Sydney Rd., Manly	47444	1950	Premise Match	105m	South East
	MILK BARS & CONFECTIONERS	Rose, G., 24a Sydney Rd., Manly	77297	1950	Premise Match	105m	South East
	MIXED BUSINESSES & GENERAL STORES	Rose, G., 24a Sydney Rd., Manly	80899	1950	Premise Match	105m	South East
	SEWING MACHINE DEALERS	Tuddenham, A. J., 24 Sydney Rd., Manly	101452	1950	Premise Match	105m	South East
46	BUTCHERS-RETAIL.	Pacific Butchery, 30 Pittwater Rd., Manly. 2095	10393	1986	Premise Match	105m	North
	BUTCHERS - RETAIL. (B8040)	Pacific Butchery, 30 Pittwater Rd., Manly. 2095	11348	1982	Premise Match	105m	North
	SECONDHAND DEALERS. (S1815)	St. Vincent De Paul Society, 30 Pittwater Rd., Manly. 2095.	73939	1982	Premise Match	105m	North
	BUTCHERS-RETAIL.	Pacific Butchery, 30 Pittwater Rd., Manly. 2095	9687	1978	Premise Match	105m	North

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
46	BUTCHERS-RETAIL	Pacific Butchery, 30 Pittwater Rd., Manly. 2095	10935	1975	Premise Match	105m	North
	BUTCHERS-RETAIL (B860)	Pacific Service., 30 Pittwater Rd., Manly	274263	1970	Premise Match	105m	North
	Fruiterers & Greengrocers	Borgese, V., 32 Pittwater Rd., Manly	90902	1965	Premise Match	105m	North
	Butchers - Retail	Hayes, Ron., 30 Pittwater Rd., Manly	58482	1965	Premise Match	105m	North
	Butchers - Retail	Pacific Service., 30 Pittwater Rd., Manly	59016	1965	Premise Match	105m	North
	BUTCHERS-RETAIL	Hayes, Ron, 30 Pittwater Rd., Manly	280458	1961	Premise Match	105m	North
	BUTCHERS-RETAIL	Pacific Service, 30 Pittwater Rd., Manly	280915	1961	Premise Match	105m	North
47	CLUBS & SPORTING BODIES (C487)	Manly War Memorial Club., 34 Raglan St., Manly	284407	1970	Premise Match	106m	North West
	Clubs & Sporting Bodies	Manly War Memorial Club, 34 Raglan St., Manly	69079	1965	Premise Match	106m	North West
	CLUBS & SPORTS BODIES	Manly War Memorial Club, 34 Raglan St., Manly	291616	1961	Premise Match	106m	North West
48	CLOTHING-RETAIL-LADIES &/OR GIRLS WEAR.	Hartley Frock Salon, 38 Sydney Rd., Manly.2095	17274	1986	Premise Match	107m	South East
	ELECTRICAL SUPPLIES &/OR APPLIANCES-RETAIL	Binning, R. Electrics, 34 Sydney Rd., Manly. 2095.	26243	1975	Premise Match	107m	South East
	REAL ESTATE AGENTS &/OR VALUERS.	Traven Real Estate., 36 Sydney Rd., Manly. 2095	73048	1975	Premise Match	107m	South East
	INSURANCE BROKERS.	Travers Eric J. & Associates Pty. Ltd., 36 Sydney Rd., Manly. 2095	44932	1975	Premise Match	107m	South East
	INSURANCE CONSULTANTS.	Travers Eric J. & Associates Pty. Ltd., 36 Sydney Rd., Manly. 2095	45218	1975	Premise Match	107m	South East
	REAL ESTATE AGENTS &/OR VALUERS.	Travers Real Estate Pty. Ltd., 36 Sydney Rd., Manly. 2095	73049	1975	Premise Match	107m	South East
	FINANCIERS &/OR FINANCE AGENTS.	Travers, Eric J. & Associates Pty. Ltd., 36 Sydney Rd., Manly. 2095.	32077	1975	Premise Match	107m	South East
	DESIGN CONSULTANTS (D175)	Hermsen, Hank., 36 Sydney Rd., Manly	289240	1970	Premise Match	107m	South East
	SEWING MACHINE REPAIRERS (S204)	Manly & Warringah Sewing Machine Service, 34 Sydney Rd., Manly	360450	1970	Premise Match	107m	South East
	SEWING MACHINE DEALERS (S191)	Manly StWarringah Sewing Machine Service, 34 Sydney Rd., Manly	360385	1970	Premise Match	107m	South East
	TOWN-PLANNING CONSULTANTS(T530)	Rose, Cleveland, 36 Sydney Rd., Manly	369941	1970	Premise Match	107m	South East
	SOLICITORS (S413)	Spooner, M. A., 36 Sydney Rd., Manly	363051	1970	Premise Match	107m	South East
	SURVEYORS-LAND	Stoddart, C., 36 Sydney Rd. Manly	366452	1970	Premise Match	107m	South East
	INSURANCE CONSULTANTS (I560)	Travers, E. & Associates., Rural Bank Chambers, 36 Sydney Rd., Manly	320443	1970	Premise Match	107m	South East
	FINANCIERS/FINANCE AGENTS (F180)	Travers, E.J.& Associates., 36 Sydney Rd., Manly	303069	1970	Premise Match	107m	South East
	INSURANCE BROKERS (I520)	Travers, Eric J & Associates., 36 Sydney Rd., Manly	320111	1970	Premise Match	107m	South East
	Business Agents &/or Brokers	Alert Estate & Business Agency (Mrs. Parrack)., 36 Sydney Rd, & 14 Carley Rd., Manly	57366	1965	Premise Match	107m	South East
	Design Consultants	Hermsen, Hank, 36 Sydney Rd., Manly	73922	1965	Premise Match	107m	South East
	Sewing Machine Dealers	Manly & Warringah Sewing Machine Service., 34 Sydney Rd., Manly	143676	1965	Premise Match	107m	South East
	Footwear Retailers	Practical "Shoe Store", 38 Sydney Rd., Manly	89071	1965	Premise Match	107m	South East
	Architects	Rose, Cleveland & Associates, 36 Sydney Rd., Manly	46785	1965	Premise Match	107m	South East
	TOWN-PLANNING CONSULTANTS	Rose, Cleveland, 36 Sydney Rd., Manly	152796	1965	Premise Match	107m	South East
	Frock & Coat Salons	Siljay's Ladies' Sportswear, 42 Sydney Rd., Manly	90296	1965	Premise Match	107m	South East

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48	SOLICITORS	Spooner, M. A., 36 Sydney Rd., Manly	146139	1965	Premise Match	107m	South East
	SEWING MACHINE DEALERS	Manly & Warringah Sewing Machine Service, 34 Sydney Rd., Manly	249018	1961	Premise Match	107m	South East
	HEALTH FOOD RETAILERS	Manly Health Foods, 40 Sydney Rd., Manly	324102	1961	Premise Match	107m	South East
	FOOTWEAR RETAILERS	Practical “Shoe Store”, 38 Sydney Rd., Manly	313216	1961	Premise Match	107m	South East
49	Real Estate Agents	Elders Real Estate, 47 Sydney Rd., Manly 2095	60162	1991	Premise Match	109m	South
	CHEMISTS-PHARMACEUTICAL.	Blair, M. J. Pharmacy, 47 Sydney Rd., Manly. 2095	13976	1986	Premise Match	109m	South
	CHEMISTS - PHARMACEUTICAL.(C4110)	Biair, M. J. Moores Pharmacy, 47 Sydney Rd., Manly. 2095.	14776	1982	Premise Match	109m	South
	CHEMISTS-PHARMACEUTICAL.	Blair. M. J., Moores Pharmacy, 47 Sydney Rd., Manly. 2095	12974	1978	Premise Match	109m	South
	CHEMISTS-PHARMACEUTICAL	Moore's Pharmacy, 47 Sydney Rd., Manly. 2095	15643	1975	Premise Match	109m	South
	CHEMISTS-PHARMACEUTICAL	Moore's Pharmacy., 47 Sydney Rd., Manly	280828	1970	Premise Match	109m	South
	Chemists - Pharmaceutical	Moore's Pharmacy, 47 Sydney Rd., Manly	65368	1965	Premise Match	109m	South
	CHEMISTS-PHARMACEUTICAL	Moore’s Pharmacy, 47 Sydney Rd., Manly	287892	1961	Premise Match	109m	South
50	HOTELS-LICENSED (H690)	Millers Pacific Hotel., 55 Ocean Beach., Manly	317438	1970	Premise Match	109m	East
	Hotels - Licensed	Millers Pacific Hotel, 55 Ocean Beach, Manly	101751	1965	Premise Match	109m	East
	Hotels - Private	Ocean Beach Private Hotel, 58 Ocean Beach, Manly	102092	1965	Premise Match	109m	East
	HOTELS—LICENSED	Hotel Pacific, 56 North Steyne, Manly	325426	1961	Premise Match	109m	East
	FLATS, RESIDENTIALS, Etc.	En Wismore. 57 Ocean Beach, Manly	45111	1950	Premise Match	109m	East
51	Auctioneers Real Estate	Ray White Real Estate Manly, 45 Sydney Rd., Manly 2095	34779	1991	Premise Match	110m	South
	REAL ESTATE AGENTS.	Roy Ross Real Estate Pty. Ltd. 45 Sydney Road, Manly. 2095	79052	1986	Premise Match	110m	South
	PROPERTY MANAGEMENT.	Roy Ross Real Estate Pty. Ltd., 45 Sydney Rd., Manly. 2095	77937	1986	Premise Match	110m	South
	REAL ESTATE AGENTS.	Roy Ross Real Estate Pty. Ltd., 45 Sydney Rd., Manly. 2095	80139	1986	Premise Match	110m	South
	PROPERTY MANAGEMENT. (P9060)	Roy Ross Real Estate Pty. Ltd., 45 Sydney Rd., Manly. 2095.	67573	1982	Premise Match	110m	South
	REAL ESTATE AGENTS. (R2555)	Roy Ross Real Estate Pty. Ltd., 45 Sydney Rd., Manly. 2095.	69666	1982	Premise Match	110m	South
	REAL ESTATE AGENTS &/OR VALUERS.	Roy Ross Real Estate Pty. Ltd, 45 Sydney Rd, Manly. 2095	62205	1978	Premise Match	110m	South
	PROPERTY MANAGEMENT.	Roy Ross Real Estate Pty. Ltd., 45 Sydney Rd., Manly. 2095	60348	1978	Premise Match	110m	South
	PROPERTY MANAGEMENT.	Ross, R. Pty. Ltd., 45 Sydney Rd., Manly. 2095	70794	1975	Premise Match	110m	South
	REAL ESTATE AGENTS &/OR VALUERS.	Ross, R. Pty. Ltd., 45 Sydney Rd., Manly. 2095	72914	1975	Premise Match	110m	South
	TRAVEL AGENCIES &/OR BOOKING OFFICES.	Ross, R. Pty. Ltd., 45 Sydney Rd., Manly. 2095	85115	1975	Premise Match	110m	South
	TRAVEL GOODS RETAILERS (T655)	Kathy Ann, 45 Sydney Rd., Manly	371276	1970	Premise Match	110m	South
	DRESS SHOPS (D595)	Kathy-Ann., 45 Sydney Rd., Manly	291403	1970	Premise Match	110m	South
	HANDBAG/GLOVE SPECIALISTS (H160)	Rawsons., 45 Sydney Rd., Manly	314805	1970	Premise Match	110m	South
	REAL ESTATE AGENTS/VALUERS(R205)	Rayward & Ross Pty. Ltd., 45 Sydney Rd., Manly.2095	355916	1970	Premise Match	110m	South
	Handbag/Glove Specialists	RawSons, 45 Sydney Rd., Manly	98844	1965	Premise Match	110m	South

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51	Travel Goods Retailers	Rawson's, 45 Sydney Rd., Manly	154100	1965	Premise Match	110m	South
	TRAVEL GOODS RETAILERS	Rawson's, 45 Sydney Rd., Manly	259658	1961	Premise Match	110m	South
	HANDBAG/GLOVE SPECIALISTS	Rawsons, 45 Sydney Rd., Manly	322916	1961	Premise Match	110m	South
52	Carriers & Cartage Contractors	Bryan, D., 27 Pittwater Rd., Manly	62903	1965	Premise Match	110m	North West
	TAXI TRUCK OPERATORS	Bryan, D., 27 Pittwater Rd., Manly	150259	1965	Premise Match	110m	North West
	CARRIERS & CARTAGE CONTRACTORS	Bryan, D., 27 Pittwater Rd., Manly	284597	1961	Premise Match	110m	North West
	TAXI TRUCK OPERATORS	Bryan, O., 27 Pittwater Rd., Manly	255598	1961	Premise Match	110m	North West
53	FLORISTS-RETAIL.	Champagne & Roses, 43A Sydney Rd., Manly. 2095	33693	1986	Premise Match	112m	South
	GIFT SHOPS.	Champagne & Roses, 43A Sydney Rd., Manly. 2095	38922	1986	Premise Match	112m	South
	TOY DEALERS - RETAIL.	Champagne & Roses, 43A Sydney Rd., Manly. 2095	94366	1986	Premise Match	112m	South
	FLORISTS-RETAIL.	Champagne & Roses. 43A Sydney Road, Manly. 2095	33621	1986	Premise Match	112m	South
	CLOTHING-RETAIL-LADIES &/OR GIRLS WEAR.	D.J.'s Boutique, 43A Sydney Rd., Manly. 2095	17016	1986	Premise Match	112m	South
	BUTCHERS-RETAIL	Cook's. 43 Sydney Rd., Manly. 2095	10229	1975	Premise Match	112m	South
	Butchers - Retail	Riverina Meat Co. (Manly)., 43 Sydney Rd., Manly	59191	1965	Premise Match	112m	South
	BUTCHERS-RETAIL	Riverina Meat Co. (Manly), 43 Sydney Rd., Manly	281075	1961	Premise Match	112m	South
54	JEWELLERS &/OR WATCHMAKERS-RETAIL.	Pearson, R. H., 41 Sydney Rd., Manly. 2095	49889	1986	Premise Match	114m	South
	JEWELLERS &/OR WATCHMAKERS RETAIL. (J0550)	Pearson, R. H., 41 Sydney Rd., Manly. 2095.	43709	1982	Premise Match	114m	South
	JEWELLERS &/OR WATCHMAKERS-RETAIL.	Pearson. R.H., 41 Sydney Rd., Manly. 2095	38957	1978	Premise Match	114m	South
	JEWELLERS &/OR WATCHMAKERS-RETAIL	Pearson's., 41 Sydney Rd., Manly. 2095	46047	1975	Premise Match	114m	South
	FOOTWEAR RETAILERS (F495)	Practical Shoe Store., 41a Sydney Rd., Manly	305697	1970	Premise Match	114m	South
	Footwear Retailers	Practical Shoe Store, 41a Sydney Rd., Manly	89072	1965	Premise Match	114m	South
	RADIO &/OR TELEVISION SALES & SERVICEMEN	Sydney Road Hardware & Radio, 41 Sydney Rd. MANLY	364322	1961	Premise Match	114m	South
	ELECTRICAL SUPPLIES/APPLIANCES RETAILERS	Sydney Road Hardware, 41 Sydney Rd., Manly	303425	1961	Premise Match	114m	South
	HARDWARE DEALERS/IRONMONGERS	Sydney Road Hardware, 41 Sydney Rd., MANLY	323345	1961	Premise Match	114m	South
55	DRY CLEANERS, PRESSERS &/OR DYERS	Plaza's Automatic Laundrette, Sydney Rd. & Short St., Manly. 2095	20918	1978	Road Intersection	116m	South
56	ELECTRICAL SUPPLIES &/OR APPLIANCES-RETAIL.	Tandy, Electronics, 39 Sydney Rd., Manly. 2095	27556	1986	Premise Match	117m	South
	ELECTRICAL SUPPLIES &/OR APPLIANCES - RETAIL. (E3840)	Tandy Electronics, 39 Sydney Rd., Manly. 2095.	25874	1982	Premise Match	117m	South
	GROCERS-RETAIL	Goodways, 39 Sydney Rd., Manly. 2095	33941	1978	Premise Match	117m	South
	GROCERS-RETAIL	Goodways. 39 Sydney Rd., Manly. 2095	39472	1975	Premise Match	117m	South
57	HEALTH FOODS-RETAIL.	Sanitarium Health Food Co., 35 Sydney Rd., Manly. 2095	45396	1986	Premise Match	120m	South
	HEALTH FOODS - RETAIL. (H3000)	Sanitarium Health Food Co., 35 Sydney Rd., Manly. 2095.	39781	1982	Premise Match	120m	South
	HEALTH FOODS-RETAIL.	Sanitarium Health Food Centre, 35 Sydney Rd., Manly. 2095	35403	1978	Premise Match	120m	South

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57	HEALTH FOODS-RETAIL	Sanitarium Health Food Centre, 37 Sydney Rd., Manly. 2095	41888	1975	Premise Match	120m	South
	HEALTH FOOD RETAILERS (H350)	Branster's Health (Bulk) Foods., 37 Sydney Rd., Manly	315913	1970	Premise Match	120m	South
	Health Food Retailers	Branster's Health (Bulk) Foods, 37 Sydney Rd., Manly	99998	1965	Premise Match	120m	South
	DELICATESSENS	Harrison, L. & A., 35 Sydney Rd., Manly	72261	1965	Premise Match	120m	South
	HEALTH FOOD RETAILERS	Branster's Health Foods, 37 Sydney Rd., Manly	324063	1961	Premise Match	120m	South
	DELICATESSENS	Post, A. Health Foods, 35 Sydney Rd., Manly	295172	1961	Premise Match	120m	South
58	SPORTS GOODS RETAILERS.	Hardings, Ron Sports Centre Pty. Ltd., 17 Belgrave St., Manly. 2095	87490	1986	Premise Match	122m	South
	SPORTS GOODS RETAILERS. (S4875)	Hardings, Ron Sports Centre Pty. Ltd., 17 Belgrave St., Manly. 2095.	75471	1982	Premise Match	122m	South
	SPORTS GOODS RETAILERS.	Hardings, Ron Sports Centre Pty. Ltd., 17 Belgrave St., Manly. 2095	66861	1978	Premise Match	122m	South
	BOOT & SHOE REPAIRERS	Johnston, HB & GS., 17 Belgrave St., Manly.	268947	1970	Premise Match	122m	South
	BOOT & SHOE REPAIRERS	Johnston, H. B. & G. S., 17 Belgrave St., Manly	53407	1965	Premise Match	122m	South
	BOOT & SHOE REPAIRERS	Johnston, H. B. & G. S., 17 Belgrave St., Manly	274905	1961	Premise Match	122m	South
	BOOT & SHOE REPAIRERS	Johnston, P., 17 Belgrave St., Manly	274906	1961	Premise Match	122m	South
59	BOOKSELLERS - RETAIL. (B4475)	Viking Books, 31 Pittwater Rd., Manly. 2095.	8016	1982	Premise Match	123m	North
	CLUBS & SPORTING BODIES (C487)	Manly Diggers' Club., 33 Pittwater Rd., Manly	284401	1970	Premise Match	123m	North
	Clubs & Sporting Bodies	Manly Diggers' Club, 33 Pittwater Rd., Manly	69071	1965	Premise Match	123m	North
	PHOTOGRAPHERS—CANDID	Joyce Studios, 29 Pittwater Rd., Manly	357548	1961	Premise Match	123m	North
	PHOTOGRAPHERS—COMMRCL.	Joyce Studios, 29 Pittwater Rd., Manly	357605	1961	Premise Match	123m	North
	PHOTOGRAPHERS—PORTRAIT	Joyce Studios, 31 Pittwater Rd., Manly	357746	1961	Premise Match	123m	North
	CLUBS & SPORTS BODIES	Manly Diggers' Club, 33 Pittwater Rd., Manly	291608	1961	Premise Match	123m	North
	CHIROPODISTS	Read, G. E., 33 Pittwater Rd., Manly	288629	1961	Premise Match	123m	North
	MOTOR GARAGES & ENGINEERS	Royal Garage, 31 Pittwater Rd. MANLY	348075	1961	Premise Match	123m	North
	ELECTRICAL CONTRACTORS-LICENSED	Royal Garage, 31 Pittwater Rd., Manly	302469	1961	Premise Match	123m	North
	MOTOR BRAKE SERVICES	Royal Garage, 31 Pittwater Rd., Manly	344563	1961	Premise Match	123m	North
	MOTOR ELECTRICIANS	Royal Garage, 31 Pittwater Rd., Manly	346148	1961	Premise Match	123m	North
	MOTOR PAINTERS	Royal Garage, 31 Pittwater Rd., Manly	349144	1961	Premise Match	123m	North
	MOTOR PANEL BEATERS	Royal Garage, 31 Pittwater Rd., Manly	349925	1961	Premise Match	123m	North
	CLOTHING MFRS. &/OR WHOLESALERS LADIES' MANTLES	"Dorothea," 31 Pittwater Rd., Manly	23802	1950	Premise Match	123m	North
	CLOTHING MFRS. &/OR WHOLESALERS-GENERAL	"Dorothea", 31 Pittwater Rd., Manly	24668	1950	Premise Match	123m	North
	CLOTHING MFRS. &/OR WHOLESALERS UNDERWEAR	Dorothea, 31 Pittwater Rd., Manly	24305	1950	Premise Match	123m	North
	CLOTHING MFRS. &/OR WHOLESALERS-GENERAL	Dorothea, 31 Pittwater Rd., Manly	24786	1950	Premise Match	123m	North
	FISH MERCHANTS-RETAIL	Hazell, G. H., 33 Pittwater Rd., Manly	44371	1950	Premise Match	123m	North
	CAKE SHOPS & PASTRYCOOKS	Page, L. A., 33a Pittwater Rd., Manly	17070	1950	Premise Match	123m	North

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60	GIFT SHOPS.	Market Place, The, 33 Sydney Rd., Manly. 2095	39292	1986	Premise Match	124m	South
	GIFT SHOPS. (G3350)	Market Place, The, 33 Sydney Rd., Manly. 2095.	36427	1982	Premise Match	124m	South
	DRESS FABRIC RETAILERS.	Concept Shopping, 31 Sydney Rd., Manly. 2095	22810	1975	Premise Match	124m	South
	DRESS SHOPS & ACCESSORIES.	Concept Shopping, 31 Sydney Rd., Manly. 2095	23071	1975	Premise Match	124m	South
	LINGERIE &/OR HOSIERY SPECIALISTS	Concept Shopping., 31 Sydney Rd., Manly. 2095	47648	1975	Premise Match	124m	South
	SEWING MACHINE SALES &/OR SERVICE	Concept Shopping., 31 Sydney Rd., Manly. 2095	76690	1975	Premise Match	124m	South
	SPORTSWEAR RETAILERS	Concept Shopping., 31 Sydney Rd., Manly. 2095	79218	1975	Premise Match	124m	South
	DRESS SHOPS (D595)	Miss Manly Shoppe., 31-33 Sydney Rd., Manly	291555	1970	Premise Match	124m	South
	Frock & Coat Salons	Miss Manly Shoppe, 31-33 Sydney Rd., Manly	90145	1965	Premise Match	124m	South
	MERCERS—MEN'S & BOYS' OUTFITTERS	Burns (Manly) Pty. Ltd., 31-33 Sydney Rd., Manly	336816	1961	Premise Match	124m	South
61	LOCKSMITHS &/OR KEY CUTTERS.	Hancock, V. G., 18A Whistler St., Manly. 2095	51805	1986	Premise Match	125m	South
	HAIRDRESSERS-LADIES &/OR BEAUTY SALONS.	Lyas Hair Salon, 18A Whistler St., Manly. 2095	42689	1986	Premise Match	125m	South
	ELECTRICAL SUPPLIES &/OR APPLIANCES-RETAIL.	Woodwards Electrics, 18 Whistler Rd., Manly. 2095	27577	1986	Premise Match	125m	South
	ACCOUNTANTS & AUDITORS. (A0360)	Davis & Associates, 18 Whistler St., Manly. 2095.	329	1982	Premise Match	125m	South
	LOCKSMITHS &/OR KEY CUTTERS. (L6350)	Hancock, V. G., 18A Whistler St., Manly. 2095.	45554	1982	Premise Match	125m	South
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS. (B2000)	Lyas Hair Salon, 18A Whistler St., Manly. 2095.	6122	1982	Premise Match	125m	South
	ELECTRICAL SUPPLIES &/OR APPLIANCES - RETAIL. (E3840)	Woodwards Electrics, 18 Whistler Rd., Manly. 2095.	25892	1982	Premise Match	125m	South
	ACCOUNTANTS & AUDITORS.	Davies, R. & Associates, 18 Whistler St., Manly. 2095	279	1978	Premise Match	125m	South
	LOCKSMITHS &/OR KEY CUTTERS.	Hancock. V. G., 18a Whistler St., Manly. 2095	40550	1978	Premise Match	125m	South
	LOCKSMITHS &/OR KEY CUTTERS.	Hancock, V. G., 18a Whistler St., Manly. 2095	47873	1975	Premise Match	125m	South
	LOCKSMITHS/KEY CUTTERS (L650)	Hancock, V. G., 18a Whistler St., Manly	323832	1970	Premise Match	125m	South
	TOY DEALERS-RETAIL	Hunt's Pram Shop, 18a Whistler St., Manly	370102	1970	Premise Match	125m	South
	RADIO &/OR TELEVISION SALES & SERVICEMEN (R090)	Woodward's Radio T. V. & Appliance Store., 18 Whistler St., MANLY	354603	1970	Premise Match	125m	South
	ELECTRICAL SUPPLIES/APPLIANCES RETAILERS	Woodward's Radio, T. V. & Appliance Store., 18 Whistler St., Manly	295976	1970	Premise Match	125m	South
	REFRIGERATOR DEALERS &/OR SERVICEMEN (R247)	Woodwards Radio, TV & Apllance Store, 18 Whistler St., Manly	356584	1970	Premise Match	125m	South
	ELECTRICAL SUPPLIES/APPLIANCES MANUFACTURERS (E320)	Woodward's Radio, TV & Appliance Store., 18 Whistler St., Manly	296186	1970	Premise Match	125m	South
	TOY DEALERS—- RETAIL	Hunt's Pram Shop, 18a Whistler St., Manly	152953	1965	Premise Match	125m	South
	Pram & Stroller Retailers &/or Specialists	Hunt's Pram Shop., 18a Whistler St., Manly	135682	1965	Premise Match	125m	South
	Refrigerator Dealers &/or Servicemen	Wocdwards Radio, TV & Apliance Store, 18 Whistler St., Manly	140095	1965	Premise Match	125m	South
	Radio &/Or Television Sales & Servicemen	Woodward's Radio T.V. & Appliance Store., 18 Whistler St., Manly	138282	1965	Premise Match	125m	South
	Electrical Supplies/Appliances Mfrs.	Woodward's Radio, TV & Appliance Store., 18 Whistler St., Manly	79262	1965	Premise Match	125m	South

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
61	PRAM & STROLLER RETAILERS &/OR SPECIALISTS	Hunt's Pram Shop, 18a Whistler St., Manly	361665	1961	Premise Match	125m	South
	FURNITURE-HOUSEHOLD-RETAILERS	Pram Shop, 18 Whistler St., Manly	317858	1961	Premise Match	125m	South
	FURNITURE-NURSERY-MFRS. &/OR WHOLESALERS	Pram Shop, 18 Whistler St., Manly	318056	1961	Premise Match	125m	South
	TOY DEALERS-RETAIL	Pram Shop, 18 Whistler St., Manly	258602	1961	Premise Match	125m	South
	RADIO &/OR TELEVISION SALES & SERVICEMEN	Woodward, H., 18a Whistler St. MANLY	364323	1961	Premise Match	125m	South
	ELECTRICAL SUPPLIES/APPLIANCES RETAILERS	Woodward, H., 18a Whistler St., Manly	303489	1961	Premise Match	125m	South
	REFRIGERATOR DEALERS &/OR SERVICEMEN	Woodward, H., 18a Whistler St., Manly	245647	1961	Premise Match	125m	South
	CYCLE DEALERS & ACCESSORIES	Manly Cycle Works, 18 Whistler St., Manly	29873	1950	Premise Match	125m	South
	TOBACCONISTS-RETAIL	Pearse, L, 18 Whistler St., Manly	108801	1950	Premise Match	125m	South
	RADIO SALES &/OR SERVICEMEN	Woodward, H., 18a Whistler St., Manly	97757	1950	Premise Match	125m	South
62	Real Estate Agents	Richardson & Wrench Manly, 12 Belgrave St Manly 2095	60694	1991	Premise Match	128m	South
	RESTAURANTS.	Sahibs, 15 Belgrave St., Manly. 2095	82771	1986	Premise Match	128m	South
	PHYSIOTHERAPISTS.	Whittaker, Caroline, 13 Belgrave St., Manly. 2095	73630	1986	Premise Match	128m	South
	TOY DEALERS - RETAIL. (T6200)	Manly Hobby Centre, 12 Belgrave St., Manly 2095	81134	1982	Premise Match	128m	South
	RESTAURANTS. (R5180)	Sahibs, 15 Belgrave St., Manly. 2095.	71671	1982	Premise Match	128m	South
	TOY DEALERS-RETAIL.	Manly Hobby Centre, 12 Belgrave St, Manly.2095	71665	1978	Premise Match	128m	South
	SPORTS GOODS RETAILERS.	Harding's Sports Centre., 15 Belgrave St., Manly. 2095	79047	1975	Premise Match	128m	South
	TOY DEALERS., RETAIL	Manly Hobby Centre., 12 Belgrave St., Manly, 2095	84318	1975	Premise Match	128m	South
	ENGINEERS-REFRIGERATION.	Manly Refrigeration Service Co., 7 Whistler St., Manly. 2095	30170	1975	Premise Match	128m	South
	REFRIGERATOR DEALERS &/OR SERVICEMEN.	Manly Refrigeration Service Co., 7 Whistler St., Manly. 2095	73350	1975	Premise Match	128m	South
	DENTISTS.	Smyth, J., 16 Belgrave St., Manly. 2005	21389	1975	Premise Match	128m	South
	SPORTS GOODS RETAILERS (S443)	Harding's (Ron) Sports Centre, 16 Belgrave St., Manly	363430	1970	Premise Match	128m	South
	PHYSIOTHERAPISTS (P312)	Jones, M. L., 14 Belgrave St., Manly	348570	1970	Premise Match	128m	South
	Cake Shops & Pastrycooks	Davis Home Made Cakes., 15 Belgrave St., Manly	61170	1965	Premise Match	128m	South
	Fishing Tackle Manufacturers &/or Dealers	Harding's (Ron) Sports Centre (Retail), 15-16 Belgrave St., Manly	87283	1965	Premise Match	128m	South
	SPORTS GOODS RETAILERS	Harding's (Ron) Sports Centre, 16 Belgrave St., Manly	146478	1965	Premise Match	128m	South
	Gem Merchants	Harding's (Ron) Sports Centre., 16 Belgrave St., Manly	94746	1965	Premise Match	128m	South
	Physiotherapists	Jones, M. L., 14 Belgrave St., Manly	132916	1965	Premise Match	128m	South
	Frock & Coat Salons	Kathy-Ann Frocks, 13 Belgrave St., Manly	90019	1965	Premise Match	128m	South
	Beauty Salons &/or Ladies Hairdressers	Keegan, Miss J., 14 Belgrave St., Manly	50808	1965	Premise Match	128m	South
	Hairdressers (Gent.'s)/Tobacconists	Sullivan, H., 12 Belgrave St., Manly	98558	1965	Premise Match	128m	South
	PHOTOGRAPHIC SUPPLIES	Brown, R. & B., 13 Belgrave St., Manly	357969	1961	Premise Match	128m	South
	CAKE SHOPS & PASTRYCOOKS	Davis Home Made Cakes, 15 Belgrave St., Manly	282941	1961	Premise Match	128m	South

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
62	PHYSIOTHERAPISTS	Jones, M. L., 14 Belgrave St., Manly	358109	1961	Premise Match	128m	South
	BEAUTY SALONS & LADIES' HAIRDRESSERS	Keegan, Miss J., 14 Belgrave St., Manly	272523	1961	Premise Match	128m	South
	HAIRDRESSERS (GENT.'S) /TOBACCONISTS	Sullivan, H., 12 Belgrave St., Manly	322546	1961	Premise Match	128m	South
63	Property Management	Charles Park Real Estate Pty. Ltd., 29 Sydney Rd Manly 2095	59584	1991	Premise Match	129m	South
	Auctioneers Real Estate	Charles Park Real Estate Pty. Ltd., 29 Sydney Rd., Manly 2095	34678	1991	Premise Match	129m	South
	BUSINESS AGENTS &/OR BROKERS.	Charles Park Real Estate Pty. Ltd., 29 Sydney Rd., Manly. 2095	9328	1986	Premise Match	129m	South
	PROPERTY MANAGEMENT.	Charles Park Real Estate Pty. Ltd., 29 Sydney Rd., Manly. 2095	77482	1986	Premise Match	129m	South
	REAL ESTATE AGENTS.	Charles Park Real Estate Pty. Ltd., 29 Sydney Rd., Manly. 2095	79263	1986	Premise Match	129m	South
	REAL ESTATE AGENTS. (R2555)	Park, C. & Co. Pty, Ltd., 29 Sydney Rd., Manly. 2095.	69497	1982	Premise Match	129m	South
	BUSINESS AGENTS &/OR BROKERS. (B7920)	Park, C. & Co. Pty. Ltd., 29 Sydney Rd., Manly. 2095.	10354	1982	Premise Match	129m	South
	PROPERTY MANAGEMENT. (P9060)	Park, C. & Co. Pty. Ltd., 29 Sydney Rd., Manly. 2095.	67509	1982	Premise Match	129m	South
	PROPERTY MANAGEMENT.	Park, C. & Co. Pty. Ltd., 29 Sydney Rd., Manly. 2095	60306	1978	Premise Match	129m	South
	REAL ESTATE AGENTS &/OR VALUERS.	Park, C. & Co. Pty. Ltd., 29 Sydney Rd., Manly. 2095	62081	1978	Premise Match	129m	South
	BUSINESS AGENTS &/OR BROKERS.	Park. C. & Co. Pty. Ltd., 29 Sydney Rd., Manly. 2095	8747	1978	Premise Match	129m	South
	REAL ESTATE AGENTS &/OR VALUERS.	Park, C. & Co. Pty. Ltd., 29 Sydney Rd., Manly. 2095	72776	1975	Premise Match	129m	South
	BUSINESS AGENTS &/OR BROKERS.	Park. C. & Co. Pty. Ltd., 29 Sydney. Rd., Manly 2095	9858	1975	Premise Match	129m	South
64	CLUBS & SPORTING BODIES (C487)	Manly Rugby Union Club Ltd (The)., 61 Sydney Rd., Manly	284404	1970	Premise Match	129m	South West
	Clubs & Sporting Bodies	Manly Rugby Union Club Ltd. (The), 61 Sydney Rd., Manly	69075	1965	Premise Match	129m	South West
	MEDICAL PRACTITIONERS	Butler, J. L., 61a Sydney Rd., Manly	334714	1961	Premise Match	129m	South West
	CLUBS & SPORTS BODIES	Manly Kugby Union Club Ltd. (The), 61 Sydney Rd., Manly	291610	1961	Premise Match	129m	South West
65	FLORISTS-RETAIL.	Asta, 27 Sydney Rd., Manly. 2095	33642	1986	Premise Match	133m	South East
	PODIATRISTS.	Donnelly, C., 27 Sydney Rd., Manly. 2095	75378	1986	Premise Match	133m	South East
	BOOT &/OR SHOE REPAIRERS.	Manly Shoe Repairs, 27 Sydney Rd., Manly. 2095	7404	1986	Premise Match	133m	South East
	CAFES, MILK BARS &/OR SNACK BARS.	Roycroft Coffee Lounge, 27 Sydney Rd., Manly. 2095	11389	1986	Premise Match	133m	South East
	PHOTOGRAPHIC EQUIPMENT DEALERS.	Wills Camera House, 27 Sydney Rd., Manly. 2095	73193	1986	Premise Match	133m	South East
	FLORISTS - RETAIL. (F4125)	Asta, 27 Sydney Rd., Manly. 2095.	31383	1982	Premise Match	133m	South East
	CHIROPODISTS. (C4335)	Donnelly, C., 27 Sydney Rd., Manly. 2095.	16010	1982	Premise Match	133m	South East
	SCIENTIFIC APPARATUS MFRS.&/OR DISTS. (S1530)	Global Instrument Service, 27 Sydney Rd., Manly. 2095.	73611	1982	Premise Match	133m	South East
	BOOT&/OR SHOE REPAIRERS.(B4760)	Manly Shoe Repairs. 27 Sydney Rd., Manly. 2095.	8201	1982	Premise Match	133m	South East
	CAFES, TEA ROOMS &/OR COFFEELOUNGES. (C0345)	Roycroft Coffee Lounge, 27 Sydney Rd., Manly. 2095.	12358	1982	Premise Match	133m	South East
	PHOTOGRAPHIC EQUIPMENT DEALERS	Wills Camera House, 27 Sydney Rd., Manly. 2095.	63774	1982	Premise Match	133m	South East
	SCIENTIFIC APPARATUS MFRS. &/OR DISTS.	Global Instrument Service, 27 Sydney Rd., Manly. 2095	65128	1978	Premise Match	133m	South East
	CAFES, TEA ROOMS &/OR COFFEE LOUNGES.	Roycroft Coffee Lounge, 27 Sydney Rd., Manly. 2095	10600	1978	Premise Match	133m	South East

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65	GIFT SHOPS.	Southwells Gift Shop, 27 Sydney Rd., Manly. 2095	32960	1978	Premise Match	133m	South East
	JEWELLERS &/OR WATCHMAKERS-RETAIL.	Tosca Jewellers, 27 Sydney Rd., Manly. 2095	39023	1978	Premise Match	133m	South East
	JEWELLERS &/OR WATCHMAKERS-RETAIL.	Wigney, A. E., 27 Sydney Rd., Manly. 2095	39042	1978	Premise Match	133m	South East
	BUILDERS &/OR BUILDING CONTRACTORS.	Kircombe Corporation Pty. Ltd., 27 Sydney Rd., Manly. 2095	8543	1975	Premise Match	133m	South East
	LAND DEVELOPERS.	Kircombe Corporation Pty. Ltd., 27 Sydney Rd., Manly. 2095	46771	1975	Premise Match	133m	South East
	REAL ESTATE AGENTS &/OR VALUERS.	Leslie. S. Pty. Ltd., 27 Sydney Rd., Manly. 2095	72618	1975	Premise Match	133m	South East
	CAFES, TEA ROOMS &/OR COFFEE LOUNGES.	Roycroft Arcade Coffee Lounge, 27 Sydney Rd., Manly. 2095	12241	1975	Premise Match	133m	South East
	TOBACCONISTS., RETAIL	Roycroft Tobacco Kiosk., 27 Sydney Rd., Manly. 2095	83676	1975	Premise Match	133m	South East
	JEWELLERS &/OR WATCHMAKERS-RETAIL	Tosca Jewellers., 27 Sydney Rd., Manly. 2095	46117	1975	Premise Match	133m	South East
	JEWELLERS &/OR WATCHMAKERS-RETAIL	Wigney A. E., 27 Sydney Rd., Manly. 2095	46139	1975	Premise Match	133m	South East
	DIAL PRINTERS (D185)	Berc Signs Manly, 27 Sydney Rd., Manly	289282	1970	Premise Match	133m	South East
	CAFES, COFFEE LOUNGES, Etc. (C030)	Roycroft Arcade Coffee Lounge., 27 Sydney Rd	276041	1970	Premise Match	133m	South East
	TOBACCONISTS-RETAIL	Roycroft Tobacco Kiosk, 27 Sydney Rd., Manly	369323	1970	Premise Match	133m	South East
	GIFT SHOPS (G180)	Southwells Gift Shop., 27 Sydney Rd., Manly	311001	1970	Premise Match	133m	South East
	JEWELLERS/WATCHMAKERS-RETAIL(J060)	Tosca Jewellers., 27 Sydney Rd., Manly	321328	1970	Premise Match	133m	South East
	JEWELLERS/WATCHMAKERS-RETAIL(J060)	Wigney, A. E., Room 7, 27 Sydney Rd., Manly	321358	1970	Premise Match	133m	South East
	PHOTOGRAPHIC SUPPLIES (P300)	Wills Camera Centre., 27 Sydney Rd., Manly	348400	1970	Premise Match	133m	South East
	BUSINESS AGENTS &/OR BROKERS(B852)	Wood, E. A & Co., 27 Sydney Rd., Manly	272985	1970	Premise Match	133m	South East
	Display Machines - Window - Manufacturers	Berc Neon Signs (Aust.), 27 Sydney Rd., Manly	74472	1965	Premise Match	133m	South East
	Plastic Display Units	BeRC Neon Signs (Aust.), 27 Sydney Rd., Manly	133720	1965	Premise Match	133m	South East
	Electric Sign Manufacturers &/or Installers	Berc Signs (Aust.), 27 Sydney Rd., Manly	78170	1965	Premise Match	133m	South East
	SIGNWRITERS	Berc Signs Manly, 12 Roycroft Arc., 27 Sydney Rd., Manly	144848	1965	Premise Match	133m	South East
	Colour Chart Mfrs.	Berc Signs Manly, 27 Sydney Rd., Manly	69614	1965	Premise Match	133m	South East
	Dial Printers	Berc Signs Manly, 27 Sydney Rd., Manly	73937	1965	Premise Match	133m	South East
	Display Fittings - Mfrs. &/or Suppliers	Berc Signs Manly, 27 Sydney Rd., Manly	74400	1965	Premise Match	133m	South East
	Display Model Manufacturers &/or Suppliers	Berc Signs Manly, 27 Sydney Rd., Manly	74479	1965	Premise Match	133m	South East
	Plastic Signs, Letter Manufacturers	Berc Signs Manly, 27 Sydney Rd., Manly	134286	1965	Premise Match	133m	South East
	SIGN MANUFACTURERS	Berc Signs Manly, 27 Sydney Rd., Manly	144786	1965	Premise Match	133m	South East
	Transfer Manufacturers	Berc Signs Manly, 27 Sydney Rd., Manly	153626	1965	Premise Match	133m	South East
	Advertising Agents - Outdoor	Berc Signs Manly., 27 Sydney Rd., Manly	44698	1965	Premise Match	133m	South East
	Advertising Contractors - General	Berc Signs Manly., 27 Sydney Rd., Manly	44904	1965	Premise Match	133m	South East
	Advertising Display Spec.	Berc Signs Manly., 27 Sydney Rd., Manly	44965	1965	Premise Match	133m	South East
	Artists - Commercial	Berc Signs Manly., 27 Sydney Rd., Manly	47019	1965	Premise Match	133m	South East

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65	Building Directory Signs & Lettering Equipment Mfrs. &/or Suppliers	Berc Signs Manly., 27 Sydney Rd., Manly	56469	1965	Premise Match	133m	South East
	Screen Process Printers	Berc Signs Manly., 27 Sydney Rd., Manly	143302	1965	Premise Match	133m	South East
	Ticket Writers	Berc Signs Manly., 27 Sydney Rd., Manly	151416	1965	Premise Match	133m	South East
	Artists - Industrial	Berc Signs Mealy., 27 Sydney Rd., Manly	47095	1965	Premise Match	133m	South East
	SHOWCARD/POSTER ARTISTS	Berg Signs Manly, 27 Sydney Rd., Manly	144718	1965	Premise Match	133m	South East
	Hairdressers (Gent.'s)/Tobacconists	Johnson, Don., 27 Sydney Rd., Manly	98167	1965	Premise Match	133m	South East
	Chiropodists	Kennard, R. Barry, 27 Sydney Rd., Manly	66168	1965	Premise Match	133m	South East
	STAMP DEALERS	Philatelic Offices (Manly), 27 Sydney Rd., Manly	147134	1965	Premise Match	133m	South East
	Cafes, Tea Rooms, Coffee Lounges, Etc.	Roycroft Arcade Coffee Lounge, 27 Sydney Rd., Manly	60765	1965	Premise Match	133m	South East
	TOBACCONISTS—RETAIL	Roycroft Tobacco Kiosk, 27 Sydney Rd., Manly	152229	1965	Premise Match	133m	South East
	Gift Shops	Southwells Gift Shop, 27 Sydney Rd., Manly	95072	1965	Premise Match	133m	South East
	Jewellers/Watchmakers - Retail	Tosca Jewellers., 27 Sydney Rd., Manly	106259	1965	Premise Match	133m	South East
	Jewellers/Watchmakers - Retail	Wigney, A. E., Room 7., 27 Sydney Rd., Manly	106287	1965	Premise Match	133m	South East
	Photographic Supplies	Wills Camera Centre, 27 Sydney Rd., Manly	132794	1965	Premise Match	133m	South East
	Business Agents &/or Brokers	Wood, E. A. & Co., 27 Sydney Rd., Manly	57752	1965	Premise Match	133m	South East
	MERCANTILE AGENTS	N.S.W. Professional & Business Mercantile Agency Co., 27 Sydney Rd., Manly	336741	1961	Premise Match	133m	South East
	China, Crockery, Crystal, Cutlery, Earthenware, Glassware & Silverware Dealers	Roycroft Art Shoppe, 27 Sydney Rd., Manly	288474	1961	Premise Match	133m	South East
	GIFT SHOPS	Roycroft Art Shoppe, 27 Sydney Rd., Manly	319003	1961	Premise Match	133m	South East
66	FLATS, RESIDENTIALS, Etc.	Bailey, E. S., 54 Ocean Beach, Manly	44919	1950	Premise Match	134m	East
67	Secretarial Services	Manly Secretarial Services, Suite 13 2nd Fl 21 Sydney Rd Manly 2095	61829	1991	Premise Match	136m	South East
	ARCHITECTS.	Consulplan Pty. Ltd., 21 Sydney Rd., Manly 2095	3446	1986	Premise Match	136m	South East
	DESIGN CONSULTANTS.	Consulplan Pty. Ltd., 21 Sydney Rd., Manly. 2095	23788	1986	Premise Match	136m	South East
	ACCOUNTANTS & AUDITORS.	Curiewis, J. P, 21 Sydney Rd, Manly 2095	350	1986	Premise Match	136m	South East
	REAL ESTATE AGENTS.	Glibey Burgess Real Estate Pty. Ltd., 23 Sydney Rd., Manly. 2095	79463	1986	Premise Match	136m	South East
	ARCHITECTS.	Grant, J. & Associates, 21 Sydney Rd., Manly 2095	3493	1986	Premise Match	136m	South East
	ARCHITECTS.	Grant, John S. & Associates Pty. Ltd., 21 Sydney Rd., Manly. 2095	3494	1986	Premise Match	136m	South East
	DUPLICATING &/OR TYPING SPECIALISTS.	Manly Secretarial Services, 21 Sydney Rd., Manly. 2095	25615	1986	Premise Match	136m	South East
	SECRETARIAL SERVICES.	Manly Secretarial Services, 21 Sydney Rd., Manly. 2095	85534	1986	Premise Match	136m	South East
	INSURANCE &/OR LOSS ASSESSORS &/OR ADJUSTERS.	S. & K. Assessors, 21 Sydney Rd., Manly. 2095	48689	1986	Premise Match	136m	South East
	DESIGN CONSULTANTS.	Strangman, Brian & Associates Pty. Ltd., 21 Sydney Rd., Manly. 2095	23826	1986	Premise Match	136m	South East
	WINE &/OR SPIRIT MERCHANTS RETAIL.	Sydney Road Cellars, 25 Sydney Rd., Manly. 2095	99563	1986	Premise Match	136m	South East

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67	ACCOUNTANTS & AUDITORS. (A0360)	Beck, E. A. & Co., 21 Sydney Rd., Manly. 2095.	173	1982	Premise Match	136m	South East
	WINE &/OR SPIRIT MERCHANTS -. RETAIL. (W5960)	Claude Fays, 25 Sydney Rd., Manly. 2095.	84646	1982	Premise Match	136m	South East
	ACCOUNTANTS & AUDITORS. (A0360)	Curlewis, J. P., 21 Sydney Rd., Manly, 2095.	312	1982	Premise Match	136m	South East
	ARCHITECTS. (A6570)	Grant, J. & Associates, 21 Sydney Rd., Manly. 2095.	3151	1982	Premise Match	136m	South East
	SECRETARIAL SERVICES. (S1820)	Manly Secretarial Services, 21 Sydney Rd., Manly. 2095.	73965	1982	Premise Match	136m	South East
	FINANCIERS &/OR FINANCEAGENTS. (F1950)	Unity Mortgage Corporation Ltd., 23 Sydney Rd., Manly. 2095.	30743	1982	Premise Match	136m	South East
	INSURANCE BROKERS. (I4250)	Williams, R. & Associates, 21 Sydney Rd., Manly. 2095.	42693	1982	Premise Match	136m	South East
	ACCOUNTANTS & AUDITORS.	Appleton Rhodes & Co., 21 Sydney Rd., Manly. 2095	105	1978	Premise Match	136m	South East
	ENGINEERS-CONSULTING.	Arbon, L., 21 Sydney Rd., Manly. 2095	24003	1978	Premise Match	136m	South East
	ACCOUNTANTS & AUDITORS.	Beck. E. A. & Co., 21 Sydney Rd., Manly, 2095	137	1978	Premise Match	136m	South East
	ARCHITECTS.	Grant, J. & Associates, 21 Sydney Rd., Manly. 2095	2945	1978	Premise Match	136m	South East
	FINANCIERS &/OR FINANCE AGENTS.	Unity Mortgage Corporation Ltd., 23 Sydney Rd., Manly. 2095	27819	1978	Premise Match	136m	South East
	INSURANCE BROKERS.	Williams. R. & Associates, 21 Sydney Rd., Manly. 2095	38020	1978	Premise Match	136m	South East
	ACCOUNTANTS & AUDITORS.	Appleton Rhodes & Co., 21 Sydney Rd., Manly. 2095	97	1975	Premise Match	136m	South East
	ACCOUNTANTS & AUDITORS.	Beck, E. A. & Co., 21 Sydney Rd., Manly. 2095	126	1975	Premise Match	136m	South East
	ARCHITECTS.	Grant, J., 21 Sydney Rd., Manly. 2095	2759	1975	Premise Match	136m	South East
	PROPERTY MANAGEMENT.	Park, C. & Co. Pty. Ltd., 29 Sydney Rd., Manly. 2095	70748	1975	Premise Match	136m	South East
	LINGERIE &/OR HOSIERY SPECIALISTS	Sussan., 21 Sydney Rd., Manly. 2095	47769	1975	Premise Match	136m	South East
	SPORTSWEAR RETAILERS	Sussan., 21 Sydney Rd., Manly. 2095	79312	1975	Premise Match	136m	South East
	FINANCIERS &/OR FINANCE AGENTS.	Unity Mortgage Corporation Ltd., 21 Sydney Rd., Manly. 2095.	32080	1975	Premise Match	136m	South East
	DRESSMAKERS/COSTUMIERS (D600)	Elegance Salon., 21 Sydney Rd., Manly	291895	1970	Premise Match	136m	South East
	FINANCIERS/FINANCE AGENTS (F180)	Halifax Finance & Investment Ltd., 201 Bailey Chamb., 21 Sydney Rd., Manly	302946	1970	Premise Match	136m	South East
	DRESSMAKERS/COSTUMIERS (D600)	La Boutique Salon., 21 Sydney Rd., Manly	291938	1970	Premise Match	136m	South East
	CAKE SHOPS & PASTRYCOOKS (C045)	Patsy (The)., 25a Sydney Rd., Manly	276793	1970	Premise Match	136m	South East
	ENGINEERS-HOT WATER,VENTILATING (E640)	Smith, R. G. Pty. Ltd., 21 Sydney Rd., Manly	299945	1970	Premise Match	136m	South East
	ENGINEERS-SANITARY (E750)	Smith, R. G. Pty. Ltd., 21 Sydney Rd., Manly	300943	1970	Premise Match	136m	South East
	PLUMBERS,GASFITTERS/DRAINLAYERS(P608)	Smith, R. G. Pty. Ltd., 21 Sydney Rd., MANLY	350766	1970	Premise Match	136m	South East
	ART GALLERIES & MUSEUMS (A475)	Stuart Gallery, 21 Sydney Rd., Manly	262336	1970	Premise Match	136m	South East
	FINANCIERS/FINANCE AGENTS (F180)	Unity Mortgage Corporation Ltd., 21 Sydney Rd., Manly	303076	1970	Premise Match	136m	South East
	Beauty Salons &/or Ladies Hairdressers	B.B.C. Beauty Salon., 1a Bailey Chamb., 21. Sydney Rd., Manly	50346	1965	Premise Match	136m	South East
	Dressmakers/Costumiers	Elegance Salon, 21 Sydney Rd., Manly	75697	1965	Premise Match	136m	South East
	Financiers/Finance Agents	Halifax Finance & Investment Ltd., 201 Bailey Chamb., 21 Sydney Rd., Manly	86310	1965	Premise Match	136m	South East
	Cake Shops & Pastrycooks	Patsy (The), 25a Sydney Rd., Manly	61490	1965	Premise Match	136m	South East

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67	Financiers/Finance Agents	Unity Terms Pty. Ltd., 21 Sydney Rd., Manly	86446	1965	Premise Match	136m	South East
	FROCK & COAT SALONS	Austen's Salon (Mrs. H. G. Murray), 25 Sydney Rd., Manly	313997	1961	Premise Match	136m	South East
	INVISIBLE MENDING SPECIALISTS	Davis, Mrs., 21 Sydney Rd., Manly	328692	1961	Premise Match	136m	South East
	DRESSMAKERS/COSTUMIERS	Elegance Salon, 21 Sydney Rd., Manly	298582	1961	Premise Match	136m	South East
	CONCRETE CONTRACTORS-CONSTRUCTIONAL	Graham Evans & Company Pty. Ltd., 21 Sydney Rd., Manly	292221	1961	Premise Match	136m	South East
	BUILDERS & CONTRACTORS	Graham, Evans & Company Pty. Ltd., 21 Sydney Rd., Manly	276380	1961	Premise Match	136m	South East
	CHIROPODISTS	Lee, Austin E., 21 Sydney Rd., Manly	288591	1961	Premise Match	136m	South East
	CAKE SHOPS & PASTRYCOOKS	Patsy 'The), 25a Sydney Rd., Manly	283229	1961	Premise Match	136m	South East
	SURVEYORS-LAND	Stoddart, C. R., 21 Sydney Rd., Manly	254659	1961	Premise Match	136m	South East
	FINANCIERS/FINANCE AGENTS	Unity Terms Pty. Ltd., 21 Sydney Rd., Manly	310662	1961	Premise Match	136m	South East
	DRESSMAKERS/COSTUMIERS	Wright, Phyl, 21 Sydney Rd., Manly	298825	1961	Premise Match	136m	South East
68	RESTAURANTS.	Japanesian, 49 South Steyne, Manly. 2095	81905	1986	Premise Match	140m	East
	HAIRDRESSERS-LADIES &/OR BEAUTY SALONS.	Jean-Louis, 49 South Steyne, Manly. 2095	42456	1986	Premise Match	140m	East
	CHINA, CROCKERY, CRYSTAL, CUTLERY, EARTHENWARE, GLASSWARE & SILVERWARE DEALERS	Heritage Furnishing Co., 50 Ocean Beach., Manly	281476	1970	Premise Match	140m	East
	FURNITURE-GENERAL-MFRS. &/OR WHOLESALERS (F730)	Heritage Furnishing Co., 50 Ocean Beach., Manly	309239	1970	Premise Match	140m	East
	FURNITURE-HOUSEHOLD-RETAILERS	Heritage Furnishing Co., 50 Ocean Beach., Manly	309473	1970	Premise Match	140m	East
	FURNITURE-PERIOD-MFRS. &/OR WHOLESALERS (F780)	Heritage Furnishings Co., 50 Ocean Beach., Manly	310027	1970	Premise Match	140m	East
	TRAVEL AGENCIES/BOOKING OFFICES(T645)	Heritage Travel Service Pty. Ltd., 50 Ocean Beach, Manly	371075	1970	Premise Match	140m	East
	ELECTRICAL CONTRACTORS-LICENSED (E300)	Mackellar Electrical Services Pty. Ltd., 50 Ocean Beach., MANLY	294820	1970	Premise Match	140m	East
	ELECTRICAL CONTRACTORS-LICENSED (E300)	Mackellar Electrical Services Pty. Ltd., 50 Ocean Beach., MANLY	295323	1970	Premise Match	140m	East
	ELECTRICAL SUPPLIES/APPLIANCES RETAILERS	Mackellar Electrical Services Pty. Ltd., 50 Ocean Beach., Manly	295780	1970	Premise Match	140m	East
	RADIO &/OR TELEVISION SALES & SERVICEMEN (R090)	Mackellar Electrical Services Pty. Ltd., 50 Ocean Beach., MANLY	354395	1970	Premise Match	140m	East
	REAL ESTATE AGENTS/VALUERS(R205)	Triangle Real Estate Pty. Ltd., 50a Ocean Beach, MANLY	356125	1970	Premise Match	140m	East
	BUSINESS AGENTS &/OR BROKERS(B852)	Triangle Real Estate Pty. Ltd., 50a Ocean Beach., Manly	272942	1970	Premise Match	140m	East
	Beauty Salons &/or Ladies Hairdressers	Gumbert, Lola., 50 North Steyne, Manly Beach	50686	1965	Premise Match	140m	East
	China, Crockery, Crystal, Cutlery, Earthenware, Glassware & Silverware Dealers	Heritage Furnishing Co., 50 Ocean Beach, Manly	66012	1965	Premise Match	140m	East
	Electrical Contractors - Licensed	Oxlade, N. A. Pty. Ltd., 50a Ocean Beach Manly	78721	1965	Premise Match	140m	East
	Real Estate Agents/Valuers	Triangle Real Estate Pty. Ltd., 50a Ocean Beach Manly	139391	1965	Premise Match	140m	East
	Business Agents &/or Brokers	Triangle Real Estate Pty. Ltd., 50a Ocean Beach, Manly	57710	1965	Premise Match	140m	East
	Insurance Agents	Triangle Real Estate Pty. Ltd., 50a Ocean Beach, Manly	104593	1965	Premise Match	140m	East
	BEAUTY SALONS & LADIES' HAIRDRESSERS	Gumbert, Lola, 50 North Steyne, Manly Beach	272448	1961	Premise Match	140m	East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
68	China, Crockery, Crystal, Cutlery, Earthenware, Glassware & Silverware Dealers	Heritage Furnishing Co., 50 Ocean Beach, Manly	288431	1961	Premise Match	140m	East
	ELECTRICAL SUPPLIES/APPLIANCES RETAILERS	Heritage Furnishing Co., 50 Ocean Beach, Manly	303192	1961	Premise Match	140m	East
	FURNITURE-HOUSEHOLD-RETAILERS	Heritage Furnishing Co., 50 Ocean Beach, Manly	317776	1961	Premise Match	140m	East
	ELECTRICAL CONTRACTORS-LICENSED	Oxlade N A Pty Ltd 50a Ocean Beach, Manly	302359	1961	Premise Match	140m	East
	RADIO &/OR TELEVISION SALES & SERVICEMEN	Oxlade, N, A., 50a Ocean Beach MANLY	364321	1961	Premise Match	140m	East
	RADIO LOUD SPEAKER MFRS. &/OR DISTRIBUTORS	Oxlade, N. A. Pty. Ltd., 50 Ocean Beach, Manly	364580	1961	Premise Match	140m	East
	ELECTRICAL CONTRACTORS-LICENSED	Oxlade, N. A. Pty. Ltd., 50a Ocean Beach, Manly	302360	1961	Premise Match	140m	East
	ELECTRICAL SUPPLIES/APPLIANCES RETAILERS	Oxlade, N. A. Pty. Ltd., 50a Ocean Beach, Manly	303326	1961	Premise Match	140m	East
	REAL ESTATE AGENTS/VALUERS	Triangle Real Estate Pty. Ltd., 50a Ocean Beach MANLY	244741	1961	Premise Match	140m	East
	BUSINESS AGENTS &/OR BROKERS	Triangle Real Estate Pty. Ltd., 50a Ocean Beach, Manly	279699	1961	Premise Match	140m	East
	INSURANCE AGENTS	Triangle Real Estate Pty. Ltd., 50a Ocean Beach, Manly	328037	1961	Premise Match	140m	East
	FLATS, RESIDENTIALS, Etc.	Bary, Miss Mena, 51 Ocean Beach, Manly	44931	1950	Premise Match	140m	East
	CHIROPODISTS	Browne, Adele M., 49 East Steyne, Manly	22557	1950	Premise Match	140m	East
	FURNITURE DEALERS-SECONDHAND	Davies, H. M., 50 Ocean St., Manly	52509	1950	Premise Match	140m	East
	FURNITURE-HOUSEHOLD-RETAILERS	Davies, H. M., 50 Ocean St., Manly	53444	1950	Premise Match	140m	East
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	Grey, Jean, 49 East Steyne, Manly	7221	1950	Premise Match	140m	East
69	MEDICAL PRACTITIONERS.	Barker, John, 10 Belgrave St., Manly. 2095	53569	1986	Premise Match	141m	South
	RESTAURANTS.	Ho's At Manly, 10 Belgrave St., Manly. 2095	81803	1986	Premise Match	141m	South
	RESTAURANTS. (R5180)	Manly Chinese Restaurant, 10 Belgrave St., Manly. 2095.	71322	1982	Premise Match	141m	South
	BOOKSELLERS RETAIL.	Half Back Book & Record Exchanges, 5 Whistler Rd., Manly. 2095	6851	1978	Premise Match	141m	South
	STATIONERS-RETAIL.	Half Back Book & Record Exchanges, 5 Whistler Rd., Manly. 2095	67706	1978	Premise Match	141m	South
	JEWELLERS &/OR WATCHMAKERS-RETAIL.	Koopman, J. & L., 10 Belgrave St., Manly. 2095	38896	1978	Premise Match	141m	South
	RESTAURANTS.	Manly Chinese Restaurant, 11 Belgrave St, Manly. 2095	63179	1978	Premise Match	141m	South
	BOOKSELLERS RETAIL	Half Back. 5 Whistler St., Manly. 2095	7354	1975	Premise Match	141m	South
	STATIONERS-RETAIL	Half Back., 5 Whistler St., Manly. 2095	79998	1975	Premise Match	141m	South
	JEWELLERS &/OR WATCHMAKERS-RETAIL	Koopman J. & L., 10 Belgrave St., Manly. 2095	45985	1975	Premise Match	141m	South
	RESTAURANTS.	Manly Chinese Restaurant., 11 Belgrave St., Manly. 2095	73948	1975	Premise Match	141m	South
	SEWING MACHINE SALES &/OR SERVICE	Singer Sewing Centre., 5 Whistler St., Manly. 2095	76698	1975	Premise Match	141m	South
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Venus & Milo, 10 Belgrave St., Manly. 2095	6075	1975	Premise Match	141m	South
	SOLICITORS.	Yeluham, J. H. & Brain., 10 Belgrave St., Manly. 2095	78845	1975	Premise Match	141m	South
	DENTISTS (D140)	Hagan, Noel M., 10 Belgrave St., Manly	288639	1970	Premise Match	141m	South
	JEWELLERS/WATCHMAKERS-RETAIL(J060)	Koopman, J. & L., 10 Belgrave St., Manly	321150	1970	Premise Match	141m	South

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
69	RESTAURANTS (R320)	Manly Chinese Restaurant, 11 Belgrave St., Manly	357123	1970	Premise Match	141m	South
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS (B260)	Venus De Milo., 10 Belgrave St., Manly.	266742	1970	Premise Match	141m	South
	SOLICITORS	Arnott, K. Helms, 10 Belgrave St., Manly	145464	1965	Premise Match	141m	South
	Libraries - Lending	Manly Book Club (The), 10 Belgrave St., Manly	107738	1965	Premise Match	141m	South
	OPTOMETRISTS - REGISTERED	Ryrnan, Leslie A. W., 10 Belgrave St., Manly	130013	1965	Premise Match	141m	South
	Restaurants	Shangrl-La Restaurant (Licenced)., 11 Belgrave St., Manly	140608	1965	Premise Match	141m	South
	TAXATION CONSULTANTS/SPECIALISTS	Smith, Ivor & Co., 10 Belgrave St., Manly	150207	1965	Premise Match	141m	South
	ACCOUNTANTS & AUDITORS	Smith, Ivor & Co., 10 Belgrave St., Manly	44187	1965	Premise Match	141m	South
	Financiers/Finance Agents	Smith, Ivor & Co., 10 Belgrave St., Manly	86424	1965	Premise Match	141m	South
	SOLICITORS	Arnott, K. Helms, 10 Belgrave St., Manly	251125	1961	Premise Match	141m	South
	LIBRARIES—LENDING	Manly Book Club (The), 10 Belgrave St., Manly	331473	1961	Premise Match	141m	South
	HAIRDRESSERS (GENT.'S) /TOBACCONISTS	Moseley, C., 5 Whistler St., Manly	322338	1961	Premise Match	141m	South
	ACCOUNTANTS & AUDITORS	Smith, Ivor & Co., 10 Belgrave St., Manly	265731	1961	Premise Match	141m	South
70	Lighting Equipment Commercial &/or Domestic Mfrs &/or Imps &/or Dists	Simplex Lighting Pty. Ltd., 54B Pittwater Rd., Brookvale. 2100	50801	1991	Premise Match	143m	North
	MOTOR GAS (L.P.G.) MFRS. &/OR IMPS. &/OR DISTS	Caltex Service Station Brookvale, 46 Pittwater Rd., Brookvale. 2100	65769	1986	Premise Match	143m	North
	FLORISTS-RETAIL.	Champagne & Roses, 48 Pittwater Rd., Manly. 2095	33692	1986	Premise Match	143m	North
	GIFT SHOPS.	Champagne & Roses, 48 Pittwater Rd., Manly. 2095	38923	1986	Premise Match	143m	North
	LAUNDRIES &/OR LAUNDRETTES.	Manly Laundry Service, 56 Pittwater Rd., Manly. 2095	51199	1986	Premise Match	143m	North
	PROPERTY MANAGEMENT. (P9060)	Balken Realty Pty, Ltd., 46 Pittwater Rd., Manly. 2095.	67160	1982	Premise Match	143m	North
	REAL ESTATE AGENTS. (R2555)	Balken Realty Pty. Ltd., 46 Pittwater Rd., Manly. 2095.	68628	1982	Premise Match	143m	North
	LAUNDRIES &/OR LAUNDRETTES.(L1850)	Manly Laundry Service, 56 Pittwater Rd., Manly. 2095.	44836	1982	Premise Match	143m	North
	UPHOLSTERERS. (U0450)	Peninsula Upholsters, 50 Pittwater Rd., Manly. 2095.	82893	1982	Premise Match	143m	North
	PROPERTY MANAGEMENT.	Balken Realty Pty. Ltd., 46 Pittwater Rd., Manly. 2095	60049	1978	Premise Match	143m	North
	REAL ESTATE AGENTS &/OR VALUERS.	Balken Realty Pty. Ltd., 46 Pittwater Rd., Manly. 2095	61373	1978	Premise Match	143m	North
	LAUNDRIES &/OR LAUNDRETTES.	Manly Laundry Service, 56 Pittwater Rd., Manly. 2095	39807	1978	Premise Match	143m	North
	UPHOLSTERERS.	Peninsula Upholstery, 50 Pittwater Rd., Manly. 2095	73136	1978	Premise Match	143m	North
	PROPERTY MANAGEMENT.	Balken Realty Pty. Ltd., 46 Pittwater Rd., Manly. 2095	70534	1975	Premise Match	143m	North
	REAL ESTATE AGENTS &/OR VALUERS.	Balken Realty Pty. Ltd., 46 Pittwater Rd., Manly. 2095	71999	1975	Premise Match	143m	North
	LAUNDRIES &/OR LAUNDRETTES.	Frigidaire Laundry., 54 Pittwater Rd., Manly. 2095	46941	1975	Premise Match	143m	North
	UPHOLSTERERS.	Peninsula Upholstery, 50 Pittwater Rd., Manly. 2095	85808	1975	Premise Match	143m	North
	BUSINESS AGENTS &/OR BROKERS(B852)	Colechin & Leonard Pty. Ltd., 46 Pittwater Rd., Manly	272655	1970	Premise Match	143m	North
	BUSINESS AGENTS &/OR BROKERS(B852)	Conform Real Estate Pty. Ltd., 46 Pittwater Rd., Manly	272659	1970	Premise Match	143m	North

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
70	REAL ESTATE AGENTS/VALUERS(R205)	Conform Real Estate Pty. Ltd., 46 Pittwater Rd., Manly.2095	355151	1970	Premise Match	143m	North
	LAUNDRIES &/OR LAUNDRETTES(L250)	Frigidaire Laundry., 54-56 Pittwater Rd., Manly	322588	1970	Premise Match	143m	North
	Insurance Agents	Coiechin (& Leonard) Pty. Ltd., 46 Pittwater Rd., Manly	104174	1965	Premise Match	143m	North
	Business Agents &/or Brokers	Colechin & Leonard Pty. Ltd., 46 Pittwater Rd., Manly	57444	1965	Premise Match	143m	North
	Real Estate Agents/Valuers	Colethin & Leonard Pty. Ltd., 46 Pittwater Rd. Manly	139378	1965	Premise Match	143m	North
	Second - Hand Dealers	Manly St. Vincent De Paul Society Stores (Clothing)., 50 Pittwater Rd., Manly	143513	1965	Premise Match	143m	North
	Cycle Dealers & Accessories	Manly Warringah Motor Cycles, 48 Pittwater Rd., Manly	71543	1965	Premise Match	143m	North
	INTERIOR DECORATORS	Decorator Studios, 50 Pittwater Rd., Manly	328558	1961	Premise Match	143m	North
	REAL ESTATE AGENTS/VALUERS	Harris, R. V. & J., 46 Pittwater Rd. MANLY	244714	1961	Premise Match	143m	North
	CYCLE DEALERS & ACCESSORIES	Manly Speedwell, 48 Pittwater Rd., Manly	294250	1961	Premise Match	143m	North
	CYCLE DEALERS & ACCESSORIES	Manly Warringah Motor Cycles, 48 Pittwater Rd., Manly	294252	1961	Premise Match	143m	North
	MOTOR CYCLE SALES/SERVICE	Manly Warringah Motor Cycles, 48 Pittwater Rd., Manly	345808	1961	Premise Match	143m	North
	MOTOR CYCLE ACCESSORIES/SPARE PARTS DEALERS	Manly-Warringah Motor Cycles, 48 Pittwater Rd., Manly	345716	1961	Premise Match	143m	North
	HAIRDRESSERS (GENT.'S) &/OR TOBACCONISTS	McKenzie, R., 50 Pittwater Rd., Manly	59783	1950	Premise Match	143m	North
	BUTCHERS-RETAIL	Seymour, R. S., 46 Pittwater Rd., Manly	14294	1950	Premise Match	143m	North
71	ANTIQUE DEALERS.	Antiques & Old Ware, 32 Sydney Rd., Manly. 2095	3147	1986	Road Intersection	143m	South East
	STATIONERS - RETAIL.	Penfold, W. C., 32 Sydney Rd., Manly. 2095	88519	1986	Road Intersection	143m	South East
	TRAVEL AGENCIES &/OR BOOKING OFFICES.	World Travel Head Quarters, 32 Sydney Rd., Manly. 2095	95781	1986	Road Intersection	143m	South East
	BILLIARD TABLES & ACCESSORIES MFRS. &/OR DISTS. &/OR REPAIRERS. (B2446)	All States Billiard Co., 32 Sydney Rd., Manly. 2095.	6859	1982	Road Intersection	143m	South East
	ANTIQUE DEALERS. (A6240)	Antiques & Old Ware, 32 Sydney Rd., Manly. 2095.	2856	1982	Road Intersection	143m	South East
	BILLIARD TABLES & ACCESSORIES MFRS. DISTS. &/OR REPAIRERS.	All States Billiard Co., 32 Sydney Rd., Manly. 2095	5849	1978	Road Intersection	143m	South East
	CAKE SHOPS & PASTRYCOOKS (C045)	Thomas' Cakes, 32 Sydney Rd., Manly	276936	1970	Road Intersection	143m	South East
	Cake Shops & Pastrycooks	Thomas' Cakes., 32 Sydney Rd., Manly	61632	1965	Road Intersection	143m	South East
	MILLINERY—RETAIL	French, May, 32 Sydney Rd., Manly	340053	1961	Road Intersection	143m	South East
72	PLUMBERS, GASFITTERS &/OR DRAINLAYERS. (P6680)	Walter, J. L., 20 Denison St., Manly. 2095.	65265	1982	Premise Match	143m	North
	PLUMBERS, GASFITTERS &/OR DRAINLAYERS.	Walter, J. L., 20 Denison St., Manly. 2095	58258	1978	Premise Match	143m	North
	PLUMBERS, GASFITTERS &/OR DRAINLAYERS.	Walter. J. L., 20 Denison St., Manly. 2095	68611	1975	Premise Match	143m	North
	PLUMBERS,GASFITTERS/DRAINLAYERS(P608)	Walter, J. L., 20 Denison St., MANLY	350830	1970	Premise Match	143m	North
	Plumbers, Gasfitters/Drainlayers	Walter, J. L., 20 Denison St., Manly	134713	1965	Premise Match	143m	North
73	BUTCHERS-RETAIL (B860)	Riverina Meat Co (Manly)., 19 Sydney Rd., Manly	274430	1970	Premise Match	144m	South East
	Butchers - Retail	Shaw, Henry Meat Co., 19 Sydney Rd., Manly	59273	1965	Premise Match	144m	South East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
73	BUTCHERS-RETAIL	Shaw, Henry Meat Co., 19 Sydney Rd., Manly	281156	1961	Premise Match	144m	South East
74	MEDICAL PRACTITIONERS.	Carter, L., 8 West Promenade, Manly. 2095	54021	1986	Premise Match	148m	South West
	MEDICAL PRACTITIONERS.	Cottam, I. E., 8 West Promenade, Manly. 2095	54318	1986	Premise Match	148m	South West
	MEDICAL PRACTITIONERS.	Hayes, R. A., 8 West Promenade, Manly. 2095	55318	1986	Premise Match	148m	South West
	MEDICAL PRACTITIONERS.	Morris, M., 8 West Promenade, Manly. 2095	56579	1986	Premise Match	148m	South West
	MEDICAL PRACTITIONERS.	Ringrose, N. H., 8 West Promenade, Manly. 2095	57215	1986	Premise Match	148m	South West
	MEDICAL PRACTITIONERS.	Scarlett, G. A., 8 West Promenade, Manly. 2095	57419	1986	Premise Match	148m	South West
	MEDICAL PRACTITIONERS.	Stanley, M., 8 West Promenade, Manly. 2095	57709	1986	Premise Match	148m	South West
	MEDICAL PRACTITIONERS. (M2020)	Kaines, M. H., 8 West Promenade, Manly. 2095.	48768	1982	Premise Match	148m	South West
	MEDICAL PRACTITIONERS. (M2020)	Morris, M., 8 West Promenade, Manly. 2095.	49484	1982	Premise Match	148m	South West
	MEDICAL PRACTITIONERS. (M2020)	Ringrose, N. H., 8 West Promenade, Manly. 2095.	49993	1982	Premise Match	148m	South West
	MEDICAL PRACTITIONERS. (M2020)	Scarlett, G. A., 8 West Promenade, Manly. 2095.	50162	1982	Premise Match	148m	South West
	MEDICAL PRACTITIONERS. (M2020)	Stanley, M., 8 West Promenade, Manly. 2095.	50408	1982	Premise Match	148m	South West
75	ANTIQUE DEALERS. (A6240)	Sentimental Journey, 35 Pittwater Rd., Manly. 2095.	3000	1982	Premise Match	148m	North
	ANTIQUE DEALERS (A400)	Bric-A-Brac, 35 Pittwater Rd, Manly	261713	1970	Premise Match	148m	North
	GROCERS-RETAIL	Stokes, R. H., 35 Pittwater Rd., Manly	321280	1961	Premise Match	148m	North

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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
76	DENTISTS.	Canning, M., 18 Belgrave St., Manly. 2095	22366	1986	Road Match	0m
	ACCOUNTANTS & AUDITORS.	Castle, K. M. & Associates, 18 Belgrave St., Manly. 2095	268	1986	Road Match	0m
	DENTISTS.	Marel, A. C., 18 Belgrave St., Manly. 2095	22996	1986	Road Match	0m
	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Sider, J., 45 Belgrave St., Manly. 2095	59376	1986	Road Match	0m
	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS, (M3180)	Sider, J., 45 Belgrave St., Manly. 2095.	52457	1982	Road Match	0m
	FRUITERERS &/OR GREENGROCERS.	Papallo, M., 44 Belgrave St., Manly. 2095	30713	1978	Road Match	0m
	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Sider, J., 45 Belgrave St., Manly. 2095	46166	1978	Road Match	0m
	HOTELS-LICENCED	Hotel Manly., Belgrave St., Manly. 2095	42937	1975	Road Match	0m
	FRUITERERS &/OR GREENGROCERS.	Papallo Bros., 44 Belgrave St., Manly. 2095.	35654	1975	Road Match	0m
	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Raglan Corner Milk Bar., 45 Belgrave St., Manly. 2095	53771	1975	Road Match	0m
	CLUBS & SPORTING BODIES (C487)	Manly Lawn Tennis Club., Belgrave St., Manly	284403	1970	Road Match	0m
	LOCAL BODIES (L630)	Manly Municipal Council, Belgrave St., Manly	323769	1970	Road Match	0m
	MILK, FRUIT JUICE BARS/CONFECTIONERS	Raglan Corner Milk Bar., 45 Belgrave St., Manly	331118	1970	Road Match	0m
	FRUITERERS/GREENGROCERS (F640)	Rapallo Bros., 44 Belgrave St., Manly	307806	1970	Road Match	0m
	Clubs & Sporting Bodies	Manly Lawn Tennis Club, Belgrave St., Manly	69074	1965	Road Match	0m
	Local Bodies	Manly Municipal Council, Belgrave St., Manly	108332	1965	Road Match	0m
	Milk, Fruit Juice Bars/Confectioners	Raglan Corner Milk Bar, 45 Belgrave St., Manly	115511	1965	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Chidgey, C., 21 Belgrave St. MANLY	346878	1961	Road Match	0m
	HAIRDRESSERS (GENT.'S) /TOBACCONISTS	Grosvenor, C., 5 Manly Hotel Bldg., Belgrave St., Manly	322094	1961	Road Match	0m
	FRUITERERS/GREENGROCERS	Oval Fruit Mart, 44 Belgrave St., Manly	315936	1961	Road Match	0m
	JEWELLERS/WATCHMAKERS —RETAIL	Pickup, R., 4 Hotel Manly Bldg., Belgrave St., Manly	329324	1961	Road Match	0m
	TRAVEL AGENCIES/BOOKING OFFICES	Pickup, Raymond, 4 Hotel Manly Bldg., Belgrave St., Manly	259488	1961	Road Match	0m
	MIXED BUSINESS	Sida, Z., 45 Belgrave St., Manly	342376	1961	Road Match	0m
	ANTIQUE DEALERS	Allan's, 46 Belgrave St., Manly	1813	1950	Road Match	0m
	ACCOUNTANTS & AUDITORS	Aston L. Wilde and Co., 64 Belgrave St., Manly	103	1950	Road Match	0m
	REAL ESTATE AGENTS	Aston, L. Wilde and Co., 64 Belgrave St., Manly	97922	1950	Road Match	0m
	FRUITERERS & GREENGROCERS	Ball, G., 96 Belgrave St., Manly	49529	1950	Road Match	0m
	GROCERS-RETAIL	Ball, G., 96 Belgrave St., Manly	56359	1950	Road Match	0m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
76	FRUITERERS & GREENGROCERS	Belgrave Fruit Mart, 58 Belgrave St., Manly	49567	1950	Road Match	0m
	DELICATESSENS & SMALLGOODS DEALERS	Best and Gee Pty. Ltd., 36a Belgrave St., Manly	55367	1950	Road Match	0m
	CAKE SHOPS & PASTRYCOOKS	Blue Wren (The), 40c Belgrave St., Manly	16461	1950	Road Match	0m
	FRUITERERS & GREENGROCERS	Borzi, F. O. and V., 46 Belgrave St., Manly	49622	1950	Road Match	0m
	CHINA, CROCKERY, GLASSWARE, CRYSTAL, EARTHENWARE & CUTLERY DEALERS	Bower and Campbell, 18 Belgrave St., Manly	22318	1950	Road Match	0m
	REAL ESTATE AGENTS	Brown, Harold and Co., Chancery Chamb., 18 Belgrave St., Manly	98012	1950	Road Match	0m
	CARRIERS & CARTAGE CONTRACTORS	Bryan and Fischer, 19 Belgrave St., Manly	18493	1950	Road Match	0m
	GROCERS-RETAIL	Burgess, N. F., 48 Belgrave St., Manly	56608	1950	Road Match	0m
	MILK BARS & CONFECTIONERS	Burgess, N. F., 48 Belgrave St., Manly	76422	1950	Road Match	0m
	MIXED BUSINESSES & GENERAL STORES	Burgess, N. F., 48 Belgrave St., Manly	79495	1950	Road Match	0m
	ELECTRICAL CONTRACTORS &/OR ELECTRICIANS	Caldecott, H. W. S. and Co., 40d Belgrave St., Manly	37424	1950	Road Match	0m
	ELECTRICAL SUPPLIES & APPLIANCES RETAILERS	Caldecott, H. W. S. and Co., 40d Belgrave St., Manly	38419	1950	Road Match	0m
	RADIO SALES &/OR SERVICEMEN	Caldecott, H. W. S. and Co., 40d Belgrave St., Manly	97030	1950	Road Match	0m
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	Chancery Salon, 18 Belgrave St., Manly	6969	1950	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS	Chldgey, C., 21 Belgrave St., Manly	83586	1950	Road Match	0m
	PHOTOGRAPERS-COMMERCIAL	Colray Snaps, 6 Manly Hotel Bldg., Belgrave St., Manly	91583	1950	Road Match	0m
	BANKS	Commercial Bank of Australia Ltd, 22 Belgrave St., Manly	5757	1950	Road Match	0m
	HAIRDRESSERS (GENT.'S) &/OR TOBACCONISTS	Cooke, Wal, 62 Belgrave St., Manly	59322	1950	Road Match	0m
	REAL ESTATE AGENTS	Cooks Estate Agency, 7 Hotel Manly Bldg., Belgrave St., Manly	98107	1950	Road Match	0m
	LAWN MOWER SALES & SERVICE	Cox, S. M., 64 Belgrave St., Manly	67800	1950	Road Match	0m
	CAKE SHOPS & PASTRYCOOKS	Davis Home Made Cakes, 26 Belgrave St., Manly	16610	1950	Road Match	0m
	CHINA, CROCKERY, GLASSWARE, CRYSTAL, EARTHENWARE & CUTLERY DEALERS	Dower and Campbell, 18 Belgrave St., Manly	22351	1950	Road Match	0m
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	Du Pond De Paris Beauty Shoppe, 36c Belgrave St., Manly	7078	1950	Road Match	0m
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	du Pond de Paris, 36b Belgrave St., Manly	7079	1950	Road Match	0m
	ACCOUNTANTS & AUDITORS	Eagar, F. W. A. and Co., 18 Belgrave St., Manly	267	1950	Road Match	0m
	ELECTRIC ELEMENT MFRS. &/OR DISTRIBUTORS	Electric Element Co., 59 Belgrave St., Manly	36430	1950	Road Match	0m
	LAWN MOWER SALES & SERVICE	Electric Grinding Works (The) 64g Belgrave St., Manly	67805	1950	Road Match	0m
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	Ezzey, M., 12 Belgrave St., Manly	7125	1950	Road Match	0m
	TOBACCONISTS-RETAIL	Fisher, D., 36c Belgrave St., Manly	108674	1950	Road Match	0m
	BUTCHERS-RETAIL	Foder, J. W., 1a Belgrave St., Manly	13484	1950	Road Match	0m
	DRESSMAKERS & COSTUMIERS	Francis, G. M., 36b Belgrave St., Manly	34485	1950	Road Match	0m
	CARRIERS & CARTAGE CONTRACTORS	General Carriers, 19 Belgrave St., Manly	18879	1950	Road Match	0m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
76	ELECTRICAL SUPPLIES & APPLIANCES RETAILERS	Gormlys Radio, 18 Belgrave St., Manly	38557	1950	Road Match	0m
	RADIO SALES &/OR SERVICEMEN	Gormlys Radio, 18 Belgrave St., Manly	97243	1950	Road Match	0m
	REFRIGERATOR SALES &/OR SERVICE	Gormlys Radio, 18 Belgrave St., Manly	99232	1950	Road Match	0m
	WASHING MACHINE SALES & SERVICE	Gormlys Radio, 18 Belgrave St., Manly	112371	1950	Road Match	0m
	MOTOR CYCLE ACCESSORIES & SPARE PARTS DEALERS	Grand Prix Motor Cycle Co., 21 Belgrave St., Manly	82839	1950	Road Match	0m
	FURNITURE-HOUSEHOLD-RETAILERS	Gray, R. E. A., 5 Belgrave St., Manly	53506	1950	Road Match	0m
	FURNITURE-HOUSEHOLD-RETAILERS	Grays, 5 Belgrave St., Manly	53507	1950	Road Match	0m
	CAKE SHOPS & PASTRYCOOKS	Grey, R., 3 Belgrave St., Manly	16736	1950	Road Match	0m
	FRUITERERS & GREENGROCERS	Grey, R., 3 Belgrave St., Manly	50230	1950	Road Match	0m
	GROCERS-RETAIL	Grey, R., 3 Belgrave St., Manly	57621	1950	Road Match	0m
	HAIRDRESSERS (GENT.'S) &/OR TOBACCONISTS	Grosvenor, C., 5 Manly Hotel Bldg., Belgrave St., Manly	59513	1950	Road Match	0m
	DELICATESSENS & SMALLGOODS DEALERS	Haines, Wm. R., 36a Belgrave St., Manly	30576	1950	Road Match	0m
	BUTCHERS-RETAIL	Hayes, Ron., 62 Belgrave St., Manly	13665	1950	Road Match	0m
	DENTISTS	Heaphy, G. A. L., 18 Belgrave St., Manly	31969	1950	Road Match	0m
	RADIO SALES &/OR SERVICEMEN	Hermes, A. L., 50b Belgrave St., Manly	97286	1950	Road Match	0m
	FOOTWEAR-RETAILERS	Horsnell, A. K., 50e Belgrave St., Manly	47330	1950	Road Match	0m
	EMPLOYMENT AGENCIES	Hughes, H. M., Belgrave St., Manly	39533	1950	Road Match	0m
	REAL ESTATE AGENTS	Hughes, H. M., Belgrave St., Manly	98405	1950	Road Match	0m
	CARRIERS & CARTAGE CONTRACTORS (MASTER)	Inder, G. F. and Co., 59 Belgrave St., Manly	20219	1950	Road Match	0m
	MOTOR PAINTERS	Inder, G. F., 55 Belgrave St., Manly	84865	1950	Road Match	0m
	MOTOR PANEL BEATERS	Inder, G. F., 55 Belgrave St., Manly	85324	1950	Road Match	0m
	MOTOR TRIMMERS	Inder, G. F., 55 Belgrave St., Manly	87054	1950	Road Match	0m
	TAILORS-LADIES &/OR GENT.'S	Jackson, Alex, 60 Belgrave St., Manly	106446	1950	Road Match	0m
	BOOT & SHOE REPAIRERS	Johnston, P., 28 Belgrave St., Manly	10316	1950	Road Match	0m
	BUTCHERS-RETAIL	Jones, J. H., 30a Belgrave St., Manly	13782	1950	Road Match	0m
	AUCTIONEERS-GENERAL	Jones, J. T., 30 Belgrave St., Manly	4098	1950	Road Match	0m
	CLOTHING MFRS. &/OR WHOLESALERS-BABIES & CHILDREN'S	Jones, M. J. and Son, 64 Belgrave St., Manly	24531	1950	Road Match	0m
	PHYSIOTHERAPISTS	Jones, M. L., 5 Belgrave Flats, 26 Belgrave St., Manly	92296	1950	Road Match	0m
	PHOTOGRAPHERS-PORTRAIT	Joyce, J. S., 21 Belgrave St., Manly	91886	1950	Road Match	0m
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	Keegan, Miss Z., 26 Belgrave St., Manly	7371	1950	Road Match	0m
	FRUITERERS & GREENGROCERS	Kirk, M. R., 3 Belgrave St., Manly	50445	1950	Road Match	0m
	KITCHENWARE RETAILERS	Kitchen Store (The), 18 Belgrave St., Manly	67021	1950	Road Match	0m
	GIFT SHOPS	Kitchen Store (The)., 18 Belgrave St., Manly	54390	1950	Road Match	0m
	HARDWARE DEALERS &/OR IRONMONGERS	Kitchen Store, 18 Belgrave St., Manly	61163	1950	Road Match	0m

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76	WINE SALOONS	Lau, 5, 9 Belgrave St., Manly	113768	1950	Road Match	0m
	BOOT & SHOE REPAIRERS	Lester, G., 59b Belgrave St., Manly	10376	1950	Road Match	0m
	FISHING TACKLE MFRS. &/OR DEALERS	Lim, S., 36c Belgrave St., Manly	44770	1950	Road Match	0m
	HARDWARE DEALERS &/OR IRONMONGERS	Lims, 36c Belgrave St., Manly	61192	1950	Road Match	0m
	MOTOR ACCESSORIES-DEALER	Lims, 36c Belgrave St., Manly	81672	1950	Road Match	0m
	JEWELLERS-RETAIL &/OR WATCHMAKERS	Longmulr, Colin, 30 Belgrave St., Manly	66232	1950	Road Match	0m
	AUCTIONEERS-GENERAL	Manly Auction Rooms, 50 Belgrave St., Manly	4113	1950	Road Match	0m
	FURNITURE DEALERS-SECONDHAND	Manly Auction Rooms, 50 Belgrave St., Manly	52557	1950	Road Match	0m
	CLUBS & SPORTS BODIES	Manly Diggers Club, 25 Belgrave St., Manly	25368	1950	Road Match	0m
	DRIVE YOURSELF CAR SERVICES	Manly Drive Yourself Service, 18 Belgrave St., Manly	34962	1950	Road Match	0m
	GIFT SHOPS	Manly Electric and Radio Co., 6 Hotel Manly Bldg., Belgrave St., Manly	54408	1950	Road Match	0m
	TOY DEALERS-RETAIL	Manly Electric Radio Co., 6 Manly Hotel Bldg., Belgrave St., Manly	109506	1950	Road Match	0m
	GLASS MERCHANTS	Manly Glass Co., 11 Belgrave St., Manly	54640	1950	Road Match	0m
	LAWN MOWER SALES & SERVICE	Manly Grindery (The), 11a Belgrave St., Manly	67825	1950	Road Match	0m
	PICTURE THEATRES-SUBURBAN	Manly New, 36 Belgrave St., Manly	92835	1950	Road Match	0m
	BUTCHERS-RETAIL	Manly Premier Meat Service, 30a Belgrave St., Manly	13899	1950	Road Match	0m
	BUSINESS AGENTS &/OR BROKERS	Manly Realty Co., 18 Belgrave St., Manly	12855	1950	Road Match	0m
	REAL ESTATE AGENTS	Manly Realty Co., Chancery Chamb., 18 Belgrave St., Manly	98523	1950	Road Match	0m
	SPORTS GOODS RETAILERS	Manly Sports Store, 24 Belgrave St., Manly	104486	1950	Road Match	0m
	HALLS	Manly Town Hall, Belgrave St., Manly	60376	1950	Road Match	0m
	SOLICITORS	Marks, H. A., 18 Belgrave St., Manly	103857	1950	Road Match	0m
	FURNITURE-HOUSEHOLD-RETAILERS	Mays Furniture (Manly) Pty. Ltd., 44 Belgrave St., Manly	53589	1950	Road Match	0m
	SOLICITORS	McCooe, B. J., 18 Belgrave St., Manly	103875	1950	Road Match	0m
	CAKE SHOPS & PASTRYCOOKS	McGivern, F. B., 26 Belgrave St., Manly	16956	1950	Road Match	0m
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	McGrath and Miles, 18 Belgrave St., Manly	7539	1950	Road Match	0m
	BUTCHERS-RETAIL	Montgomery Butchers, 44 Belgrave St., Manly	13983	1950	Road Match	0m
	MOTOR CYCLE ACCESSORIES & SPARE PARTS DEALERS	Newton, W., 64 Belgrave St., Manly	82855	1950	Road Match	0m
	MOTOR CYCLE SALES & SERVICE	Newton, W., 64 Belgrave St., Manly	82968	1950	Road Match	0m
	KNITTED GOODS &/OR KNITTING SUPPLIES RETAIL	Norris, Miss B. E., 50b Belgrave St., Manly	67163	1950	Road Match	0m
	BABY & CHILDREN'S WEAR-RETAIL	Northey, C. and I., 24a Belgrave St., Manly	4716	1950	Road Match	0m
	DRESSMAKERS & COSTUMIERS	Northey, C. and I., 24a Belgrave St., Manly	34677	1950	Road Match	0m
	SECONDHAND DEALERS	Oliver-Golvin, 62 Belgrave St., Manly	101262	1950	Road Match	0m
	CHEMISTS-PHARMACEUTICAL	Parle, W. L., 40 Belgrave St., Manly	21911	1950	Road Match	0m
	FURNITURE-HOUSEHOLD-RETAILERS	Parry, W. G., 44 Belgrave St., Manly	53641	1950	Road Match	0m

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76	FLATS, RESIDENTIALS, Etc.	People Palace, 53 Belgrave St., Manly	45349	1950	Road Match	0m
	HOTELS-PRIVATE	Peoples Palace, Belgrave St., Manly	63634	1950	Road Match	0m
	FROCK & COAT SALONS	Petah Page, 8 Manly Hotel Bldg., Belgrave St., Manly	48835	1950	Road Match	0m
	MILLINERY-RETAIL	Petah, Page, 8 Manly Hotel Bldg., Belgrave St., Manly	78911	1950	Road Match	0m
	DENTISTS	Pickburn, 18 Belgrave St., Manly	32211	1950	Road Match	0m
	GIFT SHOPS	Pickup, R., 2 Belgrave St., Manly	54448	1950	Road Match	0m
	JEWELLERS-RETAIL &/OR WATCHMAKERS	Pickup, R., 2 Belgrave St., Manly	66314	1950	Road Match	0m
	BABY & CHILDREN'S WEAR-RETAIL	Pit-a-Pat, 40b Belgrave St., Manly	4749	1950	Road Match	0m
	CLOTHING MANUFACTURERS &/OR WHOLESALERS-LADIES' DRESSES & GOWNS	Pit-A-Pat, 40b Belgrave St., Manly	23500	1950	Road Match	0m
	BABY & CHILDREN'S WEAR-RETAIL	Pixie Baby Wear, 50b Belgrave Rd., Manly	4753	1950	Road Match	0m
	ASSOCIATIONS & SOCIETIES	Port Jackson Co-op, Building Society, 18 Belgrave St., Manly	3789	1950	Road Match	0m
	KITCHENWARE RETAILERS	Power and Campbell, 18 Belgrave St., Manly	67052	1950	Road Match	0m
	GROCERS-WHOLESALE	Producers Co-op. Distributing Society Ltd. 64a Belgrave St., Manly	58897	1950	Road Match	0m
	DAIRY PRODUCE MERCHANTS	Producers Co-op. Distributing Socy. Ltd., 64a Belgrave St., Manly	30165	1950	Road Match	0m
	PRODUCE MERCHANTS-WHOLESALE	Producers Co-operative Distributing Society Ltd., 64 Belgrave St., Manly	95869	1950	Road Match	0m
	ASSOCIATIONS & SOCIETIES	Producers Co-operative Dstributing Society Ltd., 64 Belgrave St., Manly	3800	1950	Road Match	0m
	DRIVE YOURSELF CAR SERVICES	Progressive Drive Yourself, 18 Belgrave St., Manly	34973	1950	Road Match	0m
	HIRE CAR SERVICES	Progressive Drive Yourself, 18 Belgrave St., Manly	62283	1950	Road Match	0m
	DENTISTS	Rock, G. W., 73a Belgrave St., Manly	32255	1950	Road Match	0m
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	Rosita Beauty Salon, 40a Belgrave St., Manly	7747	1950	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS	Royal Garage, 23 Belgrave St., Manly	84327	1950	Road Match	0m
	MOTOR SERVICE STATIONS-PETROL, Etc.	Royal Garage, 23 Belgrave St., Manly	86365	1950	Road Match	0m
	HALLS	Salvation Army Hall 51 Belgrave St., Manly	60418	1950	Road Match	0m
	FRUITERERS & GREENGROCERS	Serve-Well (The), 22 Belgrave St., Manly	51177	1950	Road Match	0m
	GROCERS-RETAIL	Shepard, 50c Belgrave St., Manly	55661	1950	Road Match	0m
	MILLINERY-RETAIL	Silcock, Miss, Belgrave St., Manly	78947	1950	Road Match	0m
	BAKERS-BREAD	Sloans Bakery, 1c Belgrave St., Manly	5479	1950	Road Match	0m
	BOOT & SHOE REPAIRERS	Smith, H. H., 7 Belgrave St., Manly	10645	1950	Road Match	0m
	MIXED BUSINESSES & GENERAL STORES	Smith, H., 7 Belgrave St., Manly	81014	1950	Road Match	0m
	DRESSMAKERS & COSTUMIERS	Starr, R., 26 Belgrave St., Manly	34781	1950	Road Match	0m
	FURNITURE-HOUSEHOLD-RETAILERS	Steer, W. M., 47 Belgrave St., Manly	53697	1950	Road Match	0m
	FURNITURE DEALERS-SECONDHAND	Steer, W. M., 49 Belgrave St., Manly	52582	1950	Road Match	0m
	CHIROPODISTS	Stewart, W., 18 Belgrave St., Manly	22722	1950	Road Match	0m
	GROCERS-RETAIL	Stoks, R. H., 23 Belgrave St., Manly	55785	1950	Road Match	0m

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76	FRUITERERS & GREENGROCERS	Strada, G., 22 Belgrave St., Manly	51297	1950	Road Match	0m
	HAIRDRESSERS (GENT.'S) &/OR TOBACCONISTS	Sullivan, H., 24 Belgrave St., Manly	60062	1950	Road Match	0m
	BUILDERS' SUPPLIERS	Sydney and North Sydney Lime Burners Pty. Ltd., 45 Belgrave St., Manly	11910	1950	Road Match	0m
	LIME & CEMENT MERCHANTS	Sydney and North Sydney Lime Burners Pty. Ltd., 45 Belgrave St., Manly	69082	1950	Road Match	0m
	ANTIQUE DEALERS	Tee Jays, 50 Belgrave St., Manly	1888	1950	Road Match	0m
	NEWSAGENTS	Trinlk, Belgrave St., Manly	88397	1950	Road Match	0m
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	Venice Beauty Salon, 56 Belgrave St., Manly	7904	1950	Road Match	0m
	DRY CLEANERS, PRESSERS & DYERS	Village Dry Cleaners, 50 Belgrave St., Manly	35814	1950	Road Match	0m
	GIFT SHOPS	Village Gift Shop (The), 4 Hotel Manly Bldg., Belgrave St., Manly	54504	1950	Road Match	0m
	JEWELLERS-IMITATION-RETAIL	Village Gift Shop, 4 Hotel Manly Bldg., Belgrave St., Manly	65701	1950	Road Match	0m
	CARRIERS & CARTAGE CONTRACTORS	Village Taxi Trucks, 3 Belgrave St., Manly	19982	1950	Road Match	0m
	TAXI TRUCK OPERATORS	Village Taxi Trucks, 3 Belgrave St., Manly	107242	1950	Road Match	0m
	BUTCHERS-RETAIL	Westbury Food Co., 62 Belgrave St., Manly	14502	1950	Road Match	0m
	FLORISTS-RETAIL	Whiteway Florist, 50a Belgrave St., Manly	46247	1950	Road Match	0m
	FUNERAL DIRECTORS	Wood Coffill Ltd. Belgrave St., Manly	52064	1950	Road Match	0m
	MOTOR SPARE PARTS DEALERS-RETAIL	Zimmerman, W. V., 36 Belgrave St., Manly	86848	1950	Road Match	0m
	MOTOR ACCESSORIES-DEALER	Zimmerman, W. V., 36d Belgrave St., Manly	81856	1950	Road Match	0m
	HARDWARE DEALERS &/OR IRONMONGERS	Zims, 36 Belgrave St., Manly	61507	1950	Road Match	0m
77	FURNITURE &/OR FURNISHINGS-RETAIL.	Christophers Furniture, 36 Whistler St., Manly 2095	37116	1986	Road Match	0m
	AUCTIONEERS-GENERAL. (A8310)	Manly Furniture Auctions Pty. Ltd., 36 Whistler St., Manly. 2095.	3815	1982	Road Match	0m
	AUCTIONEERS-GENERAL.	Manly Furniture Auctions Pty. Ltd., Whistler St., Manly. 2095	3626	1978	Road Match	0m
	DRESS SHOPS & ACCESSORIES.	Caselli of Florence, Whistler St., Manly. 2095	23035	1975	Road Match	0m
	ACCOUNTANTS & AUDITORS.	Davies, R. & Associates, Whistler St., Manly. 2095	218	1975	Road Match	0m
	HAIRDRESSERS-GENTS.	Tony, The Continental Barber, 7a Whistler St., Manly. 2095	40942	1975	Road Match	0m
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Vollus, D., Whistler St., Manly. 2095	6104	1975	Road Match	0m
	ELECTRICAL SUPPLIES &/OR APPLIANCES-RETAIL	Woodwards Electrical Sales & Service, Whistler St., Manly. 2095.	26555	1975	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Coughlan, Chas. M., Whistler St. MANLY	346963	1961	Road Match	0m
	ACCOUNTANTS & AUDITORS	Knight, H. F. & Co., Whistler St., Manly	265266	1961	Road Match	0m
	CARRIERS & CARTAGE CONTRACTORS	Austin, I. H., Whistler St., Manly	18341	1950	Road Match	0m
	MOTOR ELECTRICIANS	Coughlan, Chas. M., Whistler St., Manly	83099	1950	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS	Coughlan, Chas. M., Whistler St., Manly	83633	1950	Road Match	0m
	MOTOR SERVICE STATIONS-PETROL, Etc.	Coughlan, Chas. M., Whistler St., Manly	85897	1950	Road Match	0m
	CLOTHING MFRS. &/OR WHOLESALERS-BABIES & CHILDREN'S	Grace and Reed Pty. Ltd., Whistler St., Manly	24514	1950	Road Match	0m
	PRINTERS-GENERAL	Judge, J., Whistler St., Manly	94972	1950	Road Match	0m

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77	FLOOR SANDING &/OR POLISHING CONTRACTORS	Lawler and Faulkner, Whistler St., Manly	45641	1950	Road Match	0m
	HALLS	Manly Masonic Hall, Whistler St., Manly	60375	1950	Road Match	0m
	DRY CLEANERS, PRESSERS & DYERS	Modern Way Laundrette, Whistler St., Manly	35535	1950	Road Match	0m
	LAUNDRIES	Modern Way Laundrette, Whistler St., Manly	67674	1950	Road Match	0m
	BAKERS-BREAD	Purves Model Bakery, Whistler St., Manly	5440	1950	Road Match	0m
	COLLEGES-COMMERCIAL	Williams Business College (The), Whistler St., Manly	25622	1950	Road Match	0m
	BUSINESS AGENTS &/OR BROKERS	Williams, Lloyd A. and Co., Whistler St., Manly	12983	1950	Road Match	0m
	REAL ESTATE AGENTS	Williams, Lloyd A. and Co., Whistler St., Manly	98979	1950	Road Match	0m
78	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	BP Pacific Service Station, Raglan St., Manly 2095.	56274	1982	Road Match	0m
	MOTOR CAR STEAM CLEANERS.(M5760)	BP Pacific Service Station, Raglan St., Manly. 2095.	54642	1982	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	BP Pacific Service Station, Raglan St., Manly. 2095	49592	1978	Road Match	0m
	MOTOR CAR STEAM CLEANERS.	BP Pacific Service Station. Raglan St., Manly. 2095	48130	1978	Road Match	0m
	MOTOR CAR STEAM CLEANERS.	BP Pacific Service Station., Raglan St., Manly. 2095	56980	1975	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	BP Pacific Service Station., Raglan St., Manly. 2095	58546	1975	Road Match	0m
	HAIRDRESSERS-GENTS.	Manly Continental Hair Stylist. 20 Raglan St., Manly. 2095	40702	1975	Road Match	0m
	AUCTIONEERS-GENERAL	Manly Furniture Auctions Pty. Ltd., Raglan St., Manly. 2095	3371	1975	Road Match	0m
	FURNITURE DEALERS-SECONDHAND	Scrubbed Furniture, Raglan St., Manly. 2095	36514	1975	Road Match	0m
	INSURANCE BROKERS (I520)	Chin, L. C. & H. Pty. Ltd., Raglan St., Manly	319988	1970	Road Match	0m
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS (B260)	Joyce, K., Raglan St., Manly	266092	1970	Road Match	0m
	FURNITURE DEALERS-SECOND-HAND(F720)	Scrubbed Furniture., Raglan St., Manly	308768	1970	Road Match	0m
	SPORTS GOODS RETAILERS (S443)	Surf 'N' Gear., Raglan St., Manly	363548	1970	Road Match	0m
	Real Estate Agents/Valuers	Engert, D. J. & Co., 32 Raglan St. Manly	139379	1965	Road Match	0m
	Auctioneers - Real Estate	Engert, D. J. & Co., 32 Raglan St., Manly	48506	1965	Road Match	0m
	Business Agents &/or Brokers	Engert, D. J. & Co., 32 Raglan St., Manly	57492	1965	Road Match	0m
	Insurance Agents	Engert, D. J. & Co., 32 Raglan St., Manly	104240	1965	Road Match	0m
	Pawnbrokers/Moneylenders	Manly Loan Office, 30-38 Raglan St., Manly	131974	1965	Road Match	0m
	Funeral Directors	Tighe, F. & Co. Pty. Ltd., Raglan St. Manly	92530	1965	Road Match	0m
	ACCOUNTANTS & AUDITORS	Branch, W. C. T., 32 Raglan St., Manly	264712	1961	Road Match	0m
	JOURNALISTS	Burgess, F. P., 19a Raglan St., Manly	330167	1961	Road Match	0m
	PAINTERS, PAPERHANGERS/DECORATORS	Collins, W., 30 Raglan St., Manly	355990	1961	Road Match	0m
	PAWNBROKERS/MONEYLENDERS	Drysdale, C., 30 Raglan St., Manly	357248	1961	Road Match	0m
	REAL ESTATE AGENTS/VALUERS	Engert, D. J. & Co., 32 Raglan St. MANLY	366036	1961	Road Match	0m
	BUSINESS AGENTS &/OR BROKERS	Engert, D. J. & Co., 32 Raglan St., Manly	279501	1961	Road Match	0m

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78	INSURANCE AGENTS	Engert, D. J. & Co., 32 Raglan St., Manly	327778	1961	Road Match	0m
	STOCK/STATION AGENTS	Engert, D. J. & Co., 32 Raglan St., Manly	254250	1961	Road Match	0m
	AUCTIONEERS-REAL ESTATE	Engert, O. J. & Co., 32 Raglan St., Manly	270140	1961	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Grimes Parking Stations Pty Ltd Raglan St., MANLY	347285	1961	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Grimes Parking Stations Pty. Ltd., Raglan St. MANLY	347287	1961	Road Match	0m
	BOOT & SHOE REPAIRERS	Hignett, W. A., 36 Raglan St., Manly	274852	1961	Road Match	0m
	TRAVEL GOODS RETAILERS	Hignett, W. A., 36 Raglan St., Manly	259619	1961	Road Match	0m
	PHOTOGRAPHERS—CANDID	Wills Snapshots, 40 Raglan St., Manly	357565	1961	Road Match	0m
	PHOTOGRAPHERS—COMMRCL.	Wills Snapshots, 40 Raglan St., Manly	357660	1961	Road Match	0m
	PICTURE FRAMERS &/OR DEALERS	Wills' Snapshots, 40 Raglan St., Manly	358320	1961	Road Match	0m
	RADIO SALES &/OR SERVICEMEN	Ardill, H. E., Room, 3, Whiteway Hse., Raglan St., Manly	96931	1950	Road Match	0m
	PLYWOOD-WATERPROOF-MANUFACTURERS	Bevelling De Luxe., Raglan St., Marys	93481	1950	Road Match	0m
	BUTTON HOLERS	Chisholm, Miss H., 7 Whiteway Hse., Raglan St., Manly	14755	1950	Road Match	0m
	BUTTON & BUCKLE COVERING SPECIALISTS	Chisholm, Miss H., No. 7 Whiteway Hse., Raglan St., Manly	14711	1950	Road Match	0m
	DRESSMAKERS & COSTUMIERS	Chisholm, Miss H., No. 7 Whiteway Hse., Raglan St., Manly	34403	1950	Road Match	0m
	PAWNBROKERS & MONEYLENDERS	Drysdale, C., 38 Raglan St., Manly	91391	1950	Road Match	0m
	REAL ESTATE AGENTS	Engert, D. J., 38 Raglan St., Manly	98213	1950	Road Match	0m
	GIFT SHOPS	Gift Shop (The), 38 Raglan St., Manly	54350	1950	Road Match	0m
	GIFT SHOPS	Gift Shoppe, 40 Raglan St., Manly	54352	1950	Road Match	0m
	BOOT & SHOE REPAIRERS	Hignett, W. A., 40 Raglan St., Manly	10265	1950	Road Match	0m
	HALLS	Manly War Memorial Hall, Raglan St., Manly	60377	1950	Road Match	0m
	MOTOR SERVICE STATIONS-PETROL, Etc.	Pacific Garage (The), Raglan St., Manly	86256	1950	Road Match	0m
	DRESSMAKERS & COSTUMIERS	Patricia Ann, Raglan St., Manly	34691	1950	Road Match	0m
	ELOCUTION TEACHERS	Robertson, Miss C. L., 15 Raglan St., Manly	39412	1950	Road Match	0m
	PHOTOGRAPHERS-PORTRAIT	Wills Snapshots (R. M. Brown), 40a Raglan St., Manly	92040	1950	Road Match	0m
	PHOTOGRAPHIC DEVELOPING, PRINTING & COLOURING SERVICES	Wills Snap-Shots, Room 2, Whiteway Hse., Raglan St., Manly	92104	1950	Road Match	0m
	PHOTOGRAPHERS-PORTRAIT	Wills, G., Rangland St., Manly	92041	1950	Road Match	0m
79	Builders Supplies	Hayman Ellis, 352 Pittwater Rd., Manly 2095	37151	1991	Road Match	35m
	MOTOR GARAGES & SERVICE STATIONS.	Caltex, (I & A. Gowci), 280 Pittwater Rd., Manly. 2095	64346	1986	Road Match	35m
	TOOL DEALERS - RETAIL. (T5350)	Hayman & Ellis Pty Ltd, 352 Pittwater Rd., Manly. 2095	80595	1982	Road Match	35m
	HARDWARE MERCHANTS - RETAIL (H2050)	Hayman & Ellis Pty, Ltd., 352 Pittwater Rd., Manly. 2095.	39133	1982	Road Match	35m
	BUILDERS SUPPLIERS. (B7060)	Hayman & Ellis Pty. Ltd., 352 Pittwater Rd., Manly. 2095.	9776	1982	Road Match	35m
	JOINERY MANUFACTURERS. (J1050)	Hayman & Ellis Pty. Ltd., 352 Pittwater Rd., Manly. 2095.	43961	1982	Road Match	35m
	LIME &/OR CEMENT MERCHANTS.(L4550)	Hayman & Ellis Pty. Ltd., 352 Pittwater Rd., Manly. 2095.	45372	1982	Road Match	35m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
79	PLYWOOD MFRS. &/OR MERCHANTS &/OR DISTS. (P6780)	Hayman & Ellis Pty. Ltd., 352 Pittwater Rd., Manly. 2095.	65445	1982	Road Match	35m
	HEALTH CENTRES &/OR CLINICS.(H2800)	Manly Baby Health Centre, Pittwater Rd., Manly. 2095.	39538	1982	Road Match	35m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	O'Bensaul, 280 Pittwater Rd., Manly. 2095.	57315	1982	Road Match	35m
	SAUNA BATHS. (S0840)	Viking Sauna of Australia Pty. Ltd., 352 Pittwater Rd., Manly. 2095.	73102	1982	Road Match	35m
	HEALTH CENTRES &/OR CLINICS.	Manly Baby Health Centre, Pittwater Rd. & Raglan St., Manly. 2095	35238	1978	Road Match	35m
	WOODWARE MFRS.	Hande Woodpecker Woodware (Aust.) Co., 352 Pittwater Rd., Manly. 2095	87691	1975	Road Match	35m
	BUILDERS SUPPLIERS.	Hayman & Ellis Pty. Ltd., 352 Pittwater Rd, Manly. 2095	9267	1975	Road Match	35m
	PLYWOOD MFRS &/OR MERCHANTS &/OR DISTS.	Hayman & Ellis Pty. Ltd., 352 Pittwater Rd, Manly. 2095	68794	1975	Road Match	35m
	HARDWARE DEALERS &/OR IRONMONGERS.	Hayman & Ellis Pty. Ltd., 352 Pittwater Rd., Manly. 2095	41264	1975	Road Match	35m
	JOINERY MFRS.	Hayman & Ellis Pty. Ltd., 352 Pittwater Rd., Manly. 2095	46256	1975	Road Match	35m
	LAWNMOWER SALES &/OR SERVICE	Hayman & Ellis Pty. Ltd., 352 Pittwater Rd., Manly. 2095	47118	1975	Road Match	35m
	LIME &/OR CEMENT MERCHANTS.	Hayman & Ellis Pty. Ltd., 352 Pittwater Rd., Manly. 2095	47594	1975	Road Match	35m
	TIMBER MERCHANTS.	Hayman & Ellis Pty. Ltd., 352 Pittwater Rd., Manly. 2095	83456	1975	Road Match	35m
	TOOL DEALERS., RETAIL.	Hayman & Ellis Pty. Ltd., 352 Pittwater Rd., Manly. 2095	83757	1975	Road Match	35m
	CLUBS & /OR SPORTING BODIES	Manly & District Tennis Association, Pittwater Rd., Manly. 2095	18085	1975	Road Match	35m
	HEALTH CENTRES & OR CLINICS	Manly Baby Health Centre, Pittwater Rd., Manly. 2095	41662	1975	Road Match	35m
	SAUNA BATHS.	Viking Sauna of Australia Pty. Ltd., 352 Pittwater Rd., Manly. 2095	75615	1975	Road Match	35m
	MOTOR GARAGES & ENGINEERS(M6S6)	Bensaul, O., 280 Pittwater Rd., Manly	337296	1970	Road Match	35m
	ARCHITECTS (A440)	Farley, W.R., Pittwater Rd., Manly	261965	1970	Road Match	35m
	CABINETMAKERS (C006)	Gardo, J., 278 Pittwater Rd., Manly	275134	1970	Road Match	35m
	FRENCH POLISHERS (F597)	Gardo, J., 278 Pittwater Rd., Manly	306255	1970	Road Match	35m
	CLUBS & SPORTING BODIES (C487)	Manly & District Tennis Association., Pittwater Rd., Manly	284395	1970	Road Match	35m
	Motor Spare Parts Dealers - Retail	Golden Fleece Service Station, 280 Pittwater Rd., Manly	126455	1965	Road Match	35m
	Motor Garages & Engineers	Golden Fleece Service Station., 280 Pittwater Rd., Manly	122959	1965	Road Match	35m
	Motor Painters	Hargrave & Walsh, 278 Pittwater Rd., Manly	123946	1965	Road Match	35m
	Motor Panel Beaters	Hargrave & Walsh, 278 Pittwater Rd., Manly	124696	1965	Road Match	35m
	Hardware Dealers &/or Iron Mongers	Hayman & Ellis Pty. Ltd., 352 Pittwater Rd. Manly	99311	1965	Road Match	35m
	Furniture - Household - Retailers	Matco Wood Products, 278a Pittwater Rd., Manly	93577	1965	Road Match	35m
	MOTOR PAINTERS	Bennett's Garage, 278 Pittwater Rd., Manly	348658	1961	Road Match	35m
	MOTOR PANEL BEATERS	Bennett's Garage, 278 Pittwater Rd., Manly	349388	1961	Road Match	35m
	MOTOR CAR/TRUCK DEALERS—NEW/USED	Car-A-Sell Motor, Pittwater Rd., Manly	344930	1961	Road Match	35m
	HARDWARE DEALERS/IRONMONGERS	Hayman & Ellis Pty Ltd 352 Pittwater Rd., Manly	323342	1961	Road Match	35m
	HARDWARE DEALERS/IRONMONGERS	Hayman & Ellis Pty. Ltd., 352 Pittwater Rd. NORTH MANLY	323413	1961	Road Match	35m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
79	FURNITURE-HOUSEHOLD-RETAILERS	Mateo Wood Products, 278a Pittwater Rd., Manly	317823	1961	Road Match	35m
	MOTOR GARAGES & ENGINEERS	Parkway Service Station (Manly), 280 Pittwater Rd. MANLY	347860	1961	Road Match	35m
	INSURANCE AGENTS	Parkway Service Station, 280 Pittwater Rd., Manly	327956	1961	Road Match	35m
	MOTOR SPARE PARTS DEALERS—RETAIL	Parkway Service Station, 280 Pittwater Rd., Manly	351671	1961	Road Match	35m
	MOTOR ACCESSORIES/DEALERS	Service Station, 280 Pittwater Rd., Manly	343350	1961	Road Match	35m
	FLORISTS-RETAIL	Yvonne Florist, Pittwater Rd., Manly	312109	1961	Road Match	35m
	SPINNERS & WEAVERS	Alexandria Spinning Mills Pty. Ltd. Pittwater Rd., Manly	104268	1950	Road Match	35m
	ASSOCIATIONS & SOCIETIES	Road Transport and Tramways Institute, Pittwater Rd., Manly	3833	1950	Road Match	35m
80	Upholsterers	Dixon, E. S., 8 Short St., Manly	154882	1965	Road Match	40m
	UPHOLSTERERS	Dixon, E. S., 8 Short St., Manly	260445	1961	Road Match	40m
	DRY CLEANERS, PRESSERS / DYERS	Same Day Dry Cleaners, 6 Short St., Manly	299254	1961	Road Match	40m
	UPHOLSTERERS	Dixon, E. S., 8 Short St., Manly	111171	1950	Road Match	40m
81	DRY CLEANERS & PRESSERS. (D8500)	Plaza's Automatic Laundrette, Sydney Rd., Manly. 2095.	24012	1982	Road Match	82m
	LAUNDRIES &/OR LAUNDRETTES.(L1850)	Plaza's Automatic Laundrette, Sydney Rd., Manly. 2095.	44866	1982	Road Match	82m
	SANDWICH &/OR LUNCHEON SHOPS.	Jennys Corner Restaurant, The Plaza, Sydney Rd., Manly. 2095	64510	1978	Road Match	82m
	TAKE-AWAY FOODS.	Jennys Corner Restaurant, The Plaza, Sydney Rd., Manly. 2095	69363	1978	Road Match	82m
	LAUNDRIES &/OR LAUNDRETTES.	Plaza's Automatic Laundrette. Sydney Rd. & Short St., Manly. 2095	39827	1978	Road Match	82m
	SOLICITORS.	Fiddes, G. D., Sydney Rd., Manly. 2095	78289	1975	Road Match	82m
	SOLICITORS.	Griffiths, R. H., Sydney Rd., Manly. 2095	78347	1975	Road Match	82m
	SANDWICH &/OR LUNCHEON SHOPS.	Jennys Take Away Foods The Plaza., Sydney Rd., Manly. 2095	75361	1975	Road Match	82m
	TAKE-AWAY FOODS.	Jenny's Take Away Foods., The Plaza, Sydney Rd., Manly. 2095	81927	1975	Road Match	82m
	ELECTRICAL SUPPLIES &/OR APPLIANCES-RETAIL	Mackellar County Council, Sydney Rd, Manly. 2095.	26399	1975	Road Match	82m
	SOLICITORS.	Marks, A. A., Sydney Rd., Manly. 2095	78492	1975	Road Match	82m
	AUCTIONEERS-REAL ESTATE	Pearsons (Manly) Pty. Ltd., 59 Sydney Rd., Manly. 2095	3547	1975	Road Match	82m
	BUSINESS AGENTS &/OR BROKERS.	Pearsons (Manly) Pty. Ltd., 59 Sydney Rd., Manly. 2095	9866	1975	Road Match	82m
	PROPERTY MANAGEMENT.	Pearsons (Manly) Pty. Ltd., 59 Sydney Rd., Manly. 2095	70756	1975	Road Match	82m
	REAL ESTATE AGENTS &/OR VALUERS.	Pearsons (Manly) Pty. Ltd., 59 Sydney Rd., Manly. 2095	72794	1975	Road Match	82m
	DRY CLEANERS, PRESSERS &/OR DYERS.	Plaza's Automatic Laundrette, Sydney Rd., Manly. 2095	24288	1975	Road Match	82m
	LAUNDRIES &/OR LAUNDRETTES.	Plaza's Automatic Laundrette., Sydney Rd., Manly. 2095	46984	1975	Road Match	82m
	RESTAURANTS.	Timon, The Plaza., Sydney Rd., Manly. 2095	74150	1975	Road Match	82m
	REAL ESTATE AGENTS/VALUERS(R205)	Grundy's Real Estate Pty. Ltd., Sydney Rd., MANLY	355420	1970	Road Match	82m
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS (B260)	Vollus, Don, Sydney Rd., Manly	266774	1970	Road Match	82m
	Beauty Salons &/or Ladies Hairdressers	Vollus, Don., Sydney Rd., Manly	51296	1965	Road Match	82m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
81	CLOTHING MFRS. &/OR W'SALERS-BABY &/OR CHILDREN'S WEAR	Adeldon Knit, 16 Sydney Rd., Manly	288988	1961	Road Match	82m
	CLOTHING MFRS. &/OR W'SALERS-KNITTED GOODS	Adeldon Knit, 16 Sydney Rd., Manly	289637	1961	Road Match	82m
	CLOTHING MFRS. &/OR W'SALERS-LADIES' DRESSES & GOWNS	Adeldon Knit, 16 Sydney Rd., Manly	289981	1961	Road Match	82m
	FROCK & COAT SALONS	Adeldon Knit (The), 16 Sydney Rd., Manly	48226	1950	Road Match	82m
	BABY & CHILDREN'S WEAR-RETAIL	Adeldon Knit, 16 Sydney Rd., Manly	4396	1950	Road Match	82m
	CLOTHING MANUFACTURERS &/OR WHOLESALERS-LADIES' DRESSES & GOWNS	Adeldon Knit, 16 Sydney Rd., Manly	23195	1950	Road Match	82m
	CLOTHING MFRS. &/OR WHOLESALERS-BABIES & CHILDREN'S	Adeldon Knit, 16 Sydney Rd., Manly	24444	1950	Road Match	82m
	KNITTED GOODS &/OR KNITTING SUPPLIES RETAIL	Adeldon Knit, 16 Sydney Rd., Manly	67104	1950	Road Match	82m
	KNITTED GOODS MFRS. & KNITTING MILLS	Adeldon Knit, 16 Sydney Rd., Manly	67195	1950	Road Match	82m
	BUTCHERS-RETAIL	Anderson Meat Co., 19 Sydney Rd., Manly	13055	1950	Road Match	82m
	OPTOMETRISTS-REGISTERED	Brown, Jas. I., 32 Sydney Rd., Manly	90022	1950	Road Match	82m
	OPTICIANS	Brown, Jas. I., Sydney Rd., Manly	89884	1950	Road Match	82m
	GROCERS-RETAIL	Buttle, S. R. Pty. Ltd., 15 Sydney Rd., Manly	56646	1950	Road Match	82m
	MERCERS & GENT'S OUTFITTERS	Caldwell and Hill, 29 Sydney Rd., Manly	74285	1950	Road Match	82m
	BABY & CHILDREN'S WEAR-RETAIL	Chisholm, H., 8a Sydney Rd., Manly	4470	1950	Road Match	82m
	FURRIERS-RETAIL	Dobb Bros., 4 Sydney Rd., Manly	53825	1950	Road Match	82m
	FURNISHINGS-SOFT-RETAILERS	Dobbs Bros. Pty. Ltd., Sydney Rd., Manly	52294	1950	Road Match	82m
	FURNITURE-HOUSEHOLD-RETAILERS	Dobbs Bros. Pty. Ltd., Sydney Rd., Manly	53453	1950	Road Match	82m
	SECONDHAND DEALERS	Dobbs Bros. Pty. Ltd., Sydney Rd., Manly	101136	1950	Road Match	82m
	FLORISTS-RETAIL	Flohm, K. M., 6 Sydney Rd., Manly	45892	1950	Road Match	82m
	JEWELLERS-RETAIL &/OR WATCHMAKERS	Gunning, Tom, 8 Sydney Rd., Manly	66143	1950	Road Match	82m
	VALUERS	Gunning, Tom, 8 Sydney Rd., Manly	111602	1950	Road Match	82m
	DELICATESSENS & SMALLGOODS DEALERS	Harris and Co., 27 Sydney Rd., Manly	30598	1950	Road Match	82m
	GROCERS-RETAIL	Harris and Co., 27 Sydney Rd., Manly	57678	1950	Road Match	82m
	MILK BARS & CONFECTIONERS	Harris and Co., 27 Sydney Rd., Manly	76772	1950	Road Match	82m
	HAIRDRESSERS (GENT.'S) &/OR TOBACCONISTS	James, Phil, 30 Sydney Rd., Manly	59607	1950	Road Match	82m
	ELECTRICAL CONTRACTORS &/OR ELECTRICIANS	Johns, H., 28 Sydney Rd., Manly	37641	1950	Road Match	82m
	RADIO SALES &/OR SERVICEMEN	Johns, H., 28 Sydney Rd., Manly	97330	1950	Road Match	82m
	MERCERS & GENT'S OUTFITTERS	Lloyd, T. G., 29 Sydney Rd., Manly	74489	1950	Road Match	82m
	FLORISTS-RETAIL	Lornay, 6 Sydney Rd., Manly	46028	1950	Road Match	82m
	FROCK & COAT SALONS	Lucielle Frocks, 32 Sydney Rd., Manly	48698	1950	Road Match	82m
	FROCK & COAT SALONS	Marie Anne Frock Shop, 10 Sydney Rd., Manly	48729	1950	Road Match	82m
	MEDICAL PRACTITIONERS	Meyer, F. G., 80 Sydney Rd., Manly	73454	1950	Road Match	82m

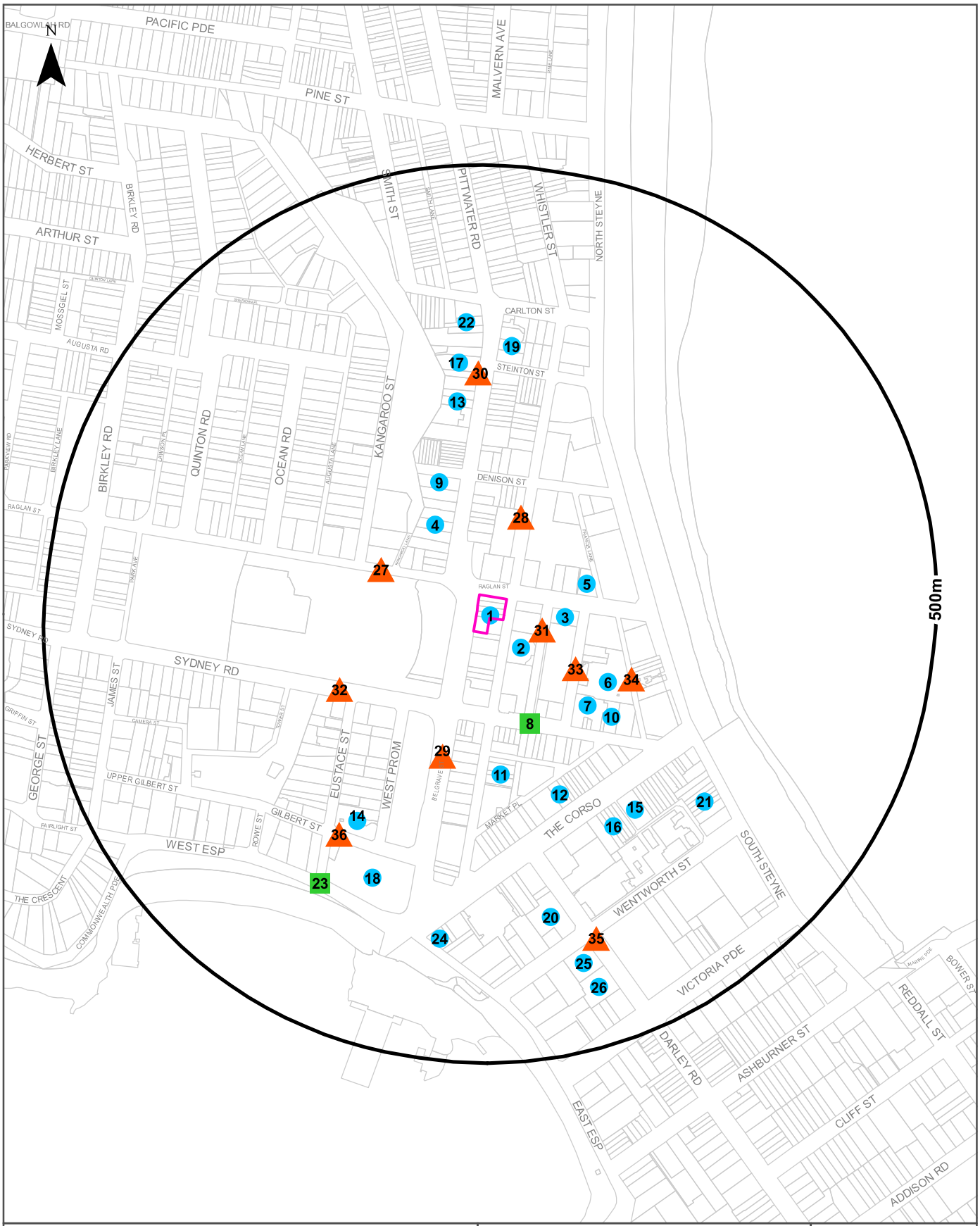
Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
81	FLORISTS-RETAIL	Moody, Miss, 29 Sydney Rd., Manly	46069	1950	Road Match	82m
	CHEMISTS-PHARMACEUTICAL	Moore's Pharmacy, 23 Sydney Rd., Manly	21849	1950	Road Match	82m
	BANKS	National Bank of Australasia Ltd., 30a Sydney Rd., Manly	6003	1950	Road Match	82m
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	Page, Anne, 17 Sydney Rd., Manly	7630	1950	Road Match	82m
	FLORISTS-RETAIL	Page, Anne, 17 Sydney Rd., Manly	46095	1950	Road Match	82m
	FROCK & COAT SALONS	Page, Anne, 17 Sydney Rd., Manly	48809	1950	Road Match	82m
	CAKE SHOPS & PASTRYCOOKS	Patsy, 25 Sydney Rd., Manly	17087	1950	Road Match	82m
	MIXED BUSINESSES & GENERAL STORES	Rawson, T. and Son, 21 Sydney Rd., Manly	80837	1950	Road Match	82m
	LEATHER GOODS RETAILERS	Rawsons Bag Store, 21 Sydney Rd., Manly	68373	1950	Road Match	82m
	HANDBAG &/OR GLOVE SPECIALISTS	Rawsons, 21 Sydney Rd., Manly	60577	1950	Road Match	82m
	TRAVEL GOODS-RETAILERS	Rawsons, 21 Sydney Rd., Manly	110557	1950	Road Match	82m
	CAKE SHOPS & PASTRYCOOKS	Red, Robin (The), 30 Sydney Rd., Manly	17141	1950	Road Match	82m
	DELICATESSENS & SMALLGOODS DEALERS	Rutter's, 10 Sydney Rd., Manly	31129	1950	Road Match	82m
	BUTCHERS-RETAIL	Shaw, Henry Meat Co., 19 Sydney Rd., Manly	14303	1950	Road Match	82m
	FRUITERERS & GREENGROCERS	Simari, R., 25 Sydney Rd., Manly	51209	1950	Road Match	82m
	CAKE SHOPS & PASTRYCOOKS	Sponge Corner, 28 Sydney Rd., Manly	17263	1950	Road Match	82m
	FUNERAL DIRECTORS	Tighe, F. and Co., 32 Sydney Rd., Manly	52056	1950	Road Match	82m
	BABY & CHILDREN'S WEAR-RETAIL	Tiny Tots Baby Shop, 8a Sydney Rd., Manly	4847	1950	Road Match	82m
	TOY DEALERS-RETAIL	Tiny Tots Babyshop, 8a Sydney Rd., Manly	109630	1950	Road Match	82m
	SCHOOLS & COLLEGES-COMMERCIAL	Williams Business College, Sydney Rd., Manly	100889	1950	Road Match	82m
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	Williams, Miss Jean, 31 Sydney Rd., Manly	7968	1950	Road Match	82m
82	HABERDASHERY-RETAIL.	Avanti Salon, 4 Central Ave., Manly. 2095	41388	1986	Road Match	86m
	HAIRDRESSERS-LADIES &/OR BEAUTY SALONS.	Avanti Salon, 4 Central Ave., Manly. 2095	41621	1986	Road Match	86m
	INSURANCE BROKERS.	Mason, Graham Insurance Agency, 5th Fl. 20 Central Ave., Manly. 2095	48815	1986	Road Match	86m
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS. (B2000)	Avanti Salon, 4 Central Ave., Manly. 2095.	5234	1982	Road Match	86m
	HABERDASHERY- RETAIL (H0050)	Avanti Salon, 4 Central Ave., Manly. 2095.	38272	1982	Road Match	86m
	TAILORS-LADIES &/OR GENTS.	Calacoci, V., 1b Central Ave., Manly. 2095	81554	1975	Road Match	86m
	TAILORS-LADIES &/OR GENTS.	Continental Tailor Central Ave., Manly. 2095	81568	1975	Road Match	86m
	DISPOSAL STORES.	Manly Disposals & Jean Centre, Central Ave., Manly. 2095	22159	1975	Road Match	86m
	MERCERS-MENS &/OR BOYS OUTFITTERS.	Manly Disposals & Jean Centre., Central Ave., Manly. 2095	52275	1975	Road Match	86m
	EARTH-MOVING CONTRACTORS	Pyke, W. G., 26 Central Ave., Manly	299846	1961	Road Match	86m
	BUILDERS & CONTRACTORS-(M.M.B.A.)	Wormald, A. E. & K. W. Pty. Ltd Room 6, Rural Bank Chmbrs Central Ave. MANLY	277793	1961	Road Match	86m
	DRY CLEANERS, PRESSERS & DYERS	Rite-Way Dry Cleaners, 1 Central Ave., Manly	35653	1950	Road Match	86m
83	GIFT SHOPS. (G3350)	Fantasy Gift, 70 West Promenade, Manly. 2095.	36233	1982	Road Match	119m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
83	MEDICAL PRACTITIONERS. (M2020)	Ferry, J., 73 West Promenade, Manly. 2095.	48087	1982	Road Match	119m
84	HIRE CAR SERVICES	Balgowlah Drive Yourself, Henrietta St., Manly	62125	1950	Road Match	129m
	TOY MANUFACTURERS	Metal-Wood Repetitions Co., Henrietta St., Manly	109840	1950	Road Match	129m
85	Sheet Metal Workers	Manly Welding Service., 23 Denison St., Manly	143993	1965	Road Match	130m
	Welders - Electric &/or Oxy	Manly Welding Service., 23 Denison St., Manly	156635	1965	Road Match	130m
	Wrought Iron Workers	Manly Welding Service., 23 Denison St., Manly	158460	1965	Road Match	130m
	Newspaper Publishers	Manly-Warringah News, 23 Dennison St., Manly	128623	1965	Road Match	130m
	Newspapers/Periodicals	Manly-Warringah News, 23 Dennison St., Manly	128829	1965	Road Match	130m
	Printers - Letterpress	Manly-Warringah News., 23 Dennison St., Manly	136176	1965	Road Match	130m
	SHEET METAL WORKERS	Manly Welding Service, 23 Denison St., Manly	249345	1961	Road Match	130m
	WELDERS-ELECTRIC &/OR OXY	Manly Welding Service, 23 Denison St., Manly	262260	1961	Road Match	130m
	WROUGHT IRON WORKERS	Manly Welding Service, 23 Denison St., Manly	264299	1961	Road Match	130m
	NEWSPAPER PUBLISHERS	Manly-Warringah News, 23 Dennison St., Manly	353558	1961	Road Match	130m
	NEWSPAPERS/PERIODICALS	Manly-Warringah News, 23 Dennison St., Manly	353782	1961	Road Match	130m
	PRINTERS-LETTERPRESS	Manly-Warringah News, 23 Dennison St., Manly	362278	1961	Road Match	130m
	PLUMBERS, GASFITTERS & DRAINLAYERS	Walter, J. L., Denison St. MANLY	359671	1961	Road Match	130m
	ENGINEERS-GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Drew, E. G., 23 Denison St., Manly	40645	1950	Road Match	130m
	BOOT & SHOE REPAIRERS	Jones, G., Denison St., Manly	10322	1950	Road Match	130m
	WELDERS-ELECTRIC &/OR OXY	Manly Welding Service, 23 Denison St., Manly	112923	1950	Road Match	130m
	NEWSPAPERS & PERIODICALS	Manly-Warringah News, Denison St., Manly	88748	1950	Road Match	130m
	PRINTERS-GENERAL	Manly-Warringah News, Denison St., Manly	95017	1950	Road Match	130m
86	MERCERS & GENT'S OUTFITTERS	Haslams Pty. Ltd., 34 Kangaroo St., Manly	74424	1950	Road Match	138m
87	CLUBS & /OR SPORTING BODIES	North Steyne Surf Life Saving Club, North Steyne., Manly. 2095	18098	1975	Road Match	149m
	CLUBS & /OR SPORTING BODIES	Queenscliff Surf Life Saving Club, North Steyne, Manly. 2095	18110	1975	Road Match	149m
	CLUBS & SPORTING BODIES (C487)	North Steyne Surf Life Saving Club., North Steyne, Manly	284506	1970	Road Match	149m
	CLUBS & SPORTING BODIES (C487)	Queenscliff Surf Life Saving Club., North Steyne., Manly	284580	1970	Road Match	149m
	Clubs & Sporting Bodies	North Steyne Surf Life Saving Club, North Steyne, Manly	69173	1965	Road Match	149m
	Clubs & Sporting Bodies	Queenscliff Surf Life Saving Cage, North Steyne, Manly	69239	1965	Road Match	149m
	CLUBS & SPORTS BODIES	North Steyne Surf Life Saving Club, North Steyne, Manly	291690	1961	Road Match	149m
	CLUBS & SPORTS BODIES	Queenscliff Surf Life Saving Club, North Steyne, Manly	291742	1961	Road Match	149m
	HOTELS-LICENSED	Hotel Pacific, East Steyne, Manly	63160	1950	Road Match	149m

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Dry Cleaners, Motor Garages & Service Stations

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



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: 0 80 160 240 320 Meters

Coordinate System: GDA 1994 MGA Zone 56

Date: 20 April 2023

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

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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.	Daisy Fresh Dry Cleaning Centre, 40 Belgrave St., Manly. 2095	53049	1988	Premise Match	0m	On-site
	DRY CLEANERS & PRESSERS.	Daisy Fresh, 40 Belgrave St., Manly. 2095	25274	1986	Premise Match	0m	On-site
	DRY CLEANERS & PRESSERS.	Daisy Fresh., 40 Belgrave St., Manly. 2095	34489	1985	Premise Match	0m	On-site
	DRY CLEANERS & PRESSERS.	Daisy Fresh, 40 Belgrave St., Manly. 2095	21933	1984	Premise Match	0m	On-site
	DRY CLEANERS & PRESSERS.	Daisy Fresh., 40 Belgrave St., Manly 2095	8524	1983	Premise Match	0m	On-site
	DRY CLEANERS & PRESSERS.(D8500)	Daisy Fresh, 40 Belgrave St., Manly. 2095.	23802	1982	Premise Match	0m	On-site
	DRY CLEANERS & PRESSERS.	Daisy Fresh., 40 Belgrave St., Manly. 2095	63287	1981	Premise Match	0m	On-site
	DRY CLEANERS, PRESSERS &/OR DYERS.	Daisy Fresh., 40 Belgrave St., Manly. 2095	46718	1980	Premise Match	0m	On-site
2	DRY CLEANERS, PRESSERS &/OR DYERS.	Village Dry Cleaners & Garment Repair Service., 26A Whistler St., Manly 2095	23872	1976	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS &/OR DYERS.	Village Dry Cleaners & Garment Repair Service, 26a Whistler St., Manly. 2095	24396	1975	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS &/OR DYERS.	Village Dry Cleaners., 26A Whistler St Manly	7337	1972	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS &/OR DYERS	Village Dry Cleaners., 26A Whistler St Manly	55090	1971	Premise Match	16m	South East
	DRY CLEANERS,PRESSERS /DYERS (D710)	Village Dry Cleaners., 26a Whistler St., Manly	292562	1970	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS/ DYERS	Village Dry Cleaners., 26A Whistler St Manly	37369	1969	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS/DYERS	Village Dry Cleaners., 26A Whistler St Manly	20822	1968	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS/ DYERS	Village Dry Cleaners., 26A Whistler St Manly	6380	1967	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS/ DYERS	Village Dry Cleaners., 26A Whistler St Manly	55427	1966	Premise Match	16m	South East
	Dry Cleaners, Pressers/Dyers	Village Dry Cleaners, 26a Whistler St., Manly	76376	1965	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS/ DYERS.	Village Dry Cleaners., 26A Whistler St Manly	43209	1964	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS/DYERS.	Village Dry Cleaners., 26A Whistler St Manly	24956	1962	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS / DYERS	Village Dry Cleaners, 26a Whistler St., Manly	299311	1961	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS/DYERS	Village Dry Cleaners., 26A Whistler St Manly	13300	1959	Premise Match	16m	South East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
2	DRY CLEANERS, PRESSERS & DYERS	Village Dry Cleaners., 26A Whistler St Manly	422	1958	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS & DYERS.	Village Dry Cleaners., 26A Whistler St Manly	55009	1956	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS & DYERS.	Johnson G., 26A Whistler St Manly	44402	1954	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS & DYERS.	Village Dry Cleaners., 26A Whistler St Manly	44569	1954	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS & DYERS.	Johnson G., 26A Whistler St Manly	36219	1953	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS & DYERS.	Village Dry Cleaners., 26A Whistler St Manly	36402	1953	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS & DYERS.	Johnson G., 26A Whistler St Manly	27109	1952	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS & DYERS.	Village Dry Cleaners., 26A Whistler St Manly	27334	1952	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS & DYERS	Johnson, G., 26a Whistler St., Manly	35324	1950	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS & DYERS	Village Dry Cleaners, 26a Whistler St., Manly	35816	1950	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS & DYERS.	Johnson G., 26A Whistler St Manly	17208	1948-49	Premise Match	16m	South East
	DRY CLEANERS, PRESSERS & DYERS.	Village Dry Cleaners., 26A Whistler St Manly	17577	1948-49	Premise Match	16m	South East
3	MOTOR GARAGES &/OR ENGINEERS.	Pacific Service Station., Cnr Raglan & Short Sts Manly	62237	1971	Premise Match	55m	East
	MOTOR GARAGES & ENGINEERS(M6S6)	Pacific Service Station., Cnr. Raglan & Short Sts., MANLY	338369	1970	Premise Match	55m	East
	MOTOR GARAGES & ENGINEERS.	Pacific Service Station., Cnr Raglan & Short Sts Manly	42586	1969	Premise Match	55m	East
	MOTOR GARAGES & ENGINEERS	Pacific Service Station., Cnr Raglan & Short Sts Manly	26070	1968	Premise Match	55m	East
	MOTOR GARAGES & ENGINEERS.	Pacific Service Station., Cnr Raglan & Short Sts Manly	10568	1967	Premise Match	55m	East
	MOTOR GARAGES & ENGINEERS.	Pacific Service Station., Cnr Raglan & Short Sts Manly	60314	1966	Premise Match	55m	East
	Motor Garages & Engineers	Pacific Service Station, Cnr. Raglan & Short Sts. Manly	122962	1965	Premise Match	55m	East
4	DRY CLEANERS, PRESSERS & DYERS.	Alphine Dry Cleaning Service., 15A Belgrave St Manly	44276	1954	Premise Match	79m	North West
	DRY CLEANERS, PRESSERS & DYERS.	Alphine Dry Cleaning Service., 15A Belgrave St Manly	36078	1953	Premise Match	79m	North West
	DRY CLEANERS, PRESSERS & DYERS.	Alphine Dry Cleaning Service., 15A Belgrave St., Manly	26933	1952	Premise Match	79m	North West
	DRY CLEANERS, PRESSERS & DYERS	Alpine Dry Cleaners, 15a Belgrave St., Manly	35063	1950	Premise Match	79m	North West
	DRY CLEANERS, PRESSERS & DYERS.	Alpine Dry Cleaners., 15a Belgrave St., Manly	17048	1948-49	Premise Match	79m	North West
5	MOTOR GARAGES & ENGINEERS(M6S6)	Pearson Motors St Parking Station., 2 Raglan St., MANLY	338401	1970	Premise Match	82m	East
	MOTOR GARAGES & ENGINEERS.	Pearson Motors & Parking Station., 2 Raglan St Manly	42587	1969	Premise Match	82m	East
	MOTOR GARAGES & ENGINEERS	Pearson Motors & Parking Station., 2 Raglan St Manly	26071	1968	Premise Match	82m	East
	MOTOR GARAGES & ENGINEERS.	Pearson Motors & Parking Station., 2 Raglan St Manly	10569	1967	Premise Match	82m	East
	MOTOR GARAGES & ENGINEERS.	Pearson Motors & Parking Station., 2 Raglan St Manly	60315	1966	Premise Match	82m	East
	Motor Garages & Engineers	Stan's Garage & Parking Station, 2 Raglan St. Manly	122964	1965	Premise Match	82m	East
	MOTOR GARAGES & ENGINEERS.	Pacific Motor Garage., 2 Raglan St Manly	19493	1959	Premise Match	82m	East
	MOTOR GARAGE/ENGINEERS.	Pacific Motor Garage., 2 Raglan St Manly	4696	1958	Premise Match	82m	East
	MOTOR GARAGES &/OR ENGINEERS.	Pacific Motor Garage., 2 Raglan St Manly	61235	1956	Premise Match	82m	East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
5	MOTOR GARAGES &/OR ENGINEERS.	Pacific Motor Garage., 2 Raglan St Manly	57095	1956	Premise Match	82m	East
	MOTOR GARAGES &/OR ENGINEERS.	Pacific Motor Garage., 2 Raglan St Manly	49797	1954	Premise Match	82m	East
	MOTOR GARAGES &/OR ENGINEERS.	Pacific Motor Garage., 2 Raglan St Manly	44649	1954	Premise Match	82m	East
	MOTOR GARAGES &/OR ENGINEERS.	Pacific Motor Garage., 2 Raglan St Manly	40463	1953	Premise Match	82m	East
	MOTOR GARAGES &/OR ENGINEERS.	Pacific Motor Garage., 2 Raglan St Manly	32040	1952	Premise Match	82m	East
	MOTOR GARAGES &/OR ENGINEERS	Pacific Motor Garage, 2 Raglan St., Manly	84168	1950	Premise Match	82m	East
	MOTOR GARAGES &/OR ENGINEERS.	Pacific Motor Garage., 2 Raglan St Manly	22703	1948-49	Premise Match	82m	East
6	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Village Garage Parking & Service Station Pty. Ltd., 3 Henrletta La., Manly	16859	1972	Premise Match	103m	South East
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Village Garage Parking & Service Station Pty. Ltd., 3 Henrietta La Manly	2324	1971	Premise Match	103m	South East
	MOTOR GARAGES & ENGINEERS(M6S6)	The Village Motors Pty. Ltd., 5 Henrietta Lane., MANLY	338722	1970	Premise Match	103m	South East
	MOTOR SERVICE STATIONS-PETROL,OIL,Etc.	Village Garage, Parking A Service Station Pty. Ltd., 3 Henrietta La., MANLY	341600	1970	Premise Match	103m	South East
	MOTOR GARAGES & ENGINEERS.	The Village Motors Pty. Ltd., 5 Henrietta Lane Manly	42588	1969	Premise Match	103m	South East
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Village Garage Parking & Service Station Pty. Ltd., 3 Henrietta La Manly	50427	1969	Premise Match	103m	South East
	MOTOR GARAGES & ENGINEERS	The Village Motors Pty. Ltd., 5 Henrietta Lane Manly	26072	1968	Premise Match	103m	South East
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Village Garage Parking & Service Station Pty. Ltd., 3 Henrietta La Manly	32461	1968	Premise Match	103m	South East
	MOTOR GARAGES & ENGINEERS.	The Village Motors Pty. Ltd., 5 Henrietta Lane Manly	10570	1967	Premise Match	103m	South East
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Village Garage Parking & Service Station Pty. Ltd., 3 Henrietta La Manly	15921	1967	Premise Match	103m	South East
	MOTOR GARAGES & ENGINEERS.	The Village Motors Pty. Ltd., 5 Henrietta Lane Manly	60316	1966	Premise Match	103m	South East
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Village Garage Parking & Service Station., 5 Henrietta Lane Manly	1496	1966	Premise Match	103m	South East
	Motor Garages & Engineers	Manly Village Motors, 5 Henrietta St. Manly	122961	1965	Premise Match	103m	South East
	Motor Garages & Engineers	Village Garage, Parking & Service Station, 3 Henrietta La. Manly	122965	1965	Premise Match	103m	South East
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Village Garage & Service Station (The)., 3 Henrietta Lane Manly	52147	1964	Premise Match	103m	South East
	MOTOR GARAGES & ENGINEERS	Village Motors (The)., 5 Henrietta St Manly	48239	1964	Premise Match	103m	South East
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Village Garage & Service Station (The)., 3 Henrietta Lane., Manly	65434	1962	Premise Match	103m	South East
	MOTOR GARAGES & ENGINEERS.	Village Motors (The)., 5 Henrietta St Manly	32897	1962	Premise Match	103m	South East
	MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Village Garage & Service Station (The), 3 Henrietta Lane., MANLY	351247	1961	Premise Match	103m	South East
	MOTOR GARAGES & ENGINEERS	Village Motors (The), 5 Henrietta St., MANLY	348366	1961	Premise Match	103m	South East
	MOTOR SERVICE STATIONS-PETROL,. OIL, ETC.	Village Garage & Service Station (The)., 3 Henrietta Lane Manly	24331	1959	Premise Match	103m	South East

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6	MOTOR GARAGES & ENGINEERS.	Village Motors (The)., 5 Henrietta St Manly	19497	1959	Premise Match	103m	South East
	MOTOR GARAGE/ENGINEERS.	Village Motors (The)., 5 Henrietta St Manly	9215	1958	Premise Match	103m	South East
	MOTOR GARAGES &/OR ENGINEERS.	Village Motors (The)., 5 Henrietta St Manly	61629	1956	Premise Match	103m	South East
	MOTOR GARAGES &/OR ENGINEERS.	Village Motors (The)., 5 Henrietta St Manly	54256	1954	Premise Match	103m	South East
7	DRY CLEANERS, PRESSERS &/OR DYERS.	Littles Dry Cleaners., 28 Sydney Rd., Manly 2095	23658	1976	Premise Match	105m	South East
	DRY CLEANERS, PRESSERS &/OR DYERS.	Littles Dry Cleaners, 28 Sydney Rd., Manly. 2095	24183	1975	Premise Match	105m	South East
	DRY CLEANERS, PRESSERS & DYERS	Jones, Dry Cleaners Pty. Ltd. 12 Sydney Rd., Manly	35336	1950	Premise Match	105m	South East
	DRY CLEANERS, PRESSERS & DYERS	Littles Dry Cleaner 20 Sydney Rd., Manly	35423	1950	Premise Match	105m	South East
	DRY CLEANERS, PRESSERS & DYERS.	Jones Dry Cleaners Pty. Ltd., 12 Sydney Rd., Manly	17231	1948-49	Premise Match	105m	South East
	DRY CLEANERS, PRESSERS & DYERS.	Littles Dry Cleaner., 20 Sydney Rd., Manly	17282	1948-49	Premise Match	105m	South East
8	DRY CLEANERS & PRESSERS.	Plaza's Automatic Laundrette., Sydney Rd., Manly. 2095	63499	1981	Road Intersection	116m	South
	DRY CLEANERS, PRESSERS &/OR DYERS.	Plaza's Automatic Laundrette., Sydney Rd & Short St., Manly. 2095	49978	1980	Road Intersection	116m	South
	DRY CLEANERS, PRESSERS &/OR DYERS.	Plaza's Automatic Laundrette., Sydney Rd & Short St., Manly. 2095.	35515	1979	Road Intersection	116m	South
	DRY CLEANERS, PRESSERS &/OR DYERS	Plaza's Automatic Laundrette, Sydney Rd. & Short St., Manly. 2095	20918	1978	Road Intersection	116m	South
9	MOTOR GARAGES & ENGINEERS.	Royal Garage., 31 Pittwater Rd, Manly	32896	1962	Premise Match	123m	North
	MOTOR GARAGES & ENGINEERS	Royal Garage, 31 Pittwater Rd. MANLY	348075	1961	Premise Match	123m	North
	MOTOR GARAGES & ENGINEERS.	Royale Garage., 31 Pittwater Rd Manly	19495	1959	Premise Match	123m	North
	MOTOR GARAGE/ENGINEERS.	Royal Garage., 31 Pittwater Rd Manly	4907	1958	Premise Match	123m	North
	MOTOR GARAGES &/OR ENGINEERS.	Royal Garage., 31 Pittwater Rd Manly	61433	1956	Premise Match	123m	North
10	DRY CLEANERS, PRESSERS/DYERS	Alpine Dry Cleaners., 6 Sydney Rd., Manly	65374	1959	Premise Match	150m	South East
	DRY CLEANERS, PRESSERS & DYERS	Alpine Dry Cleaners., 6 Sydney Rd Manly	167	1958	Premise Match	150m	South East
	DRY CLEANERS, PRESSERS & DYERS.	Alpine Dry Cleaners., 6 Sydney Rd Manly	54770	1956	Premise Match	150m	South East
	DRY CLEANERS, PRESSERS & DYERS	Alpine Dry Cleaners, 6 Sydney Rd., Manly	35061	1950	Premise Match	150m	South East
	DRY CLEANERS, PRESSERS & DYERS.	Alpine Dry Cleaners., 6 Sydney Rd., Manly	17051	1948-49	Premise Match	150m	South East
11	Motor Garages & Engineers	Pearson Motors, 10 Whistler St. Manly	122963	1965	Premise Match	159m	South
	MOTOR GARAGES & ENGINEERS	Neale L., 8 Whistler St Manly	48237	1964	Premise Match	159m	South
	MOTOR GARAGES & ENGINEERS	Pearson Motors., 10 Whistler St Manly	48238	1964	Premise Match	159m	South
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Peerless Garage., 8 Whistler St Manly	52146	1964	Premise Match	159m	South
	MOTOR GARAGES & ENGINEERS.	Neale L., 8 Whistler St Manly	32893	1962	Premise Match	159m	South
	MOTOR GARAGES & ENGINEERS.	Pearson Motors., 10 Whistler St Manly	32895	1962	Premise Match	159m	South

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11	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Peerless Garage., 8 Whistler St., Manly	65433	1962	Premise Match	159m	South
	MOTOR GARAGES & ENGINEERS	Neale, L., 8 Whistler St. MANLY	347772	1961	Premise Match	159m	South
	MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Peerless Garage, 8 Whistler St. MANLY	350952	1961	Premise Match	159m	South
	MOTOR GARAGES & ENGINEERS	Thompson's Service Station, 10 Whistler St., Manly	348282	1961	Premise Match	159m	South
	MOTOR GARAGES & ENGINEERS.	G. & P. Motor Service., 10 Whistler St Manly	19482	1959	Premise Match	159m	South
	MOTOR GARAGES & ENGINEERS.	G. & P. Motor Services., 10 Whistler St Manly	19490	1959	Premise Match	159m	South
	MOTOR GARAGES & ENGINEERS.	Neale L., 8 Whistler St Manly	19492	1959	Premise Match	159m	South
	MOTOR SERVICE STATIONS-PETROL,. OIL, ETC.	Peerless Garage., 8 Whistler St Manly	24330	1959	Premise Match	159m	South
	MOTOR GARAGES & ENGINEERS.	Thompson's Service Station., 10 Whistler St Manly	19496	1959	Premise Match	159m	South
	MOTOR GARAGE/ENGINEERS.	Neale L., 8 Whistler St Manly	4639	1958	Premise Match	159m	South
	MOTOR SERVICE STATIONS-PETROL, ETC.	Peerless Garage., 8 Whistler St Manly	9746	1958	Premise Match	159m	South
	MOTOR GARAGE/ENGINEERS.	Thompson's Service Station., 10 Whistler St Manly	9154	1958	Premise Match	159m	South
	MOTOR GARAGES &/OR ENGINEERS.	Neale L., 8 Whistler St Manly	61182	1956	Premise Match	159m	South
	MOTOR SERVICE STATIONS-PETROL, ETC.	Peerless Garage., 8 Whistler St Manly	62102	1956	Premise Match	159m	South
	MOTOR GARAGES &/OR ENGINEERS.	Thompson's Service Station., 10 Whistler St Manly	61576	1956	Premise Match	159m	South
	MOTOR GARAGES &/OR ENGINEERS.	Neale L., 8 Whistler St Manly	49744	1954	Premise Match	159m	South
	MOTOR SERVICE STATIONS-PETROL, ETC.	Peerless Garage., 8 Whistler St Manly	54617	1954	Premise Match	159m	South
	MOTOR GARAGES &/OR ENGINEERS.	T. M. B. Motor Service Pty. Ltd.10 Whistler St. Manly	65287	1954	Premise Match	159m	South
	MOTOR GARAGES &/OR ENGINEERS.	Thompson's Service Station., 10 Whistler St., Manly	54210	1954	Premise Match	159m	South
	MOTOR GARAGES &/OR ENGINEERS.	Neale L., 8 Whistler St., Manly	40411	1953	Premise Match	159m	South
	MOTOR SERVICE STATIONS–PETROL, ETC.	Peerless Garage., 8 Whistler St Manly	44171	1953	Premise Match	159m	South
	MOTOR GARAGES &/OR ENGINEERS.	Thompson's Service Station., 10 Whistler St Manly	40779	1953	Premise Match	159m	South
	MOTOR GARAGES &/OR ENGINEERS.	Neale L., 8 Whistler St Manly	31990	1952	Premise Match	159m	South
	MOTOR SERVICE STATIONS–PETROL, ETC.	Peerless Garage., 8 Whistler St Manly	35954	1952	Premise Match	159m	South
	MOTOR GARAGES &/OR ENGINEERS	Neale, L., 8 Whistler St., Manly	84125	1950	Premise Match	159m	South
	MOTOR SERVICE STATIONS-PETROL, Etc.	Peerless Garage, 8 Whistler St., Manly	86280	1950	Premise Match	159m	South
	MOTOR GARAGES &/OR ENGINEERS.	Neale L., 8 Whistler St Manly	22665	1948-49	Premise Match	159m	South
	MOTOR SERVICE STATIONS-PETROL, ETC.	Peerless Garage., 8 Whistler St., Manly	26695	1948-49	Premise Match	159m	South
12	DRY CLEANERS, PRESSERS/ DYERS	Tip Top Dry Cleaners., 37A The Corso Manly	37354	1969	Premise Match	189m	South

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12	DRY CLEANERS, PRESSERS/DYERS	Tip Top Dry Cleaners., 37A The Corso Manly	20809	1968	Premise Match	189m	South
	DRY CLEANERS, PRESSERS/ DYERS	Tip Top Dry Cleaners., 37A The Corso Manly	6364	1967	Premise Match	189m	South
13	MOTOR GARAGES &/OR ENGINEERS.	Inder G. F. And Co., 59 Belgrave St Manly	31787	1952	Premise Match	217m	North
	MOTOR GARAGES &/OR ENGINEERS	Inder, G. F. and Co., 59 Belgrave St., Manly	83907	1950	Premise Match	217m	North
	MOTOR GARAGES &/OR ENGINEERS.	Inder G. F. And Co., 59 Belgrave St Manly	22490	1948-49	Premise Match	217m	North
14	MOTOR GARAGES & SERVICE STATIONS.	Auckland Garage, 1 Gilbert St., Manly. 2095	39006	1985	Premise Match	236m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Auckland Garage, 1 Gilbert St., Manly. 2095	27612	1984	Premise Match	236m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Auckland Garage., 1 Gilbert St., Manly 2095	8971	1983	Premise Match	236m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Auckland Garage, 1 Gilbert St., Manly. 2095.	56056	1982	Premise Match	236m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Auckland Garage., 1 Gilbert St., Manly. 2095	63725	1981	Premise Match	236m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Auckland Garage., 1 Gilbert St., Manly. 2095	50197	1980	Premise Match	236m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Auckland Garage., 1 Gilbert St., Manly. 2095.	40809	1979	Premise Match	236m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Auckland Garage, 1 Gilbert St., Manly. 2095	49325	1978	Premise Match	236m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Auckland Garage., 1 Gilbert St., Manly 2095	25039	1976	Premise Match	236m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Auckland Garage., 1 Gilbert St., Manly. 2095	58379	1975	Premise Match	236m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Auckland Garage., 1 Gilbert St Manly	12546	1972	Premise Match	236m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Auckland Garage., 1 Gilbert St Manly	62230	1971	Premise Match	236m	South West
	MOTOR GARAGES & ENGINEERS(M6S6)	Auckland Garage., 1 Gilbert St., MANLY	337220	1970	Premise Match	236m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Auckland Garage., Cnr Gilbert St & West Prom Manly	57183	1956	Premise Match	236m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Auckland Garage., Cnr Gilbert St & West Promenade Manly	57054	1956	Premise Match	236m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Auckland Garage., Cnr Gilbert St & West Prom Manly	44752	1954	Premise Match	236m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Auckland Garage., Cnr Gilbert St & West Promenade Manly	44588	1954	Premise Match	236m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Auckland Garage., Cnr Gilbert St & West Prom Manly	36545	1953	Premise Match	236m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Auckland Garage., Cnr Gilbert St & West Promenade Manly	36423	1953	Premise Match	236m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Auckland Garage., Cnr Gilbert St & West Promenade Manly	27365	1952	Premise Match	236m	South West
15	DRY CLEANERS & PRESSERS.	Prestige Dry Cleaners., 74 The Corso., Manly. 2095	63505	1981	Premise Match	246m	South East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
15	DRY CLEANERS, PRESSERS &/OR DYERS.	Prestige Dry Cleaners., 74 The Corso., Manly. 2095	49983	1980	Premise Match	246m	South East
	DRY CLEANERS, PRESSERS &/OR DYERS.	Prestige Dry Cleaners., 74 The Corso., Manly. 2095.	35522	1979	Premise Match	246m	South East
	DRY CLEANERS, PRESSERS &/OR DYERS	Prestige Dry Cleaners, 74 The Corso, Manly. 2095	20925	1978	Premise Match	246m	South East
	DRY CLEANERS, PRESSERS &/OR DYERS.	Prestige Dry Cleaners., 78 The Corso Manly 2095	23771	1976	Premise Match	246m	South East
	DRY CLEANERS, PRESSERS &/OR DYERS.	Prestige Dry Cleaners, 78 The Corso, Manly. 2095	24295	1975	Premise Match	246m	South East
	DRY CLEANERS, PRESSERS &/OR DYERS.	Prestige Pty. Ltd., 78 The Corso Manly	7201	1972	Premise Match	246m	South East
	DRY CLEANERS, PRESSERS &/OR DYERS	Prestige Pty. Ltd., 78 The Corso., Manly	51275	1971	Premise Match	246m	South East
	DRY CLEANERS,PRESSERS /DYERS (D710)	Prestige Pty. Ltd., 78 The Corso, Manly	292462	1970	Premise Match	246m	South East
	DRY CLEANERS, PRESSERS/ DYERS	Prestige Pty. Ltd., 78 The Corso, Manly	37273	1969	Premise Match	246m	South East
	DRY CLEANERS, PRESSERS/DYERS	Prestige Pty. Ltd., 78 The Corso., Manly	20732	1968	Premise Match	246m	South East
	DRY CLEANERS, PRESSERS/ DYERS	Prestige Pty. Ltd., 78 The Corso., Manly	6289	1967	Premise Match	246m	South East
16	DRY CLEANERS, PRESSERS/DYERS.	Littles Pty. Ltd., The Corso Manly	24815	1962	Premise Match	246m	South East
	DRY CLEANERS, PRESSERS / DYERS	Littles Pty. Ltd., The Corso, Manly	299162	1961	Premise Match	246m	South East
	DRY CLEANERS, PRESSERS & DYERS.	LittleS., 64-66 The Corso Manly	27147	1952	Premise Match	246m	South East
	DRY CLEANERS, PRESSERS & DYERS	Little's, 64-66 The Corso, Manly	35420	1950	Premise Match	246m	South East
17	MOTOR GARAGES &/OR ENGINEERS.	Bottle R., 65 Pittwater Rd Manly	48928	1954	Premise Match	259m	North
	MOTOR GARAGES &/OR ENGINEERS.	Bottle R., 65 Pittwater Rd Manly	36644	1953	Premise Match	259m	North
	MOTOR GARAGES &/OR ENGINEERS.	Delandro Frank., 65 Pittwater Rd Manly	31566	1952	Premise Match	259m	North
	MOTOR GARAGES &/OR ENGINEERS.	Delandro Frank., 65 Pittwater Rd Manly	27376	1952	Premise Match	259m	North
18	DRY CLEANERS, PRESSERS & DYERS.	Tudor Industries Pty Ltd., 60 West Esp., Manly	27322	1952	Premise Match	281m	South West
	DRY CLEANERS, PRESSERS & DYERS	Tudor Industries Pty. Ltd., 60 West Esp., Manly	35801	1950	Premise Match	281m	South West
	DRY CLEANERS, PRESSERS & DYERS.	Tudor Industries Pty. Ltd., 60 West Esp Manly	17568	1948-49	Premise Match	281m	South West
19	MOTOR GARAGES & SERVICE STATIONS.	Manly Star Service Station Pty Ltd., 88 Pittwater Rd., Manly. 2095	19090	1993	Premise Match	285m	North
	Motor Garages & Service Stations	Manly Star Service Station Pty. Ltd., 88 Pittwater Rd., Manly 2095	96257	1991	Premise Match	285m	North
	MOTOR GARAGES & SERVICE STATIONS.	Manly Star Service Station Pty. Ltd., 88 Pittwater Rd., Manly. 2095	11807	1990	Premise Match	285m	North
	MOTOR GARAGE & SERVICE STATIONS.	Manly Star Service Station Pty. Ltd., 88 Pittwater Rd., Manly. 2095	5213	1989	Premise Match	285m	North
	MOTOR GARAGES & SERVICE STATIONS.	Manly Star Service Station Pty. Ltd., 88 Pittwater Rd., Manly. 2095	59570	1988	Premise Match	285m	North
	MOTOR GARAGES & SERVICE STATIONS.	Manly Star Service Station Pty. Ltd., 88 Pittwater Rd., Manly. 2095	65032	1986	Premise Match	285m	North
	MOTOR GARAGES & SERVICE STATIONS.	Manly Star Service Station Pty. Ltd., 88 Pittwater Rd., Manly. 2095	45137	1985	Premise Match	285m	North

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
19	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Manly Star Service Station Pty., 88 Pittwater Rd., Manly. 2095	33717	1984	Premise Match	285m	North
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Manly Star Service Station Pty. Ltd., 88 Pittwater Rd., Manly 2095	15066	1983	Premise Match	285m	North
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Manly Star Service Station Pty. Ltd., 88 Pittwater Rd., Manly. 2095.	57137	1982	Premise Match	285m	North
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Manly Star Service Station Pty. Ltd., 88 Pittwater Rd., Manly 2095	3701	1981	Premise Match	285m	North
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Manly Star Service Station Pty. Ltd., 88 Pittwater Rd., Manly. 2095	58436	1980	Premise Match	285m	North
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Manly Star Service Station Pty. Ltd., 88 Pittwater Rd., Manly. 2095.	45914	1979	Premise Match	285m	North
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Manly Star Service Station Pty. Ltd., 88 Pittwater Rd., Manly.	50423	1978	Premise Match	285m	North
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Manly Star Service Station Pty. Ltd., 88 Pittwater Rd., Manly 2095	30416	1976	Premise Match	285m	North
	MOTOR GARAGES &/OR ENGINEERS.	Manly Star Service Station Pty. Ltd., 88 Pittwater Rd., Manly	59192	1975	Premise Match	285m	North
	MOTOR GARAGES &/OR ENGINEERS.	Manly Star Service Station Pty. Ltd., 88 Pittwater Rd., Manly	12553	1972	Premise Match	285m	North
	MOTOR GARAGES &/OR ENGINEERS.	Manly Star Service Station Pty. Ltd., 88 Pittwater Rd Manly	62236	1971	Premise Match	285m	North
	MOTOR GARAGES & ENGINEERS(M6S6)	Manly Star Service Station, 88 Pittwater Rd. MANLY	338199	1970	Premise Match	285m	North
	MOTOR GARAGES & ENGINEERS.	Manly Star Service Station., 88 Pittwater Rd Manly	42585	1969	Premise Match	285m	North
	MOTOR GARAGES & ENGINEERS	Manly Star Service Station., 88 Pittwater Rd Manly	26069	1968	Premise Match	285m	North
	MOTOR GARAGES & ENGINEERS.	Manly Star Service Station., 88 Pittwater Rd Manly	10567	1967	Premise Match	285m	North
	MOTOR GARAGES & ENGINEERS.	Manly Star Service Station., 88 Pittwater Rd Manly	60313	1966	Premise Match	285m	North
	Motor Garages & Engineers	Manly Star Service Station, 88 Pittwater Rd. Manly	122960	1965	Premise Match	285m	North
	MOTOR GARAGES & ENGINEERS	Manly Star Service Station., 88 Pittwater Rd, Manly	48236	1964	Premise Match	285m	North
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Manly Star Service Station., 88 Pittwater Rd Manly	38392	1962	Premise Match	285m	North
	MOTOR GARAGES & ENGINEERS.	Manly Star Service Station., 94 Pittwater Rd Manly	32892	1962	Premise Match	285m	North
	MOTOR GARAGES & ENGINEERS	Manly Star Service Station, 94 Pittwater Rd. MANLY	347631	1961	Premise Match	285m	North
	MOTOR SERVICE STATIONS-PETROL,. OIL, ETC.	Manly Star Service Station., 88 Pittwater Rd., Manly	24327	1959	Premise Match	285m	North
	MOTOR GARAGES & ENGINEERS.	Manly Star Service Station., 94 Pittwater Rd Manly	19491	1959	Premise Match	285m	North
20	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Darley Road Service Station., 6 Darley Rd., Manly 2095	14547	1983	Premise Match	309m	South

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
20	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Darley Road Service Station, 6 Darley Rd., Manly. 2095.	56610	1982	Premise Match	309m	South
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Darley Road Service Station., 6 Darley Rd., Manly. 2095.	3163	1981	Premise Match	309m	South
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Darley Road Service Station., 6 Darley Rd., Manly. 2095	52805	1980	Premise Match	309m	South
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Darley Road Service Station., 6 Darley Rd., Manly. 2095.	41352	1979	Premise Match	309m	South
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Darley Road Service Station, 6 Darley Rd., Manly. 2095	49883	1978	Premise Match	309m	South
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Darley Road Service Station., 6 Darley Rd., Manly 2095	29821	1976	Premise Match	309m	South
	MOTOR GARAGES &/OR ENGINEERS.	Darley Road Service Station., 6 Darley Rd., Manly. 2095	58744	1975	Premise Match	309m	South
	MOTOR GARAGES &/OR ENGINEERS.	Darley Road Service Station (Ampol)., 4 Darley Rd., Manly	12550	1972	Premise Match	309m	South
	MOTOR GARAGES &/OR ENGINEERS.	Darley Road Service Station (Ampol)., 4 Darley Rd Manly	62234	1971	Premise Match	309m	South
	MOTOR GARAGES & ENGINEERS(M6S6)	Darley Road Service Station (Ampol)., 4 Darley Rd., MANLY	337660	1970	Premise Match	309m	South
	MOTOR GARAGES & ENGINEERS.	Darley Road Service Station (Ampol)., 4 Darley Rd Manly	42582	1969	Premise Match	309m	South
	MOTOR GARAGES & ENGINEERS	Darley Road Service Station (Ampol)., 4 Darley Rd Manly	26066	1968	Premise Match	309m	South
	MOTOR GARAGES & ENGINEERS.	Darley Road Service Station (Ampol)., 4 Darley Rd Manly	10564	1967	Premise Match	309m	South
	Motor Garages & Engineers	Darley Road Service Station (Ampol)., 4 Darley Rd., Manly	122957	1965	Premise Match	309m	South
	MOTOR GARAGES & ENGINEERS	Darley Road Service Station (Ampol)., 4 DarLey Rd., Manly	48234	1964	Premise Match	309m	South
	MOTOR GARAGES & ENGINEERS.	Darley Road Service Station (Ampol)., 4 Darley Rd Manly	32890	1962	Premise Match	309m	South
	MOTOR GARAGES & ENGINEERS	Darley Road Service Station (Ampol), 4 Darley Rd. MANLY	347011	1961	Premise Match	309m	South
	MOTOR GARAGES & ENGINEERS.	Darley Road Service Station (Ampol)., 4 Darley Rd Manly	19487	1959	Premise Match	309m	South
21	DRY CLEANERS, PRESSERS/ DYERS	Manly Drycleaners., 30 South Steyne Manly	55266	1966	Premise Match	309m	South East
	Dry Cleaners, Pressers/Dyers	Manly Dry Cleaners, 30 South Steyne, Manly	76238	1965	Premise Match	309m	South East
	DRY CLEANERS, PRESSERS/ DYERS.	Manly Dry Cleaners., 30 South Steyne Manly	43079	1964	Premise Match	309m	South East
	DRY CLEANERS, PRESSERS/DYERS.	Manly Dry Cleaners., 30 South Steyne Manly	24828	1962	Premise Match	309m	South East
	DRY CLEANERS, PRESSERS / DYERS	Manly Dry Cleaners, 30 South Steyne, Manly	299176	1961	Premise Match	309m	South East
	DRY CLEANERS, PRESSERS/DYERS	Manly Dry Cleaners., 30 South Steyne Manly	10123	1959	Premise Match	309m	South East
22	MOTOR SERVICE STATIONS-PETROL, ETC.	T. & G. Electric., 75 Pittwater Rd Manly	54699	1954	Premise Match	313m	North
23	DRY CLEANERS, PRESSERS &/OR DYERS.	Esquire Dry Cleaners., 71 West Esp., Manly 2095	23499	1976	Road Intersection	343m	South West
	DRY CLEANERS, PRESSERS &/OR DYERS.	Esquire Dry Cleaners, 71 West Esp., Manly. 2095	24023	1975	Road Intersection	343m	South West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
24	DRY CLEANERS & PRESSERS.	Moncrieffs, 51 East Esp., Manly. 2095	53218	1988	Premise Match	345m	South
	DRY CLEANERS & PRESSERS.	Moncrieffs, 51 East Esp., Manly. 2095	25446	1986	Premise Match	345m	South
	DRY CLEANERS & PRESSERS.	Moncrieffs, 51 East Esp, Manly.2095	65808	1985	Premise Match	345m	South
	DRY CLEANERS & PRESSERS.	Moncrieffs, 51 East Esp, Manly. 2095	22115	1984	Premise Match	345m	South
	DRY CLEANERS & PRESSERS.	Moncrieffs Dry Cleaners., 2B The Corso, Manly 2095	8710	1983	Premise Match	345m	South
	DRY CLEANERS & PRESSERS.(D8500)	Moncrieffs Dry Cleaners, 2B The Corso, Manly. 2095.	23979	1982	Premise Match	345m	South
	DRY CLEANERS & PRESSERS.	Moncrieffs Dry Cleaners., 2B The Corso Manly. 2095	63465	1981	Premise Match	345m	South
	DRY CLEANERS, PRESSERS &/OR DYERS.	Moncrieffs Dry Cleaners., 2B The Corso., Manly. 2095	49942	1980	Premise Match	345m	South
	DRY CLEANERS, PRESSERS &/OR DYERS.	Muncrieffs Dry Cleaners., 2B The Corso., Manly. 2095.	35476	1979	Premise Match	345m	South
	DRY CLEANERS, PRESSERS &/OR DYERS	Moncrieffs Dry Cleaners, 2b The Corso, Manly. 2095.	20880	1978	Premise Match	345m	South
	DRY CLEANERS, PRESSERS &/OR DYERS.	Jolly Frog Dry Cleaners., 2A The Corso, Manly 2095	23567	1976	Premise Match	345m	South
	DRY CLEANERS, PRESSERS &/OR DYERS.	Jolly Frog Dry Cleaners, 2a The Corso, Manly. 2095	24092	1975	Premise Match	345m	South
25	MOTOR GARAGES & SERVICE STATIONS.	Esso Manly Service Station, 16 Darley Rd., Manly. 2095	18937	1993	Premise Match	380m	South
	MOTOR GARAGES & SERVICE STATIONS.	Esso Manly Service Station, 16 Darley Rd., Manly. 2095	11562	1990	Premise Match	380m	South
	MOTOR GARAGE & SERVICE STATIONS.	Esso Manly Service Station, 16 Darley Rd., Manly. 2095	65019	1989	Premise Match	380m	South
	MOTOR GARAGES & SERVICE STATIONS.	Esso Manly Service Station, 16 Darley Rd., Manly. 2095	59237	1988	Premise Match	380m	South
	MOTOR GARAGES & SERVICE STATIONS.	Esso Manly Service Station, 16 Darley Rd., Manly. 2095	64638	1986	Premise Match	380m	South
	MOTOR GARAGES & SERVICE STATIONS.	Esso Manly Service Station, 16 Darley Rd., Manly. 2095	39637	1985	Premise Match	380m	South
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Esso Manly Service Station, 16 Darley Rd., Manly. 2095	28217	1984	Premise Match	380m	South
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Esso Manly Service Station., 16 Darley Rd., Manly. 2095	14642	1983	Premise Match	380m	South
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Esso Manly Service Station, 16 Darley Rd., Manly. 2095.	56707	1982	Premise Match	380m	South
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Esso Manly Service Station., 16 Darley Rd., Manly. 2095	3260	1981	Premise Match	380m	South
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Esso Manly Service Station., 16 Darley Rd., Manly. 2095	52908	1980	Premise Match	380m	South
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Esso Servicenter., 16 Darley Rd., Manly. 2095.	41466	1979	Premise Match	380m	South
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Esso Servicenter, 16 Darley Rd., Manly. 2095	50005	1978	Premise Match	380m	South

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
25	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Esso Servicenter., 16 Darley Rd., Manly 2095	29964	1976	Premise Match	380m	South
	MOTOR GARAGES &/OR ENGINEERS.	Esso Servicenter., 16 Darley Rd., Manly. 2095	58837	1975	Premise Match	380m	South
	Motor Service Stations - Petrol, Oil, Etc.	Esso Service Station., Cnr. Darley Rd. & Wentworth St., Manly	125874	1965	Premise Match	380m	South
26	DRY CLEANERS & PRESSERS.	Esquire Dry Cleaners, 20 Darley St., Manly. 2095	34515	1985	Premise Match	410m	South
	DRY CLEANERS & PRESSERS.	Esquire Dry Cleaners, 20 Darley St., Manly. 2095	21959	1984	Premise Match	410m	South
	DRY CLEANERS & PRESSERS.	Esquire Dry Cleaners., 20 Darley St., Manly 2095	8551	1983	Premise Match	410m	South
	DRY CLEANERS & PRESSERS.(D8500)	Esquire Dry Cleaners, 20 Darley St., Manly. 2095.	23827	1982	Premise Match	410m	South
	DRY CLEANERS & PRESSERS.	Esquire Dry Cleaners., 20 Darley St., Manly. 2095	63310	1981	Premise Match	410m	South
	DRY CLEANERS, PRESSERS &/OR DYERS.	Esquire Dry Cleaners., 20 Darley St., Manly. 2095	46742	1980	Premise Match	410m	South
	DRY CLEANERS, PRESSERS &/OR DYERS.	Esquire Dry Cleaners., 20 Darley St Manly. 2095	35337	1979	Premise Match	410m	South
	DRY CLEANERS, PRESSERS/ DYERS.	Esquire Valet Service., 22 Darley Rd Manly	65220	1964	Premise Match	410m	South

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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
27	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	BP Pacific Service Station, Raglan St., Manly. 2095	27810	1984	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	BP Pacific Service Station., Raglan St., Manly 2095	14246	1983	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	BP Pacific Service Station, Raglan St., Manly 2095.	56274	1982	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	BP Pacific Service Station., Raglan St., Manly. 2095	63952	1981	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	BP Pacific Service Station., Raglan St., Manly. 2095	51452	1980	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	BP Pacific Service Station., Raglan St., Manly. 2095.	41053	1979	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	BP Pacific Service Station, Raglan St., Manly. 2095	49592	1978	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	BP Pacific Service Station., Raglan St., Manly 2095	25306	1976	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	BP Pacific Service Station., Raglan St., Manly. 2095	58546	1975	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	BP Pacific Service Station., Raglan St, Manly 2095	12547	1972	Road Match	0m
	MOTOR GARAGES & ENGINEERS.	Grimes Parking Stations Pty. Ltd., Raglan St Manly	32891	1962	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Grimes Parking Stations Pty Ltd Raglan St., MANLY	347285	1961	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Grimes Parking Stations Pty. Ltd., Raglan St. MANLY	347287	1961	Road Match	0m
	MOTOR SERVICE STATIONS-PETROL, Etc.	Pacific Garage (The), Raglan St., Manly	86256	1950	Road Match	0m
	MOTOR SERVICE STATIONS-PETROL, ETC.	Pacific Garage (The)., Raglan St., Manly	26678	1948-49	Road Match	0m
28	MOTOR GARAGES & ENGINEERS	Coughlan Chas. M., Whistler St Manly	48233	1964	Road Match	0m
	MOTOR GARAGES & ENGINEERS.	Coughlan Chas. M., Whistler St Manly	32889	1962	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Coughlan, Chas. M., Whistler St. MANLY	346963	1961	Road Match	0m
	MOTOR GARAGES & ENGINEERS.	Coughlan Chas. M., Whistler St Manly	19486	1959	Road Match	0m
	MOTOR GARAGE/ENGINEERS.	Coughlan, Chas. M., Whistler St., Manly	896	1958	Road Match	0m
	MOTOR GARAGE/ENGINEERS.	G. & P. Motor Service., Whistler St Manly	4193	1958	Road Match	0m
	MOTOR GARAGE/ENGINEERS.	G.P. Motor Service., Whistler St Manly	458	1958	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Coughlan, Chas. M. Whistler St., Manly	57493	1956	Road Match	0m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
28	MOTOR GARAGES &/OR ENGINEERS.	G & P Motor Service., Whistler St Manly	57079	1956	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	G. & P. Motor Service., Whistler St Manly	57724	1956	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Coughlan Chas. M., Whistler St	49115	1954	Road Match	0m
	DRY CLEANERS, PRESSERS & DYERS.	Modern Way Laundrette., Whistler St Manly	44450	1954	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Coughlan Chas. M., Whistler St Manly	39864	1953	Road Match	0m
	DRY CLEANERS, PRESSERS & DYERS.	Modern Way Laundrette., Whistler St Manly	36275	1953	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Coughlan Chas. M., Whistler St., Manly	31524	1952	Road Match	0m
	DRY CLEANERS, PRESSERS & DYERS.	Modern Way Laundrette., Whistler St Manly	27186	1952	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS	Coughlan, Chas. M., Whistler St., Manly	83633	1950	Road Match	0m
	MOTOR SERVICE STATIONS-PETROL, Etc.	Coughlan, Chas. M., Whistler St., Manly	85897	1950	Road Match	0m
	DRY CLEANERS, PRESSERS & DYERS	Modern Way Laundrette, Whistler St., Manly	35535	1950	Road Match	0m
29	MOTOR GARAGES & ENGINEERS	Chidgey, C., 21 Belgrave St. MANLY	346878	1961	Road Match	0m
	MOTOR GARAGES & ENGINEERS.	Chidgey C., 21 Belgrave St Manly	19485	1959	Road Match	0m
	MOTOR GARAGE/ENGINEERS.	Chidgey C., 21 Belgrave St Manly	831	1958	Road Match	0m
	MOTOR GARAGE/ENGINEERS.	Royal Garage., 21 Belgrave St Manly	4906	1958	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Chidgey C., 21 Belgrave St., Manly	57428	1956	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Royal Garage., 21 Belgrave St Manly	61432	1956	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Chidgey C., 21 Belgrave St Manly	49052	1954	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Royal Garage., 21 Belgrave St Manly	54048	1954	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Chidgey C., 21 Belgrave St., Manly	39809	1953	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Royal Garage., 23 Bel Grave St Manly	40630	1953	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Chidgey C., 21 Belgrave St Manly	31475	1952	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Royal Garage., 23 Bel Grave St Manly	32196	1952	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS	Chldgey, C., 21 Belgrave St., Manly	83586	1950	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS	Royal Garage, 23 Belgrave St., Manly	84327	1950	Road Match	0m
	MOTOR SERVICE STATIONS-PETROL, Etc.	Royal Garage, 23 Belgrave St., Manly	86365	1950	Road Match	0m
	DRY CLEANERS, PRESSERS & DYERS	Village Dry Cleaners, 50 Belgrave St., Manly	35814	1950	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Chidgey C., 21 Belgrave St Manly	17894	1948-49	Road Match	0m
	DRY CLEANERS, PRESSERS & DYERS.	Village Dry Cleaners., 50 Belgrave St Manly	17578	1948-49	Road Match	0m
30	MOTOR GARAGES & SERVICE STATIONS.	Caltex (I & A Gowci), 280 Pittwater Rd., Manly. 2095	18779	1993	Road Match	35m
	MOTOR GARAGES & SERVICE STATIONS.	Caltex (I & A. Gowci), 280 Pittwater Rd., Manly. 2095	11317	1990	Road Match	35m
	MOTOR GARAGE & SERVICE STATIONS.	Caltex (I & A. Gowci), 280 Pittwater Rd., Manly. 2095	64757	1989	Road Match	35m
	MOTOR GARAGES & SERVICE STATIONS.	Caltex (I & A. Gowci), 280 Pittwater Rd., Manly. 2095	53876	1988	Road Match	35m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
30	MOTOR GARAGES & SERVICE STATIONS.	Caltex, (I & A. Gowci), 280 Pittwater Rd., Manly. 2095	64346	1986	Road Match	35m
	MOTOR GARAGES & SERVICE STATIONS.	O'Bensaul, 280 Pittwater Rd., Manly. 2095	45306	1985	Road Match	35m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	O'Bensaul, 280 Pittwater Rd., Manly. 2095	33883	1984	Road Match	35m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	O'Bensaul., 280 Pittwater Rd., Manly 2095	15236	1983	Road Match	35m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	O'Bensaul, 280 Pittwater Rd., Manly. 2095.	57315	1982	Road Match	35m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	O'Bensaul., 280 Pittwater Rd., Manly 2095	3867	1981	Road Match	35m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	O'Bensaul., 280 Pittwater Rd., Manly. 2095	58611	1980	Road Match	35m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	O'Bensaul., 280 Pittwater Rd., Manly. 2095.	46117	1979	Road Match	35m
	MOTOR GARAGES &/OR ENGINEERS.	Bensaul O., 280 Pittwater Rd., Manly	12548	1972	Road Match	35m
	MOTOR GARAGES &/OR ENGINEERS.	Bensaul O., 280 Pittwater Rd., Manly	62231	1971	Road Match	35m
	MOTOR GARAGES & ENGINEERS(M6S6)	Bensaul, O., 280 Pittwater Rd., Manly	337296	1970	Road Match	35m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Freshwater Motors., Pittwater Rd Manly	50425	1969	Road Match	35m
	MOTOR GARAGES & ENGINEERS.	Golden Fleece Service Station., 280 Pittwater Rd Manly	42584	1969	Road Match	35m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Freshwater Motors., Pittwater Rd Manly	32459	1968	Road Match	35m
	MOTOR GARAGES & ENGINEERS	Golden Fleece Service Station., 280 Pittwater Rd Manly	26068	1968	Road Match	35m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Freshwater Motors., Pittwater Rd Manly	15919	1967	Road Match	35m
	MOTOR GARAGES & ENGINEERS.	Golden Fleece Service Station., 280 Pittwater Rd Manly	10566	1967	Road Match	35m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Freshwater Motors., Pittwater Rd Manly	1494	1966	Road Match	35m
	MOTOR GARAGES & ENGINEERS.	Golden Fleece Service Station., 280 Pittwater Rd Manly	60312	1966	Road Match	35m
	Motor Garages & Engineers	Golden Fleece Service Station., 280 Pittwater Rd., Manly	122959	1965	Road Match	35m
	MOTOR GARAGES & ENGINEERS	Golden Fleece Service Station., 280 Pittwater Rd Manly	48235	1964	Road Match	35m
	MOTOR GARAGES & ENGINEERS.	Parkway Service Station (Manly)., 280 Pittwater Rd Manly	32894	1962	Road Match	35m
	MOTOR GARAGES & ENGINEERS	Parkway Service Station (Manly), 280 Pittwater Rd. MANLY	347860	1961	Road Match	35m
	MOTOR GARAGES & ENGINEERS.	Parkway Service Station (Manly)., 280 Pittwater Rd Manly	19494	1959	Road Match	35m
	MOTOR SERVICE STATIONS-PETROL,. OIL, ETC.	Parkway Service Station., 280 Pittwater Rd Manly	24329	1959	Road Match	35m
	MOTOR GARAGE/ENGINEERS.	Parkway Service Station., 280 Pittwater Rd Manly	4716	1958	Road Match	35m
	MOTOR SERVICE STATIONS-PETROL, ETC.	Parkway Service Station., 280 Pittwater Rd Manly	9739	1958	Road Match	35m
	MOTOR SERVICE STATIONS-PETROL, ETC.	Parkway Service Station., 280 Pittwater Rd Manly	62089	1956	Road Match	35m
	MOTOR GARAGES &/OR ENGINEERS.	Parmal Service Station., 280 Pittwater Rd Manly	61254	1956	Road Match	35m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
30	DRY CLEANERS, PRESSERS & DYERS.	Tudor Dry Cleaners Pittwater Rd Manly	44559	1954	Road Match	35m
	DRY CLEANERS, PRESSERS & DYERS.	Tudor Dry Cleaners., Pittwater Rd Manly	36391	1953	Road Match	35m
31	DRY CLEANERS & PRESSERS.	Plaza's Automatic Laundrette., Short St., Manly. 2095	65692	1981	Road Match	40m
	DRY CLEANERS, PRESSERS / DYERS	Same Day Dry Cleaners, 6 Short St., Manly	299254	1961	Road Match	40m
	DRY CLEANERS, PRESSERS/DYERS	Same Day Dry Cleaners., 6 Short St Manly	13247	1959	Road Match	40m
32	DRY CLEANERS & PRESSERS.	Plaza's Automatic Laundrette., Sydney Rd., Manly 2095	8743	1983	Road Match	82m
	DRY CLEANERS & PRESSERS.(D8500)	Plaza's Automatic Laundrette, Sydney Rd., Manly. 2095.	24012	1982	Road Match	82m
	DRY CLEANERS, PRESSERS &/OR DYERS.	Plaza's Automatic Laundrette., Sydney Rd., Manly 2095	23764	1976	Road Match	82m
	DRY CLEANERS, PRESSERS &/OR DYERS.	Plaza's Automatic Laundrette, Sydney Rd., Manly. 2095	24288	1975	Road Match	82m
33	DRY CLEANERS, PRESSERS & DYERS	Rite-Way Dry Cleaners, 1 Central Ave., Manly	35653	1950	Road Match	86m
34	MOTOR SERVICE STATIONS-PETROL,. OIL, ETC.	Dobb's Parking & Service Station., Henrietta La Manly	24326	1959	Road Match	129m
	MOTOR SERVICE STATIONS-PETROL, ETC.	Dobb's Parking & Service Station., Henrietta Lane Manly	9494	1958	Road Match	129m
	MOTOR SERVICE STATIONS-PETROL, ETC.	Dobb's Parking & Service Station., Henrietta Lane Manly	61877	1956	Road Match	129m
35	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Esso Service Centre., Darley Rd Manly	16857	1972	Road Match	264m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Esso Service Centre., Darley Rd Manly	2322	1971	Road Match	264m
	MOTOR SERVICE STATIONS-PETROL,OIL,Etc.	Esso Service Centre., Darley Rd., Manly	341041	1970	Road Match	264m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Esso Service Centre., Darley Rd Manly	50424	1969	Road Match	264m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Esso Service Centre., Darley Rd., Manly	32458	1968	Road Match	264m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Esso Service Centre., Darley Rd Manly	15918	1967	Road Match	264m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Esso Service Centre., Darley Rd Manly	1493	1966	Road Match	264m
	MOTOR GARAGE/ENGINEERS.	South Steyne Service Station., Darley Rd Manly	4995	1958	Road Match	264m
	MOTOR GARAGES &/OR ENGINEERS.	South Steyne Service Station., Darley Rd., Manly	61517	1956	Road Match	264m
	MOTOR GARAGES &/OR ENGINEERS.	South Steyne Service Station., Darley Rd Manly	54132	1954	Road Match	264m
	MOTOR GARAGES &/OR ENGINEERS.	South Steyne Service Station., Darley Rd Manly	40708	1953	Road Match	264m
	MOTOR GARAGES &/OR ENGINEERS.	South Steyne Service Station., Darley Rd Manly	32263	1952	Road Match	264m
	MOTOR GARAGES &/OR ENGINEERS	South Steyne Service Station, Darley Rd., Manly	84394	1950	Road Match	264m
	MOTOR SERVICE STATIONS-PETROL, Etc.	South Steyne Service Station, Darley Rd., Manly	86406	1950	Road Match	264m
	MOTOR GARAGES &/OR ENGINEERS.	South Steyne Service Station., Darley Rd., Manly	22884	1948-49	Road Match	264m
	MOTOR SERVICE STATIONS-PETROL, ETC.	South Steyne Service Station., Darley Rd., Manly	26793	1948-49	Road Match	264m
36	MOTOR GARAGES &/OR ENGINEERS.	Auckland Garage., Gilbert St Manly	27463	1952	Road Match	264m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
36	MOTOR GARAGES &/OR ENGINEERS	Auckland Garage, Gilbert St., Manly	83394	1950	Road Match	264m
	MOTOR SERVICE STATIONS-PETROL, Etc.	Auckland, Gilbert St., Manly	85760	1950	Road Match	264m
	MOTOR GARAGES &/OR ENGINEERS.	Auckland Garage., Gilbert St Manly	17730	1948-49	Road Match	264m
	MOTOR SERVICE STATIONS-PETROL, ETC.	Auckland., Gilbert St Manly	23102	1948-49	Road Match	264m

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Aerial Imagery 2023

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Aerial Imagery 2020

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



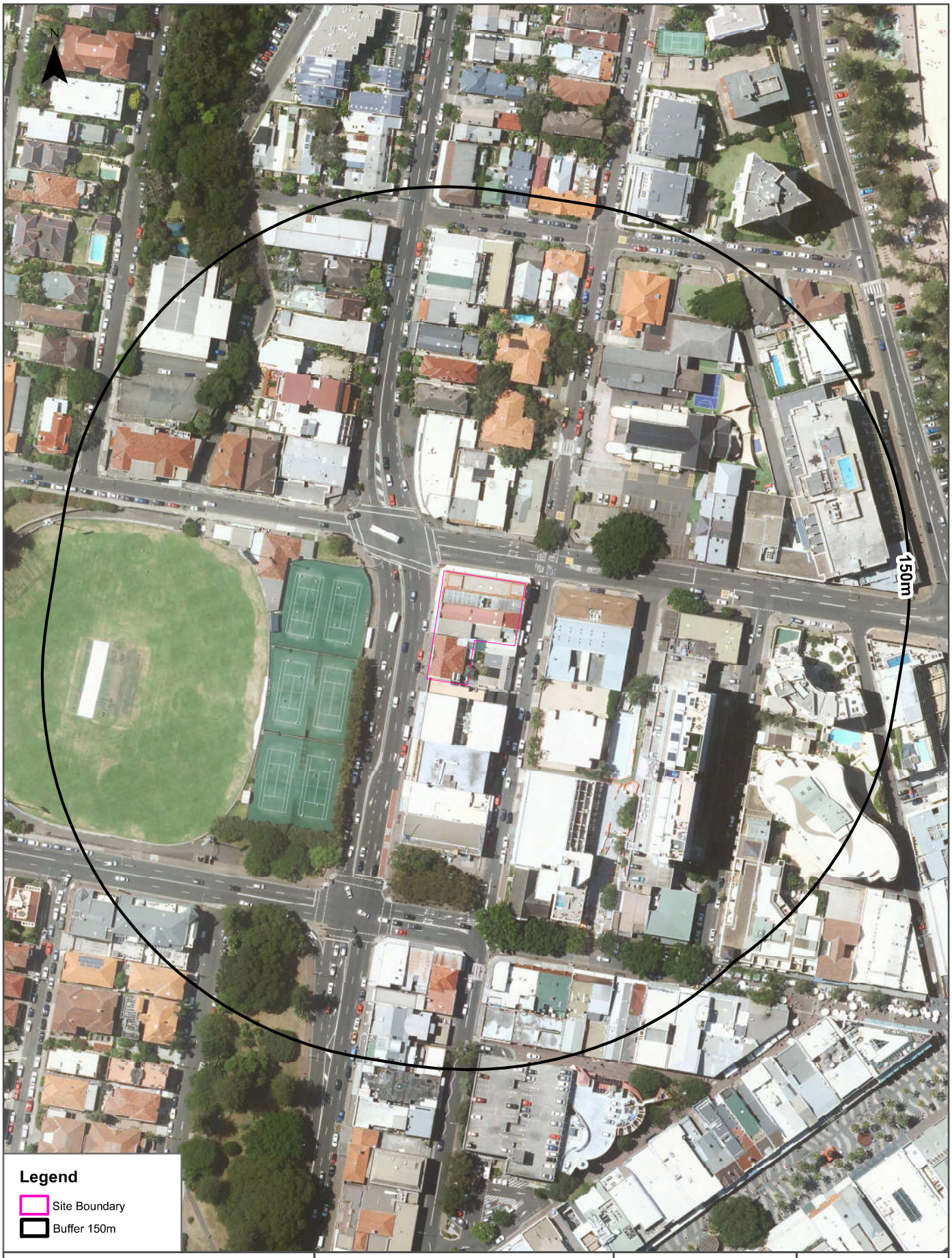
Aerial Imagery 2017

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Aerial Imagery 2014

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Aerial Imagery 2011

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Aerial Imagery 2007

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Aerial Imagery 2000

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Aerial Imagery 1994

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Aerial Imagery 1991

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Aerial Imagery 1986

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



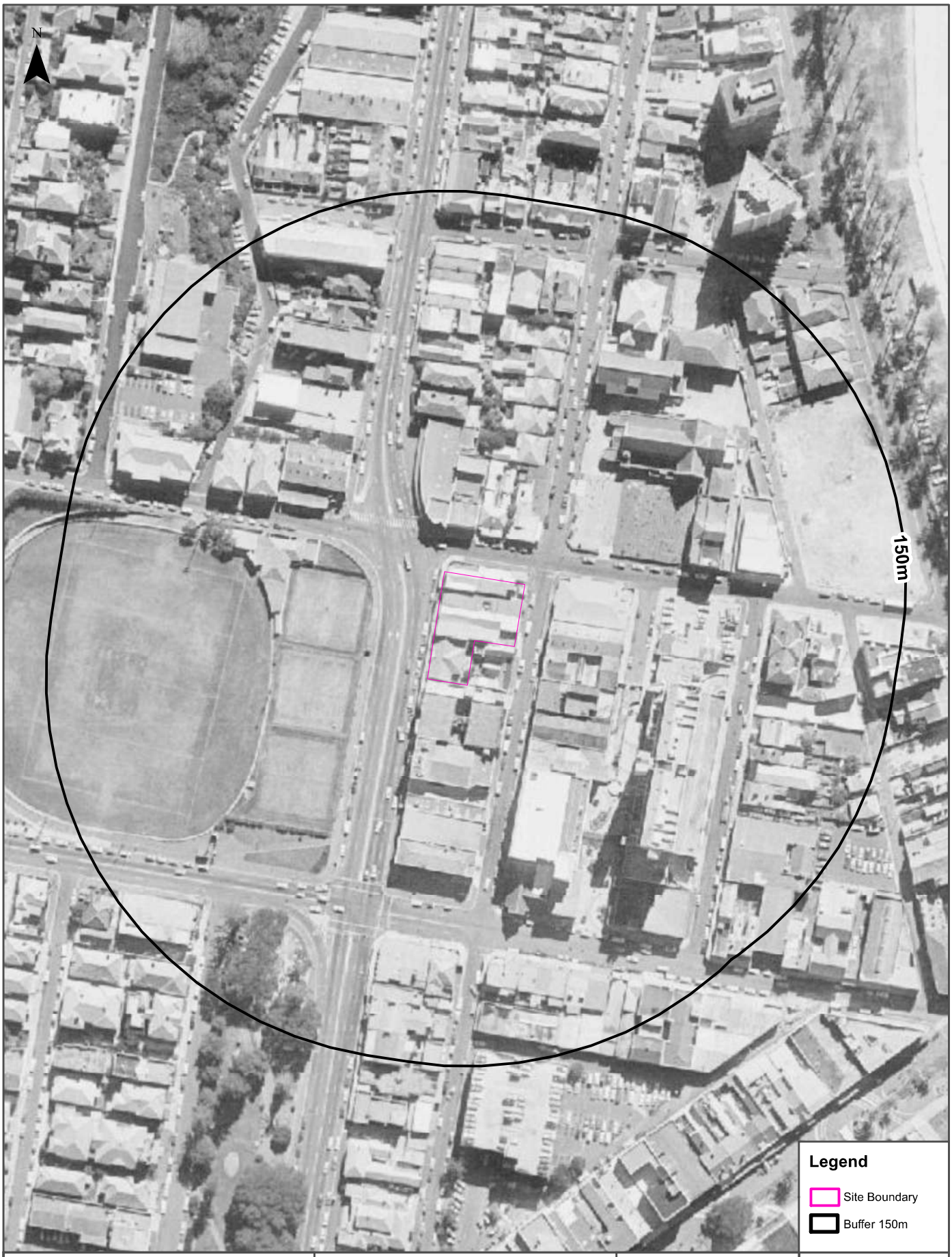
Aerial Imagery 1982

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



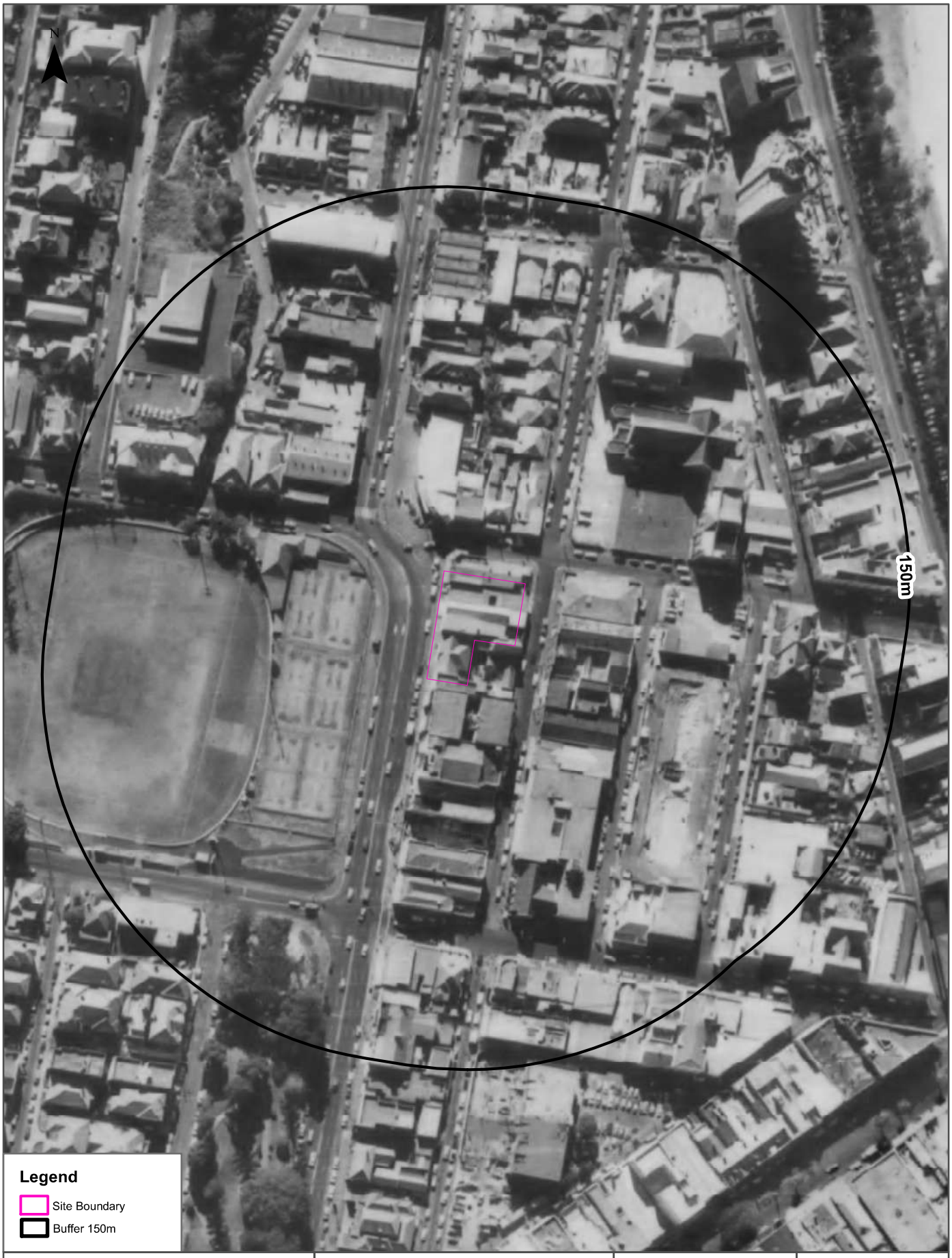
Aerial Imagery 1978

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Aerial Imagery 1970

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Aerial Imagery 1965

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Aerial Imagery 1961

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



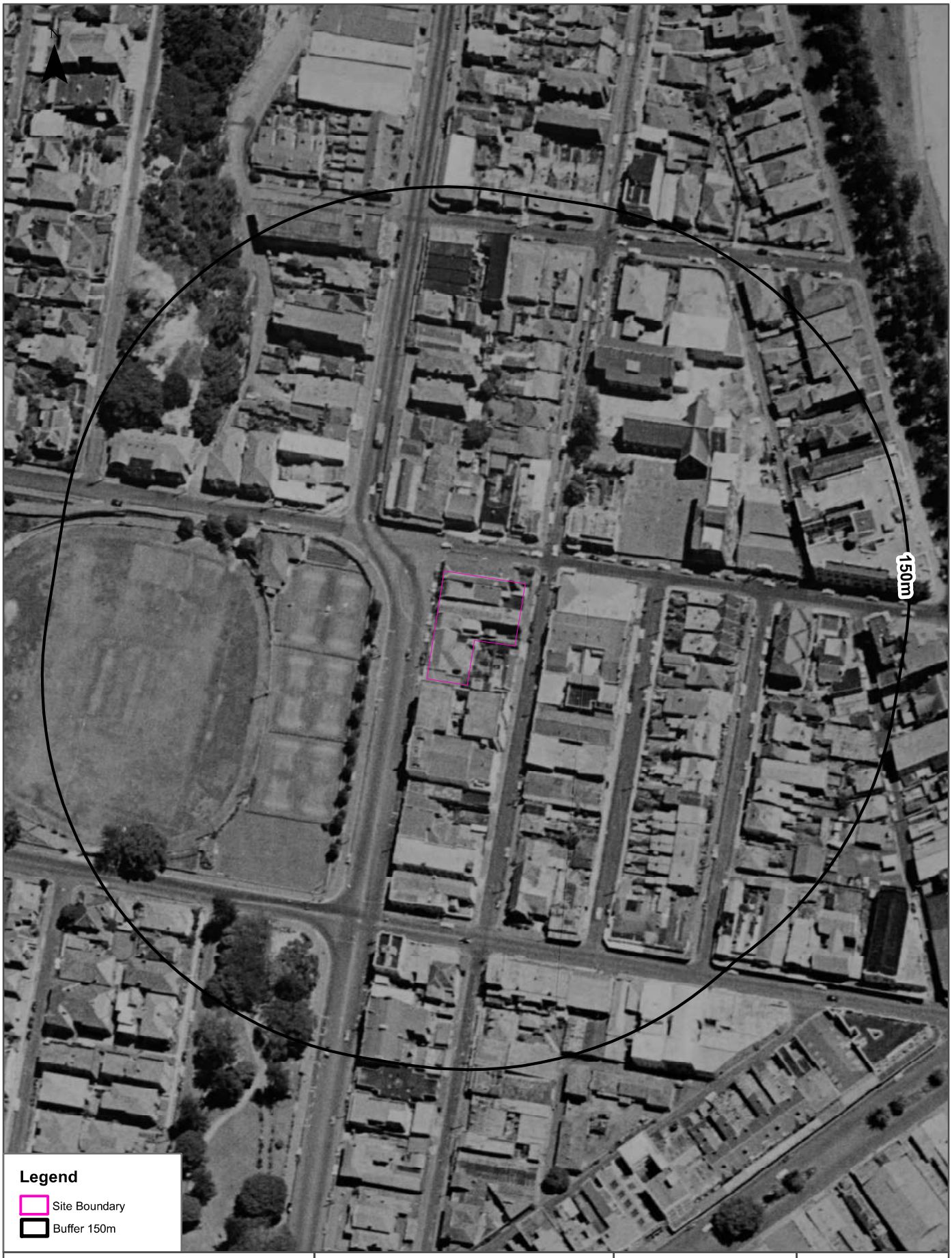
Data Sources: Aerial Imagery:
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Coordinate System:
GDA 1994 MGA Zone 56

Date: 20 April 2023

Aerial Imagery 1955, 1956

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Aerial Imagery 1951

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Aerial Imagery 1943

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Aerial Imagery 1930

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Topographic Map 2015

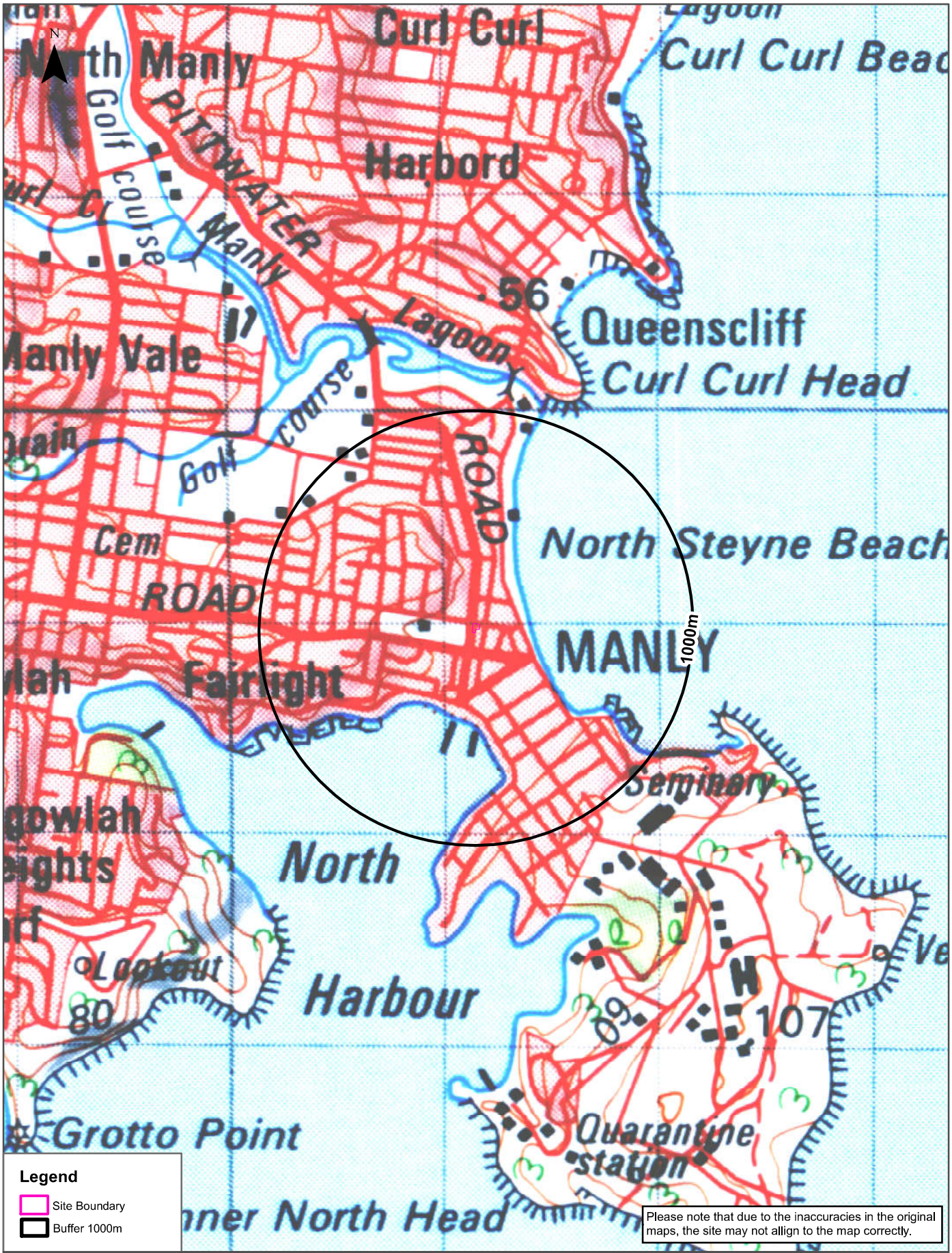
35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Scale:	Data Sources: Topographic Map Data © NSW Land and Property Information	Coordinate System: GDA 1994 MGA Zone 56	Date: 20 April 2023

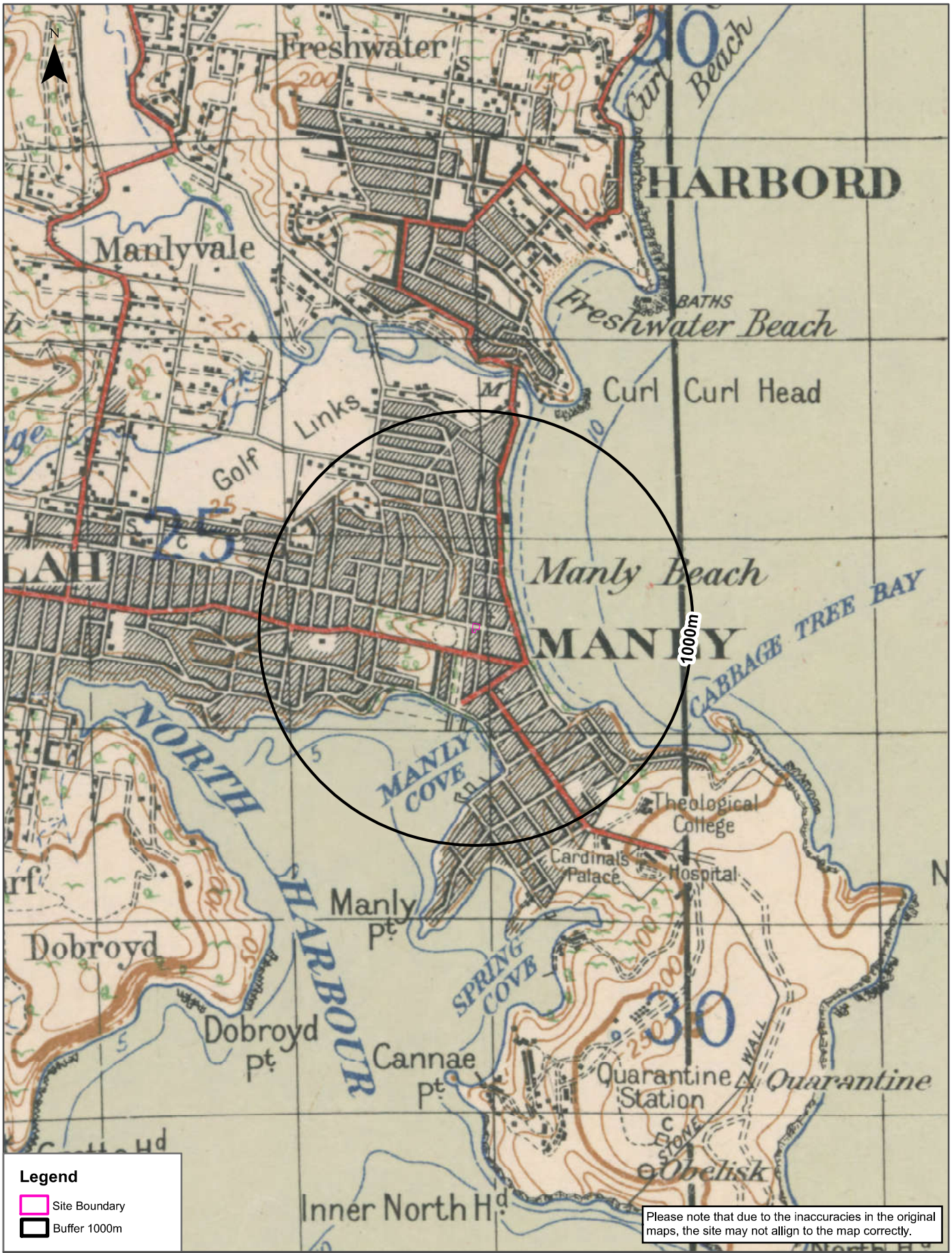
Historical Map 1975

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



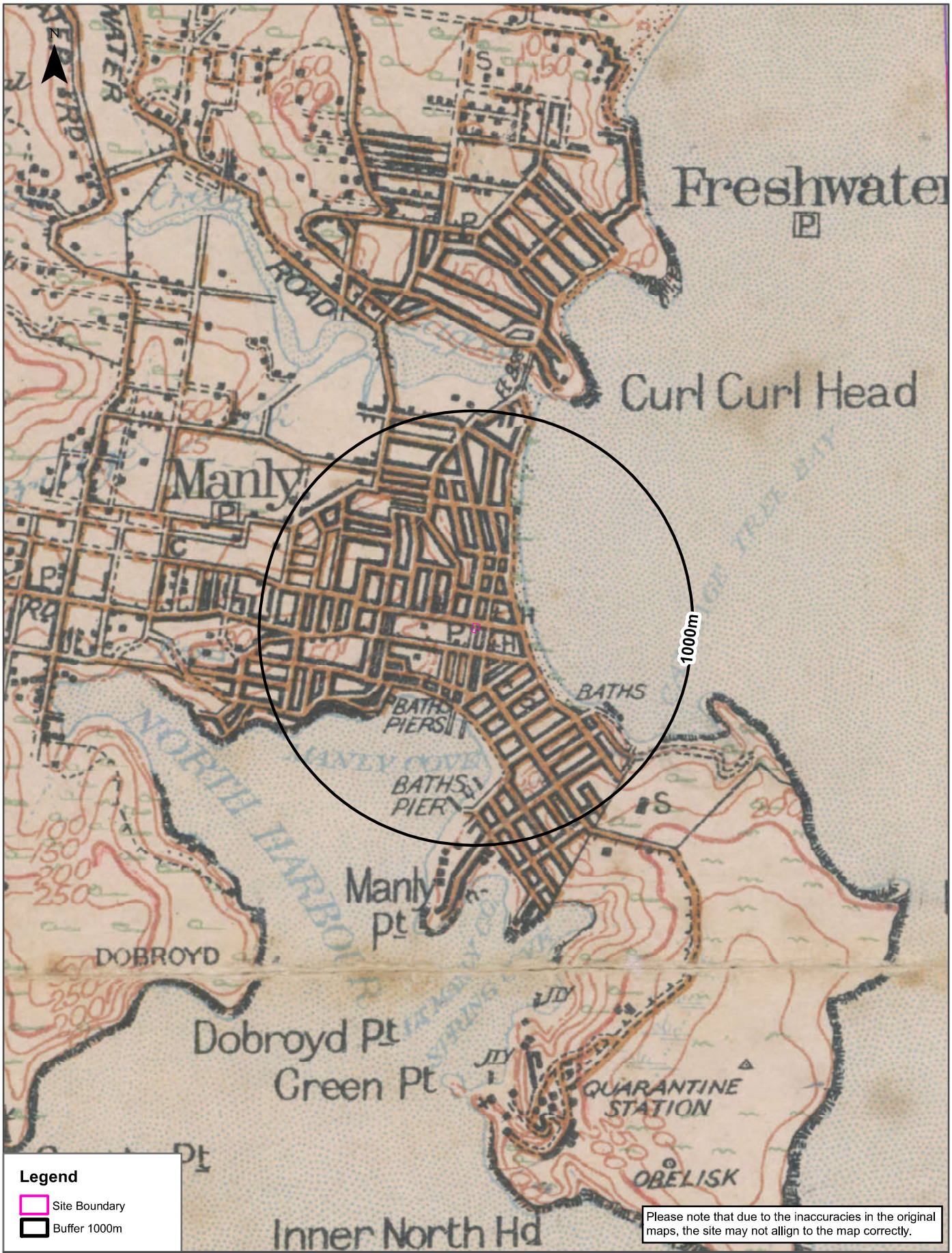
Historical Map c.1936

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Historical Map c.1917

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Scale: 0 280 560 840 1,120 Meters

Data Sources: Australia 1:63360
Produced by Australian Section Imperial General Staff

Coordinate System:
GDA 1994 MGA Zone 56

Date: 20 April 2023

Topographic Features

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Topographic Features

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

Points of Interest

What Points of Interest exist within the dataset buffer?

Map Id	Feature Type	Label	Distance	Direction
416995	Crematorium	Crematorium	32m	North East
308811	Sports Court	TENNIS COURTS	44m	South West
412695	Community Medical Centre	PITTWATER ROAD COMMUNITY HEALTH CENTRE	45m	North
314284	Community Facility	MANLY LAWN TENNIS CLUB	65m	West
286504	Place Of Worship	CATHOLIC CHURCH	74m	East
398653	Primary School	ST MARY'S CATHOLIC PRIMARY SCHOOL	80m	North East
314265	Place Of Worship	CONGREGATIONAL CHURCH	83m	South
286435	Post Office	MANLY POST OFFICE	89m	South East
314285	Club	MANLY RUGBY UNION CLUB	124m	North West
286501	Sports Field	MANLY OVAL	130m	West
412696	Community Medical Centre	MANLY EARLY CHILDHOOD CENTRE	147m	North West
406193	Library	MANLY LIBRARY	176m	South
286462	Park	GILBERT PARK	185m	South West
314264	Place Of Worship	UNITING CHURCH	210m	South West
394821	Court House	MANLY COURT HOUSE	211m	South
286432	Place Of Worship	PRESBYTERIAN CHURCH	214m	North West
416986	Art Gallery	RAGLAN GALLERY	224m	North
314263	Place Of Worship	SALVATION ARMY CHURCH	229m	North
386691	Police Station	MANLY POLICE STATION	232m	South
308813	Club	MANLY BOWLING CLUB	245m	West
392046	Club	MANLY CIVIC CLUB	251m	South West
308812	Sports Field	BOWLING GREENS	259m	West
392680	Local Government Chambers	MANLY COUNCIL	262m	South
286433	Place Of Worship	ANGLICAN CHURCH	274m	South
417002	Monument	MANLY ANZAC WAR MEMORIAL	308m	South
286399	Park	IVANHOE PARK	322m	West
286400	Park	DALLEY PARK	330m	South West
336305	Beach	MANLY BEACH	345m	South East
286460	Park	KANGAROO PARK	351m	North
407565	Transport Interchange	MANLY BUS INTERCHANGE	357m	South West
408959	Picnic Area	Picnic Area	364m	South West

Map Id	Feature Type	Label	Distance	Direction
416985	Grave	Grave	364m	North
393063	Community Facility	DRUMMOND HOUSE	375m	South East
390555	Park	IVANHOE PARK BOTANIC GARDEN	377m	West
399259	Special School	ROYAL FAR WEST SCHOOL	390m	South East
336306	Beach	NORTH STEYNE BEACH	392m	North East
393937	Tourist Information Centre	MANLY VISITOR INFORMATION CENTRE	411m	South
308808	Swimming Pool	BATHS	426m	South West
286461	Park	NORTH STEYNE PARK	430m	North
398649	Primary School	MANLY VILLAGE PUBLIC SCHOOL	436m	South East
411747	Wharf	MANLY WHARF	452m	South
308810	Art Gallery	MANLY ART GALLERY AND MUSEUM	461m	South West
411371	Wharf	Wharf	461m	South
406545	Wharf	Wharf	474m	South
411369	Wharf	Wharf	477m	South
412688	Community Medical Centre	SYDNEY ROAD COMMUNITY HEALTH CENTRE	480m	West
411372	Wharf	Wharf	483m	South
402782	Nursing Home	UNITING WESLEY HEIGHTS MANLY	496m	West
308809	Tourist Attraction	OCEANWORLD MANLY	499m	South West
411370	Wharf	Wharf	500m	South
308858	Wharf	MANLY WHARF	500m	South
425404	Historic Site	MANLY WHARF	503m	South
411367	Wharf	Wharf	509m	South
314244	Park	SOUTH STEYNE PARK	514m	South East
406546	Wharf	Wharf	520m	South West
411368	Wharf	Wharf	521m	South
391370	Tourist Attraction	MANLY WATERWORKS	527m	South West
415162	Retirement Village	WESLEY HEIGHTS MANLY	529m	West
411374	Wharf	MANLY WHARF	544m	South
411373	Wharf	MANLY WHARF	545m	South
408936	Picnic Area	Picnic Area	554m	South
286485	Community Facility	NORTH STEYNE SLSC	561m	North
308874	Community Facility	MANLY SLSC	604m	South East
337539	Headland	FEDERATION POINT	611m	South West
286398	Fire Station	MANLY FIRE STATION	731m	West
406544	Wharf	Wharf	738m	South
392044	Club	MANLY 16FT SKIFF SAILING CLUB	749m	South
286517	Wharf	Wharf	758m	South

Map Id	Feature Type	Label	Distance	Direction
406543	Wharf	Wharf	794m	South
286515	Wharf	Wharf	794m	South
425252	Wharf	SITE AND REMAINS OF BRIGHTSIDE CARGO WHARF	797m	South
425403	Historic Site	REMAINS OF MANLY PUBLIC BATHS	803m	South
408955	Picnic Area	Picnic Area	806m	North
425402	Historic Site	SITE AND REMAINS OF BRIGHTSIDE CARGO WHARF	808m	South
336142	Bay / Inlet / Basin	MANLY COVE	816m	South West
336303	Beach	FAIRY BOWER BEACH	824m	South East
336304	Beach	QUEENSCLIFF BEACH	830m	North
354269	Community Facility	WILLIAM STREET STUDIOS	843m	West
308814	Swimming Pool Facility	MANLY ANDREW BOY CHARLTON POOL	898m	North West
308796	Rock Awash	MANLY ROCK	943m	North East
407311	Embassy	CONSULATE OF COOK ISLANDS	960m	West
336309	Bay / Inlet / Basin	CABBAGE TREE BAY	963m	South East
308843	Swimming Pool	FAIRY BOWER ROCK POOL	966m	South East
286508	Sports Court	TENNIS COURTS	988m	North West
337674	Headland	KAY-YE-MY POINT	989m	South West
286396	Park	GRAHAM RESERVE	997m	North West

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Topographic Features

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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
183292035	Primary	Right of way	3 Wide	38m	South East
120116188	Primary	Undefined		169m	North
120116163	Primary	Undefined		642m	South

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

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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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Elevation Contours (m AHD)

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Hydrogeology & Groundwater

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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

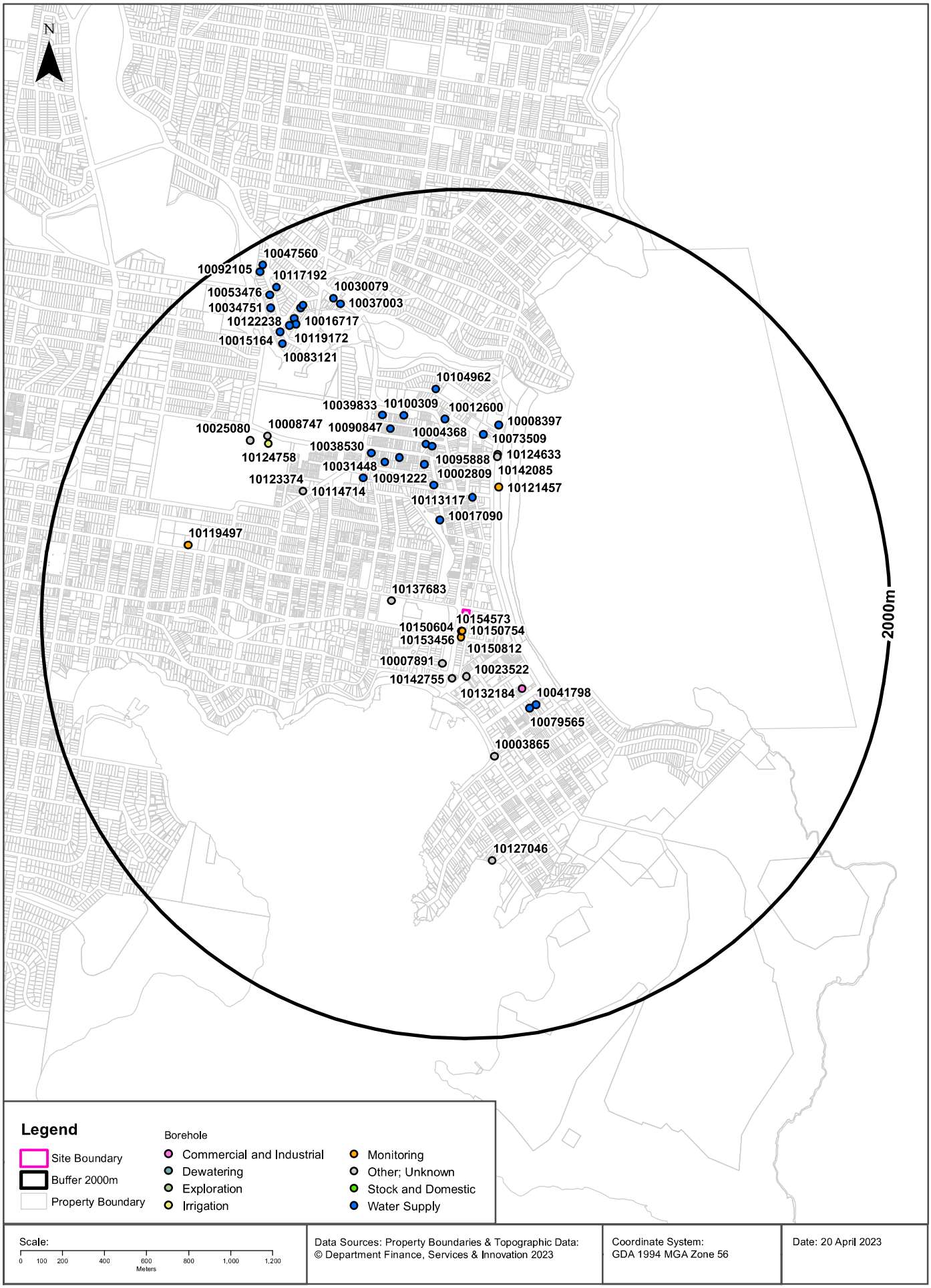
Temporary water restrictions relating to the Botany Sands aquifer within the dataset buffer:

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

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Hydrogeology & Groundwater

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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
10154573	GW116138	Monitoring	Functional	15/08/2017	13.20		AHD				61m	South
10150604	GW116139	Monitoring	Functional	14/08/2017	12.60		AHD				62m	South
10150754	GW116139	Monitoring	Functional	14/08/2017	12.60		AHD				62m	South
10153456	GW116140	Monitoring	Functional	14/08/2017	13.00		AHD				63m	South
10150812	GW116659	Monitoring	Functioning	15/08/2017	13.20		AHD				90m	South
10007891	GW110294	Other	Unknown	22/05/2009	8.00		AHD		1.000	4.00	236m	South West
10023522	GW109304	Other	Unknown	08/09/2008	8.54		AHD	Good	1.000	4.83	277m	South
10142755	GW109245	Other	Proposed	20/08/2008	11.00		AHD	140	1.000	4.80	293m	South
10137683	GW106341	Other	Unknown	14/04/2004	42.50		AHD	374	3.100	18.30	342m	West
10132184	GW102856	Commercial and Industrial	Unknown	01/01/1994	28.70		AHD	37	0.180	4.30	433m	South East
10017090	GW108919	Water Supply	Unknown	17/06/2008	6.10		AHD	250	0.900	4.00	439m	North
10079565	GW108552	Water Supply	Functioning	19/02/2007	6.00		AHD	Good	0.500	4.00	527m	South East
10041798	GW105988	Water Supply	Functioning	28/02/2004	6.00		AHD	Good	0.500	3.00	532m	South East
10113117	GW108848	Water Supply	Unknown	18/05/2007	12.00		AHD				534m	North
10121457	GW109652	Monitoring	Unknown	27/07/2008	6.00		AHD	130		2.70	603m	North
10002809	GW108941	Water Supply	Unknown	19/06/2008	10.00		AHD				607m	North
10003865	GW109306	Other	Unknown	08/09/2008	5.79		AHD	Good	1.000	5.80	671m	South
10091222	GW111691	Water Supply	Functioning	04/10/2010	9.00		AHD				713m	North
10142085	GW106339	Other	Unknown	02/04/2004	7.50		AHD	300	0.500	5.50	744m	North
10124633	GW109320	Other	Unknown	10/09/2008	7.50		AHD	300	0.500	5.50	753m	North
10130088	GW110630	Water Supply	Unknown	04/01/2010	6.25		AHD	225	0.900	2.70	784m	North West
10114714	GW110443	Water Supply	Unknown	12/03/2009	8.00		AHD				785m	North West
10095888	GW111499	Water Supply	Functioning	31/01/2011	2.50		AHD				789m	North
10031448	GW108845	Water Supply	Unknown	30/04/2007	12.00		AHD				791m	North West
10004368	GW108424	Water Supply	Unknown	04/02/2007	8.00		AHD				805m	North
10073509	GW108231	Water Supply	Functioning	18/10/2006	7.70		AHD		1.000	4.50	838m	North
10038530	GW108530	Water Supply	Functioning	23/01/2007	4.00		AHD	Good	0.500	2.00	861m	North West
10008397	GW106839	Water Supply	Functioning	05/02/2004	7.93		AHD	Good	1.000	5.49	894m	North
10012600	GW106151	Water Supply	Functioning	18/06/2004	7.00		AHD		0.500	5.00	910m	North
10090847	GW108289	Water Supply	Functioning	20/10/2006	4.00		AHD		0.500	2.00	926m	North

NGIS Bore ID	NSW Bore ID	Bore Type	Status	Drill Date	Bore Depth (m)	Reference Elevation	Height Datum	Salinity (mg/L)	Yield (L/s)	SWL (mbgl)	Distance	Direction
10123374	GW106691	Other	Unknown	23/11/2004	30.50		AHD	440	7.800	4.20	945m	North West
10100309	GW023992	Water Supply	Unknown	01/05/1966	4.20		AHD	Good			964m	North
10039833	GW025701	Water Supply	Unknown	01/12/1965	2.70		AHD				1001m	North West
10104962	GW017206	Water Supply	Functioning	01/01/1958	3.30		AHD	Good			1056m	North
10127046	GW108707	Other	Functioning	25/05/2004	4.70		AHD	128	1.000	3.20	1161m	South
10124758	GW037353	Irrigation	Unknown	01/11/1973	13.70		AHD				1216m	North West
10008747	GW107823	Other	Unknown	20/01/1977	15.20		AHD		4.500	1.80	1242m	North West
10025080	GW107822	Other	Unknown	01/01/1980			AHD				1294m	North West
10119497	GW108323	Monitoring	Unknown	13/12/2005	162.50		AHD	248	0.400	8.00	1344m	West
10083121	GW108546	Water Supply	Functioning	29/01/2007	4.00		AHD	Good	0.500	2.00	1528m	North West
10037003	GW106808	Water Supply	Functioning	08/12/2004	3.00		AHD	Good	0.500	1.00	1567m	North
10119172	GW108714	Water Supply	Functioning	30/04/2007	5.20		AHD	280	1.000	2.10	1573m	North West
10015164	GW109007	Water Supply	Unknown	09/07/2008	8.00		AHD				1582m	North West
10122238	GW111902	Water Supply	Functioning	04/09/2007	5.50		AHD	285	1.000	2.10	1583m	North West
10112795	GW108968	Water Supply	Unknown	26/06/2008	8.00		AHD				1601m	North West
10030079	GW110726	Water Supply	Unknown	06/03/2007	4.00		AHD	Good	0.500	2.00	1603m	North West
10016717	GW108909	Water Supply	Unknown	12/06/2008	5.50		AHD	280	0.800	21.00	1629m	North West
10123503	GW109644	Water Supply	Unknown	03/10/2008	5.20		AHD	249	0.900	2.40	1635m	North West
10034751	GW107190	Water Supply	Functioning	07/07/2005	6.00		AHD		0.500	2.00	1702m	North West
10053476	GW105760	Water Supply	Functioning	05/01/2004	3.66		AHD		1.000	1.52	1756m	North West
10117192	GW107619	Water Supply	Functioning	21/11/2005	6.10		AHD		1.000	2.50	1771m	North West
10092105	GW108815	Water Supply	Functioning	11/05/2007	4.00		AHD	Good	0.500	2.00	1874m	North West
10047560	GW106288	Water Supply	Functioning	02/08/2005	2.00		AHD				1894m	North West

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

Hydrogeology & Groundwater

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

Driller's Logs

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

NGIS Bore ID	Drillers Log	Distance	Direction
10007891	0.00m-0.30m TOPSOIL 0.30m-0.60m RUBBLE 0.60m-0.70m DARK SOIL 0.70m-0.80m SANDSTONE/RUBBLE 0.80m-1.80m SAND GREY 1.80m-2.90m SAND WHITE 2.90m-3.60m SOIL DARK 3.60m-3.80m SAND BROWN 3.80m-4.00m SAND YELLOW 4.00m-8.00m SAND WHITE	236m	South West
10023522	0.00m-8.54m UNCONSOLIDATED ALL SANDS	277m	South
10142755	0.00m-0.20m TOPSOIL 0.20m-1.50m SANDSTONE,RUBBLE 1.50m-3.00m SAND GREY 3.00m-9.00m SAND YELLOW 9.00m-11.00m SAND GREY	293m	South
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	342m	West
10132184	0.00m-4.20m SAND 4.20m-4.30m ROCK COFFEE 4.30m-8.40m SAND 8.40m-8.60m ROCK 8.60m-12.80m SAND 12.80m-12.90m SILT 12.90m-13.90m ROCK 13.90m-28.60m SAND 28.60m-28.70m ROCK	433m	South East
10079565	0.00m-0.30m Topsoil 0.30m-2.50m Sand, yellow 2.50m-6.00m Sand, grey	527m	South East
10041798	0.00m-0.50m topsoil 0.50m-3.00m sand, yellow with rock fill 3.00m-6.00m sand, good yellow	532m	South East
10113117	0.00m-12.00m sand	534m	North
10121457	0.00m-4.00m SAND YELLOW 4.00m-6.00m SAND HARD	603m	North
10003865	0.00m-5.79m UNCONSOLIDATED ALL SANDS	671m	South
10091222	0.00m-9.00m SAND	713m	North
10142085	0.00m-1.00m BROWN SANDY LOAM 1.00m-5.50m SAND 5.50m-7.50m SAND	744m	North
10124633	0.00m-1.00m BROWN SANDY LOAM 1.00m-5.50m SAND 5.50m-7.50m SAND	753m	North
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	784m	North West

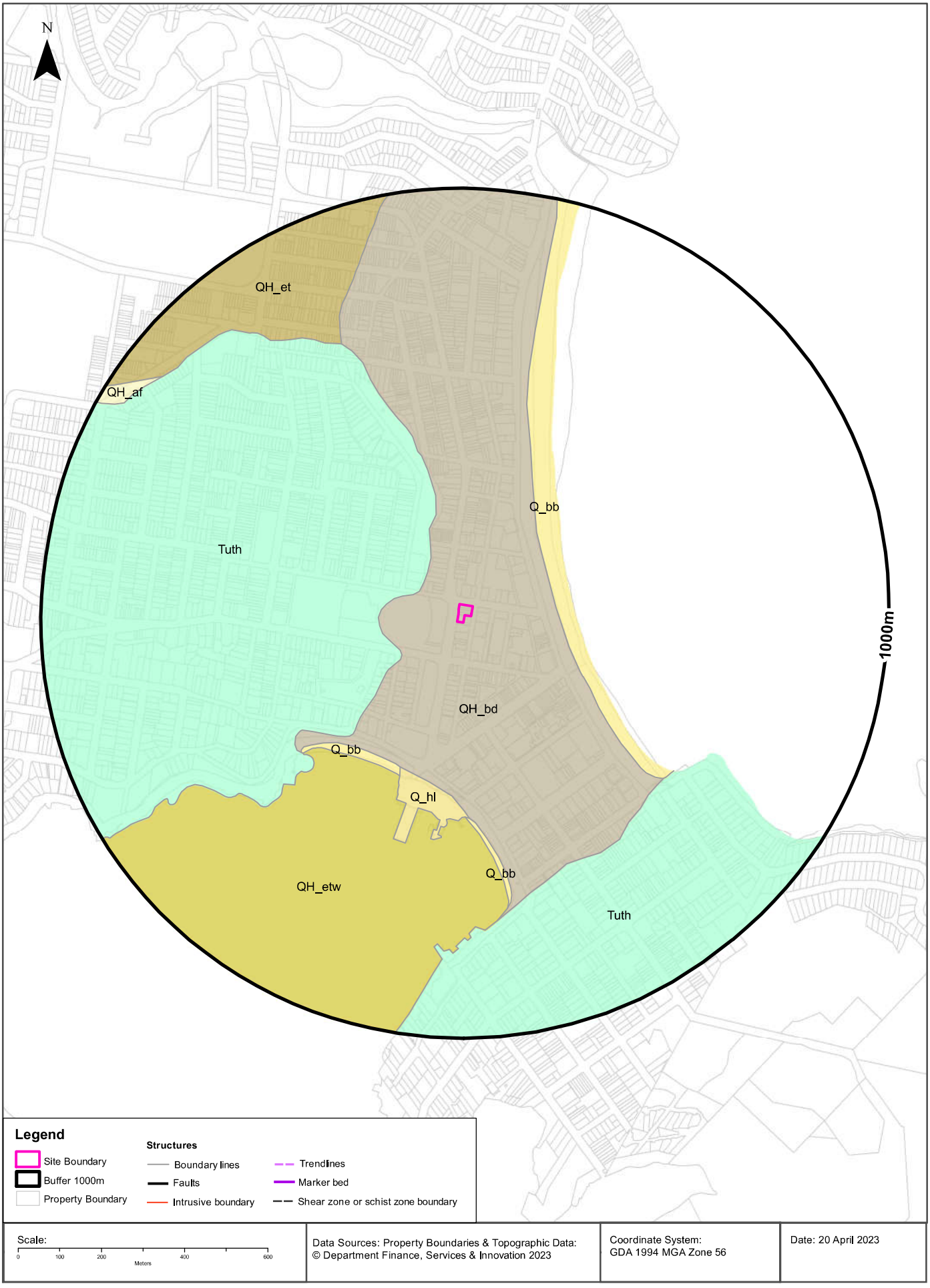
NGIS Bore ID	Drillers Log	Distance	Direction
10114714	0.00m-5.00m SAND 5.00m-8.00m CLAY	785m	North West
10031448	0.00m-12.00m sand	791m	North West
10004368	0.00m-8.00m Sand	805m	North
10073509	0.00m-1.00m topsoil 1.00m-7.70m sand, yellow	838m	North
10038530	0.00m-0.30m Topsoil 0.30m-2.50m Sand, yellow 2.50m-4.00m Sand, brown	861m	North West
10008397	0.00m-7.93m Sand, unconsolidated	894m	North
10012600	0.00m-0.30m topsoil 0.30m-5.00m sand, yellow 5.00m-7.00m sand, yellow with small shells	910m	North
10090847	0.00m-0.30m topsoil 0.30m-3.20m sand, grey 3.20m-4.00m sand, brown	926m	North
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 SANDSOTNE 27.30m-28.00m L/GREY SANDSTONE AND QUARTZ 28.00m-29.00m GREY SANDSTONE 29.00m-29.80m GREY SANDSONE COARSE GRAINED 29.80m-30.50m L/GREY SANDSTONE	945m	North West
10100309	0.00m-0.91m Sand 0.91m-2.13m Clay White 2.13m-4.26m Sand Grey Black Water Supply	964m	North
10039833	0.00m-1.82m Sand Grey 0.00m-1.82m Clay Grey 1.82m-2.74m Sand White Grey Water Supply	1001m	North West
10104962	0.00m-3.35m Sand Water Supply	1056m	North
10127046	0.00m-0.20m mud 0.20m-0.50m sand, yellw 0.50m-1.00m sand, grey 1.00m-2.10m sand, white 2.10m-3.20m sand, soil 3.20m-4.70m sand, grey	1161m	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	1216m	North West
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	1242m	North West
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	1344m	West
10083121	0.00m-0.30m Topsoil 0.30m-1.50m Sand, yellow 1.50m-4.00m Sand, grey	1528m	North West

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	1567m	North
10119172	0.00m-2.00m topsoil 2.00m-2.10m sand, grey 2.10m-5.20m sand, grey and shells	1573m	North West
10122238	0.00m-0.20m TOPSOIL 0.20m-2.10m SAND GREY 2.10m-5.50m SAND GREY / SHELLS	1583m	North West
10030079	0.00m-2.00m SAND YELLOW 2.00m-4.00m SAND LIGHT BROWN	1603m	North 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	1635m	North West
10034751	0.00m-6.00m sand	1702m	North West
10053476	0.00m-3.66m sand, fine unconsolidated	1756m	North West
10117192	0.00m-6.10m sand	1771m	North West
10092105	0.00m-0.30m topsoil' 0.30m-2.20m sand, brown 2.20m-4.00m sand, grey	1874m	North 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

Geology

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Geology

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

Geological Units

What are the Geological Units within the dataset buffer?

Unit Code	Unit Name	Description	Unit Stratigraphy	Age	Dominant Lithology	Distance
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	0m
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	101m
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	192m
Q_hl	Anthropogenic breakwaters, embankments and artificial levees	Large concrete blocks and/or very large quarried boulders; unconsolidated conglomerate of either quarried or local cobbles to boulders with a clay to sandy matrix; sporadic sandy loam capping layers.	/Anthropogenic deposits//Anthropogenic breakwaters, embankments and artificial levees//	Quaternary (base) to Now (top)	Anthropogenic material	375m
QH_etw	Estuarine tidal delta flat (subaqueous)	Fine- to medium-grained lithic-carbonate-quartz sand (marine-deposited), silt, clay, shell material, polymictic gravel.	/Estuarine deposits//Estuarine tidal-delta flat/Estuarine tidal delta flat (subaqueous)/	Holocene (base) to Now (top)	Clastic sediment	392m
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	688m
QH_af	Alluvial floodplain deposits	Silt, very fine- to medium-grained lithic to quartz-rich sand, clay.	/Alluvium//Alluvial floodplain deposits//	Holocene (base) to Now (top)	Clastic sediment	900m

Linear Geological Structures

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

Map ID	Feature Description	Map Sheet Name	Distance
No Features			

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

Map ID	Boundary Type	Description	Map Sheet Name	Distance
No Features				

Geological Data Source: Statewide Seamless Geology v2.1, Department of Regional NSW
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Naturally Occurring Asbestos Potential

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

Naturally Occurring Asbestos Potential

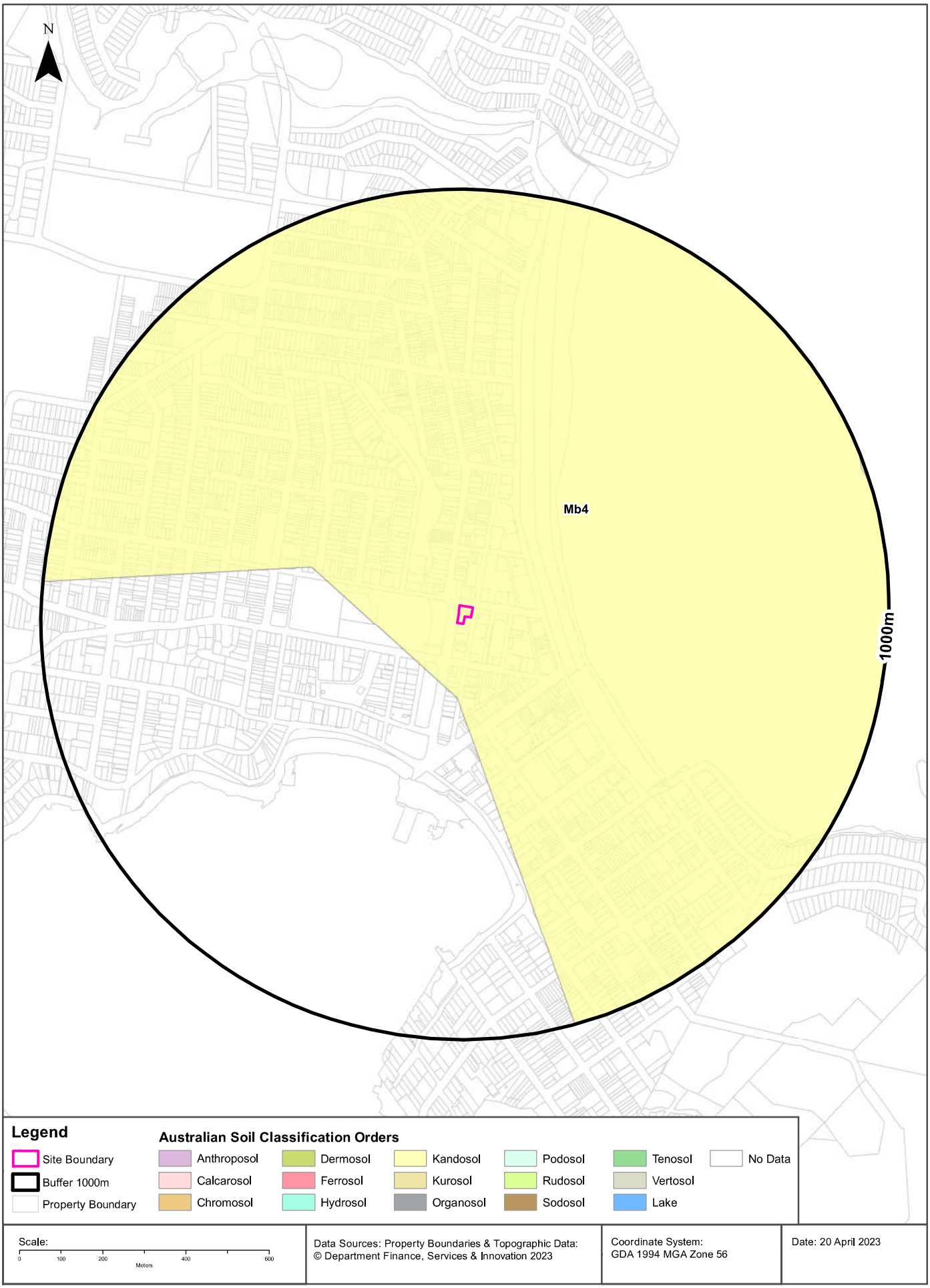
Naturally Occurring Asbestos Potential within the dataset buffer:

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

Atlas of Australian Soils

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Soils

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

Atlas of Australian Soils

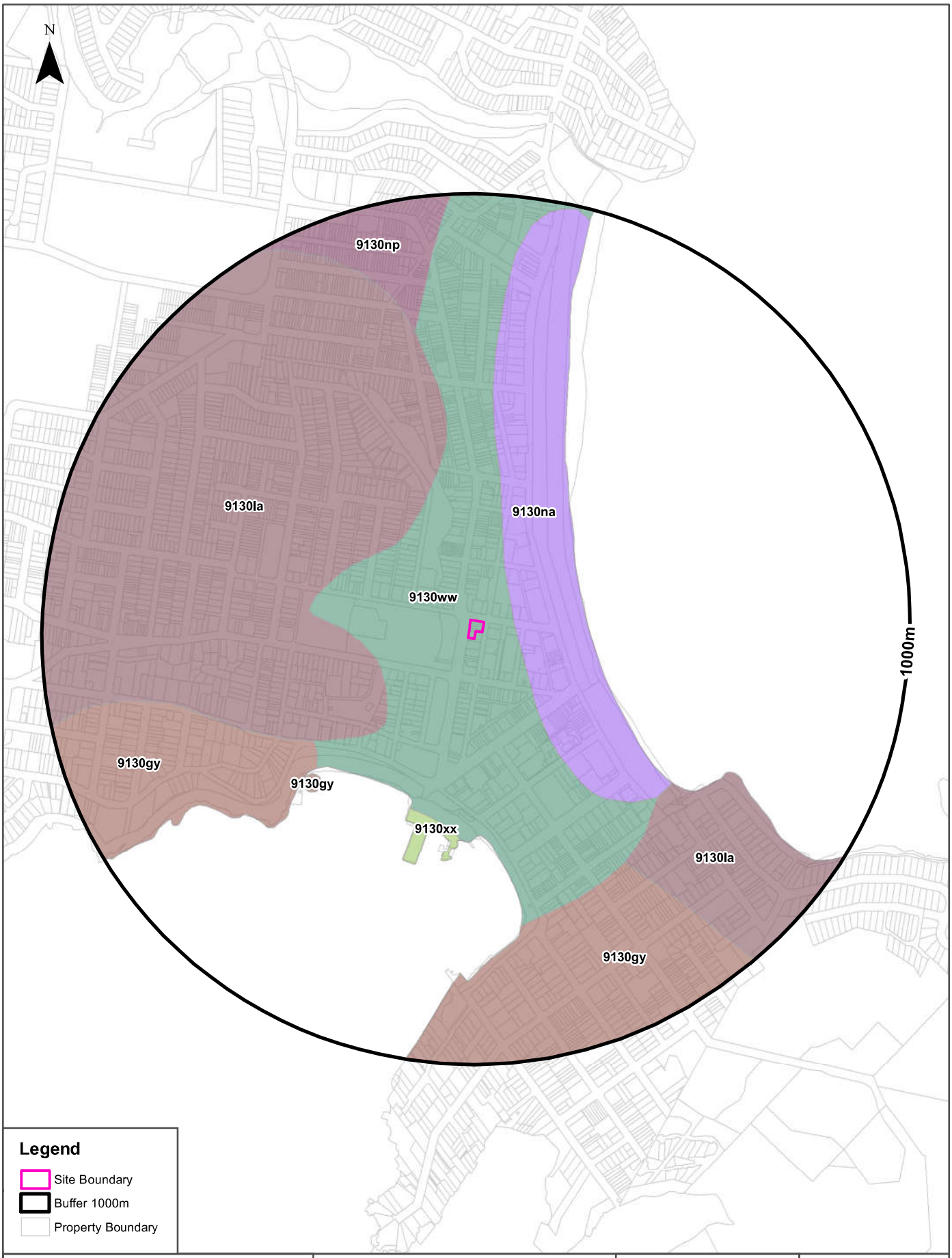
Soil mapping units and Australian Soil Classification orders within the dataset buffer:

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

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Soils

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

Soil Landscapes of Central and Eastern NSW

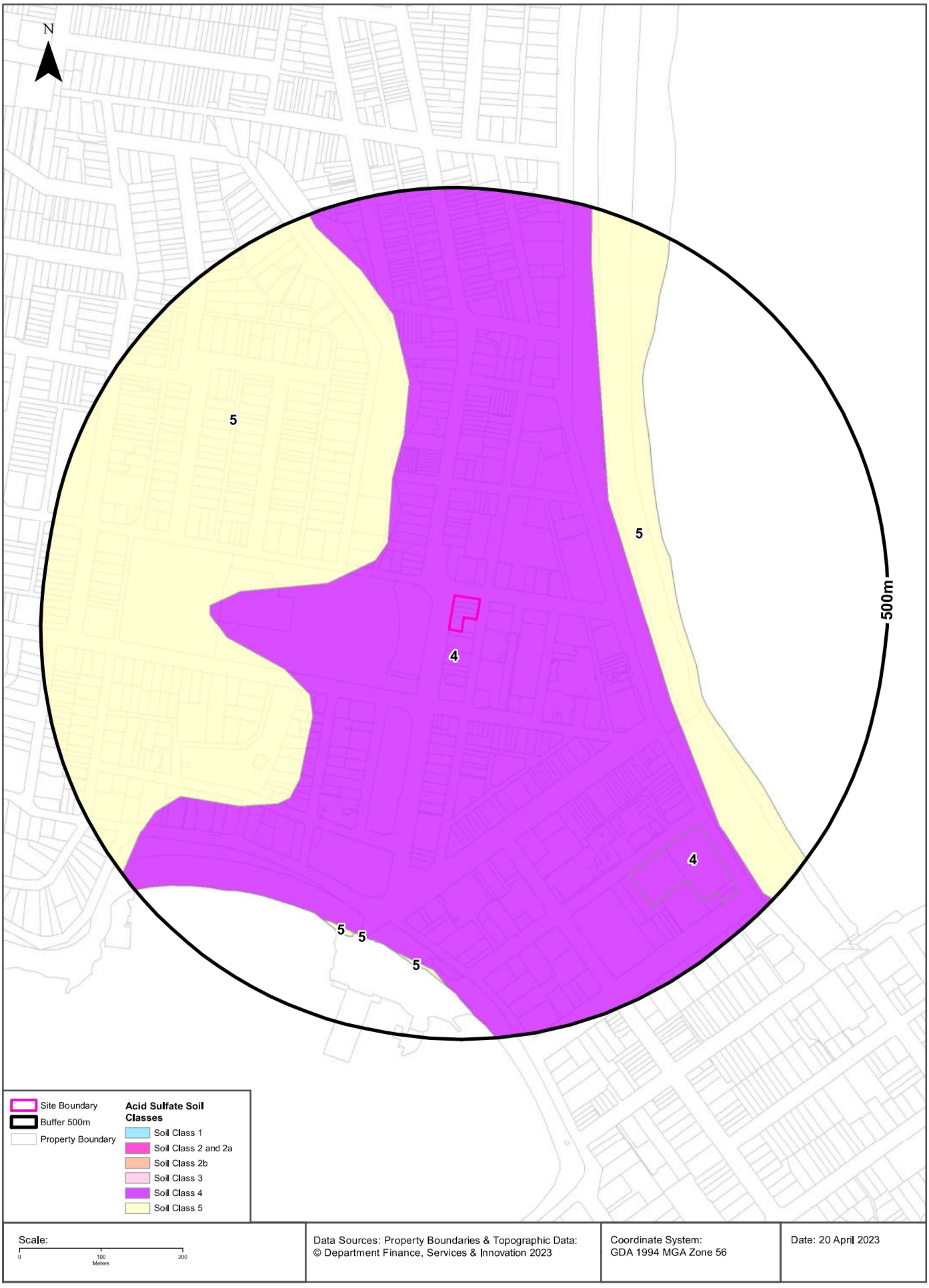
Soil Landscapes of Central and Eastern NSW within the dataset buffer:

Soil Code	Name	Distance	Direction
9130ww	Woy Woy	0m	On-site
9130na	Narrabeen	68m	North East
9130la	Lambert	216m	North West
9130xx	Disturbed Terrain	422m	South
9130gy	Gymea	434m	South West
9130np	Newport	688m	North

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

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Acid Sulfate Soils

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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
4	Works more than 2 metres below natural ground surface present an environmental risk; Works by which the watertable is likely to be lowered more than 2 metres below natural ground surface, present an environmental risk	Manly Local Environmental Plan 2013

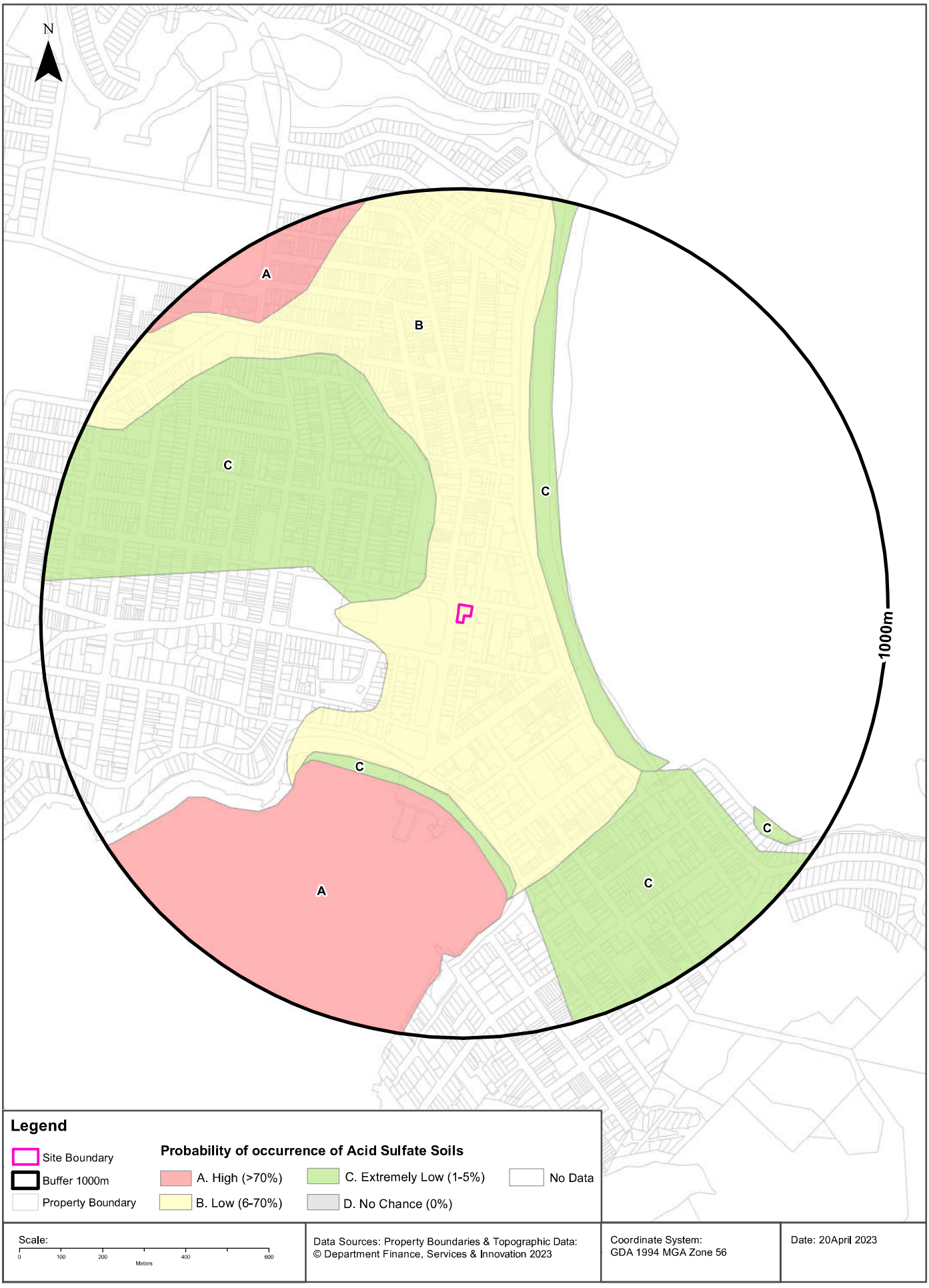
If the on-site Soil Class is 5, what other soil classes exist within 500m?

Soil Class	Description	EPI Name	Distance	Direction
N/A				

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Atlas of Australian Acid Sulfate Soils

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Acid Sulfate Soils

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

Atlas of Australian Acid Sulfate Soils

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

Class	Description	Distance	Direction
B	Low Probability of occurrence. 6-70% chance of occurrence.	0m	On-site
C	Extremely low probability of occurrence. 1-5% chance of occurrence with occurrences in small localised areas.	186m	North East
A	High Probability of occurrence. >70% chance of occurrence.	415m	South West

Atlas of Australian Acid Sulfate Soils Data Source: CSIRO
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Dryland Salinity

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

Mining Subsidence Districts

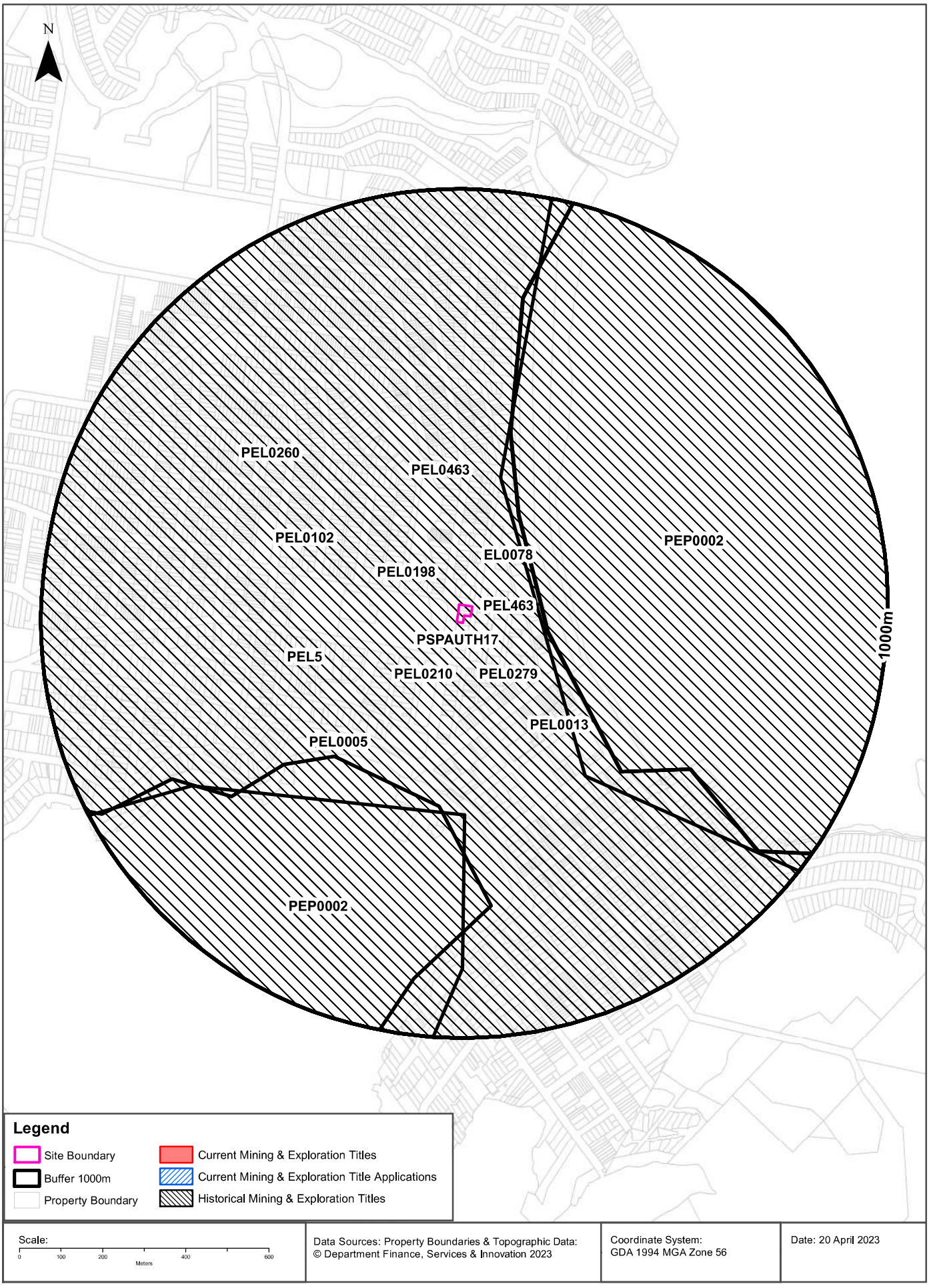
Mining Subsidence Districts within the dataset buffer:

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

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Mining

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

Historical Mining & Exploration Titles

Historical Mining & Exploration Titles within the dataset buffer:

Title Ref	Holder	Start Date	End Date	Resource	Minerals	Dist	Dir
PEL463	DART ENERGY (APOLLO) PTY LTD	20081022	20130227	MINERALS		0m	On-site
PEL0013	AUSTRALIAN OIL AND GAS CORPORATION 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
PEL0005	AGL UPSTREAM INVESTMENTS PTY LIMITED	19931111	20150403	PETROLEUM	Petroleum	0m	On-site
PEL5	AGL UPSTREAM INVESTMENTS PTY LIMITED	19931111	20011210	MINERALS		0m	On-site
PEL0210	THE AUSTRALIAN GAS LIGHT COMPANY (AGL), NORTH BULLI COLLIERIES PTY LTD			PETROLEUM	Petroleum	0m	On-site
PEL0279	THE ELECTRICITY COMMISSION OF NSW (TRADING AS PACIFIC POWER)	19910504	19931111	PETROLEUM	Petroleum	0m	On-site
PEL0102	AUSTRALIAN OIL AND GAS CORPORATION LTD			PETROLEUM	Petroleum	0m	On-site
PEL0198	JOHN STREVENS (TERRIGAL) NL			PETROLEUM	Petroleum	0m	On-site
EL0078	CONTINENTAL OIL CO OF AUSTRALIA LIMITED	19670201	19680201	MINERALS		0m	On-site
PSPAUTH17	MACQUARIE ENERGY PTY LTD	20070803	20080703	PETROLEUM	Petroleum	0m	On-site
PEL0463	DART ENERGY (APOLLO) PTY LTD	20091010	20150603	PETROLEUM	Petroleum	0m	On-site
PEP0002	LASKAN MINERALS LTD			PETROLEUM	Petroleum	150m	East

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

State Environmental Planning Policy

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

State Significant Precincts

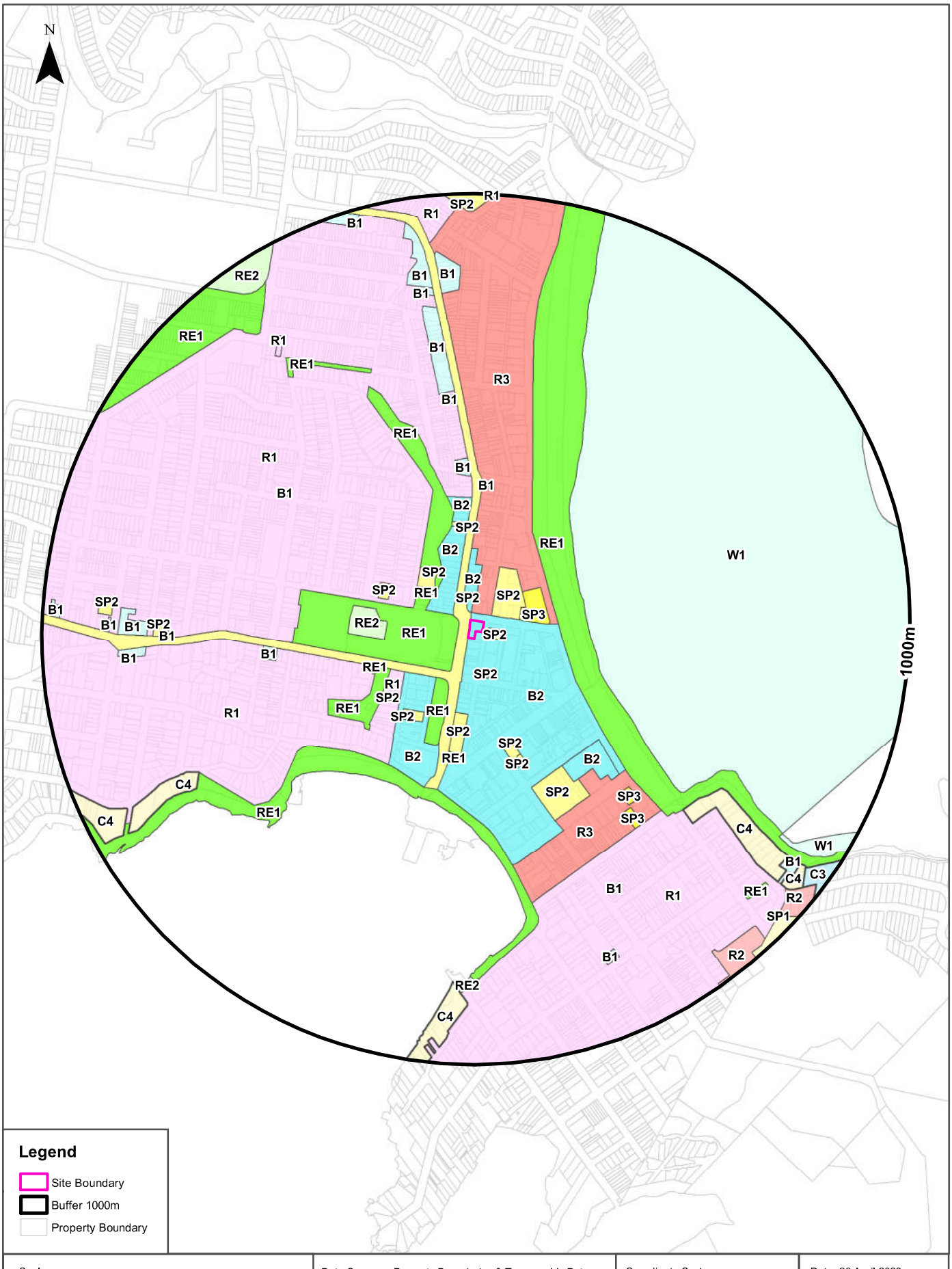
What SEPP State Significant Precincts exist within the dataset buffer?

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

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EPI Planning Zones

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Environmental Planning Instrument

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		0m	On-site
SP2	Infrastructure	Classified Road	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		0m	North
SP2	Infrastructure	Electricity Supply	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		12m	East
B2	Local Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		18m	North
R3	Medium Density Residential		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		18m	North
SP2	Infrastructure	Educational Establishment	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		22m	North East
RE1	Public Recreation		Manly Local Environmental Plan 2013	02/11/2018	02/11/2018	05/08/2022	Amendment No 14	25m	West
B2	Local Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		42m	North West
SP2	Infrastructure	Place of Public Worship	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		72m	South
SP3	Tourist		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		82m	East
RE1	Public Recreation		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		105m	North
RE1	Public Recreation		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		107m	North West
SP2	Infrastructure	Community Facility	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		111m	North West
RE1	Public Recreation		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		112m	South West
B2	Local Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		119m	South West
R1	General Residential		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		138m	North West
RE1	Public Recreation		Manly Local Environmental Plan 2013	05/08/2022	05/08/2022	05/08/2022	Map Amendment No 1	166m	North East
R1	General Residential		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		170m	South West
SP2	Infrastructure	Public Administration Building	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		177m	South
RE2	Private Recreation		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		193m	West
RE1	Public Recreation		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		195m	South West
SP2	Infrastructure	Place of Public Worship	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		200m	West
SP2	Infrastructure	Place of Public Worship	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		202m	South West
SP2	Infrastructure	Sewerage System	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		209m	South West
R1	General Residential		Manly Local Environmental Plan 2013	02/11/2018	02/11/2018	05/08/2022	Amendment No 14	216m	West
SP2	Infrastructure	Place of Public Worship	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		217m	North
RE1	Public Recreation		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		223m	South West
B2	Local Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		226m	North

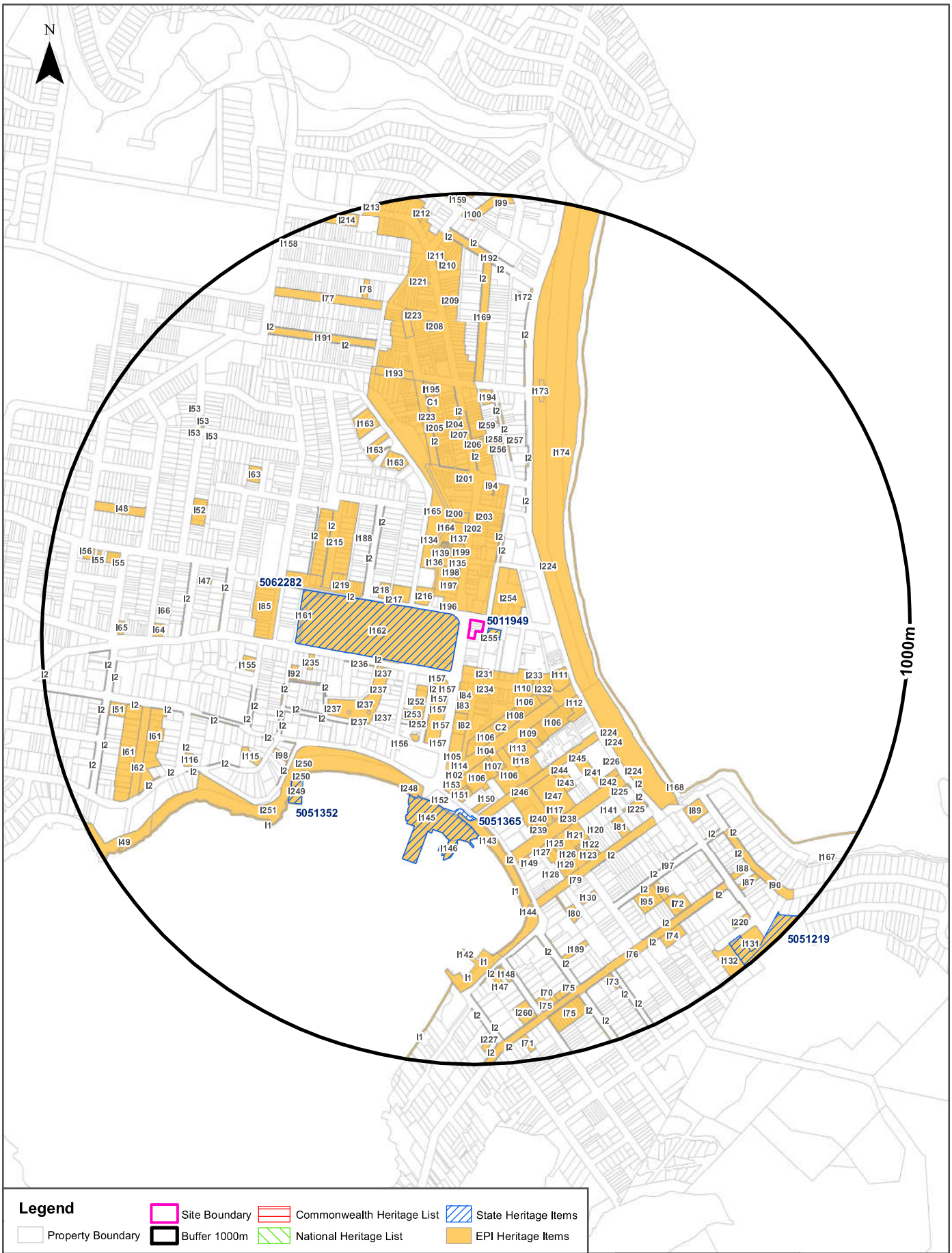
Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
W1	Natural Waterways		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		235m	East
SP2	Infrastructure	Place of Public Worship	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		256m	South
RE1	Public Recreation		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		270m	South
SP2	Infrastructure	Childcare Centre	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		291m	South
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		308m	North
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		337m	North
RE1	Public Recreation		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		351m	South West
SP2	Infrastructure	Educational Establishment	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		361m	South East
B2	Local Centre		Manly Local Environmental Plan 2013	12/09/2014	12/09/2014	05/08/2022	Amendment No 3	361m	South East
R3	Medium Density Residential		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		409m	South East
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		448m	West
SP3	Tourist		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		496m	South East
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		510m	North
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		513m	North West
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		535m	North
SP3	Tourist		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		536m	South East
R1	General Residential		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		581m	South East
RE1	Public Recreation		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		625m	North West
C4	Environmental Living		Manly Local Environmental Plan 2013	05/11/2021	01/12/2021	05/08/2022	Standard Instrument (Local Environmental Plans) Amendment (Land Use Zones) Order 2021	627m	South East
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		665m	South East
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		701m	West
C4	Environmental Living		Manly Local Environmental Plan 2013	05/11/2021	01/12/2021	05/08/2022	Standard Instrument (Local Environmental Plans) Amendment (Land Use Zones) Order 2021	705m	South West
SP2	Infrastructure	Emergency Services Facility	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		712m	West
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		750m	West
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		755m	West
R1	General Residential	General Residential	Manly Local Environmental Plan 2013	02/05/2014	02/05/2014	05/08/2022	Amendment No 2	762m	North West
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		767m	North
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		770m	North

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		781m	North
RE2	Private Recreation		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		792m	South
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		797m	South
C4	Environmental Living		Manly Local Environmental Plan 2013	05/11/2021	01/12/2021	05/08/2022	Standard Instrument (Local Environmental Plans) Amendment (Land Use Zones) Order 2021	806m	South
RE1	Public Recreation		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		835m	North West
SP2	Infrastructure	Place of Public Worship	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		836m	West
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		838m	West
W1	Natural Waterways		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		844m	South East
RE1	Public Recreation		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		874m	South East
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		885m	South East
R1	General Residential		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		891m	North
C4	Environmental Living		Manly Local Environmental Plan 2013	05/11/2021	01/12/2021	05/08/2022	Standard Instrument (Local Environmental Plans) Amendment (Land Use Zones) Order 2021	893m	South West
C4	Environmental Living		Manly Local Environmental Plan 2013	05/08/2022	05/08/2022	05/08/2022	Map Amendment No 1	913m	South East
R2	Low Density Residential		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		920m	South East
RE2	Private Recreation		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		922m	North West
R2	Low Density Residential		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		929m	South East
C3	Environmental Management		Manly Local Environmental Plan 2013	05/11/2021	01/12/2021	05/08/2022	Standard Instrument (Local Environmental Plans) Amendment (Land Use Zones) Order 2021	938m	South East
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		956m	West
SP1	Special Activities	Educational Establishment	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		959m	South East
B1	Neighbourhood Centre		Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		960m	North
SP2	Infrastructure	Educational Establishment	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	05/08/2022		960m	North

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Heritage Items

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Heritage

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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
5011949	Substation	34a-36 Whistler Street Manly	NORTHERN BEACHES	02/04/1999	00938	3080	12m	East
5062282	Ivanhoe Park (including Manly Oval) cultural landscape	Sydney Road, Manly	NORTHERN BEACHES	23/08/2019	02029	3225	25m	West
5051365	Manly wharf	West Esplanade, Manly	NORTHERN BEACHES	18/04/2000	01434	2273	389m	South
5051352	Manly Cove Pavilion	West Esplanade, Manly	NORTHERN BEACHES	18/04/2000	01433	2244	500m	South West
5051219	St Patricks Estate	151 Darley Road Manly	NORTHERN BEACHES	21/01/2011	01724	1972	932m	South East

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
I255	Electricity substation No 15009	Item - General	State	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	12m	East
C1	The Pittwater Road Conservation Area	Conservation Area - General	Local	Manly Local Environmental Plan 2013	09/10/2015	09/10/2015	02/11/2018	18m	North
I254	St Mary's Church, presbytery and school	Item - General	Local	Manly Local Environmental Plan 2013	12/09/2014	12/09/2014	02/11/2018	22m	North East
I162	Ivanhoe Park	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	25m	West
I196	Baby health care centre building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	48m	North West
C2	Town Centre Conservation Area	Conservation Area - General	Local	Manly Local Environmental Plan 2013	09/10/2015	09/10/2015	02/11/2018	66m	South
I231	Congregational Church	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	72m	South
I197	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	79m	North West
I198	Pair of houses	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	100m	North West
I216	Memorial Club	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	106m	North West
I234	Group of 5 commercial buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	109m	South
I164	Natural escarpment	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	111m	North
I157	Gilbert Park	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	112m	South West
I157	Gilbert Park	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	114m	South West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	118m	South West
I157	Gilbert Park	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	124m	South West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	127m	West
I84	Commercial and residential building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	128m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	141m	North
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	143m	North
I252	Residential flat buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	148m	South West
I199	Group of commercial and residential buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	148m	North
I233	Commercial and residential building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	150m	South East
I217	St Andrew's Hall and manse	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	151m	North West

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I157	Gilbert Park	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	152m	South West
I83	Commercial and residential building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	153m	South
I134	Row house	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	157m	North
I135	Row house	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	160m	North
I136	Row house	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	161m	North
I137	Row house	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	163m	North
I138	Row house	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	165m	North
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	166m	North East
I139	Row house	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	167m	North West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	168m	West
I140	Row house	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	169m	North West
I82	Civic buildings, Council Town Hall Administration building, police station and court house	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	177m	South
I232	Commercial and residential building (street facade only)	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	183m	South East
I111	Hotel Steyne	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	184m	South East
I157	Gilbert Park	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	185m	South West
I106	Group of commercial buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	186m	South East
I108	Group of commercial buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	187m	South East
I110	New Brighton Hotel	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	189m	South East
I106	Group of commercial buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	189m	South
I237	Reserve Park	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	195m	South West
I224	Public shelters	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	196m	North East
I218	St Andrew's Presbyterian Church	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	200m	West
I253	Uniting Church	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	202m	South West

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I157	Gilbert Park	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	209m	South
I237	Reserve Park	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	211m	South West
I104	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	217m	South
I252	Residential flat buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	224m	South West
I200	Salvation Army, private hotel	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	226m	North
I236	Dalley's Castle stone wall remnants	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	229m	West
I168	Ocean foreshores	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	233m	East
I202	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	234m	North
I237	Reserve Park	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	238m	South West
I203	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	240m	North
I106	Group of commercial buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	246m	South East
I109	Group of commercial buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	246m	South East
I157	Gilbert Park	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	251m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	254m	North West
I156	Auckland Garage building (former service station)	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	255m	South West
I113	St. Matthew's Church and church hall	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	256m	South
I112	Group of 4 commercial buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	256m	South East
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	259m	North West
I219	Group of houses	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	261m	West
I165	Kangaroo sculpture	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	266m	North
I106	Group of commercial buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	271m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	274m	North
I105	Unnamed triangular park	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	276m	South
I107	Commercial building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	280m	South

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I106	Group of commercial buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	283m	South
I237	Reserve Park	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	287m	South West
I118	St. Matthew's Anglican Rectory	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	292m	South
I94	Residential flat building, 'Kylemore'	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	297m	North
I114	Cast iron letter box	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	297m	South
I188	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	298m	North West
I119	Commercial and residential building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	302m	South
I103	Monument, war memorial (cenotaph)	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	306m	South
I215	Group of houses	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	308m	North West
I102	2 cast iron pedestals (former street lights)	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	320m	South
I201	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	323m	North
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	325m	South West
I237	Reserve Park	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	325m	South West
I246	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	344m	South East
I152	Commercial and residential building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	345m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	345m	North
I153	Commercial and residential building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	345m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	349m	North
I161	The Ivanhoe Loop (former tram track route)	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	350m	West
I151	Terrace building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	350m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	350m	West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	351m	North
I251	Park	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	351m	South West
I237	Reserve Park	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	355m	South West

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	356m	South West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	357m	North West
I243	1920s school building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	361m	South East
I245	The Drummond far West Home	Item - General	Local	Manly Local Environmental Plan 2013	24/09/2015	24/09/2015	02/11/2018	361m	South East
I244	Former School of Arts	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	361m	South East
I235	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	362m	West
I247	Manly Village Public School	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	362m	South East
I223	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	370m	North
I224	Public shelters	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	373m	South East
I248	Governor Phillip Monument	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	375m	South West
I150	Two terrace houses	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	376m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	382m	North
I1	Harbour foreshores	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	382m	South
I163	Group of houses	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	387m	North West
I145		Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	389m	South
I224	Public shelters	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	395m	South East
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	396m	North West
I256	Masonic Hall	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	398m	North
I92	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	403m	West
I257	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	410m	North
I241	Residential flat building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	410m	South East
I143	Park/Reserve	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	411m	South
I206	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	412m	North
I258	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	418m	North

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I207	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	418m	North
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	420m	North
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	422m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	435m	North
I163	Group of houses	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	437m	North West
I240	Commercial and residential building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	441m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	442m	West
I242	Residential flat building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	443m	South East
I226	House	Item - General	Local	Manly Local Environmental Plan 2013	12/09/2014	12/09/2014	02/11/2018	444m	South East
I239	Residential flat building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	447m	South
I85	Group of dwellings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	452m	West
I204	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	455m	North
I238	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	456m	South East
I259	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	457m	North
I117	Cast iron letter receiver (letter box)	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	460m	South
I205	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	464m	North
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	464m	South West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	470m	South West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	473m	South West
I146		Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	474m	South
I224	Public shelters	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	478m	South East
I250	Manly Cove amenities block	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	481m	South West
I225	Residential/ commercial buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	489m	South East
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	491m	South East

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I250	Manly Cove amenities block	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	494m	South West
I163	Group of houses	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	497m	North West
I155	Houses	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	499m	West
I249	Manly Cove Pavilion	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	500m	South West
I98	Residential flat building, 'Hilder Lea'	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	504m	South West
I1	Harbour foreshores	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	504m	South West
I124	Commercial and residential building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	505m	South
I125	Commercial and residential building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	505m	South
I194	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	506m	North
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	508m	West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	513m	South West
I126	Commercial and residential building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	517m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	518m	West
I127	Commercial and residential building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	524m	South
I149	Residential building, 'Abbyleix'	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	524m	South
I141	Electricity Substation No 16124	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	530m	South East
I225	Residential/ commercial buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	532m	South East
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	532m	South East
I173	North Steyne Surf Club	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	533m	North
I81	2 adjoining residential flat buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	534m	South East
I195	Group of 5 houses	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	534m	North
I120	One of a pair of semi-detached cottages	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	537m	South East
I121	One of a pair of semi-detached cottages	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	542m	South East
I122	Residential cottage	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	548m	South East

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I128	One of a pair of semi-detached cottages	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	558m	South
I123	Residential flat building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	558m	South East
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	559m	North
I169	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	560m	North
I115	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	560m	South West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	561m	North
I129	One of a pair of semi-detached cottages	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	564m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	575m	West
I193	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	579m	North
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	580m	West
I79	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	581m	South East
I63	5 dwellings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	591m	North West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	600m	South East
I47	Semi-detached houses	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	615m	West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	615m	South West
I89	Residential flat building, 'Borambil'	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	627m	South East
I80	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	632m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	650m	South East
I144	Monument'memorial (broken fountain)	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	651m	South
I130	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	653m	South East
I52	Group of 6 houses	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	663m	North West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	666m	West
I191	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	671m	North West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	675m	North West

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I223	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	678m	North
I208	Service station (former)	Item - General	Local	Manly Local Environmental Plan 2013	02/11/2018	02/11/2018	02/11/2018	683m	North
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	689m	West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	691m	North West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	693m	South East
I97	Port Jackson Fig (Ficus rubignosa)	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	696m	South East
I116	Residential flat building, 'Cumberland'	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	699m	South West
I66	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	699m	West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	703m	South West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	706m	South West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	710m	South East
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	711m	South
I95	Group of 6 semi-detached houses	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	711m	South East
I96	House, 'Strathmore'	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	711m	South East
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	711m	South East
I64	Manly Fire Station	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	712m	West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	721m	South East
I61	Group of dwellings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	725m	West
I142	Manly Rowing, Sailing, Yacht and Launch Club, group of buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	727m	South
I90	Street trees (Acaucaria heterophylla)	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	734m	South East
I209	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	740m	North
I189	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	752m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	754m	South West
I72	Houses	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	757m	South East

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I77	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	758m	North West
I1	Harbour foreshores	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	758m	South
I172	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	759m	North
I62	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	760m	West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	767m	South
I53	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	771m	North West
I148	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	772m	South
I53	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	776m	North West
I61	Group of dwellings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	780m	West
I53	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	780m	North West
I147	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	781m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	782m	West
I53	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	25/09/2015	25/09/2015	02/11/2018	784m	North West
I1	Harbour foreshores	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	786m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	792m	South West
I78	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	792m	North
I221	Grass Island and 2 Canary Island palm trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	795m	North
I48	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	802m	West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	803m	South East
I65	2 commercial buildings, including the 'Rose Building'	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	805m	West
I76	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	805m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	806m	South
I1	Harbour foreshores	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	806m	South
I51	Group of 3 houses	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	814m	West

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I88	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	814m	South East
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	814m	North
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	821m	South East
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	823m	West
I74	Residential flat buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	823m	South East
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	824m	South East
I210	Commercial building	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	829m	North
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	833m	North
I55	Group of 4 houses	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	835m	West
I192	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	836m	North
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	838m	West
I75	Group of dwellings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	840m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	842m	South East
I70	2 terrace houses	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	843m	South
I87	House, 'Bower Hall'	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	844m	South East
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	846m	South
I211	Group of commercial buildings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	848m	North
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	848m	West
I73	House, 'Wonga Binda'	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	848m	South
I49	Esplanade Park and Fairlight Pool	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	849m	South West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	852m	South
I75	Group of dwellings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	853m	South
I260	House, 'Merriwa'	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	856m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	867m	South

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	868m	West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	870m	South
I75	Group of dwellings	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	873m	South
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	877m	North
I55	Group of 4 houses	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	880m	West
I56	Stone terrace and adjoining house	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	896m	West
I220	House, 'Logan Brae'	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	899m	South East
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	904m	West
I132	St Patrick's Estate	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	920m	South East
I227	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	931m	South
I131	St Patrick's Estate	Item - General	State	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	932m	South East
I71	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	935m	South
I100	Street trees	Item - Landscape	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	937m	North
I212	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	940m	North
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	941m	South
I167	Fairy Bower Pool	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	956m	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	960m	North
I158	Sewerage Pumping Station No 36	Item - General	Local	Manly Local Environmental Plan 2013	02/11/2018	02/11/2018	02/11/2018	970m	North West
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	972m	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	973m	North
I99	House	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	979m	North
I213	Sewage pumping station No 37	Item - General	Local	Manly Local Environmental Plan 2013	02/11/2018	02/11/2018	02/11/2018	993m	North
I2	All stone kerbs	Item - General	Local	Manly Local Environmental Plan 2013	05/04/2013	19/04/2013	02/11/2018	995m	West

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Natural Hazards

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

Bush Fire Prone Land

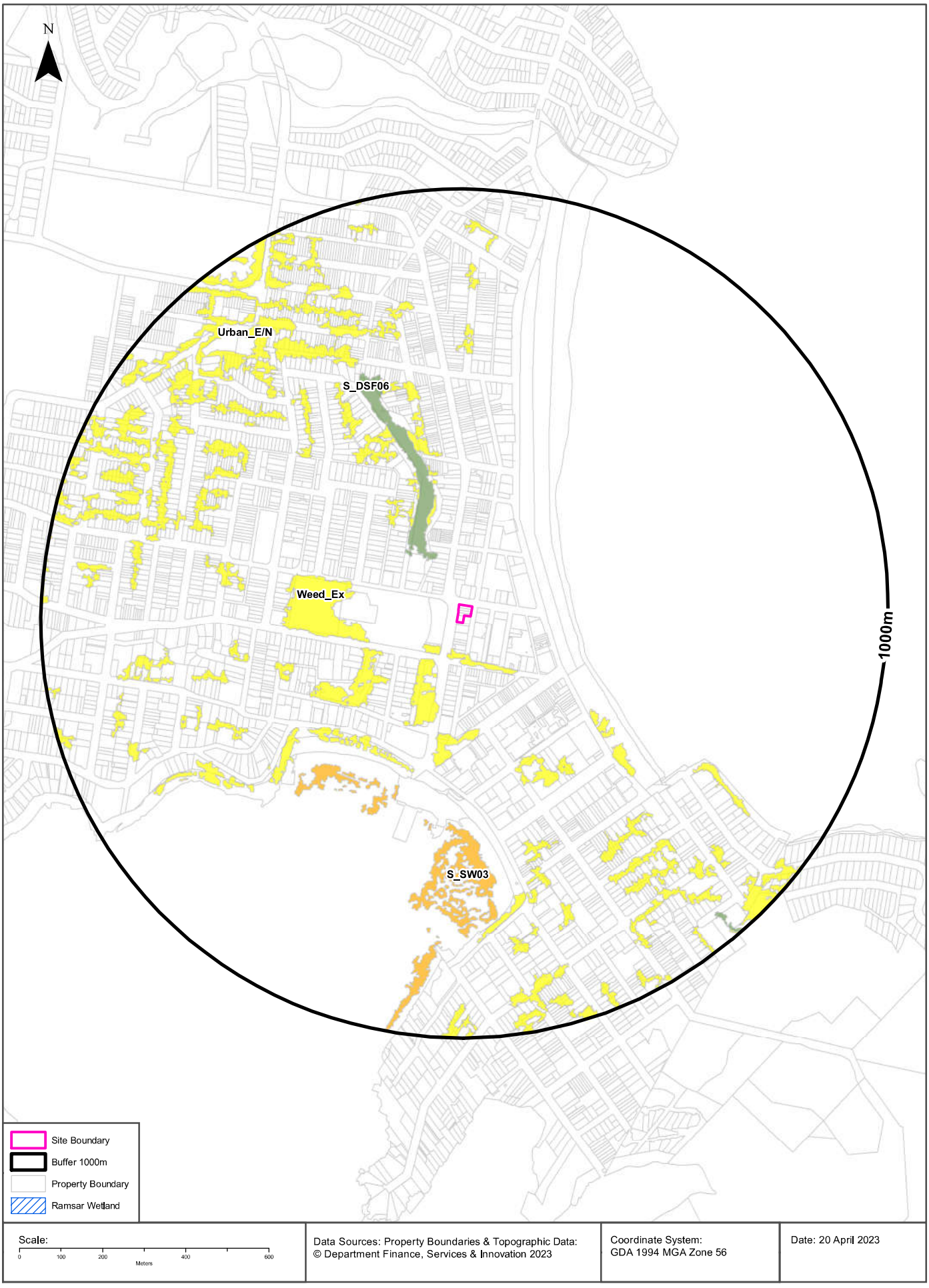
What are the nearest Bush Fire Prone Land Categories that exist within the dataset buffer?

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 - Vegetation & Ramsar Wetlands

35-43 and 40-42 Belgrave Street, Manly, NSW 2095



Ecological Constraints

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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	64m	South
S_DSF06	S_DSF06: Coastal Sandstone Foreshores Forest			10: Mesic/rainforest	23: Plantings	4: Very high	C.gummifera/E.haemastoma/A.costataE.sieberi	124m	North
Weed_Ex	Weed_Ex: Weeds and Exotics			00: Not assessed	00: Not assessed	0: Not assessed	Exotic Species >90%cover	214m	West
S_SW03	S_SW03: Seagrass Meadows			00: Not assessed	00: Not assessed	0: Not assessed	Seagrass (DPI)	418m	South
S_DSF06	S_DSF06: Coastal Sandstone Foreshores Forest			20: Weeds and exotics	23: Plantings	4: Very high	A.costata/E.botryoides/C.gummiferaB.integrifolia/E.piperita	923m	South 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

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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

35-43 and 40-42 Belgrave Street, Manly, NSW 2095

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

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
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 tenebricosa	Sooty Owl	Vulnerable	Category 3	Not Listed	
Animalia	Gastropoda	Meridolum corneovirens	Cumberland Plain Land Snail	Endangered	Not Sensitive	Not Listed	
Animalia	Gastropoda	Pommerhelix duralensis	Dural Land Snail	Endangered	Not Sensitive	Endangered	
Animalia	Mammalia	Aepyprymnus rufescens	Rufous Bettong	Vulnerable	Not Sensitive	Not Listed	
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	Balaenoptera musculus	Blue Whale	Endangered	Not Sensitive	Endangered	
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	Isoodon obesulus obesulus	Southern Brown Bandicoot (eastern)	Endangered	Not Sensitive	Endangered	
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	Phascolarctos cinereus	Koala	Endangered	Not Sensitive	Endangered	
Animalia	Mammalia	Phoniscus papuensis	Golden-tipped Bat	Vulnerable	Not Sensitive	Not Listed	
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 Sheathtail-bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Scoteanax rueppellii	Greater Broad-nosed Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Vespadelus troughtoni	Eastern Cave Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Reptilia	Caretta caretta	Loggerhead Turtle	Endangered	Not Sensitive	Endangered	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Reptilia	Chelonia mydas	Green Turtle	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Reptilia	Dermochelys coriacea	Leatherback Turtle	Endangered	Not Sensitive	Endangered	
Animalia	Reptilia	Eretmochelys imbricata	Hawksbill Turtle	Not Listed	Not Sensitive	Vulnerable	
Animalia	Reptilia	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 reesiae		Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Acacia bynoeana	Bynoe's Wattle	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Acacia gordonii		Endangered	Not Sensitive	Endangered	
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	Amperea xiphoclada var. pedicellata		Extinct	Not Sensitive	Extinct	
Plantae	Flora	Asterolasia buxifolia		Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Baeckea 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	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	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	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Plantae	Flora	Melaleuca biconvexa	Biconvex Paperbark	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Melaleuca deanei	Deane's Paperbark	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Microtis angusii	Angus's Onion Orchid	Endangered	Category 2	Endangered	
Plantae	Flora	Persoonia hirsuta	Hairy Geebung	Endangered	Category 3	Endangered	
Plantae	Flora	Persoonia laxa		Extinct	Not Sensitive	Extinct	
Plantae	Flora	Pimelea curviflora var. curviflora		Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Prasophyllum fuscum	Slaty Leek Orchid	Critically Endangered	Category 2	Vulnerable	
Plantae	Flora	Prostanthera densa	Villous Mint-bush	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Prostanthera marifolia	Seaforth Mintbush	Critically Endangered	Category 3	Critically Endangered	
Plantae	Flora	Rhodamnia rubescens	Scrub Turpentine	Critically Endangered	Not Sensitive	Critically Endangered	
Plantae	Flora	Sarcochilus hartmannii	Hartman's Sarcochilus	Vulnerable	Category 2	Vulnerable	
Plantae	Flora	Senecio spathulatus	Coast Groundsel	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Syzygium paniculatum	Magenta Lilly Pilly	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Tetratheca glandulosa		Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Tetratheca juncea	Black-eyed Susan	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Thesium australe	Austral Toadflax	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Triplarina imbricata	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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12. These Terms are subject to New South Wales law.

Land Title Records

ABN: 36 092 724 251
Ph: 02 9099 7400
(Ph: 0413 400 020)

Level 14, 135 King Street, Sydney
Sydney 2000
GPO Box 4103 Sydney NSW 2001
DX 967 Sydney

Summary of Owners Report

Address: - 35 - 43 Belgrave Street, Manly, NSW

Description: - Lot 1 in D.P. 719821, Lot 1 in D.P. 34395, Lot 1 in D.P. 104766, Lot 1 in D.P. 100633 & C.P. in S.P. 14133

Lot 1 in D.P. 719821

Date of Acquisition and term held	Registered Proprietor(s) & Occupations where available	Reference to Title at Acquisition and sale
17.03.1914 (1914 to 1914)	Archibald James Chapman (Ironmonger)	Volume 2457 Folio 132
20.05.1914 (1914 to 1924)	Patrick Thomson Taylor (Merchant)	Volume 2457 Folio 132
02.10.1924 (1924 to 1937)	William Donald Mawney Taylor (Merchant) Patrick Gordon Taylor (Merchant) George William Nicholls (Merchant) (Transmission Application, not investigated)	Volume 2457 Folio 132
23.08.1937 (1937 to 1939)	Patrick Gordon Taylor (Merchant) Daniel Joseph (or Patrick) Ryan (Section 12 Application, not investigated)	Volume 2457 Folio 132
14.09.1939 (1939 to 1960)	Patrick Gordon Taylor (Aviator) Patrick Charles Taylor (Merchant) Harry Maxwell (Stock & Share Broker) (Section 12 Application, not investigated)	Volume 2457 Folio 132
01.08.1960 (1960 to 1979)	Michael Angelo Papallo (Fruiterer) Kathleen Papallo (Married Woman) Salvatore Papallo (Fruiterer)	Volume 2457 Folio 132 Now Volume 8075 Folios 244 & 255
03.10.1979 (1979 to 1981)	Taka Properties Pty. Limited Anne Fulton (Married Woman) Now Anne Patricia Fulton (Married Woman)	Volume 8075 Folios 244 & 255 Then Volume 14018 Folio 98 Now Volume 14162 Folio 37
05.02.1981 (1981 to 1986)	Manly Municipal Council	Volume 14162 Folio 37 Now 1/719821
05.03.1986 (1986 to Date)	# Reginald John Forster	1/719821

# Denotes current registered proprietor

Leases, excluding premises & Easements: – Nil

ABN: 36 092 724 251
Ph: 02 9099 7400
(Ph: 0413 400 020)

Level 14, 135 King Street, Sydney
Sydney 2000
GPO Box 4103 Sydney NSW 2001
DX 967 Sydney

Lot 1 in D.P. 34395

Date of Acquisition and term held	Registered Proprietor(s) & Occupations where available	Reference to Title at Acquisition and sale
14.04.1916 (1916 to 1952)	Emily Kleemo (Married Woman)	Volume 2659 Folio 7
18.09.1952 (1952 to 1957)	Ruby Winifred Bennett (Married Woman) (Transmission Application, not investigated)	Volume 2659 Folio 7
08.01.1957 (1957 to 1984)	Manufacturer's Mutual Insurance Limited	Volume 2659 Folio 7 Now Volume 7266 Folio 189
08.03.1984 (1984 to Date)	# Reginald John Forster	Volume 7266 Folio 189 Now 1/34395

# Denotes current registered proprietor

Leases: –

- 10.12.1920 (A651565) to Arthur Edward Conrad (Butcher). Expired by effluxion of time 20.04.1949.
- During the course of my search, I found various leases that have since expired or have been surrendered. Please advise if you need these investigated.

Easements: – Nil

ABN: 36 092 724 251
Ph: 02 9099 7400
(Ph: 0413 400 020)

Level 14, 135 King Street, Sydney
Sydney 2000
GPO Box 4103 Sydney NSW 2001
DX 967 Sydney

Lot 1 in D.P. 104766

Date of Acquisition and term held	Registered Proprietor(s) & Occupations where available	Reference to Title at Acquisition and sale
11.10.1917 (1917 to 1932)	Sydney Alexander Davis (Auctioneer)	Volume 2793 Folio 211
28.10.1932 (1932 to 1937)	Charles Chapman (Managing Law Clerk) (now deceased) Helen Margaret Davis (Widow) (Transmission Application, not investigated)	Volume 2793 Folio 211
20.12.1937 (1937 to 1944)	Helen Margaret Davis (Widow)	Volume 2793 Folio 211 Now Volume 4898 Folio 143
23.10.1944 (1944 to 1950)	Peter Davis (Clerk) (Transmission Application, not investigated)	Volume 4898 Folio 143
04.05.1950 (1950 to 1955)	James Lindsay Pattinson (Clerk) Kathleen Pattinson (Married Woman)	Volume 4898 Folio 143
12.10.1955 (1955 to 1972)	Mays Investments Pty Limited	Volume 4898 Folio 143 Now Volume 10286 Folio 132
18.08.1972 (1972 to 1976)	Dinjan Investments Pty Limited	Volume 10286 Folio 132
30.08.1976 (1976 to 1979)	Francis Roy Fordham (Manager) Gertrude Mary Fordham (Married Woman)	Volume 10286 Folio 132
09.04.1979 (1979 to 1987)	George Francis Sigelski (Company Director)	Volume 10286 Folio 132
20.02.1987 (1987 to 1989)	Laurence John Betteridge Jean Cecilia Betteridge Marie Joan Winsbury Now Marie Joan McKee	Volume 10286 Folio 132 Now 1/104766
22.08.1989 (1989 to 1996)	Laurence John Betteridge Jean Cecilia Betteridge	1/104766
14.08.1996 (1996 to Date)	# Naomand Developments Pty Limited	1/104766

# Denotes current registered proprietor

Leases: –

- 29.07.1918 (A399207) to Sydney Alexander Davis (Auctioneer) and Maurice Paul Brown (General Agents).
  - 15.04.1919 (A458425) Surrendered.
- 27.07.1927 (B555219) to Thomas Anthony Boatwright (Auctioneer) and Keith Salamon Neltheim (Auctioneer).
  - Expired by effluxion of time 28.10.1932.
- 15.11.1937 (C603772) to Henry Fletcher Hammond (Furniture Dealer) and Leslie Joseph Tomi (Furniture Dealer)
  - 25.10.1940 (C935922) Cancelled.
- 11.05.1959 (H256598) to Alfred Adolph Livingstone Cohen (Shopkeeper) and Zara Livingstone Cohen (Married Woman).
  - 09.03.1966 (K250550) Expired by effluxion of time.
- During the course of my search, I found various leases that have since expired or have been surrendered. Please advise if you need these investigated.

Easements: – Nil

ABN: 36 092 724 251
Ph: 02 9099 7400
(Ph: 0413 400 020)

Level 14, 135 King Street, Sydney
Sydney 2000
GPO Box 4103 Sydney NSW 2001
DX 967 Sydney

Lot 1 in D.P. 100633

Date of Acquisition and term held	Registered Proprietor(s) & Occupations where available	Reference to Title at Acquisition and sale
30.04.1919 (1919 to 1924)	Clifford Field (Newsagent)	Volume 2931 Folio 77
18.10.1924 (1924 to 1941)	Eliza Cogger (Married Woman)	Volume 2931 Folio 77
15.04.1941 (1941 to 1953)	Percy Leydon Williamson (Solicitor) John Arthur Boxhall (Solicitor) (Transmission Application, not investigated)	Volume 2931 Folio 77
27.02.1953 (1953 to 1954)	John Arthur Boxhall (Solicitor) David Gladstone Hannah (Solicitor) (Section 12 Application, not investigated)	Volume 2931 Folio 77
16.11.1954 (1954 to 1963)	David Gladstone Hannah (Solicitor) Lindsay George Dickens (Managing Law Clerk) (Section 12 Application, not investigated)	Volume 2931 Folio 77
06.11.1963 (1963 to 1964)	David Hawkings (General Contractor)	Volume 2931 Folio 77 Now Volume 9754 Folio 239
24.03.1964 (1964 to 1979)	George Porter green (Pharmaceutical Chemist) Marie Theresa Green (Married Woman)	Volume 9754 Folio 239
08.01.1979 (1979 to 1999)	Arnold Finkelstein (Company Director) Ruth Finkelstein (Married Woman)	Volume 9754 Folio 239 Now 1/100633
24.09.1999 (1999 to Date)	# Torjonic Investments Pty Limited	1/100633

# Denotes current registered proprietor

Leases: –

- 19.06.1941 (D31314) to William Leonard Parle (Chemist).
  - 04.03.1964 – Expired by effluxion of time.
- 12.02.2018 (AN111480) to Lindus Drycleaning Pty Ltd of Ground Floor Shop, 40 Belgrave Street, Manly. Expires 30.06.2020 with a 5 year option of renewal.
- During the course of my search, I found various leases that have since expired or have been surrendered. Please advise if you need these investigated.

Easements: – Nil

ABN: 36 092 724 251
Ph: 02 9099 7400
(Ph: 0413 400 020)

Level 14, 135 King Street, Sydney
Sydney 2000
GPO Box 4103 Sydney NSW 2001
DX 967 Sydney

C.P. in S.P. 14133

Date of Acquisition and term held	Registered Proprietor(s) & Occupations where available	Reference to Title at Acquisition and sale
27.05.1921 (1921 to 1928)	Samuel Vivian Bennett (Manufacturer) Emily May Goodall (Married Woman) Alfred Leonard Bennett (Grazier) Frieda Muriel Bennett (Spinster) Enid Elliot (Married Woman)	Volume 3189 Folio 182 to 186 (Inclusive)
28.09.1928 (1928 to 1938)	Samuel Vivian Bennett (Manufacturer) Alfred Leonard Bennett (Grazier) Frieda Muriel Bennett (Spinster) Enid Elliot (Married Woman)	Volume 3189 Folio 182 to 186 (Inclusive)
11.05.1938 (1938 to 1939)	Samuel Vivian Bennett (Manufacturer) Elsie May Bennett (Married Woman) Frieda Muriel Bennett (Spinster) Enid Elliot (Married Woman)	Volume 3189 Folio 182 to 186 (Inclusive)
23.05.1939 (1939 to 1949)	Ernest John Harman (Investor)	Volume 3189 Folio 182 to 186 (Inclusive) Now Volume 5051 Folio 103
02.08.1949 (1949 to 1967)	Frederick Walter Hughes (Retired)	Volume 5051 Folio 103 Now Volume 6176 Folio 202
02.03.1967 (1967 to 1967)	Gertrude Daisy Hughes (Widow) (Section 94 Application, not investigated)	Volume 6176 Folio 202
08.03.1967 (1967 to 1979)	Harry Manning (Retailer) Vera May Manning (Married Woman)	Volume 6176 Folio 202
01.08.1979 (1979 to 1979)	P. & C. Pedulla Pty Limited Orfeo Calacoci (Builder) Joyce Calacoci (Married Woman)	Volume 6176 Folio 202
24.09.1979	Registration of Strata Plan No. 14133	Volume 6176 Folio 202
	Continued as regards the Common Property Area only	
24.09.1979 (1979 to Date)	# The Owners – Strata Plan No. 14133	Volume 6176 Folio 202 Now CP/SP14133

# Denotes current registered proprietor

Leases: –

- During the course of my search, I found various leases that have since expired or have been surrendered. Please advise if you need these investigated.

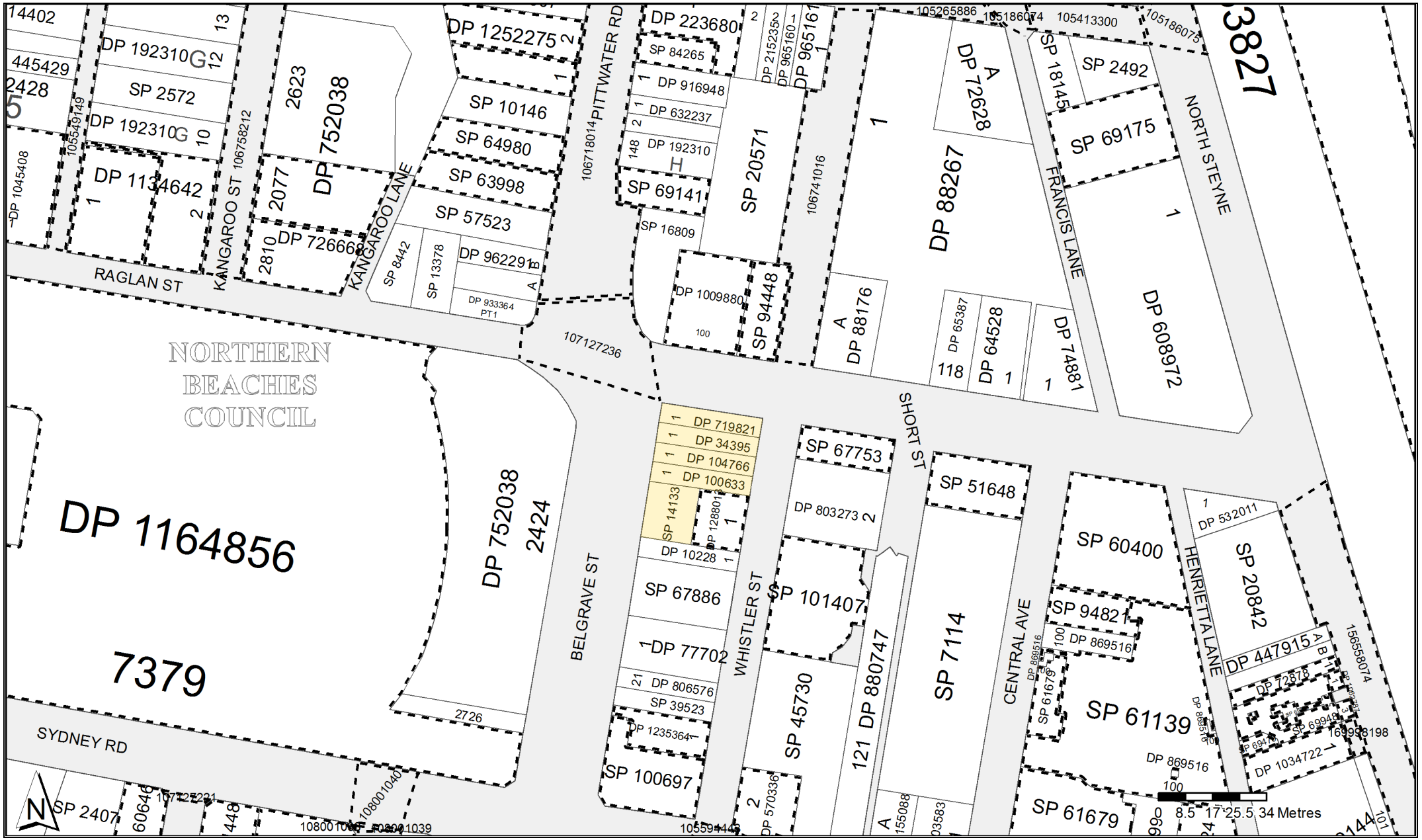
Easements: – Nil

Yours Sincerely
Harrison Byrne
24th April 2023

Cadastral Records Enquiry Report : Lot 1 DP 719821

Ref : 35 - 43 Belgrave Street, Manly

Locality : MANLY
Parish : MANLY COVE
LGA : NORTHERN BEACHES
County : CUMBERLAND



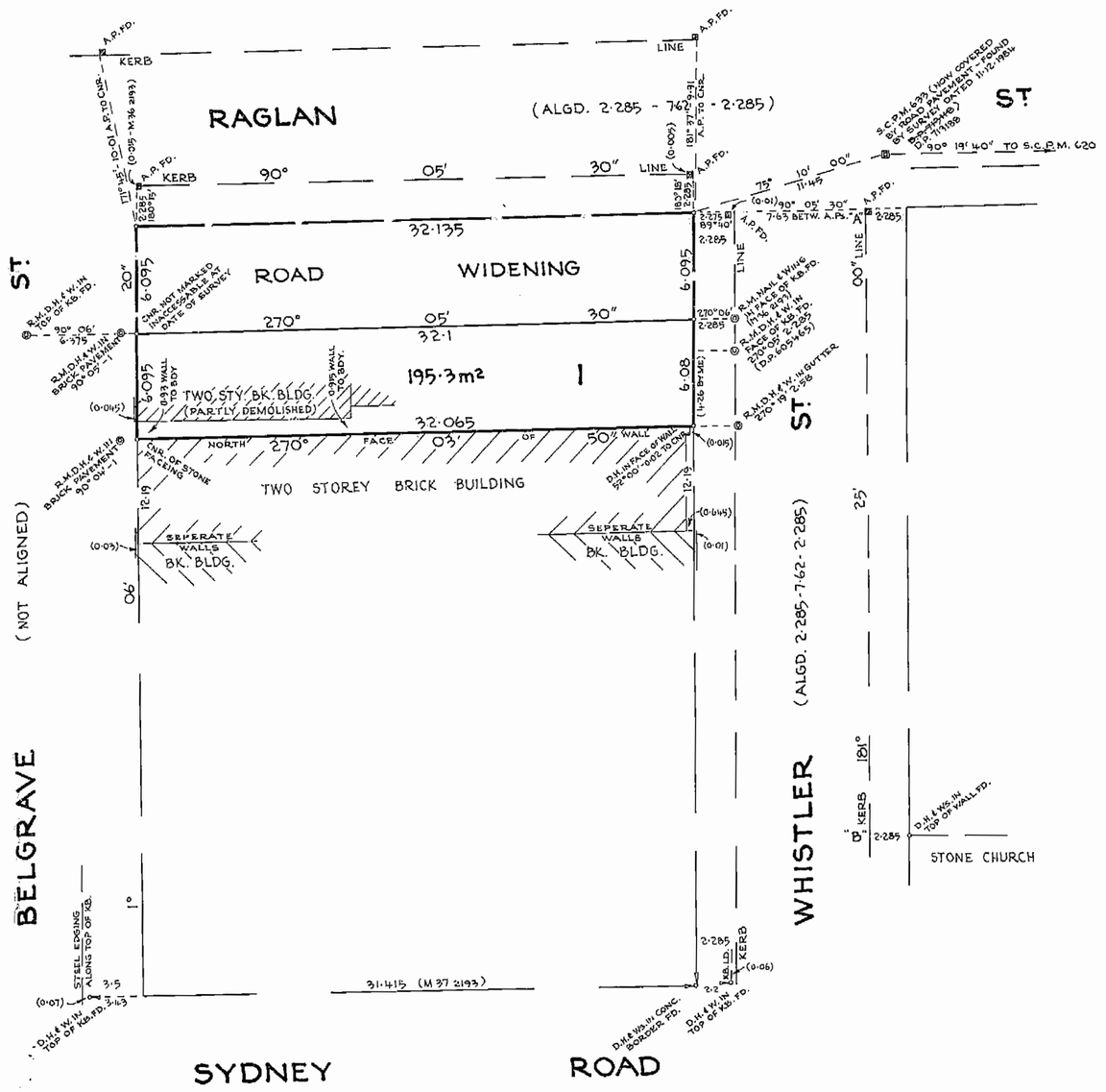
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PLAN FORM 2 — Plan Drawing only to appear in this space — *OFFICE USE ONLY

Signatures and seals only.

14"



Council Clerk's Certificate

I hereby certify that –

(a) the requirements of the Local Government Act, 1919 (other than the requirements for the registration of plans), and

*(b) the requirements of section 348 of the †Metropolitan Water, Sewerage and Drainage Act, 1924, as amended. †Hunter District Water, Sewerage, and Drainage Act, 1938, as amended

have been complied with by the applicant in relation to the proposed SUBDIVISION (Insert "new road", "subdivision" or "consolidated lot") set out herein

Subdivision No. 3386/L

Date 21ST NOVEMBER 1985

(Signature) ..... Council Clerk

*This part of certificate to be deleted where the application is only for a consolidated lot or the opening of a new road or where the land to be subdivided is wholly outside the areas of operations of the Metropolitan Water Sewerage and Drainage Board and the Hunter District Water Board.

†Delete if inapplicable.

10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 Table of mm 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390

M.P.D.

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION

SURVEYOR'S REFERENCE 5614 L

D P 719821 *

Registered: 8-1-1986

C.A.: Nº 3386/L OF 21·11·1985

Title System: TORRENS

Purpose: SUBDIVISION

Ref. Map: U1852-324

Last Plan: DP 605465

PLAN OF SUBDIVISION OF LOTS 1 AND 2 IN D.P. 605465

Reduction Ratio 1: 200
Lengths are in metres.

Mun./~~Shire~~ ~~City~~ MANLY

Locality: MANLY

Parish: MANLY COVE

County: CUMBERLAND

~~This is sheet 1 of my plan in sheets.~~
(Delete if inapplicable).

I, JOHN BARRY BYRNE

of J. B. BYRNE & ASSOCS - NARRABEEN

a surveyor registered under the Surveyors Act, 1929, as amended, hereby certify that the survey represented in this plan

is accurate and has been made *(1) by me (2) ~~under my immediate supervision~~ in accordance with the Survey Practice Regulations, 1933, and was completed on †

11·10·1985

Signature .....

Surveyor registered under Surveyors Act, 1929, as amended.
Datum Line of Azimuth: "A" - "B" (D.P. 713188)
*Strike out either (1) or (2). †Insert date of survey.

Panel for use only for statements of intention to dedicate public roads or to create public reserves, drainage reserves, easements or restrictions as to user.

IT IS INTENDED TO DEDICATE THE ROAD WIDENING HEREON TO THE PUBLIC.

THE COMMON SEAL OF THE COUNCIL OF THE MUNICIPALITY OF MANLY WAS AFFIXED HERETO ON DECEMBER 2ND, 1985, PURSUANT TO A RESOLUTION OF COUNCIL OF NOVEMBER 26TH, 1985.

(MAYOR)

(TOWN CLERK)

This negative is a photograph made as a permanent record of a document in the custody of the Registrar General this day, 9th January, 1986

10 20 30 40 50 60 70 80 90 100 110 120 130 140 Table of mm

Req:R303037 /Doc:DP 0719821 P /Rev:06-Aug-1992 /NSW LRS /Pgs:ALL /Prt:15-Aug-2022 14:13 /Seq:1 of 1
© Office of the Registrar-General /Src:InfoTrack /Ref:FORSTER 43 SALE

Req:R320011 /Doc:DP 0034395 P /Rev:06-Mar-2019 /NSW LRS /Prt:17-Aug-2022 17:24 /Seq:1 of 1
© Office of the Registrar-General /Src:InfoTrack /Ref:M288

LT2/16

PLAN OF PART LOT 10, SEC. C IN D.P. 752038 COMPRISED IN VOL. 7266 FOL. 189

Mun./~~Shire/City~~ MANLY

Town or Locality MANLY

Parish MANLY COVE

County CUMBERLAND

~~Reduction Ratio 1:~~ _____ Lengths are in metres

D. P. 34395

Registered: 11.7.1990

C.A.: _____

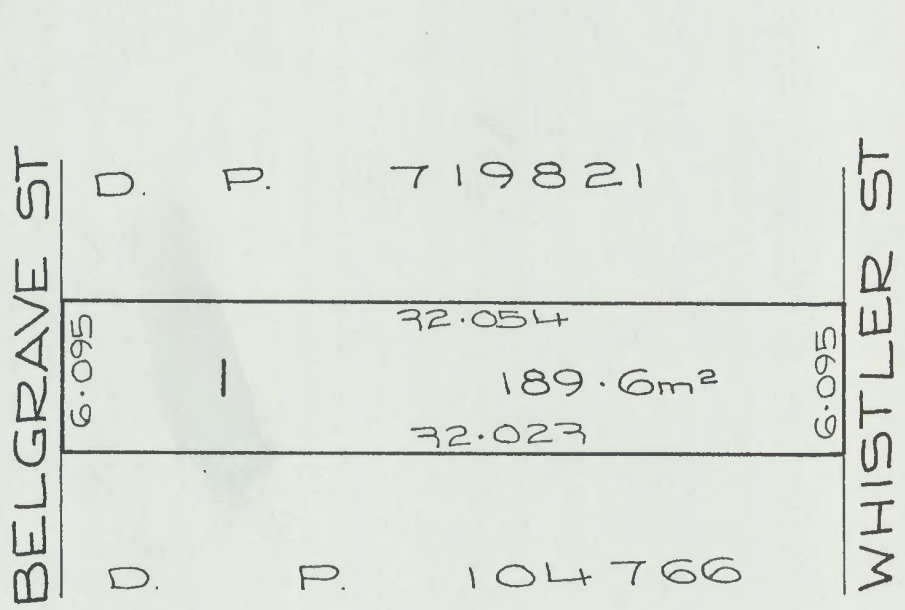
Title System: TORRENS

Purpose: DEPARTMENTAL

Ref. Map: U1852-324*

Last Plan: D.P. 68475

B 1 D 1 0 0 N



PROUDLY PRINTED IN AUSTRALIA
© WEST. GOVERNMENT PRINTER N.S.W. L.O. 2230

Req:R374379 /Doc:DP 0104766 P /Rev:06-Mar-2019 /NSW LRS /Prt:29-Aug-2022 13:23 /Seq:1 of 2
© Office of the Registrar-General /Src:InfoTrack /Ref:22025

Form 1

OFFICE USE ONLY

PLAN OF *PART OF SEC. C OF THE BRIGHTON ESTATE.*

FP104766

Copy of Plan formerly recorded as

Plan in A331428

Mun./~~Shire/City~~ *Manly*

Town or Locality

Parish *Manly Cove*

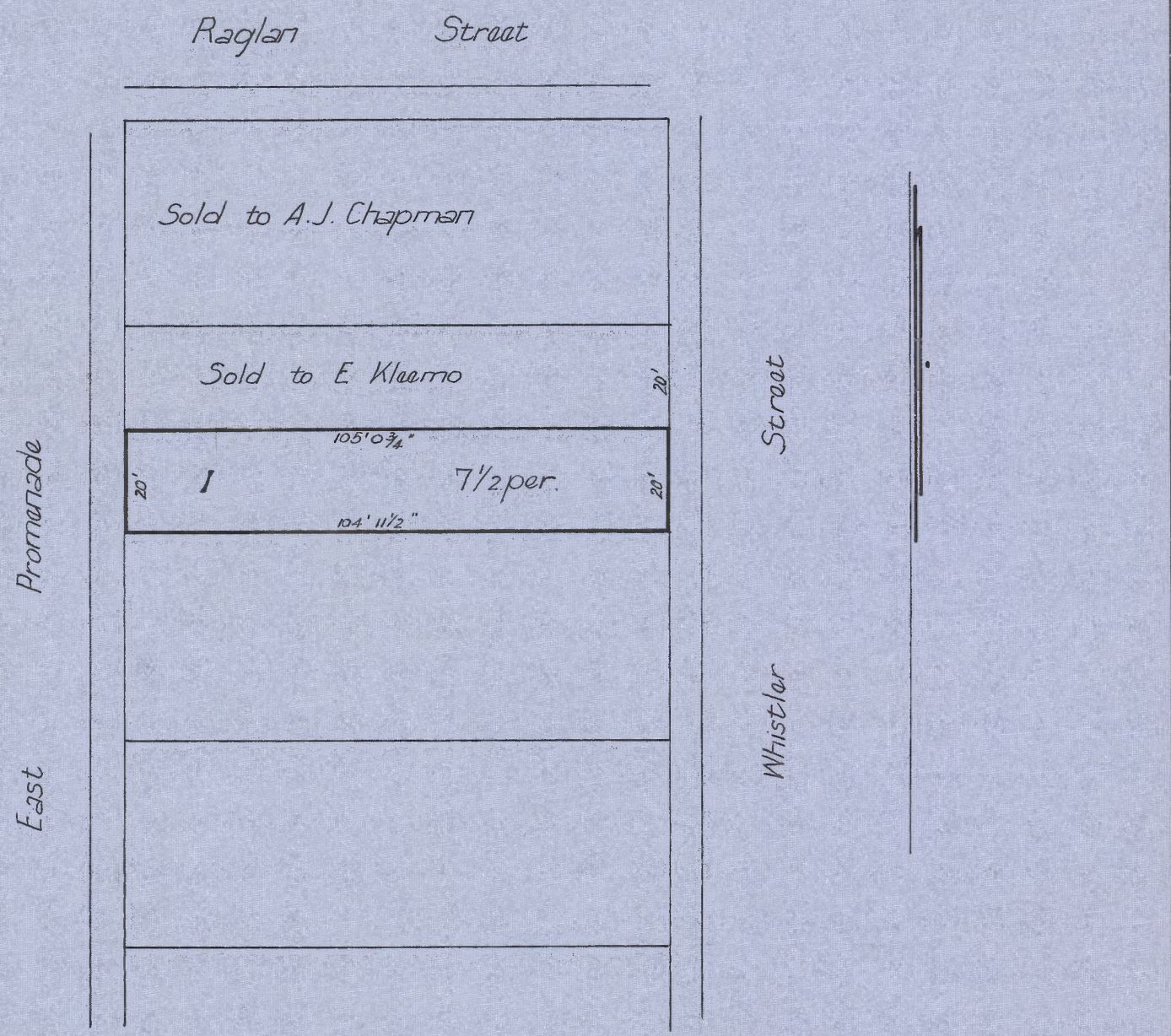
County *Cumberland*

Scale *30 feet to one inch*

C.A.: —

Charting Map: *Roll Plan 658*

Ref. Map:



Surveyor: —

Date: 17·8·1917

Standard Tracing Prepared in Registrar General's Dept.:

Exmd.: 31·3·66

ABD 368 V.C.N. Blight, Government Printer

Req:R456193 /Doc:DP 0100633 P /Rev:06-Mar-2019 /NSW LRS /Prt:24-Apr-2023 12:18 /Seq:1 of 2
© Office of the Registrar-General /Src:InfoTrack /Ref:35 - 43 Belgrave Street, Manly

Office Use Only

PLAN OF *Part of lot 9, Sec. C, Brighton Estate*

D. P. 100633

Copy of Plan formerly recorded as

Plan in A408751

(6)

Mun. ~~/Shire/City~~ *Manly*

Town or Locality

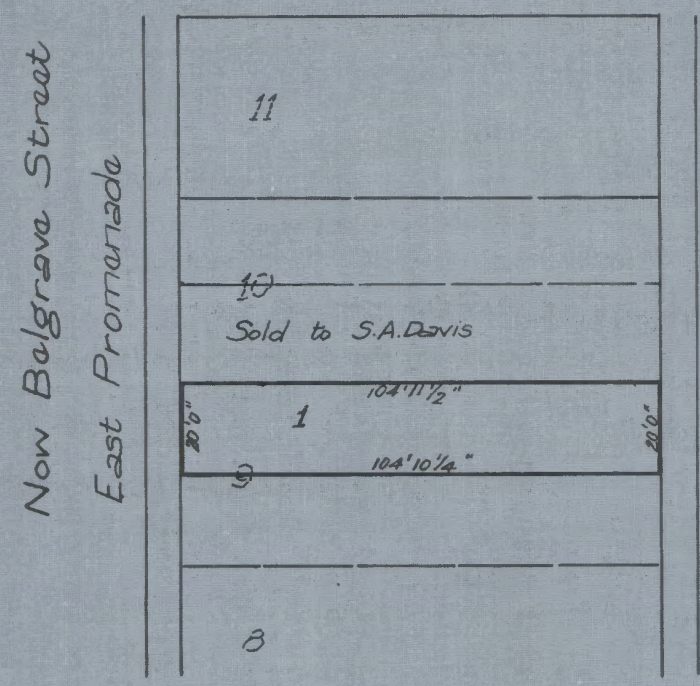
Parish *Manly Cove*

County *Cumberland* Scale *40 feet to one inch*

C. A *14·12·1918*

Charting Map *Roll Plan 658*

Ref. Map *Manly Sh. 12.*



Surveyor: –

Date: –

Standard Tracing Prepared in Registrar General's Dept: ~~SW~~ 18·6·64.

Exmd: ~~RD~~ 18-6-64

FORM 1

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION

*OFFICE USE ONLY

COUNCIL'S CERTIFICATE

The Council of the ~~City~~ *Municipality ~~Shire~~ of MANLY having satisfied itself that the requirements of the Strata Titles Act, 1973 (other than the requirements for the registration of plans) have been complied with, approves of the proposed
* strata plan
* ~~strata plan of subdivision~~
illustrated herein.

*~~Council does not object to the encroachment of the building beyond the alignment of~~

N/A

*~~This approval is given on the condition that (a)(b)~~

N/A

~~where subject to the restriction on user referred to in section 88 of the Strata Titles Act, 1973.~~

Date 17th JANUARY 1979

Subdivision No. 3060

Council Clerk

*Complete, or delete if inapplicable.

SURVEYOR'S CERTIFICATE

I, GREGORY VICTOR McNIFF OF McNIFF DIVE & ASSOC. P/L

of 83 LONGUEVILLE ROAD, LANE COVE. 2066.

a surveyor registered under the Surveyors Act, 1929, hereby certify that—

(1) any wall, the inner surface or any part of which corresponds substantially with any line shown on the accompanying floor plan as a boundary of a proposed lot, exists;

(2) any floor or ceiling, the upper or under surface or any part of which forms a boundary of a proposed lot, shown in the accompanying floor plan, exists;

(3) any wall, floor, ceiling or structural cubic space, by reference to which any boundary of a proposed lot shown in the accompanying floor plan is defined, exists;

(4) any building containing proposed lots erected on the land shown on the accompanying location plan and each proposed lot shown on the accompanying floor plan are wholly within the perimeter of the parcel * subject to subparagraphs (a) and (b) —

*(a) ~~except to the extent that the building encroaches on a public place;~~

*(b) eaves and guttering of the building encroach on land other than a public place, in respect of which eaves and guttering an appropriate easement has been created by ~~registered~~ †

.....

* (5) the survey information recorded in the accompanying location plan is accurate.

Signature.....

Date 15-12-78

* Delete if inapplicable
† State whether dealing or plan, and quote registered number.

This is sheet 1 of my Plan in 2 sheets.

PLAN OF LOT A IN F.P. 368451

Mun./~~Shire~~ ~~City~~ : MANLY

Locality : MANLY

Parish : MANLY COVE

County : CUMBERLAND

Reduction Ratio 1:125

Lengths are in metres

STRATA PLAN 14133 E

Registered : 31·8·1979

C.A. : Nº 3060 OF 17-1-1979

Purpose : STRATA PLAN

Ref. Map : MANLY SH. 12 *

Last Plan : D.P. 368451

Name of, and *address for service of notices on, the body corporate
*Address required on original strata plan only.

THE PROPRIETORS
STRATA PLAN Nº 14133
Nº 35-39 BELGRAVE STREET, MANLY 2095

Signatures, seals and statements of intention to create easements or restrictions as to user.

P. & C. PEDULLA PTY. LIMITED — COMMON SEAL

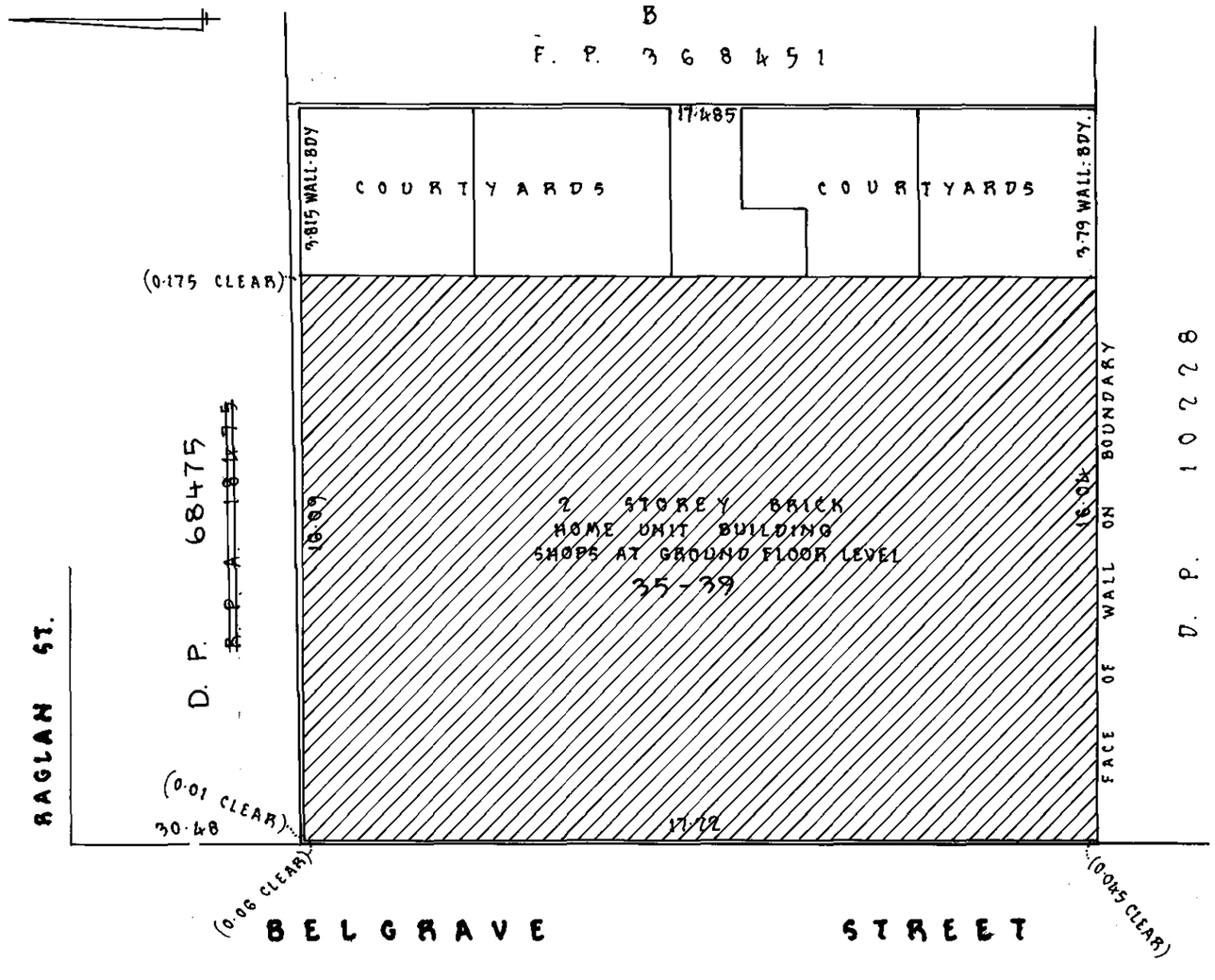
C. Pedulla

C. Pedulla

O. Calonaci

J. Calacoa

Vera M Manning



Plan Drawing only to appear in this space

10 20 30 40 50 60 Table of mm 100 110 120 130 140 150 160

M. P. D.

SURVEYOR'S REFERENCE: C.5.1200

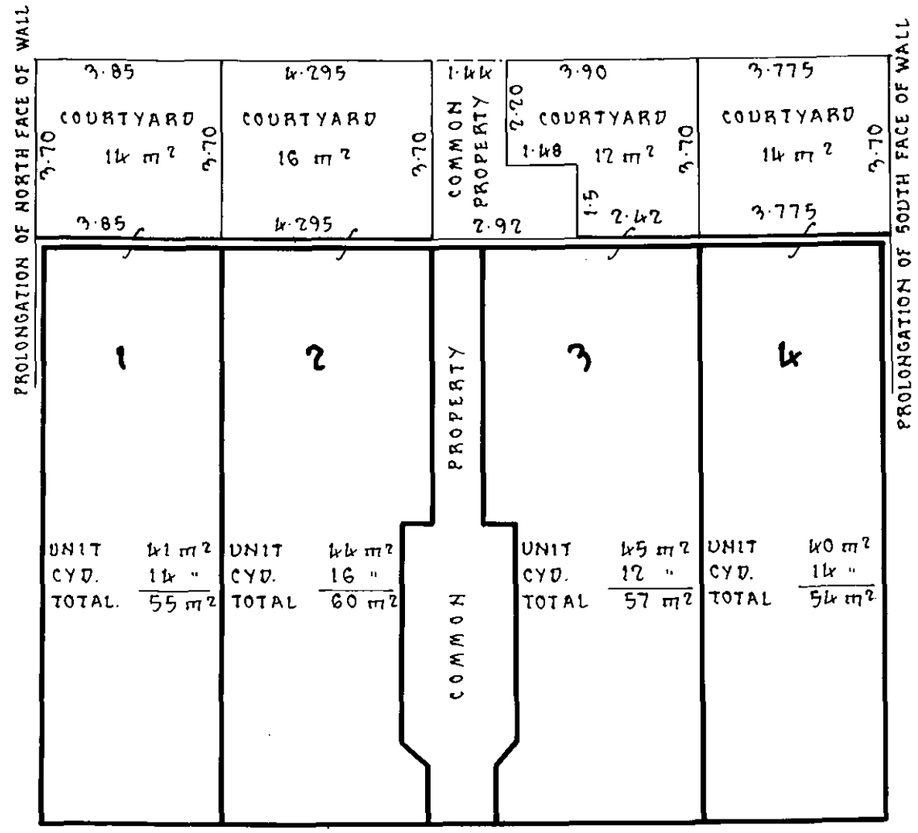
Plan Drawing only to appear in this space

Req:R374374 /Doc:SP 0014133 P /Rev:23-Apr-2008 /NSW LRS /Pgs:ALL /Prt:29-Aug-2022 13:22 /Seq:1 of 2
© Office of the Registrar-General /Src:InfoTrack /Ref:22025
SP 14133 2H 11S

FORM 2

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION

STRATA PLAN 14133



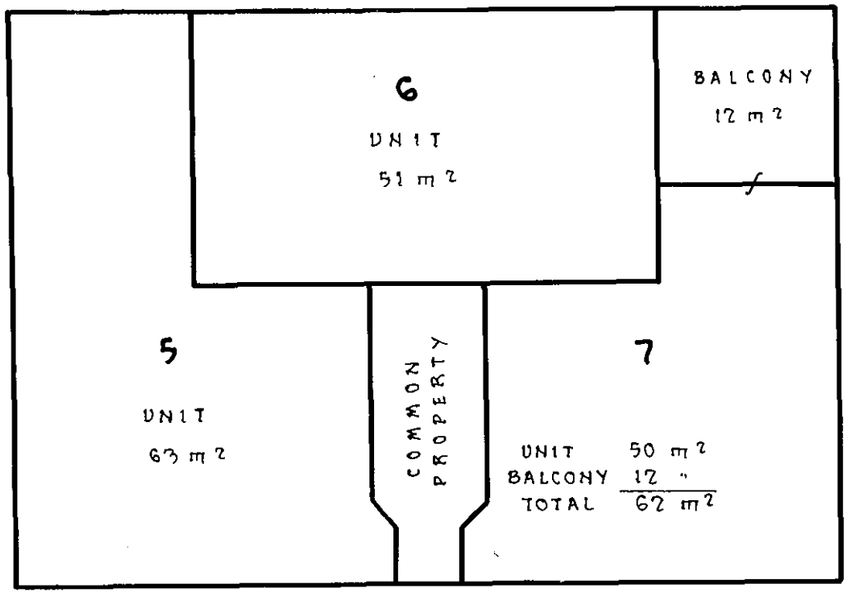
GROUND FLOOR

THE BALCONY FOR LOT 7 IS LIMITED IN HEIGHT TO 2·45 ABOVE THE UPPER SURFACE OF THE CONCRETE SLAB ON WHICH IT STANDS

THE COURTYARDS ARE LIMITED IN HEIGHT TO 4 METRES ABOVE THE CONCRETE SLAB ON WHICH THEY STAND.

AREAS ARE APPROXIMATE ONLY.

CYD DENOTES COURTYARD.



FIRST FLOOR

SCHEDULE OF UNIT ENTITLEMENT	
LOT Nº	UNIT ENTITLEMENT
1	166
2	166
3	166
4	166
5	116
6	110
7	110
AGGREGATE	1000

Reduction Ratio 1:125

Lengths are in metres

Registered Surveyor

Council Clerk

SURVEYOR'S REFERENCE: C.S.1700

*OFFICE USE ONLY

SP 14133

SIS 2H

Req:R374374 /Doc:SP 0014133 P /Rev:23-Apr-2008 /NSW LRS /Pgs:ALL /Prt:29-Aug-2022 13:22 /Seq:2 of 2
© Office of the Registrar-General /Src:InfoTrack /Ref:22025
14133 2H SIS

Req:R456120 /Doc:CT 14018-098 CT /Rev:23-Dec-2010 /NSW LRS /Pgs:ALL /Prt:24-Apr-2023 12:12 /Seq:1 of 2
© Office of the Registrar-General /Src:InfoTrack /Ref:35 - 43 Belgrave Street? Manly

[redacted] FICATE OF TITLE

NEW SOUTH WALES

AL PROPERTY ACT, 1900

14018098

Vol. 14018 Fol. 98

CANCELLED

EDITION ISSUED

10 1 1980

Appln No 13475

Prior Titles Vol. 8075 Fols. 244 & 245

98

14018

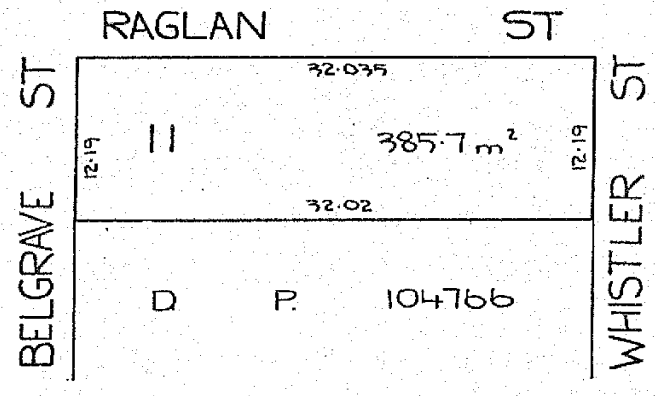
I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions encumbrances and interests as are shown in the Second Schedule.

Registrar General.

REGISTRAR GENERAL NEW SOUTH WALES

PLAN SHOWING LOCATION OF LAND

LENGTHS ARE IN METRES



R451630

REDUCTION RATIO 1:400

ESTATE AND LAND REFERRED TO

Estate in Fee Simple in Lot 11 in Deposited Plan 944250 in the Municipality of Manly Parish of Manly Cove County of Cumberland being part of 40.47 hectares granted to John Thompson on 13-4-1842.

FIRST SCHEDULE

~~[redacted] PROPERTIES PTY. LIMITED as to two undivided one third shares and ANNE FULTON of Manly, Married Woman as to the remaining undivided one third share as Tenants in Common~~

SECOND SCHEDULE

1. Reservations and conditions, if any, contained in the Crown grant above referred to.
2. R451630 Mortgage to C.B.F.C. Limited.

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

WARNING: THIS DOCUMENT MUST NOT BE REMOVED FROM THE REGISTRAR GENERAL'S OFFICE.

RG 2/64

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED

DP605465
3 of 3 Pts

Vol. 14018 Fol. 98

FIRST SCHEDULE (continued)

REGISTERED PROPRIETOR	INSTRUMENT NATURE	INSTRUMENT NUMBER	REGISTERED	Signature of Registrar General
Taba Properties Pty ~~Ltd~~ LIMITED as to two undivided one third shares and Anne Patricia Fulton of Manly, Married Woman as to the remaining undivided one third share as tenants in common	see	DP. 605465	30-5-1980	

NEW CERTIFICATES OF TITLE ISSUING ON DP605465
NO DEALING TO BE REGISTERED WITHOUT REFERENCE TO SURVEY DRAFTING BRANCH.

SECOND SCHEDULE (continued)

INSTRUMENT NATURE	INSTRUMENT NUMBER	PARTICULARS	REGISTERED	Signature of Registrar General	CANCELLATION	
		This deed is cancelled as to whole				
		New Certificates of Title have issued on 26.6.1980				
		for lots in Deposited Plan No. 605465 as follows:-				
		Lots 1 & 2 Vol. 7162 Fol. 36 & 37 respectively.				
		REGISTRAR GENERAL				

(Page 2 of 2 pages)

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED

Req:R456120 /Doc:CT 14018-098 CT /Rev:23-Dec-2010 /NSW LRS /Pgs:ALL /Prt:24-Apr-2023 12:12 /Seq:2 of 2
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Req:R456111 /Doc:CT 14162-037 CT /Rev:23-Dec-2010 /NSW LRS /Pgs:ALL /Prt:24-Apr-2023 12:11 /Seq:1 of 2
© Office of the Registrar-General /Src:InfoTrack /Ref:35 - 43 Belgrave Street? Manly

14162037

[redacted]FICATE OF TITLE

NEW SOUTH WALES

[redacted]AL PROPERTY ACT, 1900

Appln. No.18475

Prior Title Vol.14018 Fol.98

Vol. 14162 Fol. 37

EDITION ISSUED

27 6 1980

14162 Fol. 37

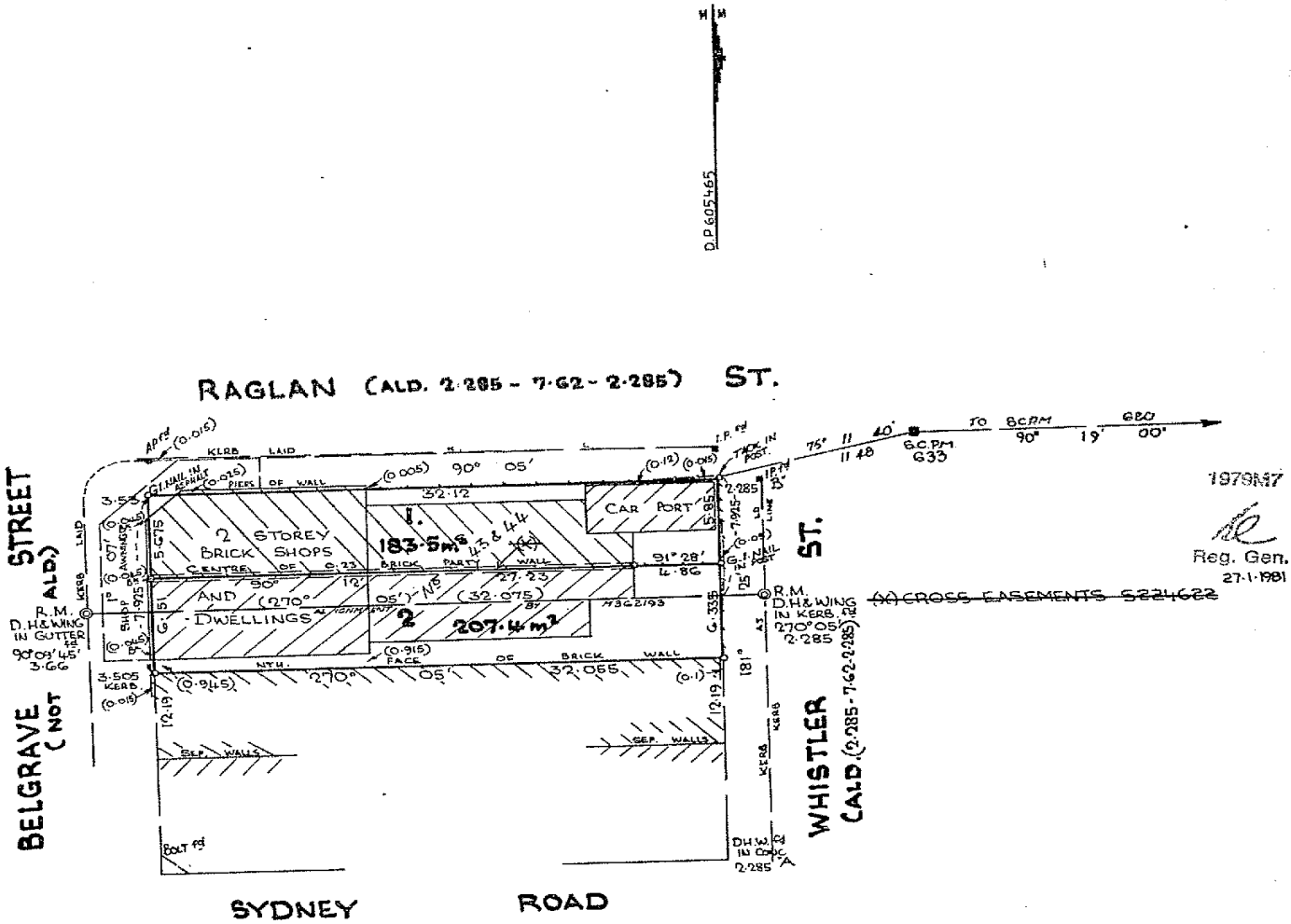
(Page 1) Vol. .....

I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions encumbrances and interests as are shown in the Second Schedule.

Registrar General.

PLAN SHOWING LOCATION OF LAND

LENGTHS ARE IN METRES



ESTATE AND LAND REFERRED TO

Estate in Fee Simple in Lot 2 in Deposited Plan 605465 in the Municipality of Manly Parish of Manly Cove and County of Cumberland being part of 40.47 hectares granted to John Thompson on 13-4-1842.

FIRST SCHEDULE

~~TAKA PROPERTIES PTY. LIMITED as to two undivided one third shares and ANNE PATRICIA FULTON of Manly, Married Woman as to the remaining undivided one third share, as Tenants in Common.~~

SECOND SCHEDULE

1. Reservations and conditions, if any, contained in the Crown Grant above referred to.
2. ~~R451630 Mortgage to C.B.F.C. Limited.~~ Discharged S224621

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

WARNING: THIS DOCUMENT MUST NOT BE REMOVED FROM THE REGISTRAR GENERAL'S OFFICE.

RG 2/64

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED

Req:R456111 /Doc:CT 14162-037 CT /Rev:23-Dec-2010 /NSW LRS /Pgs:ALL /Prt:24-Apr-2023 12:11 /Seq:2 of 2
© Office of the Registrar-General /Src:InfoTrack /Ref:35 - 43 Belgrave Street? Manly

Vol. 14162 Fol. 37

FIRST SCHEDULE (continued)

REGISTERED PROPRIETOR	INSTRUMENT NATURE	INSTRUMENT NUMBER	REGISTERED	Signature of Registrar General
Manly Municipal Council	Transfer	S224622	5-2-1981	

S224622

Affected by realignment vide Gaz. 93 2/11/1983 Fol. 5891.

DP719821 R

SECOND SCHEDULE (continued)

INSTRUMENT NATURE	INSTRUMENT NUMBER	PARTICULARS	REGISTERED	Signature of Registrar General	CANCELLATION	
		...interest of the Council of the Local Government Area in the p... ...dedicated in DP 719821				
		Registered 8-1-1986				
		DP 719821 Registered 8-1-1986				
		This folio is cancelled as to whole/[redacted] upon cr... ...computer folios for lot / ex. road ... abovementioned plan.				
		...portion of land in sai... road.				

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED

LAND REGISTRY SERVICES Historical Search

NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

24/4/2023 12:09PM

FOLIO: 1/719821

First Title(s): OLD SYSTEM
Prior Title(s): VOL 14162 FOL 37

Recorded	Number	Type of Instrument	C.T. Issue
8/1/1986	DP719821	DEPOSITED PLAN	FOLIO CREATED EDITION 1
5/3/1986	W226873	TRANSFER	
5/3/1986	W226874	MORTGAGE	EDITION 2
19/12/1986	W669040	DISCHARGE OF MORTGAGE	
19/12/1986	W669041	MORTGAGE	EDITION 3
12/6/1987	W931655	MORTGAGE	EDITION 4
22/5/1989	Y336991	LEASE	
22/5/1989	Y336992	LEASE	
22/5/1989	Y336993	LEASE	
22/5/1989	Y336994	LEASE	EDITION 5
3/7/1990	Y949747	DISCHARGE OF MORTGAGE	
3/7/1990	Y963926	SURRENDER OF LEASE	
3/7/1990	Y963927	LEASE	
3/7/1990	Y963928	LEASE	EDITION 6
9/3/1995	O72300	DISCHARGE OF MORTGAGE	EDITION 7
17/3/1995	O96111	MORTGAGE	EDITION 8
13/4/1995	O161933	LEASE	
13/4/1995	O161934	LEASE	EDITION 9
8/11/2000	7146493	TRANSFER OF MORTGAGE	EDITION 10
4/4/2001	7521588	DISCHARGE OF MORTGAGE	
4/4/2001	7521589	MORTGAGE	EDITION 11
19/2/2007	AC945458	CAVEAT	
5/2/2009	AE482242	WITHDRAWAL OF CAVEAT	
17/4/2012	AG927177	DISCHARGE OF MORTGAGE	EDITION 12
1/9/2022	AS439809	CAVEAT	EDITION 13

END OF PAGE 1 - CONTINUED OVER

SEARCH DATE
24/4/2023 12:09PM

FOLIO: 1/719821 PAGE 2

Recorded	Number	Type of Instrument	C.T. Issue

*** END OF SEARCH ***

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Received: 24/04/2023 12:09:26

NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: 1/719821

SEARCH DATE	TIME	EDITION NO	DATE
24/4/2023	12:09 PM	13	1/9/2022

LAND

LOT 1 IN DEPOSITED PLAN 719821
AT MANLY
LOCAL GOVERNMENT AREA NORTHERN BEACHES
PARISH OF MANLY COVE COUNTY OF CUMBERLAND
TITLE DIAGRAM DP719821

FIRST SCHEDULE

REGINALD JOHN FORSTER (T W226873)

SECOND SCHEDULE (2 NOTIFICATIONS)

---

1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
* 2 AS439809 CAVEAT BY T&P LANDCO PTY LTD

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

* Any entries preceded by an asterisk do not appear on the current edition of the Certificate of Title. Warning: the information appearing under notations has not been formally recorded in the Register. InfoTrack an approved NSW Information Broker hereby certifies that the information contained in this document has been provided electronically by the Registrar General in accordance with Section 96B(2) of the Real Property Act 1900.

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Received: 24/04/2023 12:09:24

NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

24/4/2023 12:08PM

FOLIO: 1/34395

First Title(s): OLD SYSTEM
Prior Title(s): VOL 7266 FOL 189

Recorded	Number	Type of Instrument	C.T. Issue
23/7/1990	Y963926	SURRENDER OF LEASE	FOLIO CREATED EDITION 1
16/7/1991	Z753551	LEASE	EDITION 2
9/3/1995	O72301	DISCHARGE OF MORTGAGE	EDITION 3
17/3/1995	O96111	MORTGAGE	EDITION 4
8/11/2000	7146493	TRANSFER OF MORTGAGE	EDITION 5
4/4/2001	7521588	DISCHARGE OF MORTGAGE	
4/4/2001	7521589	MORTGAGE	EDITION 6
21/11/2006	AC753124	LEASE	EDITION 7
19/2/2007	AC945458	CAVEAT	
5/2/2009	AE482242	WITHDRAWAL OF CAVEAT	
17/4/2012	AG927177	DISCHARGE OF MORTGAGE	EDITION 8
13/1/2015	AJ165744	LEASE	EDITION 9
1/9/2022	AS439809	CAVEAT	EDITION 10

*** END OF SEARCH ***

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Received: 24/04/2023 12:08:36

NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: 1/34395

SEARCH DATE	TIME	EDITION NO	DATE
24/4/2023	12:08 PM	10	1/9/2022

LAND

LOT 1 IN DEPOSITED PLAN 34395
AT MANLY
LOCAL GOVERNMENT AREA NORTHERN BEACHES
PARISH OF MANLY COVE COUNTY OF CUMBERLAND
TITLE DIAGRAM DP34395

FIRST SCHEDULE

REGINALD JOHN FORSTER

SECOND SCHEDULE (3 NOTIFICATIONS)

---

1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
2 AJ165744 LEASE TO BACKPACKERS BUDDY PTY LIMITED OF GROUND FLOOR SHOP AT 42 BELGRAVE ST MANLY. EXPIRES: 30/9/2018. OPTION OF RENEWAL: 4 YEARS.
* 3 AS439809 CAVEAT BY T&P LANDCO PTY LTD

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

* Any entries preceded by an asterisk do not appear on the current edition of the Certificate of Title. Warning: the information appearing under notations has not been formally recorded in the Register. InfoTrack an approved NSW Information Broker hereby certifies that the information contained in this document has been provided electronically by the Registrar General in accordance with Section 96B(2) of the Real Property Act 1900.

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Req:R456058 /Doc:CT 10286-132 CT /Rev:01-Feb-2011 /NSW LRS /Pgs:ALL /Prt:24-Apr-2023 12:07 /Seq:1 of 2
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10286132

[redacted]RTIFICATE OF TITLE

NEW SOUTH WALES — OPERTY ACT, 1900, as amended.

Appln. No. 18475.
Prior Title Vol. 4898 Fol. 143.

LB.

Vol. 10286 Fol. 132

Edition issued 7.4.1966.

K264155.

(Page 1) Vol. 10286 Fol. 132

I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions encumbrances and interests as are shown in the Second Schedule.

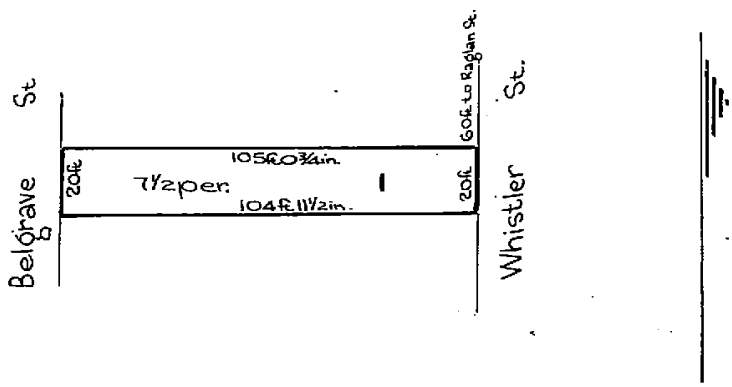
Witness D. O'Sullivan.

Registrar General.

CANCELLED

SEE AUTO FOLIO

PLAN SHOWING LOCATION OF LAND



K264155 M64 39

Scale: 40 feet to one inch.

ESTATE AND LAND REFERRED TO

F.P. [illegible]

Estate in Fee Simple in Lot 1 in plan lodged with Transfer N. A331428 (Filed as F.P. 104766) in the Municipality of Manly Parish of Manly Cove and County of Cumberland being part of 100 acres granted to John Thompson on 13.4.1842.

Registrar General.

FIRST SCHEDULE (continued overleaf)

~~MAYS INVESTMENTS PTY. LIMITED.~~

Registrar General.

SECOND SCHEDULE (continued overleaf)

SRY

1. Reservations and conditions, if any, contained in the Crown Grant above referred to.

Registrar General.

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

WARNING THIS DOCUMENT MUST NOT BE REMOVED FROM THE LAND TITLES OFFICE

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED

PT 1, 17 V.C.N. Blight, Government Printer

Vol. 10286 Fol 132

FIRST SCHEDULE (continued)

REGISTERED PROPRIETOR	INSTRUMENT NATURE	INSTRUMENT NUMBER	INSTRUMENT DATE	ENTERED	Signature of Registrar-General
~~Donjan Investments Pty Limited~~	Transfer	L277757	18-8-1972	7-9-1972	
~~Francis Roy Fordham of Manly, Manager and Gertrude Mary Fordham his wife as joint tenants~~	Transfer	P863900		30-8-1976	
~~George Francis Sigeloki of Elanora Heights, Company Director~~	Transfer	R169936	-------	9-4-1979	
Laurence John Betteridge and Joan Cecilia Betteridge as joint tenants in ½ share and Marie Joan Winsbury as to the remaining ½ share as tenants in common by Transfer W750113. Registered 20-2-1987.					
CANCELLED					
SEE AUTO FOLIO					

SECOND SCHEDULE (continued)

INSTRUMENT NATURE	INSTRUMENT NUMBER	INSTRUMENT DATE	PARTICULARS	ENTERED	Signature of Registrar-General	CANCELLATION		
~~Lease~~	~~L521418~~	~~21-5-1969~~	~~to Manly Furniture Auctions Pty Limited~~	~~13-8-1969~~		~~Expired~~	~~7-9-1972~~	
~~Mortgage~~	~~M277208~~	~~18-8-1972~~	~~to Ronald John Curry of Sydney, Solicitor~~	~~7-9-1972~~		~~Discharged~~	~~P863898~~	
~~Mortgage~~	~~M882330~~	~~6-8-1977~~	~~to Finance Corporation of Australia Limited~~	~~23-10-1977~~		~~Discharged~~	~~P863899~~	
~~Mortgage~~	~~P863901~~	~~-------~~	~~to Ronald John Curry of Sydney, Solicitor~~	~~30-8-1976~~		~~Discharged~~	~~R169935~~	
~~Mortgage~~	~~R169937~~	~~-------~~	~~to Ronald John Curry of Sydney, Solicitor~~	~~9-4-1979~~		~~Discharged~~	~~T152334~~	
Mortgage	R185109	------	to A.G.C.(Advances) Limited.	26-4-1979		Discharged	V781611	
~~T152336 Mortgage to Margaret Hodge, Solange Gane, Kathleen Stafford, Dorothy May Johnson, Ursula Kaiser and Beryl Hilda Hardress as tenants in common. Registered 8-9-1982~~								
~~R185109 Mortgage)~~						Discharged	V781610	
~~T152336 Mortgage) Priority T152336, R185109 by Postponement T152335. Registered 8-9-1982~~						Cancelled	V781611	
~~T264707 Mortgage to A.G.C. (Advances) Limited. Registered 11-10-1982.~~						Discharged	V781612	
~~V781613 Mortgage to Ursula Margit Hella Von Burchhoff, Donald James Harvey, Shirley Robinson, James Vivian Harvey, Walter Arthur Wilding, Robert Joseph Del Pergula, Vera Del Pergula, Solange Gane, Kathleen Margaret Hodge, Rebecca Rose, Sylvia May Curry, Beryl Hilda Nellie Hardress, Dorothy May Johnson, Carl McInnes, Ursula Kaiser, Gaie McEvoy and Miranda Greenwood - for tenancy see dealing. Registered 17-7-1985.~~						Discharged	W750112	

(Page 2 of 2 pages)

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR-GENERAL ARE CANCELLED

Req:R456058 /Doc:CT 10286-132 CT /Rev:01-Feb-2011 /NSW LRS /Pgs:ALL /Prt:24-Apr-2023 12:07 /Seq:2 of 2
© Office of the Registrar-General /Src:InfoTrack /Ref:35 - 43 Belgrave Street? Manly

NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

24/4/2023 12:06PM

FOLIO: 1/104766

First Title(s): SEE PRIOR TITLE(S)
Prior Title(s): VOL 10286 FOL 132

Recorded	Number	Type of Instrument	C.T. Issue
21/8/1988		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
18/10/1988		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
22/8/1989	Y545164	TRANSFER	EDITION 1
10/5/1990	Y988183	LEASE	EDITION 2
18/2/1993	I127340	MORTGAGE	EDITION 3
9/11/1993	I781597	LEASE	EDITION 4
24/6/1996	2250243	REQUEST	EDITION 5
14/8/1996	2379433	DISCHARGE OF MORTGAGE	
14/8/1996	2379434	TRANSFER	
14/8/1996	2379435	MORTGAGE	EDITION 6
4/6/1998	3876535	LEASE	
13/8/1998	3876534	LEASE	
13/8/1998	5195355	CHANGE OF NAME	
13/8/1998	5195356	VARIATION OF MORTGAGE	EDITION 7
2/5/2000	6745168	DISCHARGE OF MORTGAGE	
2/5/2000	6745169	MORTGAGE	EDITION 8
12/8/2002	8855595	DISCHARGE OF MORTGAGE	EDITION 9
4/12/2002	9190284	LEASE	
4/12/2002	9190285	LEASE	EDITION 10
18/3/2003	9459486	LEASE	EDITION 11
13/2/2016	AJ570936	REJECTED - LEASE	
13/2/2016	AJ678751	REJECTED - LEASE	
13/6/2019	AP306707	LEASE	EDITION 12

END OF PAGE 1 - CONTINUED OVER

SEARCH DATE
24/4/2023 12:06PM

FOLIO: 1/104766 PAGE 2

Recorded	Number	Type of Instrument	C.T. Issue
1/3/2022	AR919799	LEASE	EDITION 13
28/12/2022	AS761639	CAVEAT	EDITION 14
24/3/2023	AS772724	LEASE	EDITION 15

*** END OF SEARCH ***

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Received: 24/04/2023 12:06:59

Req:R456052 /Doc:DL Y545164 /Rev:16-Aug-2010 /NSW LRS /Pgs:ALL /Prt:24-Apr-2023 12:07 /Seq:1 of 2
© Office of the Registrar-General /Src:InfoTrack /Ref:35 - 43 Belgrave Street? Manly

RP 13 (1) STAMP DUTY [redacted]

Y545164

$1-00

TRANSFER

REAL PROPERTY ACT, 1900

T CA 1 of 1 X

$ 44

R 1/1.

	Torrens Title Reference	If Part Only, Delete Whole and Give Details	Location
DESCRIPTION OF LAND Note (a)	Folio Identifier 1/104766	~~WHOLE~~ PART - being a one-half share as tenant in common	Situate at Manly Municipality of Manly Parish of Manly Cove County of Cumberland

TRANSFEROR Note (b)

MARIE JOAN McKEE (nee WINSBURY) of 139 Harbord Road, Harbord

ESTATE Note (c)

(the abovenamed TRANSFEROR) hereby acknowledges receipt of the consideration of $ 560,000.00

and transfers an estate in fee simple in the land above described to the TRANSFEREE

TRANSFEREE Note (d)

LAURENCE JOHN BETTERIDGE and JOAN CECILIA BETTERIDGE both of 41 Parriwi Road, Mosman

RESULTING IN the said LAURENCE JOHN BETTERIDGE & JOAN CECILIA BETTERIDGE holding the whole of the property as joint tenants

TENANCY Note (e)

as joint tenants/~~tenants in common~~

OFFICE USE ONLY

OVER.

PRIOR ENCUMBRANCES Note (f)

subject to the following PRIOR ENCUMBRANCES 1. Reservations & Conditions in the Crown Grant

2. ..... 3. .....

DATE

We hereby certify this dealing to be correct for the purposes of the Real Property Act, 1900.

EXECUTION Note (g)

Signed in my presence by the transferor who is personally known to me

[redacted]
Signature of Witness

R. R. Bruce - Solicitor
Name of Witness (BLOCK LETTERS)

3/61 Macquarie St
Address and occupation of Witness

Sydney
.....

M. McKee (1.8.89)
Signature of Transferor

Signed in my presence by the transferee who is personally known to me

Note (g)

.....
Signature of Witness

.....
Name of Witness (BLOCK LETTERS)

254 .....
Address and occupation of Witness

.....

Sylvia Liddle
Signature of Transferee

Solicitor for Transferee
Sylvia Liddle

TO BE COMPLETED BY LODGING PARTY Notes (h) and (i)

$44 A-

LODGED BY

R. HAZLETT & Co.
BOX 381H
FAX: 264 7752

Delivery Box Number

LOCATION OF DOCUMENTS

CT	OTHER	
	[redacted]	Herewith. ✓
		In L.T.O. with
		Produced by

OFFICE USE ONLY

Checked	Passed	REGISTERED - -19
BA3		22 AUG 1989
Signed	Extra Fee	

Secondary Directions	
Delivery Directions	OVER

$=*******1.00 STAMP-DUTY 1/08/89 29905 0 CRN

S/Pcs, M. Certif to Cr.

S/Pcs, Certif myself.

RP 13
1985

INSTRUCTIONS FOR COMPLETION

This dealing should be marked by the Commissioner of Stamp Duties before lodgment by hand at the Land Titles Office.

Typewriting and handwriting should be clear, legible and in permanent dense black or dark blue non-copying ink.

Alterations are not to be made be erasure; the words rejected are to be ruled through and initialled by the parties to the dealing in the left-hand margin.

If the space provided is insufficient, additional sheets of the same size and quality of paper and having the same margins as this form should be used. Each additional sheet must be identified as an annexure and signed by the parties and the attesting witnesses.

If it is intended to create easements, covenants, &c., use forms RP13A, RP13B, RP13C as appropriate.

Rule up all blanks.

The following instructions relate to the SIDE NOTES on the form.

(a) Description of land:

(i) TORRENS TITLE REFERENCE. — For a manual reference insert the Volume and Folio (e.g., Vol. 8514 Fol. 126) — For a computer folio insert the folio identifier (e.g., 12/701924).

(ii) PART/WHOLE. — If part only of the land in the folio of the Register is being transferred, delete the word "WHOLE" and insert the lot and plan number, portion, &c. See also sections 327 and 327AA of the Local Government Act, 1919.

(iii) LOCATION. — Insert the locality shown on the Certificate of Title/Crown Grant, e.g., at Chullora. If the locality is not shown, insert the Parish and County, e.g., Ph. Lismore Co. Rous

(b) Show the full name of the transferor(s).

(c) If the estate being transferred is a lesser estate than an estate in fee simple, delete "fee simple" and insert appropriate estate.

(d) Show the full name, address and occupation or description of the transferee(s).

(e) Delete if only one transferee. If more than one transferee, delete either "joint tenants" or "tenants in common", and, if the transferees hold as tenants in common, state the shares in which they hold.

(f) In the memorandum of prior encumbrances, state only the registered number of any mortgage, lease, charge or writ to which this dealing is subject.

(g) Execution:

GENERALLY (i) Should there be insufficient space for the execution of this dealing, use an annexure sheet.
(ii) The certificate of correctness under the Real Property Act, 1900, must be signed by all parties to the transfer, each party to execute the dealing in the presence of an adult witness not being a party to the dealing, to whom he/she is personally known.
The solicitor for the transferee may sign the certificate on behalf of the transferee, the solicitor's name (not that of his/her firm), to be typewritten or printed adjacent to the signature. Any person falsely or negligently certifying is liable to the penalties provided by section 117 of the Real Property Act, 1900.

ATTORNEY (iii) If the transfer is executed by an attorney for the transferor/transferee pursuant to a registered power of attorney, the form of attestation must set out the full name of the attorney, and the form of execution must indicate the source of his/her authority, e.g., "AB by his attorney (or receiver or delegate, as the case may be) XY pursuant to power of attorney registered Book No.

AUTHORITY (iv) If the transfer is executed pursuant to an authority (other than specified in (iii)) the form of execution must indicate the statutory, judicial or other authority pursuant to which the transfer has been executed.

CORPORATION (v) If the transfer is executed by a corporation under seal, the form of execution should include a statement that the seal has been properly affixed, e.g., in accordance with the Articles of Association of the corporation. Each person attesting the affixing of the seal must state his/her position (e.g., director, secretary) in the corporation.

(h) Insert the name, postal address, Document Exchange reference, telephone number and delivery box number of the lodging party.

(i) The lodging party is to complete the LOCATION OF DOCUMENTS panel. Place a tick in the appropriate box to indicate the whereabout of the Certificate of Title. List, in an abbreviated form, other documents lodged, e.g., stat. dec. for statutory declaration, pbte for probate, L/A. for letters of administration, &c.

OFFICE USE ONLY

FIRST SCHEDULE DIRECTIONS

(A) FOLIO IDENTIFIER	(B) DIRECTION	(C) NAME
	JT 2	Laurence John Betteridge & Joan Cecilia Betteridge.

SECOND SCHEDULE AND OTHER DIRECTIONS

(D) FOLIO IDENTIFIER	(E) DIRECTION	(F) NOTFN TYPE	(G) DEALING NUMBER	(H) DETAILS
	CT	—	381 H	

S&M Law Stationers 1985

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Req:R456052 /Doc:DL Y545164 /Rev:16-Aug-2010 /NSW LRS /Pgs:ALL /Prt:24-Apr-2023 12:07 /Seq:2 of 2

NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: 1/104766

SEARCH DATE	TIME	EDITION NO	DATE
24/4/2023	12:06 PM	15	24/3/2023

LAND

LOT 1 IN DEPOSITED PLAN 104766
LOCAL GOVERNMENT AREA NORTHERN BEACHES
PARISH OF MANLY COVE COUNTY OF CUMBERLAND
TITLE DIAGRAM DP104766

FIRST SCHEDULE

NAOMAND DEVELOPMENTS PTY LIMITED (T 2379434)

SECOND SCHEDULE (4 NOTIFICATIONS)

1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
2 AR919799 LEASE TO BENJAMIN ALDRIDGE OF THE LOCK UP PREMISES KNOWN AS 41 BELGRAVE STREET, MANLY. EXPIRES: 14/10/2024. OPTION OF RENEWAL: 3 YEARS.
* 3 AS761639 CAVEAT BY T&P LANDCO PTY LTD
* AS772724 CAVEATOR CONSENTED
4 AS772724 LEASE TO NGUYEN SONG TRA LE OF SHOP, 21B WHISTLER STREET, MANLY. EXPIRES: 17/12/2024. OPTION OF RENEWAL: 3 YEARS.

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

* Any entries preceded by an asterisk do not appear on the current edition of the Certificate of Title. Warning: the information appearing under notations has not been formally recorded in the Register. InfoTrack an approved NSW Information Broker hereby certifies that the information contained in this document has been provided electronically by the Registrar General in accordance with Section 96B(2) of the Real Property Act 1900.

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Received: 24/04/2023 12:06:55

Req:R456037 /Doc:CT 09754-239 CT /Rev:01-Feb-2011 /NSW LRS /Pgs:ALL /Prt:24-Apr-2023 12:05 /Seq:1 of 2
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09754239

[redacted]RTIFICATE OF TITLE

NEW SOUTH WALES [redacted]OPERTY ACT, 1900, as amended.

Application No.18475
Prior Title Volume 2931 Folio 7
77.

Vol. 9754 Fol. 239

1st Edition issued 21.7.1964

ML J628329

(Page 1) Vol. 9754 Fol. 239

I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions encumbrances and interests as are shown in the Second Schedule.

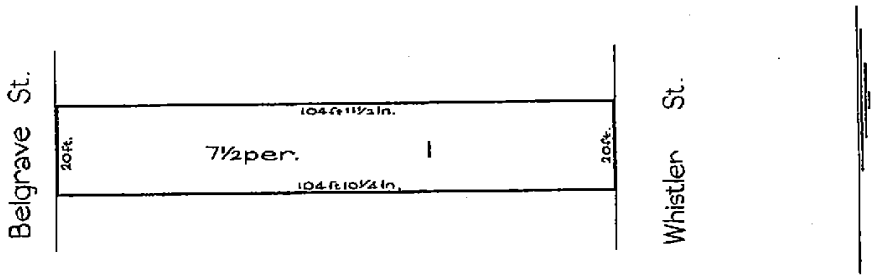
CANCELLED

Witness

Registrar General

SEE AUTO FOLIO

PLAN SHOWING LOCATION OF LAND



J628329

Scale: 30feet to one inch.

ESTATE AND LAND REFERRED TO

Estate in Fee Simple in Lot 1 Deposited Plan 100633, Municipality of Manly, Parish of Manly Cove and County of Cumberland, being part of 100 acres granted to John Thompson on 13.4.1842.

Registrar General.

FIRST SCHEDULE (Continued overleaf)

~~DAVID HAWKINGS, of Lane Cove, General Contractor.~~

Registrar General.

SECOND SCHEDULE (Continued overleaf)

GRY

1. Reservations and conditions, if any, contained in the Crown Grant(s) above referred to.

Registrar General.

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

WARNING: THIS DOCUMENT MUST NOT BE REMOVED FROM THE LAND TITLES OFFICE.

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED.

Req:R456037 /Doc:CT 09754-239 CT /Rev:01-Feb-2011 /NSW LRS /Pgs:ALL /Prt:24-Apr-2023 12:05 /Seq:2 of 2
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Vol. 9754 Fol 239

FIRST SCHEDULE (continued)

REGISTERED PROPRIETOR	INSTRUMENT NATURE	INSTRUMENT NUMBER	INSTRUMENT DATE	ENTERED	Signature of Registrar General
~~George Porter Green, of Manly, Pharmaceutical Chemist, and Marie Theresa Green, his wife, as tenants in common.~~	~~Transfer~~	~~J622369~~	~~24.3.1964~~	~~10.8.1964~~	
~~George Porter Green of Manly Pharmaceutical Chemist and Marie Theresa Green his wife as joint tenants~~	~~Transfer~~	~~K834878~~	~~5-10-1967~~	~~23-10-1967~~	
Arnold Finkelstein of Mosman, Company Director and Ruth Finkelstein his wife, as tenants in common	Transfer	R16835	-------	8-1-1979	
CANCELLED					
SEE AUTO FOLIO					

J622369 R — 70 D
K834877 I P7
L117046 D/L — 7 M
L121613 M
M106709 J
M126625 M
R16833 D — 5
T999263 Lse
W509092 T/L

SECOND SCHEDULE (continued)

INSTRUMENT NATURE	INSTRUMENT NUMBER	INSTRUMENT DATE	PARTICULARS	ENTERED	Signature of Registrar General	CANCELLATION		
~~Mortgage~~	~~J622370~~	~~14.2.1964~~	~~to Bank of New South Wales.~~	~~10.8.1964~~		Discharged	K834877	
~~Mortgage~~	~~K859198~~	~~7-11-1967~~	~~to Bank of New South Wales~~	~~15-11-1967~~		Discharged	L117046	
~~Mortgage~~	~~L117047~~	~~15-7-1968~~	~~to Director of War Service Homes~~	~~29-7-1968~~		Discharged	R16833	
~~Mortgage~~	~~L121613~~	~~24.7.1968~~	~~To Bank of New South Wales~~	~~14-8-1968~~		discharged	M106709	
Mortgage	M126625	22.10.1970	to Bank of New South Wales	22.1.1971		Discharged	R16834	
T999263 P Lease to Ramadan Ali, Carolyn Ali, Osman Ali and Rusan Ali as joint tenants of premises being Ground Floor 40 Belgrave Street, Manly. Expires 31-1-~~1984~~ 1994. Registered 7-3-~~1984~~.								
T999263 P Lease W509092. Transfer of Lease. Lessee Now: Artin Pty. Limited. Registered 24.9.1986.								

NOP U(L)

(Page 2 of 2 pages)

FORM No. 62

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED

NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

24/4/2023 12:04PM

FOLIO: 1/100633

First Title(s): SEE PRIOR TITLE(S)
Prior Title(s): VOL 9754 FOL 239

Recorded	Number	Type of Instrument	C.T. Issue
21/8/1988		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
12/10/1988		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
19/10/1988	X902278	TRANSFER OF LEASE	
22/3/1989	Y255172	MORTGAGE	EDITION 1
30/1/1995	U975477	LEASE	EDITION 2
21/1/1998	3743403	SURRENDER OF LEASE	
21/1/1998	3743404	LEASE	EDITION 3
24/9/1999	6225327	DISCHARGE OF MORTGAGE	
24/9/1999	6225328	TRANSFER	EDITION 4
31/3/2003	9493608	LEASE	EDITION 5
17/6/2008	AE25322	LEASE	EDITION 6
8/11/2011	AG605035	LEASE	EDITION 7
29/9/2014	AI924866	LEASE	EDITION 8
15/10/2014	AI959389	VARIATION OF LEASE	
15/10/2014	AI959390	TRANSFER OF LEASE	EDITION 9
12/2/2018	AN111480	LEASE	EDITION 10
23/4/2021	AQ979535	LEASE	EDITION 11
17/11/2022	AS634495	CAVEAT	EDITION 12

*** END OF SEARCH ***

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Received: 24/04/2023 12:04:44

NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: 1/100633

SEARCH DATE	TIME	EDITION NO	DATE
24/4/2023	12:04 PM	12	17/11/2022

LAND

LOT 1 IN DEPOSITED PLAN 100633
LOCAL GOVERNMENT AREA NORTHERN BEACHES
PARISH OF MANLY COVE COUNTY OF CUMBERLAND
TITLE DIAGRAM DP100633

FIRST SCHEDULE

TORJONIC INVESTMENTS PTY LIMITED (T 6225328)

SECOND SCHEDULE (4 NOTIFICATIONS)

---

1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)

2 AN111480 LEASE TO LINDUS DRYCLEANING PTY LTD OF GROUND FLOOR SHOP, 40 BELGRAVE STREET, MANLY. EXPIRES: 30/6/2020. OPTION OF RENEWAL: 5 YEARS.

3 AQ979535 LEASE TO AR AN TRA PTY LTD OF LOCK UP SHOP, 21A WHISTLER STREET, MANLY. EXPIRES: 31/8/2023. OPTION OF RENEWAL: 5 YEARS.

* 4 AS634495 CAVEAT BY T&P LANDCO PTY LTD

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

* Any entries preceded by an asterisk do not appear on the current edition of the Certificate of Title. Warning: the information appearing under notations has not been formally recorded in the Register. InfoTrack an approved NSW Information Broker hereby certifies that the information contained in this document has been provided electronically by the Registrar General in accordance with Section 96B(2) of the Real Property Act 1900.

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Received: 24/04/2023 12:04:32

NEW SOUTH WALES

CERTIFICATE OF TITLE

REAL PROPERTY ACT, 1900

CANCELLED

TORRENS TITLE
Register

Vol. 13957 Fol. 234

SEE AUTO FOLIO

EDITION ISSUED

24 9 1979

Appln. No.18475 CS

Crown Grant Serial 75 Page 11

Prior Title Vol.6176 Fol.202

(Page 1) Vol. 13957 Fol. 234

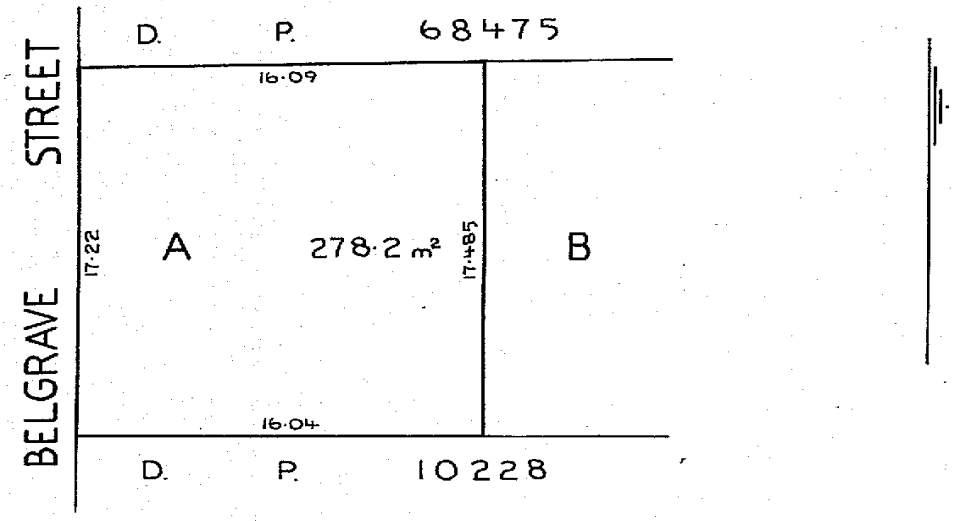
I certify that The Proprietors - Strata Plan No. 14133 is the registered proprietor of an Estate in Fee Simple in the common property in the strata scheme relating to the Strata Plan so numbered, within the land herein described, subject nevertheless to the exceptions encumbrances and interests recorded hereon and to the reservations and conditions, if any, contained in the Crown grant.

S

Registrar General.

PLAN SHOWING LOCATION OF LAND

LENGTHS ARE IN METRES — REDUCTION RATIO 1: 250



ADDRESS FOR SERVICE OF NOTICES: 35-39 BELGRAVE STREET, MANLY. 2095.

S — LAND REFERRED TO Lot A in Deposited Plan 368451 at Manly in the Municipality of Manly Parish of Manly Cove and County of Cumberland.

~~NX~~

GRY EXCEPTIONS ENCUMBRANCES AND INTERESTS REFERRED TO

1. ~~R201228 Mortgage to Harry Manning of Manly, Retailer and Vera May Manning, his wife as joint tenants.~~ Discharged R657367

SCHEDULE OF UNIT ENTITLEMENT

Aggregate unit entitlement: 1000

Lot No.	Strata Plan No.	Unit Entitlement
1	14133	166
2	"	166
3	"	166
4	"	166
5	"	~~166~~ 116
6	"	110
7	"	110

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

WARNING: THIS DOCUMENT MUST NOT BE REMOVED FROM THE LAND TITLES OFFICE.

13957/234

Req:R456015 /Doc:CT 13957-234 CT /Rev:23-Feb-2011 /NSW LRS /Pgs:ALL /Prt:24-Apr-2023 12:03 /Seq:1 of 2
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RECORDINGS (continued)

INSTRUMENT NATURE	INSTRUMENT NUMBER	PARTICULARS	REGISTERED	Signature of Registrar General	CANCELLATION	

NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: CP/SP14133

SEARCH DATE	TIME	EDITION NO	DATE
24/4/2023	12:02 PM	-	-

VOL 13957 FOL 234 IS THE CURRENT CERTIFICATE OF TITLE

LAND

THE COMMON PROPERTY IN THE STRATA SCHEME BASED ON STRATA PLAN 14133 WITHIN THE PARCEL SHOWN IN THE TITLE DIAGRAM

AT MANLY
LOCAL GOVERNMENT AREA NORTHERN BEACHES
PARISH OF MANLY COVE COUNTY OF CUMBERLAND
TITLE DIAGRAM SHEET 1 SP14133

FIRST SCHEDULE

THE OWNERS - STRATA PLAN NO. 14133
ADDRESS FOR SERVICE OF DOCUMENTS:
35-39 BELGRAVE STREET
MANLY 2095

SECOND SCHEDULE (2 NOTIFICATIONS)

---

1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
* 2 ATTENTION IS DIRECTED TO BY-LAWS SET OUT IN SCHEDULE 2 STRATA SCHEMES MANAGEMENT REGULATION 2016

SCHEDULE OF UNIT ENTITLEMENT (AGGREGATE: 1000)

STRATA PLAN 14133

LOT	ENT	LOT	ENT	LOT	ENT	LOT	ENT
1	166	2	166	3	166	4	166
5	116	6	110	7	110		

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

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Section 10.7 Certificates

Northern Beaches Council Planning Certificate – Part 2&5

Applicant: Eis & Jk Group
115 Wicks Road
MACQUARIE PARK NSW 2113

Reference: E35999BT 2
Date: 17/04/2023
Certificate No. ePLC2023/02255

Address of Property: 40 Belgrave Street MANLY NSW 2095
Description of Property: Lot 1 DP 100633

Planning Certificate – Part 2

The following certificate is issued under the provisions of Section 10.7(2) of the *Environmental Planning and Assessment Act 1979* (as amended – formerly Section 149). The information applicable to the land is accurate as at the above date.

1. Relevant planning instruments and Development Control Plans

(1) The name of each environmental planning instrument and development control plan that applies to the carrying out of development on the land:

(a) Local Environmental Plan

Manly Local Environmental Plan 2013

(b) State Environmental Planning Policies and Regional Environmental Plans

State Environmental Planning Policy (Housing) 2021

State Environmental Planning Policy (Primary Production) 2021
Chapters 1,2

State Environmental Planning Policy (Resources and Energy) 2021
Chapters 1, 2

State Environmental Planning Policy (Resilience and Hazards) 2021
Chapters 1, 3, 4

State Environmental Planning Policy (Industry and Employment) 2021
Chapters 1, 3

State Environmental Planning Policy (Transport and Infrastructure) 2021
Chapters 1, 2, 3

State Environmental Planning Policy (Biodiversity and Conservation) 2021
Chapters 1, 2, 3, 4, 6, 7

State Environmental Planning Policy (Planning Systems) 2021
Chapters 1, 2

State Environmental Planning Policy (Precincts – Eastern Harbour City) 2021
Chapters 1, 2

State Environmental Planning Policy (Exempt and Complying Development Codes) 2008

SEPP 65 – Design Quality of Residential Apartment Development

SEPP (Building Sustainability Index: BASIX)

State Environmental Planning Policy (Biodiversity and Conservation) 2021
Chapter 10

(c) Development Control Plans

Manly Development Control Plan 2013

(2) Draft Environmental Planning Instruments

The name of each proposed environmental planning instrument and draft development control plan, which is or has been subject to community consultation or public exhibition under the Act, that will apply to the carrying out of development on the land.

(a) Draft Local Environmental Plans

(b) Draft State Environmental Planning Policies

Draft State Environmental Planning Policy (Environment)

Draft Remediation of Land State Environmental Planning Policy (intended to replace State Environmental Planning Policy 55)

(c) Draft Development Control Plans

2. Zoning and land use under relevant planning instruments

The following matters for each environmental planning instrument or draft environmental planning instrument that includes the land in a zone, however described—

(1) Zoning and land use under relevant Local Environmental Plans

(a), (b)

The following information identifies the purposes for which development may be carried out with or without development consent and the purposes for which the carrying out of development is prohibited, for all zones (however described) affecting the land to which the relevant Local Environmental Plan applies.

FORESHORE SCENIC PROTECTION AREA
ZONE B2 Local Centre

(b) Land uses for land within Zone B2 that may be carried out without development consent:

Home based child care; Home occupations.

(c) Land uses for land within Zone B2 that may be carried out only with development

consent:

Amusement centres; Boarding houses; Boat sheds; Car parks; Centre-based child care facilities; Commercial premises; Community facilities; Educational establishments; Entertainment facilities; Environmental protection works; Flood mitigation works; Function centres; Group homes; Health consulting rooms; Home businesses; Home industries; Hostels; Information and education facilities; Medical centres; Oyster aquaculture; Passenger transport facilities; Recreation facilities (indoor); Registered clubs; Respite day care centres; Restricted premises; Roads; Service stations; Shop top housing; Signage; Tank-based aquaculture; Tourist and visitor accommodation; Veterinary hospitals; Water recycling facilities; Water supply systems.

(d) Land uses for land within Zone B2 that are prohibited:

Pond-based aquaculture; Water treatment facilities; Any development not specified in items (b) and (c)

Employment zones reform implementation

On 26 April 2023, Business and Industrial zones will be replaced by Employment zones within standard instrument local environmental plans. The Department of Planning and Environment exhibited in May 2022 details of how each Local Environmental Plan that includes a Business or Industrial zone will be amended to include Employment zones. The exhibition detail can be viewed on the Planning Portal.

Within Council's LEPs there are areas that will not be covered by the 26 April 2023 commencement date. This detail will be available from 14 December 2022.

(c) Additional permitted uses

Additional permitted uses, if any, for which development is permissible with development consent pursuant to Clause 2.5 and Schedule 1 of the relevant Local Environmental Plan:

Refer to Schedule 1 of Manly Local Environmental Plan 2013.

(d) Minimum land dimensions

The *Manly Local Environmental Plan 2013* contains no development standard that fixes minimum land dimensions for the erection of a dwelling house on the land.

(e) Outstanding biodiversity value

The land is not in an area of outstanding biodiversity value under the *Biodiversity Conservation Act 2016*

(f) Conservation areas

The land is not in a heritage conservation area.

(g) Item of environmental heritage

The land does not contain an item of environmental heritage.

(2) Zoning and land use under draft Local Environmental Plans

For any proposed changes to zoning and land use, see Part 1.2 (a)

Please contact Council's Strategic and Place Planning unit with enquiries on 1300 434 434.

3. Contribution plans

(1) The name of each contributions plan under the Act, Division 7.1 applying to the land, including draft contributions plans.

Northern Beaches Section 7.12 Contributions Plan 2022 - in force 1 June 2022.

(2) If the land is in a special contributions area under the Act, Division 7.1, the name of the area.

Nil

4. Complying Development

If the land is land on which complying development may or may not be carried out under each of the complying development codes under *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*, because of that Policy, clause 1.17A(1)(c)–(e), (2), (3) or (4), 1.18(1)(c3) or 1.19.

Part 3 Housing Code

Complying Development under the Housing Code may be carried out on all of the land.

Part 3A Rural Housing Code

Complying Development under the Rural Housing Code may be carried out on all of the land.

Part 3B Low Rise Housing Diversity Code

Complying Development under the Low Rise Housing Diversity Code may be carried out on all of the land.

Part 3C Greenfield Housing Code

Complying Development under the Greenfield Housing Code may not be carried out on all of the land.

Part 3D Inland Code

Complying Development under the Inland Code does not apply to the land.

Note: Pursuant to clause 3D.1 of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*, the Inland Code only applies to 'inland local government areas'. Northern Beaches local government area is not defined as an 'inland local government area' by *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*.

Part 4 Housing Alterations Code

Complying Development under the Housing Alterations Code may be carried out on all of the land.

Part 4A General Development Code

Complying Development under the General Development Code may be carried out on all of the land.

Part 5 Industrial and Business Alterations Code

Complying Development under the Industrial and Business Alterations Code may be carried out on all of the land.

Part 5A Industrial and Business Buildings Code

Complying Development under the Industrial and Business Buildings Code may be carried out on all of the land.

Part 5B Container Recycling Facilities Code

Complying Development under the Container Recycling Facilities Code may be carried out on all of the land.

Part 6 Subdivisions Code

Complying Development under the Subdivisions Code may be carried out on all of the land.

Part 7 Demolition Code

Complying Development under the Demolition Code may be carried out on all of the land.

Part 8 Fire Safety Code

Complying Development under the Fire Safety Code may be carried out on all of the land.

(4) Complying Development Codes varied under Clause 1.12 of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*

No complying codes are varied under this clause in relation to the land.

5. Exempt Development

If the land is land on which exempt development may or may not be carried out under each of the exempt development codes under *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*, because of that Policy, clause 1.16(1)(b1)–(d) or 1.16A.

Part 2 Exempt Development Codes

Exempt Development under the Exempt Development Codes may be carried out on all of the land.

(4) Exempt Development Codes varied under Clause 1.12 of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*

No exempt development codes are varied under this clause in relation to the land.

6. Affected building notices and building product rectification orders

(a) There is not an affected building notice of which the council is aware that is in force in respect of the land.

(b) There is not a building product rectification order of which the council is aware that is in force in respect of the land and has not been fully complied with, and

(c) There is not a notice of intention to make a building product rectification order of which the council is aware has been given in respect of the land and is outstanding.

In this section—

affected building notice has the same meaning the *Building Products (Safety) Act 2017, Part 4*.

building product rectification order has the same meaning as in the *Building Products (Safety) Act 2017*.

7. Land reserved for acquisition

Environmental planning instrument referred to in Clause 1 does not make provision in relation to the acquisition of the land by a public authority, as referred to in section 3.15 of the Act.

8. Road widening and road realignment

(a) The land is not affected by a road widening or re-alignment proposal under Division 2 of Part 3 of the *Roads Act 1993*.

(b) The land is not affected by a road widening or re-alignment proposal under an environmental planning instrument.

(c) The land is not affected by a road widening or re-alignment proposal under a resolution of Council.

9. Flood related development controls

(1) The land is within the flood planning area and subject to flood related development controls.

(2) The land or part of the land is between the flood planning area and the probable maximum flood and subject to flood related development controls.

In this section—

flood planning area has the same meaning as in the Floodplain Development Manual.

Floodplain Development Manual means the Floodplain Development Manual (ISBN 0 7347 5476 0) published by the NSW Government in April 2005.

probable maximum flood has the same meaning as in the Floodplain Development Manual.

10. Council and other public authority policies on hazard risk restriction

(a) Council has adopted policies that restrict the development of the land because of the likelihood of land slip, bush fire, tidal inundation, subsidence, acid sulfate soils, contamination, aircraft noise, salinity, coastal hazards, sea level rise or another risk, other than flooding (for flooding – see 9). The identified hazard or risk, if any, are listed below:

Acid Sulfate Soils - Class 4
This land is identified as Acid Sulfate Soils Class 4 on the Acid Sulfate Soils Map of the *Manly Local Environmental Plan 2013* (MLEP 2013). Restrictions apply to the carrying out of works on this land under Clause 6.1 of the MLEP 2013.
Geotechnical Risk (Landslip)
Development on all of the land is affected by Clause 4.1.8 - *Manly Development Control Plan 2013.*
Contaminated Lands

Council has adopted a contaminated land policy which may restrict the development of land. This policy is expressed to apply when zoning or land use changes are proposed on lands which are considered to be contaminated, or on lands which have been remediated for a specific use.

(b) The following information applies to any policy as adopted by any other public authority and notified to the Council for the express purpose of its adoption by that authority being referred to in a planning certificate issued by the Council. The identified hazard or risk and the respective Policy which affect the property, if any, are listed below:

Nil

11. Bush fire prone land

The land is not bush fire prone land.

12. Loose-fill asbestos insulation

The residential dwelling erected on this land has not been identified in the Loose-Fill Asbestos Insulation Register as containing loose-fill asbestos ceiling insulation.

This clause applies to residential premises (within the meaning of Division 1A of part 8 of the Home Building Act 1989) that are listed in the register that is required to be maintained under that Division.

Contact NSW Fair Trading for more information.

13. Mine Subsidence

The land is not declared to be a mine Subsidence (Mine Subsidence) district within the meaning of section 15 of the *Mine Subsidence (Mine Subsidence) Compensation Act, 1961*.

14. Paper subdivision information

There is no current paper subdivision, of which council is aware, in respect of this land according to Part 10 of the *Environmental Planning and Assessment Regulation 2021* and Schedule 7 of the *Environmental Planning & Assessment Act 1997 No 203*.

15. Property vegetation plans

The Council has not been notified that the land is land to which a vegetation plan under the *Native Vegetation Act 2003* applies.

16. Biodiversity Stewardship Sites

The Council has not been notified by the Biodiversity Conservation Trust that the land is a biodiversity stewardship site under a biodiversity stewardship agreement under Part 5 of the *Biodiversity Conservation Act 2016* (includes land to which a biobanking agreement under Part 7A of the repealed *Threatened Species Conservation Act 1995* relates).

17. Biodiversity certified land

The land is not biodiversity certified land under Part 8 of the *Biodiversity Conservation Act 2016* (includes land certified under Part 7AA of the repealed *Threatened Species Conservation Act 1995*).

18. Orders under Trees (Disputes Between Neighbours) Act 2006

Council has not been notified of the existence of an order made under the *Trees (Disputes Between Neighbours) Act 2006* to carry out work in relation to a tree on the land.

19. Annual charges under Local Government Act 1993 for coastal protection services that relate to existing coastal protection works

The owner of the land (or any previous owner) has not consented in writing to the land being subject to annual charges under section 496B of the *Local Government Act 1993* for coastal protection services that relate to existing coastal protection works (within the meaning of section 553B of that Act).

Note—
Existing coastal protection works are works to reduce the impact of coastal hazards on land, such as seawalls, revetments, groynes and beach nourishment, that existed before 1 January 2011.

20. Western Sydney Aerotropolis

Under State Environmental Planning Policy (Precincts – Western Parkland City) 2021, Chapter 4 the land is –

(a) not in an ANEF or ANEC contour of 20 or greater, as referred to in that Chapter, section 4.17, or

(b) not shown on the Lighting Intensity and Wind Shear Map, or

(c) not shown on the Obstacle Limitation Surface Map, or

(d) not in the "public safety area" on the Public Safety Area Map, or

(e) not in the "3 kilometre wildlife buffer zone" or the "13 kilometre wildlife buffer zone" on the Wildlife Buffer Zone Map.

21. Development consent conditions for seniors housing

No condition of development consent granted after 11 October 2007 in relation to the land applies to the property that are of the kind set out in that Policy, section 88(2) of *State Environmental Planning Policy (Housing) 2021*.

22. Site compatibility certificate and conditions for affordable rental housing

(1) There is not a current site compatibility certificate of which the council is aware, in respect of proposed development on the land.

(2) No condition of development consent in relation to the land applies to the property that are of the kind set out in section 21(1) or 40(1) of *State Environmental Planning Policy (Housing) 2021*.

(3) No condition of development consent in relation to the land applies to the property that are of the kind set out in clause 17(1) or 38(1) of *State Environmental Planning Policy (Affordable Rental Housing) 2009*.

Additional matters under the Contaminated Land Management Act 1997

Note. The following matters are prescribed by section 59 (2) of the *Contaminated Land Management Act 1997* as additional matters to be specified in a planning certificate:

(a) the land to which the certificate relates is not significantly contaminated land within the meaning of that Act

(b) the land to which the certificate relates is not subject to a management order within the meaning of that Act

(c) the land to which the certificate relates is not the subject of an approved voluntary management proposal within the meaning of that Act

(d) the land to which the certificate relates is not subject to an ongoing maintenance order within the meaning of that Act

(e) the land to which the certificate relates is not the subject of a site audit statement

If contamination is identified above please contact the Environmental Protection Authority (EPA) for further information.

Planning Certificate – Part 5

The following is information provided in good faith under the provisions of Section 10.7(5) of the *Environmental Planning and Assessment Act 1979* (as amended – formerly Section 149) and lists relevant matters affecting the land of which Council is aware. The Council shall not incur any liability in respect of any such advice.

Persons relying on this certificate should read the environmental planning instruments referred to in this certificate.

Company Title Subdivision

Clause 4.1 of the *Pittwater Local Environmental Plan 2014*, *Warringah Local Environmental Plan 2011* or *Manly Local Environmental Plan 2013* provides that land may not be subdivided except

with the consent of the Council. This includes subdivision by way of company title schemes. Persons considering purchasing property in the Northern Beaches local government area the subject of a company title scheme are advised to check that the land has been subdivided with the consent of the Council.

District Planning

Under the Greater Sydney Regional Plan – A Metropolis of Three Cities 2018, the Greater Sydney Commission sets a planning framework for a metropolis of three cities across Greater Sydney which reach across five Districts. Northern Beaches is located within the 'Eastern Harbour City' area and is in the North District which forms a large part of the Eastern Harbour City. The North District Plan sets out planning priorities and actions for the growth of the North District, including Northern Beaches. Northern Beaches Council's Local Strategic Planning Statement gives effect to the District Plan based on local characteristics and opportunities and Council's own priorities in the community. The Local Strategic Planning Statement came into effect on 26 March 2020.

Council Resolution To Amend Environmental Planning Instrument

The following instrument or resolution of Council proposes to vary the provisions of an environmental planning instrument, other than as referred to in the Planning Certificate – Part 2:

Nil

Additional Information Applying To The Land

Additional information, if any, relating to the land the subject of this certificate:

Geotechnical Planning Controls
Council is currently undertaking a study to review geotechnical planning controls across the Local Government Area. Information from a draft study indicates geotechnical considerations may affect a greater number of properties and may present an increased risk to properties than that shown on published hazard maps. Council's Development Engineering & Certification team can be contacted for further information.

General Information

Termites
You are advised that Australian Standard 3660.1 - Protection of Buildings Against Subterranean Termites, recommends that buildings are inspected and maintained in order to achieve total termite control. In the regard, you should contact a licensed pest control contractor to ensure all necessary termite controls are achieved.

Flood
Information available to Council indicates properties within the catchments of Manly Ocean Beach, North Head, North Harbour, Manly Lagoon and Middle Harbour, may be flood affected. This includes parts of the suburbs of Balgowlah Heights, Clontarf, Manly, Manly Vale, Fairlight, Balgowlah and Seaforth. It is important to note this information may be used by Council for development assessment purposes. Please contact Northern Beaches Council for further information.

Climate Change

Recent evidence indicates that climate change as a result of global warming is occurring much more rapidly than previously expected. Climate change will vary in its effects across Australia. As well as affecting homes, climate change may affect infrastructure, commercial and industrial buildings and other physical assets. Climate change may affect coastal areas, in particular, through sea-level rise, increased temperatures, and changed storm events. The effects of climate change may impact on the future use and development potential of the land that is the subject of this certificate.



Ray Brownlee PSM
Chief Executive Officer
17/04/2023

Northern Beaches Council Planning Certificate – Part 2&5

Applicant: Eis & Jk Group
115 Wicks Road
MACQUARIE PARK NSW 2113

Reference: E35999BT
Date: 17/04/2023
Certificate No. ePLC2023/02254

Address of Property: 43 Belgrave Street MANLY NSW 2095
Description of Property: Lot 1 DP 719821

Planning Certificate – Part 2

The following certificate is issued under the provisions of Section 10.7(2) of the *Environmental Planning and Assessment Act 1979* (as amended – formerly Section 149). The information applicable to the land is accurate as at the above date.

1. Relevant planning instruments and Development Control Plans

(1) The name of each environmental planning instrument and development control plan that applies to the carrying out of development on the land:

(a) Local Environmental Plan

Manly Local Environmental Plan 2013

(b) State Environmental Planning Policies and Regional Environmental Plans

State Environmental Planning Policy (Housing) 2021

State Environmental Planning Policy (Primary Production) 2021
Chapters 1,2

State Environmental Planning Policy (Resources and Energy) 2021
Chapters 1, 2

State Environmental Planning Policy (Resilience and Hazards) 2021
Chapters 1, 3, 4

State Environmental Planning Policy (Industry and Employment) 2021
Chapters 1, 3

State Environmental Planning Policy (Transport and Infrastructure) 2021
Chapters 1, 2, 3

State Environmental Planning Policy (Biodiversity and Conservation) 2021
Chapters 1, 2, 3, 4, 6, 7

State Environmental Planning Policy (Planning Systems) 2021
Chapters 1, 2

State Environmental Planning Policy (Precincts – Eastern Harbour City) 2021
Chapters 1, 2

State Environmental Planning Policy (Exempt and Complying Development Codes) 2008

SEPP 65 – Design Quality of Residential Apartment Development

SEPP (Building Sustainability Index: BASIX)

State Environmental Planning Policy (Biodiversity and Conservation) 2021
Chapter 10

(c) Development Control Plans

Manly Development Control Plan 2013

(2) Draft Environmental Planning Instruments

The name of each proposed environmental planning instrument and draft development control plan, which is or has been subject to community consultation or public exhibition under the Act, that will apply to the carrying out of development on the land.

(a) Draft Local Environmental Plans

(b) Draft State Environmental Planning Policies

Draft State Environmental Planning Policy (Environment)

Draft Remediation of Land State Environmental Planning Policy (intended to replace State Environmental Planning Policy 55)

(c) Draft Development Control Plans

2. Zoning and land use under relevant planning instruments

The following matters for each environmental planning instrument or draft environmental planning instrument that includes the land in a zone, however described—

(1) Zoning and land use under relevant Local Environmental Plans

(a), (b)

The following information identifies the purposes for which development may be carried out with or without development consent and the purposes for which the carrying out of development is prohibited, for all zones (however described) affecting the land to which the relevant Local Environmental Plan applies.

FORESHORE SCENIC PROTECTION AREA
ZONE B2 Local Centre

(b) Land uses for land within Zone B2 that may be carried out without development consent:

Home based child care; Home occupations.

(c) Land uses for land within Zone B2 that may be carried out only with development

consent:

Amusement centres; Boarding houses; Boat sheds; Car parks; Centre-based child care facilities; Commercial premises; Community facilities; Educational establishments; Entertainment facilities; Environmental protection works; Flood mitigation works; Function centres; Group homes; Health consulting rooms; Home businesses; Home industries; Hostels; Information and education facilities; Medical centres; Oyster aquaculture; Passenger transport facilities; Recreation facilities (indoor); Registered clubs; Respite day care centres; Restricted premises; Roads; Service stations; Shop top housing; Signage; Tank-based aquaculture; Tourist and visitor accommodation; Veterinary hospitals; Water recycling facilities; Water supply systems.

(d) Land uses for land within Zone B2 that are prohibited:

Pond-based aquaculture; Water treatment facilities; Any development not specified in items (b) and (c)

Employment zones reform implementation

On 26 April 2023, Business and Industrial zones will be replaced by Employment zones within standard instrument local environmental plans. The Department of Planning and Environment exhibited in May 2022 details of how each Local Environmental Plan that includes a Business or Industrial zone will be amended to include Employment zones. The exhibition detail can be viewed on the Planning Portal.

Within Council's LEPs there are areas that will not be covered by the 26 April 2023 commencement date. This detail will be available from 14 December 2022.

(c) Additional permitted uses

Additional permitted uses, if any, for which development is permissible with development consent pursuant to Clause 2.5 and Schedule 1 of the relevant Local Environmental Plan:

Refer to Schedule 1 of Manly Local Environmental Plan 2013.

(d) Minimum land dimensions

The *Manly Local Environmental Plan 2013* contains no development standard that fixes minimum land dimensions for the erection of a dwelling house on the land.

(e) Outstanding biodiversity value

The land is not in an area of outstanding biodiversity value under the *Biodiversity Conservation Act 2016*

(f) Conservation areas

The land is not in a heritage conservation area.

(g) Item of environmental heritage

The land does not contain an item of environmental heritage.

(2) Zoning and land use under draft Local Environmental Plans

For any proposed changes to zoning and land use, see Part 1.2 (a)

Please contact Council's Strategic and Place Planning unit with enquiries on 1300 434 434.

3. Contribution plans

(1) The name of each contributions plan under the Act, Division 7.1 applying to the land, including draft contributions plans.

Northern Beaches Section 7.12 Contributions Plan 2022 - in force 1 June 2022.

(2) If the land is in a special contributions area under the Act, Division 7.1, the name of the area.

Nil

4. Complying Development

If the land is land on which complying development may or may not be carried out under each of the complying development codes under *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*, because of that Policy, clause 1.17A(1)(c)–(e), (2), (3) or (4), 1.18(1)(c3) or 1.19.

Part 3 Housing Code

Complying Development under the Housing Code may be carried out on all of the land.

Part 3A Rural Housing Code

Complying Development under the Rural Housing Code may be carried out on all of the land.

Part 3B Low Rise Housing Diversity Code

Complying Development under the Low Rise Housing Diversity Code may be carried out on all of the land.

Part 3C Greenfield Housing Code

Complying Development under the Greenfield Housing Code may not be carried out on all of the land.

Part 3D Inland Code

Complying Development under the Inland Code does not apply to the land.

Note: Pursuant to clause 3D.1 of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*, the Inland Code only applies to 'inland local government areas'. Northern Beaches local government area is not defined as an 'inland local government area' by *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*.

Part 4 Housing Alterations Code

Complying Development under the Housing Alterations Code may be carried out on all of the land.

Part 4A General Development Code

Complying Development under the General Development Code may be carried out on all of the land.

Part 5 Industrial and Business Alterations Code

Complying Development under the Industrial and Business Alterations Code may be carried out on all of the land.

Part 5A Industrial and Business Buildings Code

Complying Development under the Industrial and Business Buildings Code may be carried out on all of the land.

Part 5B Container Recycling Facilities Code

Complying Development under the Container Recycling Facilities Code may be carried out on all of the land.

Part 6 Subdivisions Code

Complying Development under the Subdivisions Code may be carried out on all of the land.

Part 7 Demolition Code

Complying Development under the Demolition Code may be carried out on all of the land.

Part 8 Fire Safety Code

Complying Development under the Fire Safety Code may be carried out on all of the land.

(4) Complying Development Codes varied under Clause 1.12 of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*

No complying codes are varied under this clause in relation to the land.

5. Exempt Development

If the land is land on which exempt development may or may not be carried out under each of the exempt development codes under *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*, because of that Policy, clause 1.16(1)(b1)–(d) or 1.16A.

Part 2 Exempt Development Codes

Exempt Development under the Exempt Development Codes may be carried out on all of the land.

(4) Exempt Development Codes varied under Clause 1.12 of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*

No exempt development codes are varied under this clause in relation to the land.

6. Affected building notices and building product rectification orders

(a) There is not an affected building notice of which the council is aware that is in force in respect of the land.

(b) There is not a building product rectification order of which the council is aware that is in force in respect of the land and has not been fully complied with, and

(c) There is not a notice of intention to make a building product rectification order of which the council is aware has been given in respect of the land and is outstanding.

In this section—

affected building notice has the same meaning the *Building Products (Safety) Act 2017, Part 4*.

building product rectification order has the same meaning as in the *Building Products (Safety) Act 2017*.

7. Land reserved for acquisition

Environmental planning instrument referred to in Clause 1 does not make provision in relation to the acquisition of the land by a public authority, as referred to in section 3.15 of the Act.

8. Road widening and road realignment

(a) The land is not affected by a road widening or re-alignment proposal under Division 2 of Part 3 of the *Roads Act 1993*.

(b) The land is not affected by a road widening or re-alignment proposal under an environmental planning instrument.

(c) The land is affected by a road widening or re-alignment proposal under a resolution of Council. See Council Policy C150. Corner Splays - Acquisition of Corner Splays.

9. Flood related development controls

(1) The land is within the flood planning area and subject to flood related development controls.

(2) The land or part of the land is between the flood planning area and the probable maximum flood and subject to flood related development controls.

In this section—

flood planning area has the same meaning as in the Floodplain Development Manual.

Floodplain Development Manual means the Floodplain Development Manual (ISBN 0 7347 5476 0) published by the NSW Government in April 2005.

probable maximum flood has the same meaning as in the Floodplain Development Manual.

10. Council and other public authority policies on hazard risk restriction

(a) Council has adopted policies that restrict the development of the land because of the likelihood of land slip, bush fire, tidal inundation, subsidence, acid sulfate soils, contamination, aircraft noise, salinity, coastal hazards, sea level rise or another risk, other than flooding (for flooding – see 9). The identified hazard or risk, if any, are listed below:

Acid Sulfate Soils - Class 4
This land is identified as Acid Sulfate Soils Class 4 on the Acid Sulfate Soils Map of the *Manly Local Environmental Plan 2013* (MLEP 2013). Restrictions apply to the carrying out of works on this land under Clause 6.1 of the MLEP 2013.
Geotechnical Risk (Landslip)
Development on all of the land is affected by Clause 4.1.8 - *Manly Development Control Plan 2013.*
Contaminated Lands

Council has adopted a contaminated land policy which may restrict the development of land. This policy is expressed to apply when zoning or land use changes are proposed on lands which are considered to be contaminated, or on lands which have been remediated for a specific use.

(b) The following information applies to any policy as adopted by any other public authority and notified to the Council for the express purpose of its adoption by that authority being referred to in a planning certificate issued by the Council. The identified hazard or risk and the respective Policy which affect the property, if any, are listed below:

Nil

11. Bush fire prone land

The land is not bush fire prone land.

12. Loose-fill asbestos insulation

The residential dwelling erected on this land has not been identified in the Loose-Fill Asbestos Insulation Register as containing loose-fill asbestos ceiling insulation.

This clause applies to residential premises (within the meaning of Division 1A of part 8 of the Home Building Act 1989) that are listed in the register that is required to be maintained under that Division.

Contact NSW Fair Trading for more information.

13. Mine Subsidence

The land is not declared to be a mine Subsidence (Mine Subsidence) district within the meaning of section 15 of the *Mine Subsidence (Mine Subsidence) Compensation Act, 1961*.

14. Paper subdivision information

There is no current paper subdivision, of which council is aware, in respect of this land according to Part 10 of the *Environmental Planning and Assessment Regulation 2021* and Schedule 7 of the *Environmental Planning & Assessment Act 1997 No 203*.

15. Property vegetation plans

The Council has not been notified that the land is land to which a vegetation plan under the *Native Vegetation Act 2003* applies.

16. Biodiversity Stewardship Sites

The Council has not been notified by the Biodiversity Conservation Trust that the land is a biodiversity stewardship site under a biodiversity stewardship agreement under Part 5 of the *Biodiversity Conservation Act 2016* (includes land to which a biobanking agreement under Part 7A of the repealed *Threatened Species Conservation Act 1995* relates).

17. Biodiversity certified land

The land is not biodiversity certified land under Part 8 of the *Biodiversity Conservation Act 2016* (includes land certified under Part 7AA of the repealed *Threatened Species Conservation Act 1995*).

18. Orders under Trees (Disputes Between Neighbours) Act 2006

Council has not been notified of the existence of an order made under the *Trees (Disputes Between Neighbours) Act 2006* to carry out work in relation to a tree on the land.

19. Annual charges under Local Government Act 1993 for coastal protection services that relate to existing coastal protection works

The owner of the land (or any previous owner) has not consented in writing to the land being subject to annual charges under section 496B of the *Local Government Act 1993* for coastal protection services that relate to existing coastal protection works (within the meaning of section 553B of that Act).

Note—
Existing coastal protection works are works to reduce the impact of coastal hazards on land, such as seawalls, revetments, groynes and beach nourishment, that existed before 1 January 2011.

20. Western Sydney Aerotropolis

Under State Environmental Planning Policy (Precincts – Western Parkland City) 2021, Chapter 4 the land is –

(a) not in an ANEF or ANEC contour of 20 or greater, as referred to in that Chapter, section 4.17, or

(b) not shown on the Lighting Intensity and Wind Shear Map, or

(c) not shown on the Obstacle Limitation Surface Map, or

(d) not in the "public safety area" on the Public Safety Area Map, or

(e) not in the "3 kilometre wildlife buffer zone" or the "13 kilometre wildlife buffer zone" on the Wildlife Buffer Zone Map.

21. Development consent conditions for seniors housing

No condition of development consent granted after 11 October 2007 in relation to the land applies to the property that are of the kind set out in that Policy, section 88(2) of *State Environmental Planning Policy (Housing) 2021*.

22. Site compatibility certificate and conditions for affordable rental housing

(1) There is not a current site compatibility certificate of which the council is aware, in respect of proposed development on the land.

(2) No condition of development consent in relation to the land applies to the property that are of the kind set out in section 21(1) or 40(1) of *State Environmental Planning Policy (Housing) 2021*.

(3) No condition of development consent in relation to the land applies to the property that are of the kind set out in clause 17(1) or 38(1) of *State Environmental Planning Policy (Affordable Rental Housing) 2009*.

Additional matters under the Contaminated Land Management Act 1997

Note. The following matters are prescribed by section 59 (2) of the *Contaminated Land Management Act 1997* as additional matters to be specified in a planning certificate:

(a) the land to which the certificate relates is not significantly contaminated land within the meaning of that Act

(b) the land to which the certificate relates is not subject to a management order within the meaning of that Act

(c) the land to which the certificate relates is not the subject of an approved voluntary management proposal within the meaning of that Act

(d) the land to which the certificate relates is not subject to an ongoing maintenance order within the meaning of that Act

(e) the land to which the certificate relates is not the subject of a site audit statement

If contamination is identified above please contact the Environmental Protection Authority (EPA) for further information.

Planning Certificate – Part 5

The following is information provided in good faith under the provisions of Section 10.7(5) of the *Environmental Planning and Assessment Act 1979* (as amended – formerly Section 149) and lists relevant matters affecting the land of which Council is aware. The Council shall not incur any liability in respect of any such advice.

Persons relying on this certificate should read the environmental planning instruments referred to in this certificate.

Company Title Subdivision

Clause 4.1 of the *Pittwater Local Environmental Plan 2014*, *Warringah Local Environmental Plan 2011* or *Manly Local Environmental Plan 2013* provides that land may not be subdivided except

with the consent of the Council. This includes subdivision by way of company title schemes. Persons considering purchasing property in the Northern Beaches local government area the subject of a company title scheme are advised to check that the land has been subdivided with the consent of the Council.

District Planning

Under the Greater Sydney Regional Plan – A Metropolis of Three Cities 2018, the Greater Sydney Commission sets a planning framework for a metropolis of three cities across Greater Sydney which reach across five Districts. Northern Beaches is located within the 'Eastern Harbour City' area and is in the North District which forms a large part of the Eastern Harbour City. The North District Plan sets out planning priorities and actions for the growth of the North District, including Northern Beaches. Northern Beaches Council's Local Strategic Planning Statement gives effect to the District Plan based on local characteristics and opportunities and Council's own priorities in the community. The Local Strategic Planning Statement came into effect on 26 March 2020.

Council Resolution To Amend Environmental Planning Instrument

The following instrument or resolution of Council proposes to vary the provisions of an environmental planning instrument, other than as referred to in the Planning Certificate – Part 2:

Nil

Additional Information Applying To The Land

Additional information, if any, relating to the land the subject of this certificate:

Geotechnical Planning Controls
Council is currently undertaking a study to review geotechnical planning controls across the Local Government Area. Information from a draft study indicates geotechnical considerations may affect a greater number of properties and may present an increased risk to properties than that shown on published hazard maps. Council's Development Engineering & Certification team can be contacted for further information.

General Information

Termites
You are advised that Australian Standard 3660.1 - Protection of Buildings Against Subterranean Termites, recommends that buildings are inspected and maintained in order to achieve total termite control. In the regard, you should contact a licensed pest control contractor to ensure all necessary termite controls are achieved.

Flood
Information available to Council indicates properties within the catchments of Manly Ocean Beach, North Head, North Harbour, Manly Lagoon and Middle Harbour, may be flood affected. This includes parts of the suburbs of Balgowlah Heights, Clontarf, Manly, Manly Vale, Fairlight, Balgowlah and Seaforth. It is important to note this information may be used by Council for development assessment purposes. Please contact Northern Beaches Council for further information.

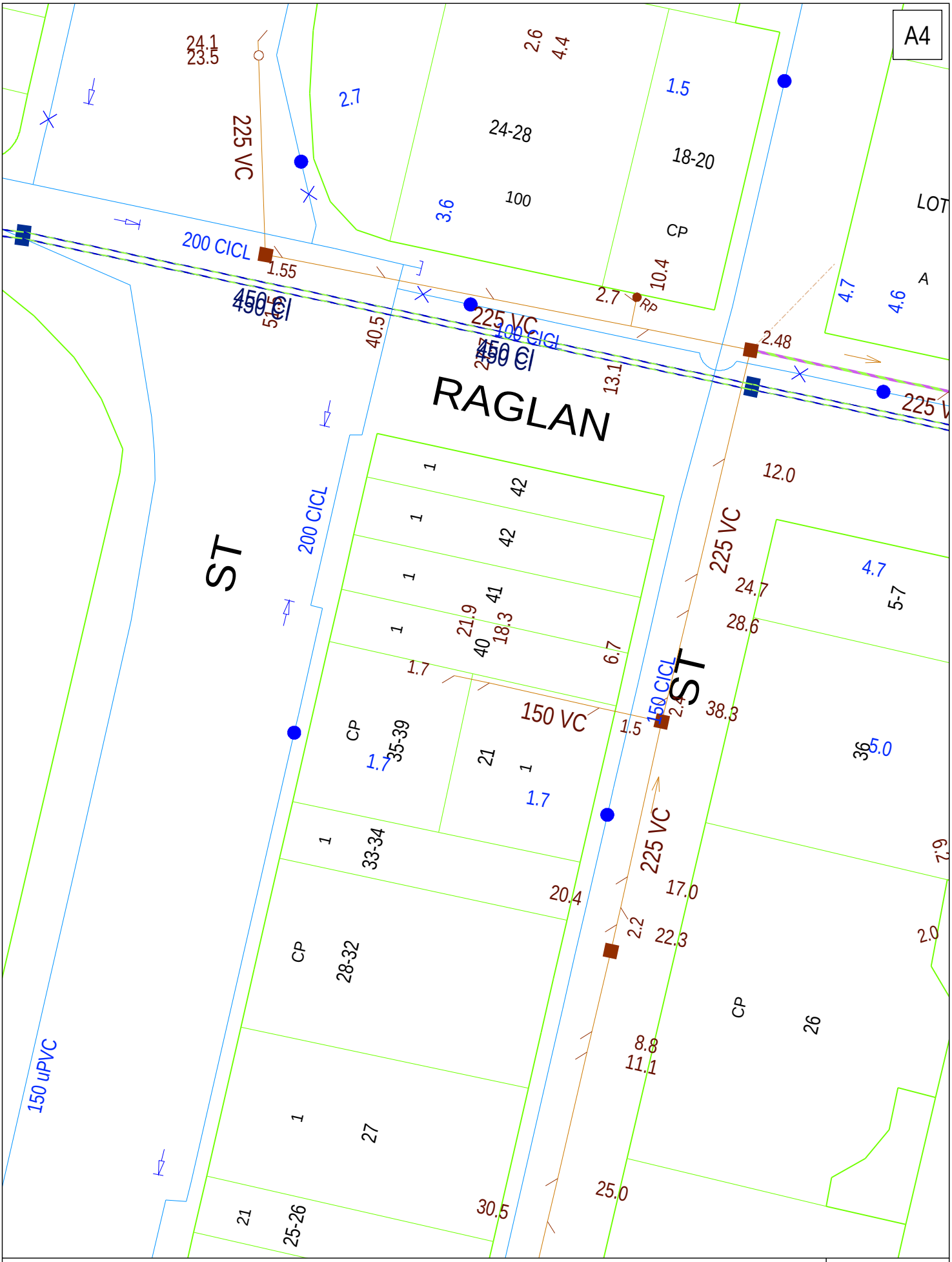
Climate Change

Recent evidence indicates that climate change as a result of global warming is occurring much more rapidly than previously expected. Climate change will vary in its effects across Australia. As well as affecting homes, climate change may affect infrastructure, commercial and industrial buildings and other physical assets. Climate change may affect coastal areas, in particular, through sea-level rise, increased temperatures, and changed storm events. The effects of climate change may impact on the future use and development potential of the land that is the subject of this certificate.



Ray Brownlee PSM
Chief Executive Officer
17/04/2023

BYDA Plans



DBYD Address:
40 Belgrave Street
Manly NSW 2095

DBYD Job No: 34015275
DBYD Sequence No: 223509168

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SYDNEY WATER CORPORATION

Scale: 1:500

Date of Production: 17/04/2023

Plan 1 of 1

SafeWork NSW Records

Katrina Taylor

From: Licensing <licensing@safework.nsw.gov.au>
Sent: Wednesday, 3 May 2023 1:49 PM
To: Katrina Taylor
Subject: SafeWork NSW: 00827024 –Site Search application – Result not found [ref:_ 00D281hl6J._500Mn4TAuX:ref]

This message originated outside the JKG network. If this looks to be from a staff member, it is likely to be malicious (spam/phish attack). Do not click links of open attachments unless you recognise the sender and know the content is safe.

Security Classification: Sensitive Personal
Please do not amend the subject line of this email

Dear Katrina

Re: Site Search for Schedule 11 Hazardous Chemicals on premises Application – Result not found

I refer to your application for a Site Search for Schedule 11 Hazardous Chemicals on premises, received by SafeWork NSW on 17/4/2023 for the following site: LOT 1 DP 100633 40 BELGRAVE STREET MANLY NSW 2095.

A search of the records held by SafeWork NSW has not located any records pertaining to the above-mentioned premises.

If you have any further information or if you have any questions, please use one of the following options, quoting the SafeWork NSW enquiry reference number: 00827024

- Email: licensing@safework.nsw.gov.au
- Phone: 13 10 50

Kind regards

Laura Lee
Licensing Representative
SafeWork NSW | Better Regulation Division
Department of Customer Service
p- 13 10 50
e- licensing@safework.nsw.gov.au | www.customerservice.nsw.gov.au
Level 3, 32 Mann Street, Gosford, NSW 2250



We are always looking for ways that we can improve our services. You may be contacted by email in the next few weeks to complete a short survey and provide us with your feedback on what we did well and where we can improve. If you do not wish to participate in our surveys, please email us at: licensingQA@customerservice.nsw.gov.au and we will ensure that you are not contacted.

Katrina Taylor

From: Licensing <licensing@safework.nsw.gov.au>
Sent: Wednesday, 3 May 2023 2:03 PM
To: Katrina Taylor
Subject: SafeWork NSW: 00827062 –Site Search application – Result not found [ref:_00D281hl6J._500Mn4T36j:ref]

This message originated outside the JKG network. If this looks to be from a staff member, it is likely to be malicious (spam/phish attack). Do not click links of open attachments unless you recognise the sender and know the content is safe.

Security Classification: Sensitive Personal
Please do not amend the subject line of this email

Dear Katrina

Re: Site Search for Schedule 11 Hazardous Chemicals on premises Application – Result not found

I refer to your application for a Site Search for Schedule 11 Hazardous Chemicals on premises, received by SafeWork NSW on 17/4/2023 for the following site: Lot 1 DP719821 - 43 BELGRAVE STREET MANLY NSW 2095

A search of the records held by SafeWork NSW has not located any records pertaining to the above-mentioned premises.

If you have any further information or if you have any questions, please use one of the following options, quoting the SafeWork NSW enquiry reference number: 00827062

- Email: licensing@safework.nsw.gov.au
- Phone: 13 10 50

Kind regards

Laura Lee
Licensing Representative
SafeWork NSW | Better Regulation Division
Department of Customer Service
p- 13 10 50
e- licensing@safework.nsw.gov.au | www.customerservice.nsw.gov.au
Level 3, 32 Mann Street, Gosford, NSW 2250



We are always looking for ways that we can improve our services. You may be contacted by email in the next few weeks to complete a short survey and provide us with your feedback on what we did well and where we can improve. If you do not wish to participate in our surveys, please email us at: licensingQA@customerservice.nsw.gov.au and we will ensure that you are not contacted.

Appendix C: Laboratory Results Summary Tables

ABBREVIATIONS AND EXPLANATIONS

Abbreviations used in the Tables:

ABC:	Ambient Background Concentration
ACM:	Asbestos Containing Material
ADWG:	AustralianDrinking Water Guidelines
AF:	Asbestos Fines
ANZG	Australian and New Zealand Guidelines
B(a)P:	Benzo(a)pyrene
CEC:	Cation Exchange Capacity
CRC:	Cooperative Research Centre
CT:	Contaminant Threshold
EILs:	Ecological Investigation Levels
ESLs:	Ecological Screening Levels
FA:	Fibrous Asbestos
GIL:	Groundwater Investigation Levels
GSW:	General Solid Waste
HILs:	Health Investigation Levels
HSLs:	Health Screening Levels
HSL-SSA:	Health Screening Level-SiteSpecific Assessment
kg/L	kilograms per litre
NA:	Not Analysed
NC:	Not Calculated
NEPM:	National Environmental Protection Measure
NHMRC:	National Health and Medical Research Council
NL:	Not Limiting
NSL:	No Set Limit
OCP:	Organochlorine Pesticides
OPP:	Organophosphorus Pesticides
PAHs:	Polycyclic Aromatic Hydrocarbons
%w/w:	weight per weight
ppm:	Parts per million
PCBs:	Polychlorinated Biphenyls
PCE:	Perchloroethylene (Tetrachloroethylene or Teterachloroethene)
pH_{KCL} :	pH of filtered 1:20, 1M KCL extract, shaken overnight
pH_{ox} :	pH of filtered 1:20 1M KCl after peroxide digestion
PQL:	Practical Quantitation Limit
RS:	Rinsate Sample
RSL:	Regional Screening Levels
RSW:	Restricted Solid Waste
SAC:	Site Assessment Criteria
SCC:	Specific Contaminant Concentration
S_{Cr}:	Chromium reducible sulfur
S_{POS}:	Peroxide oxidisable Sulfur
SSA:	Site Specific Assessment
SSHSLs:	Site Specific Health Screening Levels
TAA:	Total Actual Acidity in 1M KCL extract titrated to pH6.5
TB:	Trip Blank
TCA:	1,1,1 Trichloroethane (methyl chloroform)
TCE:	Trichloroethylene (Trichloroethene)
TCLP:	Toxicity Characteristics Leaching Procedure
TPA:	Total Potential Acidity, 1M KCL peroxide digest
TS:	Trip Spike
TRH:	Total Recoverable Hydrocarbons
TSA:	Total Sulfide Acidity (TPA-TAA)
UCL:	Upper Level Confidence Limit on Mean Value
USEPA	United States Environmental Protection Agency
VOCC:	Volatile Organic Chlorinated Compounds
WHO:	World Health Organisation

Table Specific Explanations:

HIL Tables:

- The chromium results are for Total Chromium which includes Chromium III and VI. For initial screening purposes, we have assumed that the samples contain only Chromium VI unless demonstrated otherwise by additional analysis.
- Carcinogenic PAHs is a toxicity weighted sum of analyte concentrations for a specific list of PAH compounds relative to B(a)P. It is also refered to as the B(a)P Toxic Equivalence Quotient (TEQ).
- Statistical calculations are undertaken using ProUCL (USEPA). Statistical calculation is usually undertaken using data from fill samples.

EIL/ESL Table:

- ABC Values for selected metals have been adopted from the published background concentrations presented in Olszowy et. al., (1995), Trace Element Concentrations in Soils from Rural and Urban New South Wales (the 25th percentile values for old suburbs with high traffic have been quoted).

QA/QC Table:

- Field blank, Inter and Intra laboratory duplicate results are reported in mg/kg.
- Trip spike results are reported as percentage recovery.
- Field rinsate results are reported in µg/L.

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TABLE S1
SOIL LABORATORY RESULTS COMPARED TO NEPM 2013.
HIL-B: 'Residential with minimal opportunities for soil access; including dwellings with fully/permanently paved yards like high-rise buildings'

All data in mg/kg unless stated otherwise			HEAVY METALS								PAHs		ORGANOCHLORINE PESTICIDES (OCPs)							OP PESTICIDES (OPPs)	TOTAL PCBs	ASBESTOS FIBRES
			Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Total PAHs	Carcinogenic PAHs	HCB	Endosulfan	Methoxychlor	Aldrin & Dieldrin	Chlordane	DDT, DDD & DDE	Heptachlor	Chlorpyrifos		
PQL - Envirolab Services			4	0.4	1	1	1	0.1	1	1	-	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100
Site Assessment Criteria (SAC)			500	150	500	30000	1200	120	1200	60000	400	4	15	400	500	10	90	600	10	340	1	Detected/Not Detected
Sample Reference	**Sample Depth**	**Sample Description**																				
BH1	0-0.1	F: Silty Sand	<4	**0.6**	**8**	**63**	**140**	**0.3**	**6**	**580**	**1.9**	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	Not Detected
BH1 - [LAB_DUP]	0-0.1	F: Silty Sand	<4	<0.4	**9**	**66**	**170**	**0.3**	**5**	**450**	**3.5**	**0.6**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	NA
BH1	2-2.2	Silty Sand	<4	<0.4	**5**	**5**	**9**	<0.1	**2**	**15**	<0.05	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BH2	0.1-0.2	F: Silty Clayey Sand	<4	<0.4	**8**	**35**	**200**	**0.5**	**4**	**86**	**20**	**2.3**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	Not Detected
BH2	1.3-1.5	Silty Sand	<4	<0.4	**4**	**3**	**18**	<0.1	**2**	**6**	**0.3**	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S Dup1	BH1 (0-0.1)	F: Silty Sand	<4	<0.4	**10**	**38**	**130**	**0.5**	**5**	**360**	**1.2**	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	NA
Total Number of Samples			6	6	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4	2
Maximum Value			<PQL	0.6	10	66	200	0.5	6	580	20	2.3	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	Not Detected

Concentration above the SAC **VALUE**
Concentration above the PQL **Bold**

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TABLE S2
SOIL LABORATORY RESULTS COMPARED TO HSLs
All data in mg/kg unless stated otherwise

					C_6-C_{10} (F1)	>C_{10}-C_{16} (F2)	Benzene	Toluene	Ethylbenzene	Xylenes	Naphthalene	Field PID Measurement
PQL - Envirolab Services					25	50	0.2	0.5	1	1	1	ppm
NEPM 2013 HSL Land Use Category					**HSL-A/B: LOW/HIGH DENSITY RESIDENTIAL**							
Sample Reference	**Sample Depth**	**Sample Description**	**Depth Category**	**Soil Category**								
BH1	0-0.1	F: Silty Sand	0m to <1m	Sand	<25	<50	<0.2	<0.5	<1	<1	<1	0.2
BH1 - [LAB_DUP]	0-0.1	F: Silty Sand	0m to <1m	Sand	<25	<50	<0.2	<0.5	<1	<1	<1	0.2
BH1	2-2.2	Silty Sand	0m to <1m	Sand	<25	<50	<0.2	<0.5	<1	<1	<1	0.2
BH2	0.1-0.2	F: Silty Clayey Sand	0m to <1m	Sand	<25	<50	<0.2	<0.5	<1	<1	<1	0.2
BH2	1.3-1.5	Silty Sand	0m to <1m	Sand	<25	<50	<0.2	<0.5	<1	<1	<1	0.2
S Dup1	BH1 (0-0.1)	F: Silty Sand	0m to <1m	Sand	<25	<50	<0.2	<0.5	<1	<1	<1	-
Total Number of Samples					6	6	6	6	6	6	6	5
Maximum Value					<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.2

Concentration above the SAC **VALUE**
Concentration above the PQL **Bold**
The guideline corresponding to the concentration above the SAC is highlighted in grey in the Site Assessment Criteria Table below

HSL SOIL ASSESSMENT CRITERIA

Sample Reference	**Sample Depth**	**Sample Description**	**Depth Category**	**Soil Category**	C_6-C_{10} (F1)	>C_{10}-C_{16} (F2)	Benzene	Toluene	Ethylbenzene	Xylenes	Naphthalene
BH1	0-0.1	F: Silty Sand	0m to <1m	Sand	45	110	0.5	160	55	40	3
BH1 - [LAB_DUP]	0-0.1	F: Silty Sand	0m to <1m	Sand	45	110	0.5	160	55	40	3
BH1	2-2.2	Silty Sand	0m to <1m	Sand	45	110	0.5	160	55	40	3
BH2	0.1-0.2	F: Silty Clayey Sand	0m to <1m	Sand	45	110	0.5	160	55	40	3
BH2	1.3-1.5	Silty Sand	0m to <1m	Sand	45	110	0.5	160	55	40	3
S Dup1	BH1 (0-0.1)	F: Silty Sand	0m to <1m	Sand	45	110	0.5	160	55	40	3

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TABLE S3
SOIL LABORATORY RESULTS COMPARED TO MANAGEMENT LIMITS
All data in mg/kg unless stated otherwise

			C_6-C_{10} (F1) plus BTEX	>C_{10}-C_{16} (F2) plus napthalene	>C_{16}-C_{34} (F3)	>C_{34}-C_{40} (F4)
PQL - Envirolab Services			25	50	100	100
NEPM 2013 Land Use Category			**RESIDENTIAL, PARKLAND & PUBLIC OPEN SPACE**			
Sample Reference	**Sample Depth**	**Soil Texture**				
BH1	0-0.1	Coarse	<25	<50	<100	<100
BH1 - [LAB_DUP]	0-0.1	Coarse	<25	<50	<100	<100
BH1	2-2.2	Coarse	<25	<50	<100	<100
BH2	0.1-0.2	Coarse	<25	<50	**130**	<100
BH2	1.3-1.5	Coarse	<25	<50	<100	<100
S Dup1	BH1 (0-0.1)	Coarse	<25	<50	<100	<100
Total Number of Samples			6	6	6	6
Maximum Value			<PQL	<PQL	130	<PQL

Concentration above the SAC **VALUE**
Concentration above the PQL **Bold**

MANAGEMENT LIMIT ASSESSMENT CRITERIA

Sample Reference	**Sample Depth**	**Soil Texture**	C_6-C_{10} (F1) plus BTEX	>C_{10}-C_{16} (F2) plus napthalene	>C_{16}-C_{34} (F3)	>C_{34}-C_{40} (F4)
BH1	0-0.1	Coarse	700	1000	2500	10000
BH1 - [LAB_DUP]	0-0.1	Coarse	700	1000	2500	10000
BH1	2-2.2	Coarse	700	1000	2500	10000
BH2	0.1-0.2	Coarse	700	1000	2500	10000
BH2	1.3-1.5	Coarse	700	1000	2500	10000
S Dup1	BH1 (0-0.1)	Coarse	700	1000	2500	10000

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TABLE S4
SOIL LABORATORY RESULTS COMPARED T0 DIRECT CONTACT CRITERIA
All data in mg/kg unless stated otherwise

Analyte		C_6-C_{10}	>C_{10}-C_{16}	>C_{16}-C_{34}	>C_{34}-C_{40}	Benzene	Toluene	Ethylbenzene	Xylenes	Naphthalene	PID
PQL - Envirolab Services		25	50	100	100	0.2	0.5	1	1	1	
CRC 2011 -Direct contact Criteria		5,600	4,200	5,800	8,100	140	21,000	5,900	17,000	2,200	
Site Use		**HIGH DENSITY RESIDENTIAL - DIRECT SOIL CONTACT**									
Sample Reference	**Sample Depth**										
BH1	0-0.1	<25	<50	<100	<100	<0.2	<0.5	<1	<1	<1	**0.2**
BH1 - [LAB_DUP]	0-0.1	<25	<50	<100	<100	<0.2	<0.5	<1	<1	<1	**0.2**
BH1	2-2.2	<25	<50	<100	<100	<0.2	<0.5	<1	<1	<1	**0.2**
BH2	0.1-0.2	<25	<50	**130**	<100	<0.2	<0.5	<1	<1	<1	**0.2**
BH2	1.3-1.5	<25	<50	<100	<100	<0.2	<0.5	<1	<1	<1	**0.2**
S Dup1	BH1 (0-0.1)	<25	<50	<100	<100	<0.2	<0.5	<1	<1	<1	-
Total Number of Samples		6	6	6	6	6	6	6	6	6	5
Maximum Value		<PQL	<PQL	130	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.2

Concentration above the SAC **VALUE**
Concentration above the PQL **Bold**

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TABLE S5
ASBESTOS QUANTIFICATION - FIELD OBSERVATIONS AND LABORATORY RESULTS
HSL-B: Residential with minimal opportunities for soil access

LABORATORY DATA											
Lab Report Number	Sample refeference	Sample Depth	Sample Mass (g)	Asbestos ID in soil (AS4964) >0.1g/kg	Trace Analysis	Total Asbestos (g/kg)	Asbestos ID in soil <0.1g/kg	ACM >7mm Estimation (g)	FA and AF Estimation (g)	ACM >7mm Estimation %(w/w)	FA and AF Estimation %(w/w)
										0.04	**0.001**
321520	BH1	0-0.1	690.18	No asbestos detected at reporting limit of 0.1g/kg: Organic fibres detected	No asbestos detected	<0.1	No visible asbestos detected	–	–	<0.01	<0.001
321520	BH2	0.1-0.2	486.67	No asbestos detected at reporting limit of 0.1g/kg: Organic fibres detected	No asbestos detected	<0.1	No visible asbestos detected	–	–	<0.01	<0.001

Concentration above the SAC **VALUE**

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TABLE S6
SOIL LABORATORY RESULTS COMPARED TO NEPM 2013 EILs AND ESLs
All data in mg/kg unless stated otherwise

Land Use Category				URBAN RESIDENTIAL AND PUBLIC OPEN SPACE																		
							AGED HEAVY METALS-EILs						EILs		ESLs							
				pH	CEC (cmolc/kg)	Clay Content (% clay)	Arsenic	Chromium	Copper	Lead	Nickel	Zinc	Naphthalene	DDT	C_6-C_{10} (F1)	>C_{10}-C_{16} (F2)	>C_{16}-C_{34} (F3)	>C_{34}-C_{40} (F4)	Benzene	Toluene	Ethylbenzene	Total Xylenes	B(a)P
PQL - Envirolab Services				-	1	-	4	1	1	1	1	1	1	0.1	25	50	100	100	0.2	0.5	1	1	0.05
Ambient Background Concentration (ABC)				-	-	-	NSL	13	28	163	5	122	NSL	NSL	NSL	NSL	NSL	NSL	NSL	NSL	NSL	NSL	NSL
Sample Reference	**Sample Depth**	**Sample Description**	**Soil Texture**																			
BH1	0-0.1	F: Silty Sand	Coarse	NA	NA	NA	<4	**8**	**63**	**140**	**6**	**580**	<1	<0.1	<25	<50	<100	<100	<0.2	<0.5	<1	<1	**0.2**
BH1 - [LAB_DUP]	0-0.1	F: Silty Sand	Coarse	NA	NA	NA	<4	**9**	**66**	**170**	**5**	**450**	<1	<0.1	<25	<50	<100	<100	<0.2	<0.5	<1	<1	**0.3**
BH1	2-2.2	Silty Sand	Coarse	NA	NA	NA	<4	**5**	**5**	**9**	**2**	**15**	<1	NA	<25	<50	<100	<100	<0.2	<0.5	<1	<1	<0.05
BH2	0.1-0.2	F: Silty Clayey Sand	Coarse	NA	NA	NA	<4	**8**	**35**	**200**	**4**	**86**	<1	<0.1	<25	<50	**130**	<100	<0.2	<0.5	<1	<1	**1.5**
BH2	1.3-1.5	Silty Sand	Coarse	NA	NA	NA	<4	**4**	**3**	**18**	**2**	**6**	<1	NA	<25	<50	<100	<100	<0.2	<0.5	<1	<1	**0.05**
S Dup1	BH1 (0-0.1)	F: Silty Sand	Coarse	NA	NA	NA	<4	**10**	**38**	**130**	**5**	**360**	<1	<0.1	<25	<50	<100	<100	<0.2	<0.5	<1	<1	**0.1**
Total Number of Samples				0	0	0	6	6	6	6	6	6	6	4	6	6	6	6	6	6	6	6	6
Maximum Value				NA	NA	NA	<PQL	10	66	200	6	580	<PQL	<PQL	<PQL	<PQL	130	<PQL	<PQL	<PQL	<PQL	<PQL	1.5

Concentration above the SAC **VALUE**
Concentration above the PQL **Bold**
The guideline corresponding to the elevated value is highlighted in grey in the EIL and ESL Assessment Criteria Table below

EIL AND ESL ASSESSMENT CRITERIA

Sample Reference	**Sample Depth**	**Sample Description**	**Soil Texture**	pH	CEC (cmolc/kg)	Clay Content (% clay)	Arsenic	Chromium	Copper	Lead	Nickel	Zinc	Naphthalene	DDT	C_6-C_{10} (F1)	>C_{10}-C_{16} (F2)	>C_{16}-C_{34} (F3)	>C_{34}-C_{40} (F4)	Benzene	Toluene	Ethylbenzene	Total Xylenes	B(a)P
BH1	0-0.1	F: Silty Sand	Coarse	NA	NA	NA	100	200	90	1300	35	190	170	180	180	120	300	2800	50	85	70	105	20
BH1 - [LAB_DUP]	0-0.1	F: Silty Sand	Coarse	NA	NA	NA	100	200	90	1300	35	190	170	180	180	120	300	2800	50	85	70	105	20
BH1	2-2.2	Silty Sand	Coarse	NA	NA	NA	100	200	90	1300	35	190	170	--	180	120	300	2800	50	85	70	105	20
BH2	0.1-0.2	F: Silty Clayey Sand	Coarse	NA	NA	NA	100	200	90	1300	35	190	170	180	180	120	300	2800	50	85	70	105	20
BH2	1.3-1.5	Silty Sand	Coarse	NA	NA	NA	100	200	90	1300	35	190	170	--	180	120	300	2800	50	85	70	105	20
S Dup1	BH1 (0-0.1)	F: Silty Sand	Coarse	NA	NA	NA	100	200	90	1300	35	190	170	180	180	120	300	2800	50	85	70	105	20

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TABLE Q1
SOIL QA/QC SUMMARY

| | | | TRH C6 - C10 | TRH >C10-C16 | TRH >C16-C34 | TRH >C34-C40 | Benzene | Toluene | Ethylbenzene | m+p-Xylene | o-Xylene | Naphthalene | Acenaphthylene | Acenaph-thene | Fluorene | Phenanthrene | Anthracene | Fluoranthene | Pyrene | Benzo(a)anthracene | Chrysene | Benzo(b,j+k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-c,d)pyrene | Dibenzo(a,h)anthra-cene | Benzo(g,h,i)perylene | HCB | alpha- BHC | gamma- BHC | beta- BHC | Heptachlor | delta- BHC | Aldrin | Heptachlor Epoxide | Gamma- Chlordane | alpha- chlordane | Endosulfan I | pp- DDE | Dieldrin | Endrin | pp- DDD | Endosulfan II | pp- DDT | Endrin Aldehyde | Endosulfan Sulphate | Methoxychlor | Azinphos-methyl (Guthion | Bromophos-ethyl | Chlorpyrifos | Chlorpyrifos-methyl | Diazinon | Dichlorvos | Dimethoate | Ethion | Fenitrothion | Malathion | Parathion | Ronnel | Total PCBS | Arsenic | Cadmium | Chromium | Copper | Lead | Mercury | Nickel | Zinc |
|---|---|---

ABBREVIATIONS AND EXPLANATIONS FOR ACID SULFATE SOIL TABLE

Abbreviations used in the Tables:

ANC_{BT}	Acid Neutralising Capacity - Back Titration
ANCE	Excess Acid Neutralising Capacity
$CaCO_3$	Calcium Carbonate
kg	kilogram
mol H^+/t	moles hydrogen per tonne
pHF	Field pH
pHFOX	Field peroxide pH
pH_{KCl}	Pottasium chloride pH
S	Sulfur
SCr	The symbol given to the result from the Chromium Reducible Sulfur method
S_{NAS}	Net Acid Soluble Sulfur
% w/w	Percentage by mass

Results have been assessed against the criteria specified in Table 1.1 of National Acid sulfate Soil Guidance - National acid sulfate soil identification and laboratory method manual. Water Quality Australia. June 2018

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TABLE A
SUMMARY OF LABORATORY RESULTS - ACID SULFATE SOIL ANALYSIS

Soil Texture: Coarse		Analysis	pH_F and pH_{FOX}				pH_{KCL}	Actual Acidity (Titratable Actual Acidity - TAA)	Potential Sulfidic Acidity		Retained Acidity	Acid Neutralising Capacity (ANC_{BT})	a-Net Acidity without ANCE	s-Net Acidity without ANCE	Liming Rate - without ANCE
			pH_F	pH_{FOX}	Reaction	pH_F - pH_{FOX}		(mol H^+/t)	(% SCr)	(mol H^+/t)	(%S_{NAS})	(% $CaCO_3$)	(mol H^+/t)	(%w/w S)	(kg $CaCO_3$/tonne)
National Acid Sulfate Soils Guidance (2018)			-	-	-	-	-	-	-	-	-	-	18	0.03	-
Sample Reference	**Sample Depth (m)**	**Sample Description**													
BH1	0-0.1	F: Silty Sand	7.1	5.8	Low reaction	1.3	-	-	-	-	-	-	-	-	-
BH1	0.6-0.8	Silty Sand	8.2	6	Low reaction	2.2	8.9	<5	<0.005	<3	[NT]	<0.05	<5	<0.005	<0.75
BH1	2-2.2	Silty Sand	7.9	6.2	Low reaction	1.7	7.9	<5	<0.005	<3	[NT]	0.05	<5	<0.005	<0.75
BH2	0.1-0.2	F: Silty Clayey Sand	7.6	5.9	Low reaction	1.7	8.3	<5	0.01	8	[NT]	<0.05	7.5	0.01	<0.75
BH2	1.3-1.5	Silty Sand	7.1	5.7	Medium reaction	1.4	-	-	-	-	-	-	-	-	-
BH2	2.5-2.7	Silty Sand	7	5.6	Medium reaction	1.4	7.4	<5	<0.005	<3	[NT]	<0.05	<5	<0.005	<0.75
Total Number of Samples			6	6	6	6	4	4	4	4	-	4	4	4	4
Minimum Value			7.0	5.6	Low reaction	1.3	7.4	<5	<0.005	8	-	0.05	<5	<0.005	<0.75
Maximum Value			8.2	6.2	Medium reaction	2.2	8.9	<5	0.01	8	-	0.05	7.5	0.01	<0.75

Values Exceeding Action Criteria

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ABBREVIATIONS AND EXPLANATIONS

Abbreviations used in the Tables:

NA:	Not Analysed
NC or nc:	Not Calculated
NEPM:	National Environmental Protection Measure
NL:	Not Limiting
NSL:	No Set Limit
ppm:	Parts per million
PAHs	Polycyclic Aromatic Hydrocarbons
PQL:	Practical Quantitation Limit
TRH:	Total Recoverable Hydrocarbons
USEPA	United States Environmental Protection Agency
VOC:	Volatile Organic Compounds
RPD:	Relative Percentage Difference

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TABLE SV1
SOIL VAPOUR LABORATORY RESULTS
All results in mg/m3 unless stated otherwise.

	SAC	SAC	SAMPLES				
	USEPA**	NEPM (2013)	SV1	SV1 LAB DUP	SV2	SV3	SVDUP1 SV2
Total Petroleum Hydrocarbons (TPH)							
TPH F1	See NEPM	180	<0.2	<0.2	**16**	**2.7**	**17**
TPH F2	See NEPM	130	**0.16**	**0.18**	<0.2	<0.08	<0.2
Monocyclic Aromatic Hydrocarbons (BTEX Compounds)							
Benzene	See NEPM	1	**0.006**	**0.006**	<0.008	**0.01**	<0.008
Toluene	See NEPM	1,300	**0.02**	**0.02**	<0.0095	**0.038**	<0.0095
Ethylbenzene	See NEPM	330	**0.007**	**0.007**	<0.011	**0.008**	<0.011
Xylenes	See NEPM	220	**0.035**	**0.035**	<0.032	**0.03**	<0.032
Polycyclic Aromatic Hydrocarbons (PAHs)							
Naphthalene	See NEPM	0.8	<0.0026	<0.0026	<0.013	<0.0052	<0.013
Volatile Organic Compounds (VOCs), including chlorinated VOCs #							
Vinyl Chloride	See NEPM	0.03	<0.0013	<0.0013	<0.0065	<0.0026	<0.0065
Cis-1,2-dichloroethene	See NEPM	0.08	<0.002	<0.002	**0.061**	**0.02**	**0.061**
Trichloroethene (TCE)	See NEPM	0.02	<0.0027	<0.0027	**0.14**	**0.18**	**0.15**
Tetrachloroethene (PCE)	See NEPM	2	**1.3**	**1.3**	**40**	**13**	**39**
1,1,1-Trichloroethane	See NEPM	60	<0.0027	<0.0027	<0.0135	<0.0054	<0.0135
Propylene	104	NSL	**0.066**	**0.067**	<0.0045	<0.0018	<0.0045
Ethanol	NSL	NSL	**0.13**	**0.13**	**0.17**	**0.15**	**0.2**
Acetone	NSL	NSL	**0.1**	**0.1**	**0.24**	**1.1**	**0.25**
Isopropyl Alcohol	NSL*	NSL	<0.012	<0.012	<0.06	**0.03**	<0.06
Hexane	24.3	NSL	**0.11**	**0.11**	<0.009	**0.021**	<0.009
Ethyl Acetate	2.43	NSL	**0.003**	**0.002**	<0.009	<0.0036	<0.009
Chloroform	40.7	NSL	<0.0024	<0.0024	**0.37**	**0.025**	**0.38**
Cyclohexane	209	NSL	<0.0017	**0.002**	<0.0085	**0.022**	<0.0085
Heptane	139	NSL	**0.057**	**0.058**	<0.01	**0.02**	<0.01
Bromodichloromethane	25.3	NSL	<0.0034	<0.0034	**0.038**	<0.0068	**0.039**
Methyl Butyl Ketone	1.04	NSL	**0.002**	<0.002	<0.01	<0.004	<0.01
Styrene	34.8	NSL	**0.005**	**0.005**	<0.0105	<0.0042	<0.0105
4-ethyl toluene	NSL	NSL	**0.005**	**0.005**	<0.0125	<0.005	<0.0125
1,3,5-Trimethylbenzene	2.09	NSL	**0.007**	**0.006**	<0.0125	**0.005**	<0.0125
1,2,4-Trimethylbenzene	2.09	NSL	**0.01**	**0.01**	<0.0125	**0.009**	<0.0125
1,4-Dichlorobenzene	0.85	NSL	**0.006**	**0.004**	<0.015	**0.006**	<0.015

Concentration above the VAC **Value**
Concentration above the PQL **Bold**

* No limit established as this is a tracer compound used for QA
** Target Sub-Slab and Near-source Soil Gas Concentration (TCR=1E-05 or THQ=1)
# VOC data has only been tabulated for key compounds in NEPM 2013 Schedule B1 and others that were detected >PQL

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TABLE Q2
SOIL VAPOUR QA/QC SUMMARY
All results in mg/m3 unless stated otherwise.

	Intra-laboratory Duplicate		
	SV2 20/04/2023	SVDUP1 20/04/2023	RPD %
Total Recoverable Hydrocarbons (TRH)			
TRH F1	**16**	**17**	**6**
TRH F2	<0.2	<0.2	NC
Monocyclic Aromatic Hydrocarbons (BTEX Compounds)			
Benzene	<0.008	<0.008	NC
Toluene	<0.0095	<0.0095	NC
Ethylbenzene	<0.011	<0.011	NC
m,p-Xylene	<0.0215	<0.0115	NC
o-Xylene	<0.0215	<0.0115	NC
Polycyclic Aromatic Hydrocarbons (PAHs)			
Naphthalene	<0.013	<0.013	NC
Volatile Organic Compounds (VOCs), including chlorinated VOCs #			
Vinyl Chloride	<0.0065	<0.065	NC
Cis-1,2-dichloroethene	**0.061**	**0.061**	**0**
Trichloroethene (TCE)	**0.14**	**0.15**	**7**
Tetrachloroethene (PCE)	**40**	**39**	**3**
1,1,1-Trichloroethane	<0.0135	<0.0135	NA
Ethanol	**0.17**	**0.2**	**16**
Acetone	**0.24**	**0.25**	**4**
Chloroform	**0.37**	**0.38**	**3**
Bromodichloromethane	**0.038**	**0.039**	**3**

Exceedance of QA/QC criteria **Value**

** Target Sub-Slab and Near-source Soil Gas Concentration (TCR=1E-05 or THQ=1)
# VOC data has only been tabulated for compounds with detection above the PQLs

	Shroud Leak Test	Isopropyl alcohol (Shroud) - From SV2	Isopropyl alcohol SV2 concentration
Isopropyl alcohol		1200	<0.012

Result outside of QA/QC acceptance criteria **Value**

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Appendix D: Borehole Logs

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ENVIRONMENTAL LOG

Environmental logs are not to be used for geotechnical purposes

Log No. BH1 **1/1**

SDUP1

Client: TIME AND PLACE

Project: PROPOSED MIXED USE DEVELOPMENT

Location: 43 BELGRAVE STREET, MANLY, NSW

Job No.: E35999BT **Method:** HAND AUGER **R.L. Surface:** N/A

Date: 20/4/23 **Datum:** -

Plant Type: - **Logged/Checked by:** O.B./T.H.

Groundwater Record	SAMPLES ES	SAMPLES ASS	SAMPLES ASB	SAMPLES SAL	SAMPLES DB	Field Tests	Depth (m)	Graphic Log	Unified Classification	DESCRIPTION	Moisture Condition/ Weathering	Strength/ Rel. Density	Hand Penetrometer Readings (kPa.)	Remarks
DRY ON COMPLE-TION							0			FILL: Silty sand, fine to medium grained, dark grey mottled yellow brown, with sandstone gravel.	D			
							0.5		SM	Silty SAND: fine to medium grained, light brown mottled dark brown.	D			MARINE
							1							
							1.5							
							2			as above, but orange brown.	D			
							2.5							
							3			END OF BOREHOLE AT 3.0m				
							3.5							

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ENVIRONMENTAL LOG

Environmental logs are not to be used for geotechnical purposes

Log No. **BH2** **1/1**

SDUP1

Client: TIME AND PLACE

Project: PROPOSED MIXED USE DEVELOPMENT

Location: 43 BELGRAVE STREET, MANLY, NSW

Job No.: E35999BT **Method:** HAND AUGER **R.L. Surface:** N/A

Date: 20/4/23 **Datum:** -

Plant Type: - **Logged/Checked by:** O.B./T.H.

Groundwater Record	SAMPLES (ES / ASS / ASB / SAL / DB)	Field Tests	Depth (m)	Graphic Log	Unified Classification	DESCRIPTION	Moisture Condition/ Weathering	Strength/ Rel. Density	Hand Penetrometer Readings (kPa.)	Remarks
DRY ON COMPLETION			0			CONCRETE: 100mm.t				
					-	FILL: Silty clayey sand, fine to medium grained, dark brown, trace of sandstone gravel.	D			
			0.5							
			1							
					SM	Silty SAND: fine to medium grained, light brown mottled orange and dark brown.	D			MARINE
			1.5							
			2							
			2.5							
			3			END OF BOREHOLE AT 3.0m				
			3.5							

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ENVIRONMENTAL LOGS EXPLANATION NOTES

INTRODUCTION

These notes have been provided to amplify the environmental report in regard to classification methods, field procedures and certain matters relating to the logging of soil and rock. Not all notes are necessarily relevant to all reports.

Where geotechnical borehole logs are utilised for environmental purpose, reference should also be made to the explanatory notes included in the geotechnical report. Environmental logs are not suitable for geotechnical purposes.

The ground is a product of continuing natural and man-made processes and therefore exhibits a variety of characteristics and properties which vary from place to place and can change with time. Environmental studies include gathering and assimilating limited facts about these characteristics and properties in order to understand or predict the behaviour of the ground on a particular site under certain conditions. This report may contain such facts obtained by inspection, excavation, probing, sampling, testing or other means of investigation. If so, they are directly relevant only to the ground at the place where and time when the investigation was carried out.

DESCRIPTION AND CLASSIFICATION METHODS

The methods of description and classification of soils and rocks used in this report are based on Australian Standard 1726:2017 *'Geotechnical Site Investigations'*. In general, descriptions cover the following properties – soil or rock type, colour, structure, strength or density, and inclusions. Identification and classification of soil and rock involves judgement and the Company infers accuracy only to the extent that is common in current geoenvironmental practice.

Soil types are described according to the predominating particle size and behaviour as set out in the attached soil classification table qualified by the grading of other particles present (eg. sandy clay) as set out below:

Soil Classification	Particle Size
Clay	< 0.002mm
Silt	0.002 to 0.075mm
Sand	0.075 to 2.36mm
Gravel	2.36 to 63mm
Cobbles	63 to 200mm
Boulders	> 200mm

Non-cohesive soils are classified on the basis of relative density, generally from the results of Standard Penetration Test (SPT) as below:

Relative Density	SPT 'N' Value (blows/300mm)
Very loose (VL)	< 4
Loose (L)	4 to 10
Medium dense (MD)	10 to 30
Dense (D)	30 to 50
Very Dense (VD)	> 50

Cohesive soils are classified on the basis of strength (consistency) either by use of a hand penetrometer, vane shear, laboratory testing and/or tactile engineering examination. The strength terms are defined as follows.

Classification	Unconfined Compressive Strength (kPa)	Indicative Undrained Shear Strength (kPa)
Very Soft (VS)	≤ 25	≤ 12
Soft (S)	> 25 and ≤ 50	> 12 and ≤ 25
Firm (F)	> 50 and ≤ 100	> 25 and ≤ 50
Stiff (St)	> 100 and ≤ 200	> 50 and ≤ 100
Very Stiff (VSt)	> 200 and ≤ 400	> 100 and ≤ 200
Hard (Hd)	> 400	> 200
Friable (Fr)	Strength not attainable – soil crumbles	

Rock types are classified by their geological names, together with descriptive terms regarding weathering, strength, defects, etc. Where relevant, further information regarding rock classification is given in the text of the report. In the Sydney Basin, 'shale' is used to describe fissile mudstone, with a weakness parallel to bedding. Rocks with alternating inter-laminations of different grain size (eg. siltstone/claystone and siltstone/fine grained sandstone) are referred to as 'laminite'.

INVESTIGATION METHODS

The following is a brief summary of investigation methods currently adopted by the Company and some comments on their use and application. All methods except test pits, hand auger drilling and portable Dynamic Cone Penetrometers require the use of a mechanical rig which is commonly mounted on a truck chassis or track base.

Test Pits: These are normally excavated with a backhoe or a tracked excavator, allowing close examination of the insitu soils and 'weaker' bedrock if it is safe to descend into the pit. The depth of penetration is limited to about 3m for a backhoe and up to 6m for a large excavator. Limitations of test pits are the problems associated with disturbance and difficulty of reinstatement and the consequent effects on close-by structures. Care must be taken if construction is to be carried out near test pit locations to either properly recompact the backfill during construction or to design and construct the

structure so as not to be adversely affected by poorly compacted backfill at the test pit location.

Hand Auger Drilling: A borehole of 50mm to 100mm diameter is advanced by manually operated equipment. Refusal of the hand auger can occur on a variety of materials such as obstructions within any fill, tree roots, hard clay, gravel or ironstone, cobbles and boulders, and does not necessarily indicate rock level.

Continuous Spiral Flight Augers: The borehole is advanced using 75mm to 115mm diameter continuous spiral flight augers, which are withdrawn at intervals to allow sampling and insitu testing. This is a relatively economical means of drilling in clays and in sands above the water table. Samples are returned to the surface by the flights or may be collected after withdrawal of the auger flights, but they can be very disturbed and layers may become mixed. Information from the auger sampling (as distinct from specific sampling by SPTs or undisturbed samples) is of limited reliability due to mixing or softening of samples by groundwater, or uncertainties as to the original depth of the samples. Augering below the groundwater table is of even lesser reliability than augering above the water table.

Rock Augering: Use can be made of a Tungsten Carbide (TC) bit for auger drilling into rock to indicate rock quality and continuity by variation in drilling resistance and from examination of recovered rock cuttings. This method of investigation is quick and relatively inexpensive but provides only an indication of the likely rock strength and predicted values may be in error by a strength order. Where rock strengths may have a significant impact on construction feasibility or costs, then further investigation by means of cored boreholes may be warranted.

Wash Boring: The borehole is usually advanced by a rotary bit, with water being pumped down the drill rods and returned up the annulus, carrying the drill cuttings. Only major changes in stratification can be assessed from the cuttings, together with some information from "feel" and rate of penetration.

Mud Stabilised Drilling: Either Wash Boring or Continuous Core Drilling can use drilling mud as a circulating fluid to stabilise the borehole. The term 'mud' encompasses a range of products ranging from bentonite to polymers. The mud tends to mask the cuttings and reliable identification is only possible from intermittent intact sampling (eg. from SPT and U50 samples) or from rock coring, etc.

Continuous Core Drilling: A continuous core sample is obtained using a diamond tipped core barrel. Provided full core recovery is achieved (which is not always possible in very low strength rocks and granular soils), this technique provides a very reliable (but relatively expensive) method of investigation. In rocks, NMLC or HQ triple tube core barrels, which give a core of about 50mm and 61mm diameter, respectively, is usually used with water flush. The length of core recovered is compared to the length drilled and any length not recovered is shown as NO CORE. The location of NO CORE recovery is determined on site by the supervising engineer; where the location is uncertain, the loss is placed at the bottom of the drill run.

Standard Penetration Tests: Standard Penetration Tests (SPT) are used mainly in non-cohesive soils, but can also be used in cohesive soils, as a means of indicating density or strength and also of obtaining a relatively undisturbed sample. The test procedure is described in Australian Standard 1289.6.3.1–2004 (R2016) *'Methods of Testing Soils for Engineering Purposes, Soil Strength and Consolidation Tests – Determination of the Penetration Resistance of a Soil – Standard Penetration Test (SPT)'*.

The test is carried out in a borehole by driving a 50mm diameter split sample tube with a tapered shoe, under the impact of a 63.5kg hammer with a free fall of 760mm. It is normal for the tube to be driven in three successive 150mm increments and the 'N' value is taken as the number of blows for the last 300mm. In dense sands, very hard clays or weak rock, the full 450mm penetration may not be practicable and the test is discontinued.

The test results are reported in the following form:

- In the case where full penetration is obtained with successive blow counts for each 150mm of, say, 4, 6 and 7 blows, as

  N = 13
  4, 6, 7

- In a case where the test is discontinued short of full penetration, say after 15 blows for the first 150mm and 30 blows for the next 40mm, as

  N > 30
  15, 30/40mm

The results of the test can be related empirically to the engineering properties of the soil.

A modification to the SPT is where the same driving system is used with a solid 60° tipped steel cone of the same diameter as the SPT hollow sampler. The solid cone can be continuously driven for some distance in soft clays or loose sands, or may be used where damage would otherwise occur to the SPT. The results of this Solid Cone Penetration Test (SCPT) are shown as 'N_c' on the borehole logs, together with the number of blows per 150mm penetration.

LOGS

The borehole or test pit logs presented herein are an interpretation of the subsurface conditions, and their reliability will depend to some extent on the frequency of sampling and the method of drilling or excavation. Ideally, continuous undisturbed sampling or core drilling will enable the most reliable assessment, but is not always practicable or possible to justify on economic grounds. In any case, the boreholes or test pits represent only a very small sample of the total subsurface conditions.

The terms and symbols used in preparation of the logs are defined in the following pages.

Interpretation of the information shown on the logs, and its application to design and construction, should therefore take into account the spacing of boreholes or test pits, the method of drilling or excavation, the frequency of sampling and testing and the possibility of other than 'straight line' variations between the boreholes or test pits. Subsurface conditions between boreholes or test pits may vary significantly from conditions encountered at the borehole or test pit locations.

GROUNDWATER

Where groundwater levels are measured in boreholes, there are several potential problems:

- Although groundwater may be present, in low permeability soils it may enter the hole slowly or perhaps not at all during the time it is left open.
- A localised perched water table may lead to an erroneous indication of the true water table.
- Water table levels will vary from time to time with seasons or recent weather changes and may not be the same at the time of construction.
- The use of water or mud as a drilling fluid will mask any groundwater inflow. Water has to be blown out of the hole and drilling mud must be washed out of the hole or 'reverted' chemically if reliable water observations are to be made.

More reliable measurements can be made by installing standpipes which are read after the groundwater level has stabilised at intervals ranging from several days to perhaps weeks for low permeability soils. Piezometers, sealed in a particular stratum, may be advisable in low permeability soils or where there may be interference from perched water tables or surface water.

FILL

The presence of fill materials can often be determined only by the inclusion of foreign objects (eg. bricks, steel, etc) or by distinctly unusual colour, texture or fabric. Identification of the extent of fill materials will also depend on investigation methods and frequency. Where natural soils similar to those at the site are used for fill, it may be difficult with limited testing and sampling to reliably assess the extent of the fill.

The presence of fill materials is usually regarded with caution as the possible variation in density and material type is much greater than with natural soil deposits. Consequently, there is an increased risk of adverse environmental characteristics or behaviour. If the volume and nature of fill is of importance to a project, then frequent test pit excavations are preferable to boreholes.

LABORATORY TESTING

Laboratory testing has not been undertaken to confirm the soil classification and rock strengths indicated on the environmental logs unless noted in the report.

SYMBOL LEGENDS

SOIL


FILL


TOPSOIL


CLAY (CL, CI, CH)


SILT (ML, MH)


SAND (SP, SW)


GRAVEL (GP, GW)


SANDY CLAY (CL, CI, CH)


SILTY CLAY (CL, CI, CH)


CLAYEY SAND (SC)


SILTY SAND (SM)


GRAVELLY CLAY (CL, CI, CH)


CLAYEY GRAVEL (GC)


SANDY SILT (ML, MH)


PEAT AND HIGHLY ORGANIC SOILS (Pt)

ROCK


CONGLOMERATE


SANDSTONE


SHALE/MUDSTONE


SILTSTONE


CLAYSTONE


COAL


LAMINITE


LIMESTONE


PHYLLITE, SCHIST


TUFF


GRANITE, GABBRO


DOLERITE, DIORITE


BASALT, ANDESITE


QUARTZITE

OTHER MATERIALS


BRICKS OR PAVERS


CONCRETE


ASPHALTIC CONCRETE

CLASSIFICATION OF COARSE AND FINE GRAINED SOILS

Major Divisions		Group Symbol	Typical Names	Field Classification of Sand and Gravel	Laboratory Classification	
Coarse grained soil (more than 65% of soil excluding oversize fraction is greater than 0.075mm)	GRAVEL (more than half of coarse fraction is larger than 2.36mm	GW	Gravel and gravel-sand mixtures, little or no fines	Wide range in grain size and substantial amounts of all intermediate sizes, not enough fines to bind coarse grains, no dry strength	≤ 5% fines	$C_u > 4$ $1 < C_c < 3$
		GP	Gravel and gravel-sand mixtures, little or no fines, uniform gravels	Predominantly one size or range of sizes with some intermediate sizes missing, not enough fines to bind coarse grains, no dry strength	≤ 5% fines	Fails to comply with above
		GM	Gravel-silt mixtures and gravel-sand-silt mixtures	'Dirty' materials with excess of non-plastic fines, zero to medium dry strength	≥ 12% fines, fines are silty	Fines behave as silt
		GC	Gravel-clay mixtures and gravel-sand-clay mixtures	'Dirty' materials with excess of plastic fines, medium to high dry strength	≥ 12% fines, fines are clayey	Fines behave as clay
	SAND (more than half of coarse fraction is smaller than 2.36mm)	SW	Sand and gravel-sand mixtures, little or no fines	Wide range in grain size and substantial amounts of all intermediate sizes, not enough fines to bind coarse grains, no dry strength	≤ 5% fines	$C_u > 6$ $1 < C_c < 3$
		SP	Sand and gravel-sand mixtures, little or no fines	Predominantly one size or range of sizes with some intermediate sizes missing, not enough fines to bind coarse grains, no dry strength	≤ 5% fines	Fails to comply with above
		SM	Sand-silt mixtures	'Dirty' materials with excess of non-plastic fines, zero to medium dry strength	≥ 12% fines, fines are silty	N/A
		SC	Sand-clay mixtures	'Dirty' materials with excess of plastic fines, medium to high dry strength	≥ 12% fines, fines are clayey	

Major Divisions		Group Symbol	Typical Names	Field Classification of Silt and Clay			Laboratory Classification
				Dry Strength	Dilatancy	Toughness	% < 0.075mm
ine grained soils (more than 35% of soil excluding oversize fraction is less than 0.075mm)	SILT and CLAY (low to medium plasticity)	ML	Inorganic silt and very fine sand, rock flour, silty or clayey fine sand or silt with low plasticity	None to low	Slow to rapid	Low	Below A line
		CL, CI	Inorganic clay of low to medium plasticity, gravelly clay, sandy clay	Medium to high	None to slow	Medium	Above A line
		OL	Organic silt	Low to medium	Slow	Low	Below A line
	SILT and CLAY (high plasticity)	MH	Inorganic silt	Low to medium	None to slow	Low to medium	Below A line
		CH	Inorganic clay of high plasticity	High to very high	None	High	Above A line
		OH	Organic clay of medium to high plasticity, organic silt	Medium to high	None to very slow	Low to medium	Below A line
	Highly organic soil	Pt	Peat, highly organic soil	–	–	–	–

Laboratory Classification Criteria

A well graded coarse grained soil is one for which the coefficient of uniformity $Cu > 4$ and the coefficient of curvature $1 < C_c < 3$. Otherwise, the soil is poorly graded. These coefficients are given by:

$$C_U = \frac{D_{60}}{D_{10}} \qquad and \qquad C_C = \frac{(D_{30})^2}{D_{10}\, D_{60}}$$

Where D_{10}, D_{30} and D_{60} are those grain sizes for which 10%, 30% and 60% of the soil grains, respectively, are smaller.

NOTES:

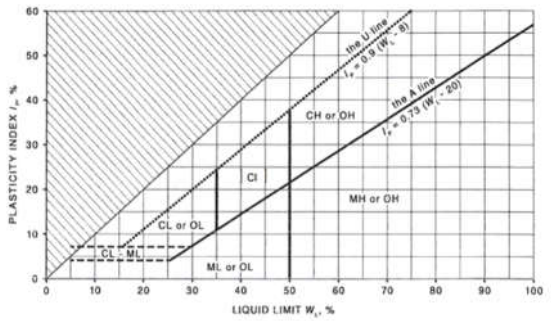
1 For a coarse grained soil with a fines content between 5% and 12%, the soil is given a dual classification comprising the two group symbols separated by a dash; for example, for a poorly graded gravel with between 5% and 12% silt fines, the classification is GP-GM.

2 Where the grading is determined from laboratory tests, it is defined by coefficients of curvature (C_c) and uniformity (C_u) derived from the particle size distribution curve.

3 Clay soils with liquid limits > 35% and ≤ 50% may be classified as being of medium plasticity.

4 The U line on the Modified Casagrande Chart is an approximate upper bound for most natural soils.

Modified Casagrande Chart for Classifying Silts and Clays according to their Behaviour



LOG SYMBOLS

Log Column	Symbol	Definition
Groundwater Record		Standing water level. Time delay following completion of drilling/excavation may be shown.
		Extent of borehole/test pit collapse shortly after drilling/excavation.
		Groundwater seepage into borehole or test pit noted during drilling or excavation.
Samples	ES	Sample taken over depth indicated, for environmental analysis.
	U50	Undisturbed 50mm diameter tube sample taken over depth indicated.
	DB	Bulk disturbed sample taken over depth indicated.
	DS	Small disturbed bag sample taken over depth indicated.
	ASB	Soil sample taken over depth indicated, for asbestos analysis.
	ASS	Soil sample taken over depth indicated, for acid sulfate soil analysis.
	SAL	Soil sample taken over depth indicated, for salinity analysis.
	PFAS	Soil sample taken over depth indicated, for analysis of Per- and Polyfluoroalkyl Substances.
Field Tests	N = 17 4, 7, 10	Standard Penetration Test (SPT) performed between depths indicated by lines. Individual figures show blows per 150mm penetration. 'Refusal' refers to apparent hammer refusal within the corresponding 150mm depth increment.
	N_c = 5 7 3R	Solid Cone Penetration Test (SCPT) performed between depths indicated by lines. Individual figures show blows per 150mm penetration for 60° solid cone driven by SPT hammer. 'R' refers to apparent hammer refusal within the corresponding 150mm depth increment.
	VNS = 25 PID = 100	Vane shear reading in kPa of undrained shear strength. Photoionisation detector reading in ppm (soil sample headspace test).
Moisture Condition (Fine Grained Soils)	w > PL $w \approx$ PL w < PL $w \approx$ LL w > LL	Moisture content estimated to be greater than plastic limit. Moisture content estimated to be approximately equal to plastic limit. Moisture content estimated to be less than plastic limit. Moisture content estimated to be near liquid limit. Moisture content estimated to be wet of liquid limit.
(Coarse Grained Soils)	D M W	DRY – runs freely through fingers. MOIST – does not run freely but no free water visible on soil surface. WET – free water visible on soil surface.
Strength (Consistency) Cohesive Soils	VS S F St VSt Hd Fr ( )	VERY SOFT – unconfined compressive strength ≤ 25kPa. SOFT – unconfined compressive strength > 25kPa and ≤ 50kPa. FIRM – unconfined compressive strength > 50kPa and ≤ 100kPa. STIFF – unconfined compressive strength > 100kPa and ≤ 200kPa. VERY STIFF – unconfined compressive strength > 200kPa and ≤ 400kPa. HARD – unconfined compressive strength > 400kPa. FRIABLE – strength not attainable, soil crumbles. Bracketed symbol indicates estimated consistency based on tactile examination or other assessment.
Density Index/ Relative Density (Cohesionless Soils)	VL L MD D VD ( )	**Density Index (I_D) Range (%)** / **SPT 'N' Value Range (Blows/300mm)** VERY LOOSE ≤ 15 / 0 – 4 LOOSE > 15 and ≤ 35 / 4 – 10 MEDIUM DENSE > 35 and ≤ 65 / 10 – 30 DENSE > 65 and ≤ 85 / 30 – 50 VERY DENSE > 85 / > 50 Bracketed symbol indicates estimated density based on ease of drilling or other assessment.

Log Column	Symbol	Definition
Hand Penetrometer Readings	300 250	Measures reading in kPa of unconfined compressive strength. Numbers indicate individual test results on representative undisturbed material unless noted otherwise.
Remarks	'V' bit	Hardened steel 'V' shaped bit.
	'TC' bit	Twin pronged tungsten carbide bit.
	T_{60}	Penetration of auger string in mm under static load of rig applied by drill head hydraulics without rotation of augers.
	Soil Origin	The geological origin of the soil can generally be described as: RESIDUAL – soil formed directly from insitu weathering of the underlying rock. No visible structure or fabric of the parent rock. EXTREMELY WEATHERED – soil formed directly from insitu weathering of the underlying rock. Material is of soil strength but retains the structure and/or fabric of the parent rock. ALLUVIAL – soil deposited by creeks and rivers. ESTUARINE – soil deposited in coastal estuaries, including sediments caused by inflowing creeks and rivers, and tidal currents. MARINE – soil deposited in a marine environment. AEOLIAN – soil carried and deposited by wind. COLLUVIAL – soil and rock debris transported downslope by gravity, with or without the assistance of flowing water. Colluvium is usually a thick deposit formed from a landslide. The description 'slopewash' is used for thinner surficial deposits. LITTORAL – beach deposited soil.

Classification of Material Weathering

Term		Abbreviation		Definition
Residual Soil		RS		Material is weathered to such an extent that it has soil properties. Mass structure and material texture and fabric of original rock are no longer visible, but the soil has not been significantly transported.
Extremely Weathered		XW		Material is weathered to such an extent that it has soil properties. Mass structure and material texture and fabric of original rock are still visible.
Highly Weathered	Distinctly Weathered (Note 1)	HW	DW	The whole of the rock material is discoloured, usually by iron staining or bleaching to the extent that the colour of the original rock is not recognisable. Rock strength is significantly changed by weathering. Some primary minerals have weathered to clay minerals. Porosity may be increased by leaching, or may be decreased due to deposition of weathering products in pores.
Moderately Weathered		MW		The whole of the rock material is discoloured, usually by iron staining or bleaching to the extent that the colour of the original rock is not recognisable, but shows little or no change of strength from fresh rock.
Slightly Weathered		SW		Rock is partially discoloured with staining or bleaching along joints but shows little or no change of strength from fresh rock.
Fresh		FR		Rock shows no sign of decomposition of individual minerals or colour changes.

NOTE 1: The term 'Distinctly Weathered' is used where it is not practicable to distinguish between 'Highly Weathered' and 'Moderately Weathered' rock. 'Distinctly Weathered' is defined as follows: *'Rock strength usually changed by weathering. The rock may be highly discoloured, usually by iron staining. Porosity may be increased by leaching, or may be decreased due to deposition of weathering products in pores'*. There is some change in rock strength.

Rock Material Strength Classification

Term	Abbreviation	Uniaxial Compressive Strength (MPa)	Guide to Strength	
			Point Load Strength Index $Is_{(50)}$ (MPa)	Field Assessment
Very Low Strength	VL	0.6 to 2	0.03 to 0.1	Material crumbles under firm blows with sharp end of pick; can be peeled with knife; too hard to cut a triaxial sample by hand. Pieces up to 30mm thick can be broken by finger pressure.
Low Strength	L	2 to 6	0.1 to 0.3	Easily scored with a knife; indentations 1mm to 3mm show in the specimen with firm blows of the pick point; has dull sound under hammer. A piece of core 150mm long by 50mm diameter may be broken by hand. Sharp edges of core may be friable and break during handling.
Medium Strength	M	6 to 20	0.3 to 1	Scored with a knife; a piece of core 150mm long by 50mm diameter can be broken by hand with difficulty.
High Strength	H	20 to 60	1 to 3	A piece of core 150mm long by 50mm diameter cannot be broken by hand but can be broken by a pick with a single firm blow; rock rings under hammer.
Very High Strength	VH	60 to 200	3 to 10	Hand specimen breaks with pick after more than one blow; rock rings under hammer.
Extremely High Strength	EH	> 200	> 10	Specimen requires many blows with geological pick to break through intact material; rock rings under hammer.

Appendix E: Laboratory Report(s) & COC Documents

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CERTIFICATE OF ANALYSIS 321520

Client Details

Client	JK Environments
Attention	Katrina Taylor
Address	PO Box 976, North Ryde BC, NSW, 1670

Sample Details

Your Reference	**E35999BT**
Number of Samples	13 Soil, 1 Water
Date samples received	21/04/2023
Date completed instructions received	21/04/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Please refer to the last page of this report for any comments relating to the results.

Report Details

Date results requested by	01/05/2023
Date of Issue	01/05/2023

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Asbestos Approved By
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Authorised by Asbestos Approved Signatory: Lucy Zhu

Results Approved By
Diego Bigolin, Inorganics Supervisor
Dragana Tomas, Senior Chemist
Hannah Nguyen, Metals Supervisor
Kyle Gavrily, Senior Chemist
Liam Timmins, Organics Supervisor
Lucy Zhu, Asbestos Supervisor

Authorised By



Nancy Zhang, Laboratory Manager

vTRH(C6-C10)/BTEXN in Soil						
Our Reference		321520-1	321520-4	321520-6	321520-8	321520-11
Your Reference	UNITS	BH1	BH1	BH2	BH2	TB1
Depth		0-0.1	2-2.2	0.1-0.2	1.3-1.5	-
Date Sampled		20/04/2023	20/04/2023	20/04/2023	20/04/2023	20/04/2023
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023
Date analysed	-	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023
TRH C_6 - C_9	mg/kg	<25	<25	<25	<25	<25
TRH C_6 - C_{10}	mg/kg	<25	<25	<25	<25	<25
vTPH C_6 - C_{10} less BTEX (F1)	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1	<1	<1
Total +ve Xylenes	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	102	104	106	104	99

vTRH(C6-C10)/BTEXN in Soil			
Our Reference		321520-12	321520-14
Your Reference	UNITS	TS1	S Dup1
Depth		-	-
Date Sampled		20/04/2023	20/04/2023
Type of sample		Soil	Soil
Date extracted	-	26/04/2023	26/04/2023
Date analysed	-	27/04/2023	27/04/2023
TRH C_6 - C_9	mg/kg	[NA]	<25
TRH C_6 - C_{10}	mg/kg	[NA]	<25
vTPH C_6 - C_{10} less BTEX (F1)	mg/kg	[NA]	<25
Benzene	mg/kg	100%	<0.2
Toluene	mg/kg	108%	<0.5
Ethylbenzene	mg/kg	110%	<1
m+p-xylene	mg/kg	111%	<2
o-Xylene	mg/kg	110%	<1
Naphthalene	mg/kg	[NA]	<1
Total +ve Xylenes	mg/kg	[NA]	<1
Surrogate aaa-Trifluorotoluene	%	112	101

svTRH (C10-C40) in Soil						
Our Reference		321520-1	321520-4	321520-6	321520-8	321520-11
Your Reference	UNITS	BH1	BH1	BH2	BH2	TB1
Depth		0-0.1	2-2.2	0.1-0.2	1.3-1.5	-
Date Sampled		20/04/2023	20/04/2023	20/04/2023	20/04/2023	20/04/2023
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023
Date analysed	-	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023
TRH C_{10} - C_{14}	mg/kg	<50	<50	<50	<50	<50
TRH C_{15} - C_{28}	mg/kg	<100	<100	<100	<100	<100
TRH C_{29} - C_{36}	mg/kg	<100	<100	<100	<100	<100
Total +ve TRH (C10-C36)	mg/kg	<50	<50	<50	<50	<50
TRH >C_{10} -C_{16}	mg/kg	<50	<50	<50	<50	<50
TRH >C_{10} - C_{16} less Naphthalene (F2)	mg/kg	<50	<50	<50	<50	<50
TRH >C_{16} -C_{34}	mg/kg	<100	<100	130	<100	<100
TRH >C_{34} -C_{40}	mg/kg	<100	<100	<100	<100	<100
Total +ve TRH (>C10-C40)	mg/kg	<50	<50	130	<50	<50
Surrogate o-Terphenyl	%	121	107	111	108	108

svTRH (C10-C40) in Soil		
Our Reference		321520-14
Your Reference	UNITS	S Dup1
Depth		-
Date Sampled		20/04/2023
Type of sample		Soil
Date extracted	-	26/04/2023
Date analysed	-	28/04/2023
TRH C_{10} - C_{14}	mg/kg	<50
TRH C_{15} - C_{28}	mg/kg	<100
TRH C_{29} - C_{36}	mg/kg	<100
Total +ve TRH (C10-C36)	mg/kg	<50
TRH >C_{10} -C_{16}	mg/kg	<50
TRH >C_{10} - C_{16} less Naphthalene (F2)	mg/kg	<50
TRH >C_{16} -C_{34}	mg/kg	<100
TRH >C_{34} -C_{40}	mg/kg	<100
Total +ve TRH (>C10-C40)	mg/kg	<50
Surrogate o-Terphenyl	%	107

PAHs in Soil						
Our Reference		321520-1	321520-4	321520-6	321520-8	321520-11
Your Reference	UNITS	BH1	BH1	BH2	BH2	TB1
Depth		0-0.1	2-2.2	0.1-0.2	1.3-1.5	-
Date Sampled		20/04/2023	20/04/2023	20/04/2023	20/04/2023	20/04/2023
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023
Date analysed	-	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023
Naphthalene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	mg/kg	<0.1	<0.1	0.3	<0.1	<0.1
Acenaphthene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene	mg/kg	0.1	<0.1	1.7	<0.1	<0.1
Anthracene	mg/kg	<0.1	<0.1	0.4	<0.1	<0.1
Fluoranthene	mg/kg	0.3	<0.1	3.9	0.1	<0.1
Pyrene	mg/kg	0.3	<0.1	3.7	0.1	<0.1
Benzo(a)anthracene	mg/kg	0.2	<0.1	2.7	<0.1	<0.1
Chrysene	mg/kg	0.1	<0.1	1.4	<0.1	<0.1
Benzo(b,j+k)fluoranthene	mg/kg	0.4	<0.2	3.3	<0.2	<0.2
Benzo(a)pyrene	mg/kg	0.2	<0.05	1.5	0.05	<0.05
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.1	<0.1	0.6	<0.1	<0.1
Dibenzo(a,h)anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)perylene	mg/kg	0.2	<0.1	0.8	<0.1	<0.1
Total +ve PAH's	mg/kg	1.9	<0.05	20	0.3	<0.05
Benzo(a)pyrene TEQ calc (zero)	mg/kg	<0.5	<0.5	2.2	<0.5	<0.5
Benzo(a)pyrene TEQ calc(half)	mg/kg	<0.5	<0.5	2.2	<0.5	<0.5
Benzo(a)pyrene TEQ calc(PQL)	mg/kg	<0.5	<0.5	2.3	<0.5	<0.5
Surrogate p-Terphenyl-d14	%	133	119	131	128	131

PAHs in Soil		
Our Reference		321520-14
Your Reference	UNITS	S Dup1
Depth		-
Date Sampled		20/04/2023
Type of sample		Soil
Date extracted	-	26/04/2023
Date analysed	-	27/04/2023
Naphthalene	mg/kg	<0.1
Acenaphthylene	mg/kg	<0.1
Acenaphthene	mg/kg	<0.1
Fluorene	mg/kg	<0.1
Phenanthrene	mg/kg	<0.1
Anthracene	mg/kg	<0.1
Fluoranthene	mg/kg	0.3
Pyrene	mg/kg	0.3
Benzo(a)anthracene	mg/kg	0.2
Chrysene	mg/kg	0.1
Benzo(b,j+k)fluoranthene	mg/kg	0.3
Benzo(a)pyrene	mg/kg	0.1
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.1
Dibenzo(a,h)anthracene	mg/kg	<0.1
Benzo(g,h,i)perylene	mg/kg	<0.1
Total +ve PAH's	mg/kg	1.2
Benzo(a)pyrene TEQ calc (zero)	mg/kg	<0.5
Benzo(a)pyrene TEQ calc(half)	mg/kg	<0.5
Benzo(a)pyrene TEQ calc(PQL)	mg/kg	<0.5
Surrogate p-Terphenyl-d14	%	131

Organochlorine Pesticides in soil				
Our Reference		321520-1	321520-6	321520-14
Your Reference	UNITS	BH1	BH2	S Dup1
Depth		0-0.1	0.1-0.2	-
Date Sampled		20/04/2023	20/04/2023	20/04/2023
Type of sample		Soil	Soil	Soil
Date extracted	-	26/04/2023	26/04/2023	26/04/2023
Date analysed	-	27/04/2023	27/04/2023	27/04/2023
alpha-BHC	mg/kg	<0.1	<0.1	<0.1
HCB	mg/kg	<0.1	<0.1	<0.1
beta-BHC	mg/kg	<0.1	<0.1	<0.1
gamma-BHC	mg/kg	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1
delta-BHC	mg/kg	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1
gamma-Chlordane	mg/kg	<0.1	<0.1	<0.1
alpha-chlordane	mg/kg	<0.1	<0.1	<0.1
Endosulfan I	mg/kg	<0.1	<0.1	<0.1
pp-DDE	mg/kg	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1
Endosulfan II	mg/kg	<0.1	<0.1	<0.1
pp-DDD	mg/kg	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1
pp-DDT	mg/kg	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1
Total +ve DDT+DDD+DDE	mg/kg	<0.1	<0.1	<0.1
Surrogate TCMX	%	119	117	116

Organophosphorus Pesticides in Soil				
Our Reference		321520-1	321520-6	321520-14
Your Reference	UNITS	BH1	BH2	S Dup1
Depth		0-0.1	0.1-0.2	-
Date Sampled		20/04/2023	20/04/2023	20/04/2023
Type of sample		Soil	Soil	Soil
Date extracted	-	26/04/2023	26/04/2023	26/04/2023
Date analysed	-	27/04/2023	27/04/2023	27/04/2023
Dichlorvos	mg/kg	<0.1	<0.1	<0.1
Dimethoate	mg/kg	<0.1	<0.1	<0.1
Diazinon	mg/kg	<0.1	<0.1	<0.1
Chlorpyriphos-methyl	mg/kg	<0.1	<0.1	<0.1
Ronnel	mg/kg	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1	<0.1
Malathion	mg/kg	<0.1	<0.1	<0.1
Chlorpyriphos	mg/kg	<0.1	<0.1	<0.1
Parathion	mg/kg	<0.1	<0.1	<0.1
Bromophos-ethyl	mg/kg	<0.1	<0.1	<0.1
Ethion	mg/kg	<0.1	<0.1	<0.1
Azinphos-methyl (Guthion)	mg/kg	<0.1	<0.1	<0.1
Surrogate TCMX	%	119	117	116

PCBs in Soil				
Our Reference		321520-1	321520-6	321520-14
Your Reference	UNITS	BH1	BH2	S Dup1
Depth		0-0.1	0.1-0.2	-
Date Sampled		20/04/2023	20/04/2023	20/04/2023
Type of sample		Soil	Soil	Soil
Date extracted	-	26/04/2023	26/04/2023	26/04/2023
Date analysed	-	27/04/2023	27/04/2023	27/04/2023
Aroclor 1016	mg/kg	<0.1	<0.1	<0.1
Aroclor 1221	mg/kg	<0.1	<0.1	<0.1
Aroclor 1232	mg/kg	<0.1	<0.1	<0.1
Aroclor 1242	mg/kg	<0.1	<0.1	<0.1
Aroclor 1248	mg/kg	<0.1	<0.1	<0.1
Aroclor 1254	mg/kg	<0.1	<0.1	<0.1
Aroclor 1260	mg/kg	<0.1	<0.1	<0.1
Total +ve PCBs (1016-1260)	mg/kg	<0.1	<0.1	<0.1
Surrogate TCMX	%	119	117	116

Acid Extractable metals in soil						
Our Reference		321520-1	321520-4	321520-6	321520-8	321520-11
Your Reference	UNITS	BH1	BH1	BH2	BH2	TB1
Depth		0-0.1	2-2.2	0.1-0.2	1.3-1.5	-
Date Sampled		20/04/2023	20/04/2023	20/04/2023	20/04/2023	20/04/2023
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023
Date analysed	-	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023
Arsenic	mg/kg	<4	<4	<4	<4	<4
Cadmium	mg/kg	0.6	<0.4	<0.4	<0.4	<0.4
Chromium	mg/kg	8	5	8	4	3
Copper	mg/kg	63	5	35	3	<1
Lead	mg/kg	140	9	200	18	3
Mercury	mg/kg	0.3	<0.1	0.5	<0.1	<0.1
Nickel	mg/kg	6	2	4	2	<1
Zinc	mg/kg	580	15	86	6	2

Acid Extractable metals in soil		
Our Reference		321520-14
Your Reference	UNITS	S Dup1
Depth		-
Date Sampled		20/04/2023
Type of sample		Soil
Date prepared	-	26/04/2023
Date analysed	-	28/04/2023
Arsenic	mg/kg	<4
Cadmium	mg/kg	<0.4
Chromium	mg/kg	10
Copper	mg/kg	38
Lead	mg/kg	130
Mercury	mg/kg	0.5
Nickel	mg/kg	5
Zinc	mg/kg	360

Moisture						
Our Reference		321520-1	321520-4	321520-6	321520-8	321520-11
Your Reference	UNITS	BH1	BH1	BH2	BH2	TB1
Depth		0-0.1	2-2.2	0.1-0.2	1.3-1.5	-
Date Sampled		20/04/2023	20/04/2023	20/04/2023	20/04/2023	20/04/2023
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023
Date analysed	-	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023
Moisture	%	9.4	5.1	5.5	1.6	4.8

Moisture		
Our Reference		321520-14
Your Reference	UNITS	S Dup1
Depth		-
Date Sampled		20/04/2023
Type of sample		Soil
Date prepared	-	26/04/2023
Date analysed	-	27/04/2023
Moisture	%	9.3

Asbestos ID - soils NEPM - ASB-001			
Our Reference		321520-1	321520-6
Your Reference	UNITS	BH1	BH2
Depth		0-0.1	0.1-0.2
Date Sampled		20/04/2023	20/04/2023
Type of sample		Soil	Soil
Date analysed	-	01/05/2023	01/05/2023
Sample mass tested	g	690.18	486.67
Sample Description	-	Grey fine-grained soil and rocks	Brown fine-grained soil and rocks
Asbestos ID in soil (AS4964) >0.1g/kg	-	No asbestos detected at reporting limit of 0.1g/kg Organic fibres detected	No asbestos detected at reporting limit of 0.1g/kg Organic fibres detected
Trace Analysis	-	No asbestos detected	No asbestos detected
Total Asbestos[#1]	g/kg	<0.1	<0.1
Asbestos ID in soil <0.1g/kg*	-	No visible asbestos detected	No visible asbestos detected
ACM >7mm Estimation*	g	–	–
FA and AF Estimation*	g	–	–
ACM >7mm Estimation*	%(w/w)	<0.01	<0.01
FA and AF Estimation*#2	%(w/w)	<0.001	<0.001

sPOCAS field test						
Our Reference		321520-1	321520-2	321520-4	321520-6	321520-8
Your Reference	UNITS	BH1	BH1	BH1	BH2	BH2
Depth		0-0.1	0.6-0.8	2-2.2	0.1-0.2	1.3-1.5
Date Sampled		20/04/2023	20/04/2023	20/04/2023	20/04/2023	20/04/2023
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	01/05/2023	01/05/2023	01/05/2023	01/05/2023	01/05/2023
Date analysed	-	01/05/2023	01/05/2023	01/05/2023	01/05/2023	01/05/2023
pH_F (field pH test)	pH Units	7.1	8.2	7.9	7.6	7.1
pH_{FOX} (field peroxide test)	pH Units	5.8	6.0	6.2	5.9	5.7
Reaction Rate*	-	Low reaction	Low reaction	Low reaction	Low reaction	Medium reaction

sPOCAS field test		
Our Reference		321520-10
Your Reference	UNITS	BH2
Depth		2.5-2.7
Date Sampled		20/04/2023
Type of sample		Soil
Date prepared	-	01/05/2023
Date analysed	-	01/05/2023
pH_F (field pH test)	pH Units	7.0
pH_{FOX} (field peroxide test)	pH Units	5.6
Reaction Rate*	-	Medium reaction

vTRH(C6-C10)/BTEXN in Water		
Our Reference		321520-13
Your Reference	UNITS	FR HA1
Depth		-
Date Sampled		20/04/2023
Type of sample		Water
Date extracted	-	24/04/2023
Date analysed	-	26/04/2023
TRH C_6 - C_9	µg/L	51
TRH C_6 - C_{10}	µg/L	51
TRH C_6 - C_{10} less BTEX (F1)	µg/L	51
Benzene	µg/L	<1
Toluene	µg/L	<1
Ethylbenzene	µg/L	<1
m+p-xylene	µg/L	<2
o-xylene	µg/L	<1
Naphthalene	µg/L	<1
Surrogate Dibromofluoromethane	%	106
Surrogate toluene-d8	%	101
Surrogate 4-BFB	%	96

svTRH (C10-C40) in Water		
Our Reference		321520-13
Your Reference	UNITS	FR HA1
Depth		-
Date Sampled		20/04/2023
Type of sample		Water
Date extracted	-	28/04/2023
Date analysed	-	29/04/2023
TRH C_{10} - C_{14}	µg/L	<50
TRH C_{15} - C_{28}	µg/L	<100
TRH C_{29} - C_{36}	µg/L	<100
Total +ve TRH (C10-C36)	µg/L	<50
TRH >C_{10} - C_{16}	µg/L	<50
TRH >C_{10} - C_{16} less Naphthalene (F2)	µg/L	<50
TRH >C_{16} - C_{34}	µg/L	<100
TRH >C_{34} - C_{40}	µg/L	<100
Total +ve TRH (>C10-C40)	µg/L	<50
Surrogate o-Terphenyl	%	76

PAHs in Water		
Our Reference		321520-13
Your Reference	UNITS	FR HA1
Depth		-
Date Sampled		20/04/2023
Type of sample		Water
Date extracted	-	28/04/2023
Date analysed	-	01/05/2023
Naphthalene	µg/L	<2
Acenaphthylene	µg/L	<1
Acenaphthene	µg/L	<1
Fluorene	µg/L	<1
Phenanthrene	µg/L	<1
Anthracene	µg/L	<1
Fluoranthene	µg/L	<1
Pyrene	µg/L	<1
Benzo(a)anthracene	µg/L	<1
Chrysene	µg/L	<1
Benzo(b,j+k)fluoranthene	µg/L	<2
Benzo(a)pyrene	µg/L	<1
Indeno(1,2,3-c,d)pyrene	µg/L	<1
Dibenzo(a,h)anthracene	µg/L	<1
Benzo(g,h,i)perylene	µg/L	<1
Benzo(a)pyrene TEQ	µg/L	<5
Total +ve PAH's	µg/L	NIL (+)VE
Surrogate p-Terphenyl-d14	%	100

Metals in Waters - Acid extractable		
Our Reference		321520-13
Your Reference	UNITS	FR HA1
Depth		-
Date Sampled		20/04/2023
Type of sample		Water
Date prepared	-	28/04/2023
Date analysed	-	28/04/2023
Arsenic - Total	mg/L	<0.05
Cadmium - Total	mg/L	<0.01
Chromium - Total	mg/L	<0.01
Copper - Total	mg/L	0.9
Lead - Total	mg/L	<0.03
Mercury - Total	mg/L	<0.0005
Nickel - Total	mg/L	<0.02
Zinc - Total	mg/L	<0.02

Method ID	Methodology Summary
ASB-001	Asbestos ID - Qualitative identification of asbestos in bulk samples using Polarised Light Microscopy and Dispersion Staining Techniques including Synthetic Mineral Fibre and Organic Fibre as per Australian Standard 4964-2004.
ASB-001	Asbestos ID - Identification of asbestos in soil samples using Polarised Light Microscopy and Dispersion Staining Techniques. Minimum 500mL soil sample was analysed as recommended by "National Environment Protection (Assessment of site contamination) Measure, Schedule B1 and "The Guidelines from the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia - May 2009" with a reporting limit of 0.1g/kg (0.01% w/w) as per Australian Standard AS4964-2004. Results reported denoted with * are outside our scope of NATA accreditation. **NOTE** #1 Total Asbestos g/kg was analysed and reported as per Australian Standard AS4964 (This is the sum of ACM >7mm, <7mm and FA/AF) **NOTE** #2 The screening level of 0.001% w/w asbestos in soil for FA and AF only applies where the FA and AF are able to be quantified by gravimetric procedures. This screening level is not applicable to free fibres. Estimation = Estimated asbestos weight Results reported with "--" is equivalent to no visible asbestos identified using Polarised Light microscopy and Dispersion Staining Techniques.
Inorg-008	Moisture content determined by heating at 105+/-5 °C for a minimum of 12 hours.
Inorg-063	pH- measured using pH meter and electrode. Soil is oxidised with Hydrogen Peroxide or extracted with water. Based on section H, Acid Sulfate Soils Laboratory Methods Guidelines, Version 2.1 - June 2004. To ensure accurate results these tests are recommended to be done in the field as pH may change with time thus these results may not be representative of true field conditions.
Metals-020	Determination of various metals by ICP-AES.
Metals-021	Determination of Mercury by Cold Vapour AAS.
Org-020	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-FID. F2 = (>C10-C16)-Naphthalene as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater (HSLs Tables 1A (3, 4)). Note Naphthalene is determined from the VOC analysis.

Method ID	Methodology Summary
Org-020	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-FID. F2 = (>C10-C16)-Naphthalene as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater (HSLs Tables 1A (3, 4)). Note Naphthalene is determined from the VOC analysis. Note, the Total +ve TRH PQL is reflective of the lowest individual PQL and is therefore "Total +ve TRH" is simply a sum of the positive individual TRH fractions (>C10-C40).
Org-021	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC-ECD.
Org-021	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC-ECD. Note, the Total +ve PCBs PQL is reflective of the lowest individual PQL and is therefore" Total +ve PCBs" is simply a sum of the positive individual PCBs.
Org-022	Determination of VOCs sampled onto coconut shell charcoal sorbent tubes, that can be desorbed using carbon disulphide, and analysed by GC-MS.
Org-022/025	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS/GC-MSMS.
Org-022/025	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC-MS/GC-MSMS. Note, the Total +ve reported DDD+DDE+DDT PQL is reflective of the lowest individual PQL and is therefore simply a sum of the positive individually report DDD+DDE+DDT.
Org-022/025	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS/GC-MSMS. Benzo(a)pyrene TEQ as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater - 2013.
Org-022/025	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS and/or GC-MS/MS. Benzo(a)pyrene TEQ as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater - 2013. For soil results:- 1. 'EQ PQL'values are assuming all contributing PAHs reported as <PQL are actually at the PQL. This is the most conservative approach and can give false positive TEQs given that PAHs that contribute to the TEQ calculation may not be present. 2. 'EQ zero'values are assuming all contributing PAHs reported as <PQL are zero. This is the least conservative approach and is more susceptible to false negative TEQs when PAHs that contribute to the TEQ calculation are present but below PQL. 3. 'EQ half PQL'values are assuming all contributing PAHs reported as <PQL are half the stipulated PQL. Hence a mid-point between the most and least conservative approaches above. Note, the Total +ve PAHs PQL is reflective of the lowest individual PQL and is therefore "Total +ve PAHs" is simply a sum of the positive individual PAHs.
Org-023	Water samples are analysed directly by purge and trap GC-MS.
Org-023	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS.
Org-023	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS. Water samples are analysed directly by purge and trap GC-MS. F1 = (C6-C10)-BTEX as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater.
Org-023	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS. Water samples are analysed directly by purge and trap GC-MS. F1 = (C6-C10)-BTEX as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater. Note, the Total +ve Xylene PQL is reflective of the lowest individual PQL and is therefore "Total +ve Xylenes" is simply a sum of the positive individual Xylenes.

QUALITY CONTROL: vTRH(C6-C10)/BTEXN in Soil						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-7	[NT]
Date extracted	-			26/04/2023	1	26/04/2023	26/04/2023		26/04/2023	[NT]
Date analysed	-			27/04/2023	1	27/04/2023	27/04/2023		27/04/2023	[NT]
TRH C_6 - C_9	mg/kg	25	Org-023	<25	1	<25	<25	0	119	[NT]
TRH C_6 - C_{10}	mg/kg	25	Org-023	<25	1	<25	<25	0	119	[NT]
Benzene	mg/kg	0.2	Org-023	<0.2	1	<0.2	<0.2	0	120	[NT]
Toluene	mg/kg	0.5	Org-023	<0.5	1	<0.5	<0.5	0	120	[NT]
Ethylbenzene	mg/kg	1	Org-023	<1	1	<1	<1	0	115	[NT]
m+p-xylene	mg/kg	2	Org-023	<2	1	<2	<2	0	120	[NT]
o-Xylene	mg/kg	1	Org-023	<1	1	<1	<1	0	127	[NT]
Naphthalene	mg/kg	1	Org-023	<1	1	<1	<1	0	[NT]	[NT]
Surrogate aaa-Trifluorotoluene	%		Org-023	117	1	102	102	0	103	[NT]

QUALITY CONTROL: svTRH (C10-C40) in Soil						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-7	[NT]
Date extracted	-			26/04/2023	1	26/04/2023	26/04/2023		26/04/2023	[NT]
Date analysed	-			28/04/2023	1	28/04/2023	28/04/2023		28/04/2023	[NT]
TRH C_{10} - C_{14}	mg/kg	50	Org-020	<50	1	<50	<50	0	120	[NT]
TRH C_{15} - C_{28}	mg/kg	100	Org-020	<100	1	<100	<100	0	107	[NT]
TRH C_{29} - C_{36}	mg/kg	100	Org-020	<100	1	<100	<100	0	100	[NT]
TRH >C_{10} -C_{16}	mg/kg	50	Org-020	<50	1	<50	<50	0	120	[NT]
TRH >C_{16} -C_{34}	mg/kg	100	Org-020	<100	1	<100	<100	0	107	[NT]
TRH >C_{34} -C_{40}	mg/kg	100	Org-020	<100	1	<100	<100	0	100	[NT]
Surrogate o-Terphenyl	%		Org-020	120	1	121	118	3	112	[NT]

QUALITY CONTROL: PAHs in Soil						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-7	[NT]
Date extracted	-			26/04/2023	1	26/04/2023	26/04/2023		26/04/2023	[NT]
Date analysed	-			27/04/2023	1	27/04/2023	27/04/2023		27/04/2023	[NT]
Naphthalene	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	92	[NT]
Acenaphthylene	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Acenaphthene	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	89	[NT]
Fluorene	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	92	[NT]
Phenanthrene	mg/kg	0.1	Org-022/025	<0.1	1	0.1	0.2	67	86	[NT]
Anthracene	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Fluoranthene	mg/kg	0.1	Org-022/025	<0.1	1	0.3	0.7	80	94	[NT]
Pyrene	mg/kg	0.1	Org-022/025	<0.1	1	0.3	0.6	67	99	[NT]
Benzo(a)anthracene	mg/kg	0.1	Org-022/025	<0.1	1	0.2	0.5	86	[NT]	[NT]
Chrysene	mg/kg	0.1	Org-022/025	<0.1	1	0.1	0.2	67	81	[NT]
Benzo(b,j+k)fluoranthene	mg/kg	0.2	Org-022/025	<0.2	1	0.4	0.7	55	[NT]	[NT]
Benzo(a)pyrene	mg/kg	0.05	Org-022/025	<0.05	1	0.2	0.3	40	94	[NT]
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	0.1	0	[NT]	[NT]
Dibenzo(a,h)anthracene	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Benzo(g,h,i)perylene	mg/kg	0.1	Org-022/025	<0.1	1	0.2	0.2	0	[NT]	[NT]
Surrogate p-Terphenyl-d14	%		Org-022/025	129	1	133	134	1	115	[NT]

QUALITY CONTROL: Organochlorine Pesticides in soil						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-7	[NT]
Date extracted	-			26/04/2023	1	26/04/2023	26/04/2023		26/04/2023	[NT]
Date analysed	-			27/04/2023	1	27/04/2023	27/04/2023		27/04/2023	[NT]
alpha-BHC	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	94	[NT]
HCB	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
beta-BHC	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	96	[NT]
gamma-BHC	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Heptachlor	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	87	[NT]
delta-BHC	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Aldrin	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	95	[NT]
Heptachlor Epoxide	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	94	[NT]
gamma-Chlordane	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
alpha-chlordane	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Endosulfan I	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
pp-DDE	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	105	[NT]
Dieldrin	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	106	[NT]
Endrin	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	92	[NT]
Endosulfan II	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
pp-DDD	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	92	[NT]
Endrin Aldehyde	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
pp-DDT	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Endosulfan Sulphate	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	70	[NT]
Methoxychlor	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Surrogate TCMX	%		Org-022/025	122	1	119	118	1	117	[NT]

QUALITY CONTROL: Organophosphorus Pesticides in Soil						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-7	[NT]
Date extracted	-			26/04/2023	1	26/04/2023	26/04/2023		26/04/2023	[NT]
Date analysed	-			27/04/2023	1	27/04/2023	27/04/2023		27/04/2023	[NT]
Dichlorvos	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	111	[NT]
Dimethoate	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Diazinon	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Chlorpyriphos-methyl	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Ronnel	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	91	[NT]
Fenitrothion	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	93	[NT]
Malathion	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	95	[NT]
Chlorpyriphos	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	96	[NT]
Parathion	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	89	[NT]
Bromophos-ethyl	mg/kg	0.1	Org-022	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Ethion	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	90	[NT]
Azinphos-methyl (Guthion)	mg/kg	0.1	Org-022/025	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Surrogate TCMX	%		Org-022/025	122	1	119	118	1	117	[NT]

QUALITY CONTROL: PCBs in Soil						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-7	[NT]
Date extracted	-			26/04/2023	1	26/04/2023	26/04/2023		26/04/2023	[NT]
Date analysed	-			27/04/2023	1	27/04/2023	27/04/2023		27/04/2023	[NT]
Aroclor 1016	mg/kg	0.1	Org-021	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Aroclor 1221	mg/kg	0.1	Org-021	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Aroclor 1232	mg/kg	0.1	Org-021	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Aroclor 1242	mg/kg	0.1	Org-021	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Aroclor 1248	mg/kg	0.1	Org-021	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Aroclor 1254	mg/kg	0.1	Org-021	<0.1	1	<0.1	<0.1	0	115	[NT]
Aroclor 1260	mg/kg	0.1	Org-021	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Surrogate TCMX	%		Org-021	122	1	119	118	1	117	[NT]

QUALITY CONTROL: Acid Extractable metals in soil						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-7	[NT]
Date prepared	-			26/04/2023	1	26/04/2023	26/04/2023		26/04/2023	[NT]
Date analysed	-			28/04/2023	1	28/04/2023	28/04/2023		28/04/2023	[NT]
Arsenic	mg/kg	4	Metals-020	<4	1	<4	<4	0	97	[NT]
Cadmium	mg/kg	0.4	Metals-020	<0.4	1	0.6	<0.4	40	94	[NT]
Chromium	mg/kg	1	Metals-020	<1	1	8	9	12	98	[NT]
Copper	mg/kg	1	Metals-020	<1	1	63	66	5	102	[NT]
Lead	mg/kg	1	Metals-020	<1	1	140	170	19	100	[NT]
Mercury	mg/kg	0.1	Metals-021	<0.1	1	0.3	0.3	0	83	[NT]
Nickel	mg/kg	1	Metals-020	<1	1	6	5	18	96	[NT]
Zinc	mg/kg	1	Metals-020	<1	1	580	450	25	97	[NT]

QUALITY CONTROL: sPOCAS field test						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-7	[NT]
Date prepared	-			01/05/2023	[NT]	[NT]	[NT]	[NT]	01/05/2023	[NT]
Date analysed	-			01/05/2023	[NT]	[NT]	[NT]	[NT]	01/05/2023	[NT]
pH_F (field pH test)	pH Units		Inorg-063	[NT]	[NT]	[NT]	[NT]	[NT]	101	[NT]
pH_{FOX} (field peroxide test)	pH Units		Inorg-063	[NT]	[NT]	[NT]	[NT]	[NT]	101	[NT]

QUALITY CONTROL: vTRH(C6-C10)/BTEXN in Water					Duplicate				Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-W4	[NT]
Date extracted	-			24/04/2023	[NT]	[NT]	[NT]	[NT]	24/04/2023	[NT]
Date analysed	-			26/04/2023	[NT]	[NT]	[NT]	[NT]	26/04/2023	[NT]
TRH C_6 - C_9	µg/L	10	Org-023	<10	[NT]	[NT]	[NT]	[NT]	107	[NT]
TRH C_6 - C_{10}	µg/L	10	Org-023	<10	[NT]	[NT]	[NT]	[NT]	107	[NT]
Benzene	µg/L	1	Org-023	<1	[NT]	[NT]	[NT]	[NT]	105	[NT]
Toluene	µg/L	1	Org-023	<1	[NT]	[NT]	[NT]	[NT]	107	[NT]
Ethylbenzene	µg/L	1	Org-023	<1	[NT]	[NT]	[NT]	[NT]	107	[NT]
m+p-xylene	µg/L	2	Org-023	<2	[NT]	[NT]	[NT]	[NT]	107	[NT]
o-xylene	µg/L	1	Org-023	<1	[NT]	[NT]	[NT]	[NT]	105	[NT]
Naphthalene	µg/L	1	Org-023	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Surrogate Dibromofluoromethane	%		Org-023	104	[NT]	[NT]	[NT]	[NT]	101	[NT]
Surrogate toluene-d8	%		Org-023	97	[NT]	[NT]	[NT]	[NT]	99	[NT]
Surrogate 4-BFB	%		Org-023	100	[NT]	[NT]	[NT]	[NT]	99	[NT]

QUALITY CONTROL: svTRH (C10-C40) in Water						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-W1	[NT]
Date extracted	-			28/04/2023	[NT]	[NT]	[NT]	[NT]	28/04/2023	[NT]
Date analysed	-			28/04/2023	[NT]	[NT]	[NT]	[NT]	28/04/2023	[NT]
TRH C_{10} - C_{14}	µg/L	50	Org-020	<50	[NT]	[NT]	[NT]	[NT]	95	[NT]
TRH C_{15} - C_{28}	µg/L	100	Org-020	<100	[NT]	[NT]	[NT]	[NT]	108	[NT]
TRH C_{29} - C_{36}	µg/L	100	Org-020	<100	[NT]	[NT]	[NT]	[NT]	86	[NT]
TRH >C_{10} - C_{16}	µg/L	50	Org-020	<50	[NT]	[NT]	[NT]	[NT]	95	[NT]
TRH >C_{16} - C_{34}	µg/L	100	Org-020	<100	[NT]	[NT]	[NT]	[NT]	108	[NT]
TRH >C_{34} - C_{40}	µg/L	100	Org-020	<100	[NT]	[NT]	[NT]	[NT]	86	[NT]
Surrogate o-Terphenyl	%		Org-020	84	[NT]	[NT]	[NT]	[NT]	72	[NT]

QUALITY CONTROL: PAHs in Water						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-W1	[NT]
Date extracted	-			28/04/2023	[NT]	[NT]	[NT]	[NT]	28/04/2023	[NT]
Date analysed	-			01/05/2023	[NT]	[NT]	[NT]	[NT]	01/05/2023	[NT]
Naphthalene	µg/L	2	Org-022/025	<2	[NT]	[NT]	[NT]	[NT]	78	[NT]
Acenaphthylene	µg/L	1	Org-022/025	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Acenaphthene	µg/L	1	Org-022/025	<1	[NT]	[NT]	[NT]	[NT]	83	[NT]
Fluorene	µg/L	1	Org-022/025	<1	[NT]	[NT]	[NT]	[NT]	82	[NT]
Phenanthrene	µg/L	1	Org-022/025	<1	[NT]	[NT]	[NT]	[NT]	90	[NT]
Anthracene	µg/L	1	Org-022/025	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Fluoranthene	µg/L	1	Org-022/025	<1	[NT]	[NT]	[NT]	[NT]	82	[NT]
Pyrene	µg/L	1	Org-022/025	<1	[NT]	[NT]	[NT]	[NT]	82	[NT]
Benzo(a)anthracene	µg/L	1	Org-022/025	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Chrysene	µg/L	1	Org-022/025	<1	[NT]	[NT]	[NT]	[NT]	71	[NT]
Benzo(b,j+k)fluoranthene	µg/L	2	Org-022/025	<2	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Benzo(a)pyrene	µg/L	1	Org-022/025	<1	[NT]	[NT]	[NT]	[NT]	103	[NT]
Indeno(1,2,3-c,d)pyrene	µg/L	1	Org-022/025	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Dibenzo(a,h)anthracene	µg/L	1	Org-022/025	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Benzo(g,h,i)perylene	µg/L	1	Org-022/025	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Surrogate p-Terphenyl-d14	%		Org-022/025	107	[NT]	[NT]	[NT]	[NT]	106	[NT]

QUALITY CONTROL: Metals in Waters - Acid extractable						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-W1	[NT]
Date prepared	-			28/04/2023	[NT]	[NT]	[NT]	[NT]	28/04/2023	[NT]
Date analysed	-			28/04/2023	[NT]	[NT]	[NT]	[NT]	28/04/2023	[NT]
Arsenic - Total	mg/L	0.05	Metals-020	<0.05	[NT]	[NT]	[NT]	[NT]	102	[NT]
Cadmium - Total	mg/L	0.01	Metals-020	<0.01	[NT]	[NT]	[NT]	[NT]	97	[NT]
Chromium - Total	mg/L	0.01	Metals-020	<0.01	[NT]	[NT]	[NT]	[NT]	101	[NT]
Copper - Total	mg/L	0.01	Metals-020	<0.01	[NT]	[NT]	[NT]	[NT]	102	[NT]
Lead - Total	mg/L	0.03	Metals-020	<0.03	[NT]	[NT]	[NT]	[NT]	103	[NT]
Mercury - Total	mg/L	0.0005	Metals-021	<0.0005	[NT]	[NT]	[NT]	[NT]	97	[NT]
Nickel - Total	mg/L	0.02	Metals-020	<0.02	[NT]	[NT]	[NT]	[NT]	98	[NT]
Zinc - Total	mg/L	0.02	Metals-020	<0.02	[NT]	[NT]	[NT]	[NT]	102	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.

Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.

The recommended maximums for analytes in urine are taken from “2018 TLVs and BEIs”, as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.

Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Report Comments

Asbestos-ID in soil: NEPM
This report is consistent with the reporting recommendations in the National Environment Protection (Assessment of Site Contamination) Measure, Schedule B1, May 2013. This is reported outside our scope of NATA accreditation.

Envirolab Services Pty Ltd
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

SAMPLE RECEIPT ADVICE

Client Details

Client	JK Environments
Attention	Katrina Taylor

Sample Login Details

Your reference	E35999BT
Envirolab Reference	321520
Date Sample Received	21/04/2023
Date Instructions Received	21/04/2023
Date Results Expected to be Reported	01/05/2023

Sample Condition

Samples received in appropriate condition for analysis	Yes
No. of Samples Provided	13 Soil, 1 Water
Turnaround Time Requested	Standard
Temperature on Receipt (°C)	8
Cooling Method	Ice Pack
Sampling Date Provided	YES

Comments

Nil

Please direct any queries to:

Aileen Hie	Jacinta Hurst
Phone: 02 9910 6200	**Phone: 02 9910 6200**
Fax: 02 9910 6201	**Fax: 02 9910 6201**
Email: ahie@envirolab.com.au	**Email: jhurst@envirolab.com.au**

Analysis Underway, details on the following page:

Envirolab Services Pty Ltd
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Sample ID	vTRH(C6-C10)/BTEXN in Soil	svTRH (C10-C40) in Soil	PAHs in Soil	Organochlorine Pesticides in soil	Organophosphorus Pesticides in Soil	PCBs in Soil	Acid Extractable metalsin soil	Asbestos ID - soils NEPM - ASB-001	sPOCAS field test	vTRH(C6-C10)/BTEXN in Water	svTRH (C10-C40) in Water	PAHsin Water	HM in water - total	On Hold
BH1-0-0.1	✓	✓	✓	✓	✓	✓	✓	✓	✓					
BH1-0.6-0.									✓					
BH1-1.3-1.5														✓
BH1-2-2.2	✓	✓	✓				✓		✓					
BH1-2.5-2.7														✓
BH2-0.1-0.2	✓	✓	✓	✓	✓	✓	✓	✓	✓					
BH2-0.6-0.8														✓
BH2-1.3-1.5	✓	✓	✓				✓		✓					
BH2-2-2.2														✓
BH2-2.5-2.7									✓					
TB1	✓	✓	✓				✓							
TS1	✓													
FR HA1										✓	✓	✓	✓	
S Dup1	✓	✓	✓	✓	✓	✓	✓							

The '✓' indicates the testing you have requested. **THIS IS NOT A REPORT OF THE RESULTS.**

Additional Info

Sample storage - Waters are routinely disposed of approximately 1 month and soils approximately 2 months from receipt.

Requests for longer term sample storage must be received in writing.

Please contact the laboratory immediately if observed settled sediment present in water samples is to be included in the extraction and/or analysis (exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, Total Recoverable metals and PFAS analysis where solids are included by default.

TAT for Micro is dependent on incubation. This varies from 3 to 6 days.

SAMPLE AND CHAIN OF CUSTODY FORM

TO:		FROM:
ENVIROLAB SERVICES PTY LTD 12 ASHLEY STREET CHATSWOOD NSW 2067 P: (02) 99106200 F: (02) 99106201 Attention: Aileen	JKE Job Number: E35999BT Date Results Required: STANDARD Page: 1 of 1	JKEnvironments REAR OF 115 WICKS ROAD MACQUARIE PARK, NSW 2113 P: 02-9888 5000 F: 02-9888 5001 Attention: Ktaylor@jkenvironments.com.au

Location: Manly

Sampler: OB

Sample Preserved in Esky on Ice

Tests Required

Date Sampled	Lab Ref:	Sample Number	Depth (m)	Sample Container	PID	Sample Description	#6 - HM/TRH/BTEX	#3 - TRH/BTEXN/PA Asbestos (WA 500mL method)	Asbestos (Detection)	ASS Field Test (pH F and pH Chromium Reducible Suite	BTEX
20/04/2023	1	BH1	0-0.1	G, A, P	0.2	F: Silty Sand	X	X		X	
20/04/2023	2	BH1	0.6-0.8	G, A, P	0.4	Silty Sand				X	
20/04/2023	3	BH1	1.3-1.5	P		Silty Sand					
20/04/2023	4	BH1	2-2.2	G, P	0.2	Silty Sand		X		X	
20/04/2023	5	BH1	2.5-2.7	P		Silty Sand					
20/04/2023	6	BH2	0.1-0.2	G, A, P	0.2	F: Silty Clayey Sand	X		X	X	
20/04/2023	7	BH2	0.6-0.8	P		F: Silty Clayey Sand					
20/04/2023	8	BH2	1.3-1.5	G, A, P	0.2	Silty Sand		X		X	
20/04/2023	9	BH2	2-2.2	P		Silty Sand					
20/04/2023	10	BH2	2.5-2.7	P		Silty Sand				X	
20/04/2023	11	TB1		G				X			
20/04/2023	12	TS1		V							X
20/04/2023	13	FR HA 1		G1, V, H				X			
20/04/2023	14	S DUP 1		G			X				

ENVIROLAB

Envirolab Services
12 Ashley St
Chatswood NSW 2067
Ph: (02) 9910 6200

Job No: 321570

Date Received: 21/4/23

Time Received: 1430

Received By: OZ

Temp: Cool/Ambient

Cooling: Ice/Icepack

Security: Intact/Broken/None

Remarks (comments/detection limits required):

Sample Containers:
G - 250mg Glass Jar
A - Ziplock Asbestos Bag
P - Plastic Bag

Relinquished By: OB	Date: 21/04/23 10:15am	Time:	Received By:	Date:

Envirolab Services Pty Ltd
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
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CERTIFICATE OF ANALYSIS 321520-A

Client Details

Client	JK Environments
Attention	Katrina Taylor
Address	PO Box 976, North Ryde BC, NSW, 1670

Sample Details

Your Reference	**E35999BT**
Number of Samples	additional analysis
Date samples received	21/04/2023
Date completed instructions received	02/05/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

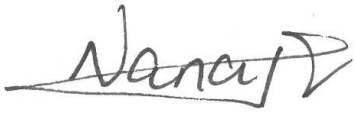
Date results requested by	09/05/2023
Date of Issue	09/05/2023

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Results Approved By
Nick Sarlamis, Assistant Operation Manager

Authorised By



Nancy Zhang, Laboratory Manager

Chromium Suite					
Our Reference		321520-A-2	321520-A-4	321520-A-6	321520-A-10
Your Reference	UNITS	BH1	BH1	BH2	BH2
Depth		0.6-0.8	2-2.2	0.1-0.2	2.5-2.7
Date Sampled		20/04/2023	20/04/2023	20/04/2023	20/04/2023
Type of sample		Soil	Soil	Soil	Soil
Date prepared	-	08/05/2023	08/05/2023	08/05/2023	08/05/2023
Date analysed	-	08/05/2023	08/05/2023	08/05/2023	08/05/2023
pH $_{kcl}$	pH units	8.9	7.9	8.3	7.4
s-TAA pH 6.5	%w/w S	<0.01	<0.01	<0.01	<0.01
TAA pH 6.5	moles H^+ /t	<5	<5	<5	<5
Chromium Reducible Sulfur	%w/w	<0.005	<0.005	0.01	<0.005
a-Chromium Reducible Sulfur	moles H^+ /t	<3	<3	8	<3
S_{HCl}	%w/w S	[NT]	[NT]	[NT]	[NT]
S_{KCl}	%w/w S	[NT]	[NT]	[NT]	[NT]
S_{NAS}	%w/w S	[NT]	[NT]	[NT]	[NT]
ANC_{BT}	% $CaCO_3$	<0.05	0.05	<0.05	<0.05
s-ANC_{BT}	%w/w S	<0.05	<0.05	<0.05	<0.05
s-Net Acidity	%w/w S	<0.005	<0.005	0.012	<0.005
a-Net Acidity	moles H^+ /t	<5	<5	7.5	<5
Liming rate	kg $CaCO_3$ /t	<0.75	<0.75	<0.75	<0.75
a-Net Acidity without ANCE	moles H^+ /t	<5	<5	7.5	<5
Liming rate without ANCE	kg $CaCO_3$ /t	<0.75	<0.75	<0.75	<0.75
s-Net Acidity without ANCE	%w/w S	<0.005	<0.005	0.012	<0.005

Method ID	Methodology Summary
Inorg-068	Chromium Reducible Sulfur - Hydrogen Sulfide is quantified by iodometric titration after distillation to determine potential acidity. Net acidity including ANC has a safety factor of 1.5 applied. Neutralising value (NV) of 100% is assumed for liming rate. Based on National acid sulfate soils identification and laboratory methods manual June 2018. The recommendation that the SHCL concentration be multiplied by a factor of 2 to ensure retained acidity is not underestimated, has not been applied in the SHCL results reported.

QUALITY CONTROL: Chromium Suite						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			08/05/2023	[NT]	[NT]	[NT]	[NT]	08/05/2023	[NT]
Date analysed	-			08/05/2023	[NT]	[NT]	[NT]	[NT]	08/05/2023	[NT]
pH $_{kcl}$	pH units		Inorg-068	[NT]	[NT]	[NT]	[NT]	[NT]	99	[NT]
s-TAA pH 6.5	%w/w S	0.01	Inorg-068	<0.01	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
TAA pH 6.5	moles H^+ /t	5	Inorg-068	<5	[NT]	[NT]	[NT]	[NT]	106	[NT]
Chromium Reducible Sulfur	%w/w	0.005	Inorg-068	<0.005	[NT]	[NT]	[NT]	[NT]	108	[NT]
a-Chromium Reducible Sulfur	moles H^+ /t	3	Inorg-068	<3	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
S_{HCl}	%w/w S	0.005	Inorg-068	<0.005	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
S_{KCl}	%w/w S	0.005	Inorg-068	<0.005	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
S_{NAS}	%w/w S	0.005	Inorg-068	<0.005	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
ANC_{BT}	% $CaCO_3$	0.05	Inorg-068	<0.05	[NT]	[NT]	[NT]	[NT]	125	[NT]
s-ANC_{BT}	%w/w S	0.05	Inorg-068	<0.05	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
s-Net Acidity	%w/w S	0.005	Inorg-068	<0.005	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
a-Net Acidity	moles H^+ /t	5	Inorg-068	<5	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Liming rate	kg $CaCO_3$ /t	0.75	Inorg-068	<0.75	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
a-Net Acidity without ANCE	moles H^+ /t	5	Inorg-068	<5	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Liming rate without ANCE	kg $CaCO_3$ /t	0.75	Inorg-068	<0.75	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
s-Net Acidity without ANCE	%w/w S	0.005	Inorg-068	<0.005	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.

Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.

The recommended maximums for analytes in urine are taken from “2018 TLVs and BEIs”, as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.

Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Envirolab Services Pty Ltd
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

SAMPLE RECEIPT ADVICE

Client Details

Client	JK Environments
Attention	Katrina Taylor

Sample Login Details

Your reference	E35999BT
Envirolab Reference	321520-A
Date Sample Received	21/04/2023
Date Instructions Received	02/05/2023
Date Results Expected to be Reported	09/05/2023

Sample Condition

Samples received in appropriate condition for analysis	Yes
No. of Samples Provided	additional analysis
Turnaround Time Requested	Standard
Temperature on Receipt (°C)	8
Cooling Method	Ice Pack
Sampling Date Provided	YES

Comments

Nil

Please direct any queries to:

Aileen Hie	Jacinta Hurst
Phone: 02 9910 6200	**Phone: 02 9910 6200**
Fax: 02 9910 6201	**Fax: 02 9910 6201**
Email: ahie@envirolab.com.au	**Email: jhurst@envirolab.com.au**

Analysis Underway, details on the following page:

Envirolab Services Pty Ltd
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

Sample ID	Chromium Suite	On Hold
BH1-0-0.1		✓
BH1-0.6-0.8	✓	
BH1-1.3-1.5		✓
BH1-2-2.2	✓	
BH1-2.5-2.7		✓
BH2-0.1-0.2	✓	
BH2-0.6-0.8		✓
BH2-1.3-1.5		✓
BH2-2-2.2		✓
BH2-2.5-2.7	✓	
TB1		✓
TS1		✓
FR HA1		✓
S Dup1		✓

The '✓' indicates the testing you have requested. **THIS IS NOT A REPORT OF THE RESULTS.**

Additional Info

Sample storage - Waters are routinely disposed of approximately 1 month and soils approximately 2 months from receipt.
Requests for longer term sample storage must be received in writing.
Please contact the laboratory immediately if observed settled sediment present in water samples is to be included in the extraction and/or analysis (exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, Total Recoverable metals and PFAS analysis where solids are included by default.
TAT for Micro is dependent on incubation. This varies from 3 to 6 days.

Ming To

From: Katrina Taylor <KTaylor@jkenvironments.com.au>
Sent: Tuesday, 2 May 2023 9:48 AM
To: Samplereceipt
Subject: FW: Results for Registration 321520 E35999BT
Attachments: 321520-[R00].pdf; 321520-COC.pdf; JK Environment Soil for Envirolab 321520.xlsx; 321520.Excel.xlsx

CAUTION: This email originated from outside of the organisation. Do not act on instructions, click links or open attachments unless you recognise the sender and know the content is authentic and safe.

Ref: 321520-A
TAT: Standard.
Due: 09/05/2023
MT.

Morning,

Please schedule the following on standard TA:

SCr
BH1 (0.6-0.8) 2
BH1 (2-2.2) 4
BH2 (0.1-0.2) 6
BH2 (2.5-2.7) 10

Thank you.

Regards
Katrina Taylor
Associate | Environmental Scientist
NSW Licensed Asbestos Assessor

T: +612 9888 5000
D: 0418 481 628
E: KTaylor@jkenvironments.com.au
www.jkenvironments.com.au

PO Box 976
NORTH RYDE BC NSW 1670
115 Wicks Road
MACQUARIE PARK NSW 2113

JKEnvironments

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From: Nancy Zhang <NZhang@envirolab.com.au>
Sent: Monday, 1 May 2023 5:52 PM
To: Katrina Taylor <KTaylor@jkenvironments.com.au>
Subject: Results for Registration 321520 E35999BT

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Please refer to attached for:
a copy of the Certificate of Analysis
a copy of the COC/paperwork received from you
an Excel or .csv file containing the results

Please note that a hard copy will not be posted.

Enquiries should be made directly to:
customerservice@envirolab.com.au

Envirolab Services Pty Ltd
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

CERTIFICATE OF ANALYSIS 321454

Client Details

Client	JK Environments
Attention	Katrina Taylor
Address	PO Box 976, North Ryde BC, NSW, 1670

Sample Details

Your Reference	**Manly**
Number of Samples	9 Air
Date samples received	21/04/2023
Date completed instructions received	21/04/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Please refer to the last page of this report for any comments relating to the results.

Report Details

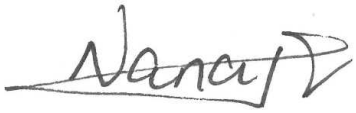
Date results requested by	01/05/2023
Date of Issue	01/05/2023

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Results Approved By
Amanda Chui, Air Toxics Team Leader
Kyle Gavrily, Senior Chemist

Authorised By



Nancy Zhang, Laboratory Manager

TO15 in Canisters/Bags					
Our Reference		321454-1	321454-3	321454-5	321454-7
Your Reference	UNITS	SV1	SV2	SV3	SVDUP1
Date Sampled		20/04/2023	20/04/2023	20/04/2023	20/04/2023
Type of sample		Air	Air	Air	Air
Air Kit Security No.		3524	1694	2293	1866
Vacuum before Shipment	Hg"	-30	-30	-30	-30
Vacuum before Analysis	Hg"	-5	-5	-5	-5
Date prepared	-	24/04/2023	24/04/2023	24/04/2023	24/04/2023
Date analysed	-	24/04/2023	24/04/2023	24/04/2023	24/04/2023
Propylene	ppbv	38	<3	<1	<3
Dichlorodifluoromethane	ppbv	<0.5	<3	<1	<3
Chloromethane	ppbv	<0.5	<3	<1	<3
1,2-Dichlorotetrafluoroethane	ppbv	<0.5	<3	<1	<3
Vinyl chloride	ppbv	<0.5	<3	<1	<3
1,3-Butadiene	ppbv	<0.5	<3	<1	<3
Bromomethane	ppbv	<0.5	<3	<1	<3
Chloroethane	ppbv	<0.5	<3	<1	<3
Ethanol	ppbv	70	90	77	100
Acrolein	ppbv	<5	<30	<10	<30
Trichlorofluoromethane (Freon 11)	ppbv	<0.5	<3	<1	<3
Acetone	ppbv	50	100	470	110
Isopropyl Alcohol	ppbv	<5	<30	10	<30
1,1-Dichloroethene	ppbv	<0.5	<3	<1	<3
1,1,2-Trichlorotrifluoroethane	ppbv	<0.5	<3	<1	<3
Methylene chloride (Dichloromethane)	ppbv	<5	<30	<10	<30
Carbon Disulfide	ppbv	<5	<30	<10	<30
trans-1,2-dichloroethene	ppbv	<0.5	<3	<1	<3
MTBE	ppbv	<0.5	<3	<1	<3
1,1- Dichloroethane	ppbv	<0.5	<3	<1	<3
Vinyl Acetate	ppbv	<0.5	<3	<1	<3
MEK	ppbv	<5	<30	<10	<30
Hexane	ppbv	31	<3	6.0	<3
cis-1,2-Dichloroethene	ppbv	<0.5	15	4	16
Ethyl Acetate	ppbv	0.7	<3	<1	<3
Chloroform	ppbv	<0.5	75	5.2	77
Tetrahydrofuran	ppbv	<0.5	<3	<1	<3
1,1,1-Trichloroethane	ppbv	<0.5	<3	<1	<3
1,2-Dichloroethane	ppbv	<0.5	<3	<1	<3
Benzene	ppbv	2	<3	4	<3
Carbon tetrachloride	ppbv	<0.5	<3	<1	<3

TO15 in Canisters/Bags					
Our Reference		321454-1	321454-3	321454-5	321454-7
Your Reference	UNITS	SV1	SV2	SV3	SVDUP1
Date Sampled		20/04/2023	20/04/2023	20/04/2023	20/04/2023
Type of sample		Air	Air	Air	Air
Air Kit Security No.		3524	1694	2293	1866
Cyclohexane	ppbv	<0.5	<3	6.5	<3
Heptane	ppbv	14	<3	4	<3
Trichloroethene	ppbv	<0.5	27	33	28
1,2-Dichloropropane	ppbv	<0.5	<3	<1	<3
1,4-Dioxane	ppbv	<0.5	<3	<1	<3
Bromodichloromethane	ppbv	<0.5	5.7	<1	5.9
Methyl Methacrylate	ppbv	<0.5	<3	<1	<3
MIBK	ppbv	<5	<30	<10	<30
cis-1,3-Dichloropropene	ppbv	<0.5	<3	<1	<3
trans-1,3-Dichloropropene	ppbv	<0.5	<3	<1	<3
Toluene	ppbv	4	<3	10	<3
1,1,2-Trichloroethane	ppbv	<0.5	<3	<1	<3
Methyl Butyl Ketone	ppbv	0.5	<3	<1	<3
Dibromochloromethane	ppbv	<0.5	<3	<1	<3
Tetrachloroethene	ppbv	190	5,800	1,900	5,700
1,2-Dibromoethane	ppbv	<0.5	<3	<1	<3
Chlorobenzene	ppbv	<0.5	<3	<1	<3
Ethylbenzene	ppbv	2	<3	2	<3
m-& p-Xylene	ppbv	6	<5	7	<5
Styrene	ppbv	1	<3	<1	<3
o-Xylene	ppbv	3	<3	3	<3
Bromoform	ppbv	<0.5	<3	<1	<3
1,1,2,2-Tetrachloroethane	ppbv	<0.5	<3	<1	<3
4-ethyl toluene	ppbv	1	<3	<1	<3
1,3,5-Trimethylbenzene	ppbv	1	<3	1	<3
1,2,4-Trimethylbenzene	ppbv	3	<3	2	<3
1,3-Dichlorobenzene	ppbv	<0.5	<3	<1	<3
Benzyl chloride	ppbv	<0.5	<3	<1	<3
1,4-Dichlorobenzene	ppbv	1	<3	<1	<3
1,2-Dichlorobenzene	ppbv	<0.5	<3	<1	<3
1,2,4-Trichlorobenzene	ppbv	<0.5	<3	<1	<3
Naphthalene	ppbv	<0.5	<3	<1	<3
Hexachloro- 1,3-butadiene	ppbv	<0.5	<3	<1	<3
Surrogate-Bromochloromethane	% rec	108	103	109	101
Surrogate -1,4-Difluorobenzene	% rec	104	101	103	100
Surrogate-Chlorobenzene-D5	% rec	103	102	103	101

TO15 in Canisters µg/m3					
Our Reference		321454-1	321454-3	321454-5	321454-7
Your Reference	UNITS	SV1	SV2	SV3	SVDUP1
Date Sampled		20/04/2023	20/04/2023	20/04/2023	20/04/2023
Type of sample		Air	Air	Air	Air
Air Kit Security No.		3524	1694	2293	1866
Vacuum before Shipment	Hg"	-30	-30	-30	-30
Vacuum before Analysis	Hg"	-5	-5	-5	-5
Date prepared	-	24/04/2023	24/04/2023	24/04/2023	24/04/2023
Date analysed	-	24/04/2023	24/04/2023	24/04/2023	24/04/2023
Propylene	µg/m³	66	<4.5	<1.8	<4.5
Dichlorodifluoromethane	µg/m³	<2.5	<12.5	<5	<12.5
Chloromethane	µg/m³	<1	<5	<2	<5
1,2-Dichlorotetrafluoroethane	µg/m³	<2.5	<12.5	<5	<12.5
Vinyl chloride	µg/m³	<1.3	<6.5	<2.6	<6.5
1,3-Butadiene	µg/m³	<1.1	<5.5	<2.2	<5.5
Bromomethane	µg/m³	<1.9	<9.5	<3.8	<9.5
Chloroethane	µg/m³	<1.3	<6.5	<2.6	<6.5
Ethanol	µg/m³	130	170	150	200
Acrolein	µg/m³	<11	<55	<22	<55
Trichlorofluoromethane (Freon 11)	µg/m³	<2.8	<14	<5.6	<14
Acetone	µg/m³	100	240	1,100	250
Isopropyl Alcohol	µg/m³	<12	<60	30	<60
1,1-Dichloroethene	µg/m³	<2	<10	<4	<10
1,1,2-Trichlorotrifluoroethane	µg/m³	<3.8	<19	<7.6	<19
Methylene chloride (Dichloromethane)	µg/m³	<17	<85	<34	<85
Carbon Disulfide	µg/m³	<16	<80	<32	<80
trans-1,2-dichloroethene	µg/m³	<2	<10	<4	<10
MTBE	µg/m³	<1.8	<9	<3.6	<9
1,1- Dichloroethane	µg/m³	<2	<10	<4	<10
Vinyl Acetate	µg/m³	<1.8	<9	<3.6	<9
MEK	µg/m³	<15	<75	<30	<75
Hexane	µg/m³	110	<9	21	<9
cis-1,2-Dichloroethene	µg/m³	<2	61	20	61
Ethyl Acetate	µg/m³	3	<9	<3.6	<9
Chloroform	µg/m³	<2.4	370	25	380
Tetrahydrofuran	µg/m³	<1.5	<7.5	<3	<7.5
1,1,1-Trichloroethane	µg/m³	<2.7	<13.5	<5.4	<13.5
1,2-Dichloroethane	µg/m³	<2	<10	<4	<10
Benzene	µg/m³	6	<8	10	<8
Carbon tetrachloride	µg/m³	<3.1	<15.5	<6.2	<15.5

TO15 in Canisters µg/m3					
Our Reference		321454-1	321454-3	321454-5	321454-7
Your Reference	UNITS	SV1	SV2	SV3	SVDUP1
Date Sampled		20/04/2023	20/04/2023	20/04/2023	20/04/2023
Type of sample		Air	Air	Air	Air
Air Kit Security No.		3524	1694	2293	1866
Cyclohexane	µg/m³	<1.7	<8.5	22	<8.5
Heptane	µg/m³	57	<10	20	<10
Trichloroethene	µg/m³	<2.7	140	180	150
1,2-Dichloropropane	µg/m³	<2.3	<11.5	<4.6	<11.5
1,4-Dioxane	µg/m³	<1.8	<9	<3.6	<9
Bromodichloromethane	µg/m³	<3.4	38	<6.8	39
Methyl Methacrylate	µg/m³	<2	<10	<4	<10
MIBK	µg/m³	<20	<100	<40	<100
cis-1,3-Dichloropropene	µg/m³	<2.3	<11.5	<4.6	<11.5
trans-1,3-Dichloropropene	µg/m³	<2.3	<11.5	<4.6	<11.5
Toluene	µg/m³	20	<9.5	38	<9.5
1,1,2-Trichloroethane	µg/m³	<2.7	<13.5	<5.4	<13.5
Methyl Butyl Ketone	µg/m³	2	<10	<4	<10
Dibromochloromethane	µg/m³	<1.6	<8	<3.2	<8
Tetrachloroethene	µg/m³	1,300	40,000	13,000	39,000
1,2-Dibromoethane	µg/m³	<3.8	<19	<7.6	<19
Chlorobenzene	µg/m³	<2.3	<11.5	<4.6	<11.5
Ethylbenzene	µg/m³	7	<11	8	<11
m-& p-Xylene	µg/m³	30	<21.5	30	<21.5
Styrene	µg/m³	5	<10.5	<4.2	<10.5
o-Xylene	µg/m³	10	<11	10	<11
Bromoform	µg/m³	<5.2	<26	<10.4	<26
1,1,2,2-Tetrachloroethane	µg/m³	<3.4	<17	<6.8	<17
4-ethyl toluene	µg/m³	5	<12.5	<5	<12.5
1,3,5-Trimethylbenzene	µg/m³	7	<12.5	5	<12.5
1,2,4-Trimethylbenzene	µg/m³	10	<12.5	9	<12.5
1,3-Dichlorobenzene	µg/m³	<3	<15	<6	<15
Benzyl chloride	µg/m³	<2.6	<13	<5.2	<13
1,4-Dichlorobenzene	µg/m³	6	<15	<6	<15
1,2-Dichlorobenzene	µg/m³	<3	<15	<6	<15
1,2,4-Trichlorobenzene	µg/m³	<3.7	<18.5	<7.4	<18.5
Naphthalene	µg/m³	<2.6	<13	<5.2	<13
Hexachloro- 1,3-butadiene	µg/m³	<5.3	<26.5	<10.6	<26.5
Surrogate-Bromochloromethane	% rec	108	103	109	101
Surrogate -1,4-Difluorobenzene	% rec	104	101	103	100
Surrogate-Chlorobenzene-D5	% rec	103	102	103	101

TPH Air/ Air Phase Hydrocarbon					
Our Reference		321454-1	321454-3	321454-5	321454-7
Your Reference	UNITS	SV1	SV2	SV3	SVDUP1
Date Sampled		20/04/2023	20/04/2023	20/04/2023	20/04/2023
Type of sample		Air	Air	Air	Air
Air Kit Security No.		3524	1694	2293	1866
Date prepared	-	24/04/2023	24/04/2023	24/04/2023	24/04/2023
Date analysed	-	24/04/2023	24/04/2023	24/04/2023	24/04/2023
TPH C_5 - C_8 Aliphatic	µg/m^3	1,300	18,000	6,300	18,000
TPH C_9 - C_{12} Aliphatic	µg/m^3	200	<250	<100	<250
TPH C_9 - C_{10} Aromatic	µg/m^3	<100	<500	<200	<500
TPH C_6 - C_{10} - BTEX (F1)	µg/m^3	<200	16,000	2,700	17,000
TPH >C_{10} - C_{12} - Naphthalene (F2)	µg/m^3	160	<200	<80	<200

VOC in Carbon tubes		
Our Reference		321454-9
Your Reference	UNITS	Shroud
Date Sampled		20/04/2023
Type of sample		Air
Air Kit Security No.		171504646
Date extracted	-	26/04/2023
Date analysed	-	26/04/2023
Isopropyl Alcohol*	µg/tube	58
Surrogate Toluene-d8	%	81
Surrogate 4-Bromofluorobenzene	%	82

VOC in Carbon tubes		
Our Reference		321454-9
Your Reference	UNITS	Shroud
Date Sampled		20/04/2023
Type of sample		Air
Air Kit Security No.		171504646
Date prepared	-	26/04/2023
Date analysed	-	26/04/2023
Tube Sampling rate	mL/min	50
Tube Sampling Time	mins	1.0
Volume sampled	m^3	0.00005000
Isopropyl Alcohol	$\mu g/m^3$	1,200,000

Method ID	Methodology Summary
AT-005	Measurement of Air-Phase Petroleum Hydrocarbons and Ozone Precursors by GC-MS.
ORG-022	Determination of volatile organic compounds in charcoal tubes/badges/sorbents using CS2 extraction, determined by GC/GC-MS. Desorption efficiencies are not applied to results. Note where µg/m^3 results are supplied for SKC badges, the factors used are for 575-001, if 575-001 data is unavailable for an analyte then use 575-002 then 575-003 (exposure time must be supplied). Otherwise a sampling rate may be used for a similar analyte on request. Analytes such as (where applicable) Iodomethane, Chloroprene, Nitrobenzene, Naphthalene and 1, 2, 3 // 1, 2, 4 Trichlorobenzenes are considered to be semi-quant analyses using CS2 desorption from charcoal tubes. The latter three compounds are better served by XAD-2 collection and analysis. Note - air volume measurements are not covered by Envirolab's NATA accreditation.
TO15	USEPA TO15 - Analysis of VOC's in air using USEPA TO15 and in house method AT-002. Note, longer term stability of some oxygenated compounds is questionable where significant humidity is present.
USEPA 18	Measurement of Gaseous Organic Compound Emissions by Gas Chromatography using USEPA m18.

QUALITY CONTROL: TO15 in Canisters/Bags					Duplicate				Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Vacuum before Shipment	Hg"			[NT]	1	-30	-30	0	[NT]	[NT]
Vacuum before Analysis	Hg"			[NT]	1	-5	-5	0	[NT]	[NT]
Date prepared	-			24/04/2023	1	24/04/2023	24/04/2023		24/04/2023	[NT]
Date analysed	-			24/04/2023	1	24/04/2023	24/04/2023		24/04/2023	[NT]
Propylene	ppbv	0.5	TO15	<0.5	1	38	39	3	107	[NT]
Dichlorodifluoromethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Chloromethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,2-Dichlorotetrafluoroethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Vinyl chloride	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,3-Butadiene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Bromomethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Chloroethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Ethanol	ppbv	5	TO15	<5	1	70	71	1	[NT]	[NT]
Acrolein	ppbv	5	TO15	<5	1	<5	<5	0	[NT]	[NT]
Trichlorofluoromethane (Freon 11)	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Acetone	ppbv	5	TO15	<5	1	50	50	0	[NT]	[NT]
Isopropyl Alcohol	ppbv	5	TO15	<5	1	<5	<5	0	[NT]	[NT]
1,1-Dichloroethene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,1,2-Trichlorotrifluoroethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Methylene chloride (Dichloromethane)	ppbv	5	TO15	<5	1	<5	<5	0	[NT]	[NT]
Carbon Disulfide	ppbv	5	TO15	<5	1	<5	<5	0	[NT]	[NT]
trans-1,2-dichloroethene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
MTBE	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,1- Dichloroethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Vinyl Acetate	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
MEK	ppbv	5	TO15	<5	1	<5	5	0	[NT]	[NT]
Hexane	ppbv	0.5	TO15	<0.5	1	31	32	3	97	[NT]
cis-1,2-Dichloroethene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Ethyl Acetate	ppbv	0.5	TO15	<0.5	1	0.7	0.7	0	[NT]	[NT]
Chloroform	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Tetrahydrofuran	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,1,1-Trichloroethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,2-Dichloroethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Benzene	ppbv	0.5	TO15	<0.5	1	2	2	0	95	[NT]
Carbon tetrachloride	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Cyclohexane	ppbv	0.5	TO15	<0.5	1	<0.5	0.5	0	91	[NT]
Heptane	ppbv	0.5	TO15	<0.5	1	14	14	0	102	[NT]

QUALITY CONTROL: TO15 in Canisters/Bags						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Trichloroethene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,2-Dichloropropane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,4-Dioxane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Bromodichloromethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Methyl Methacrylate	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
MIBK	ppbv	5	TO15	<5	1	<5	<5	0	[NT]	[NT]
cis-1,3-Dichloropropene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
trans-1,3-Dichloropropene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Toluene	ppbv	0.5	TO15	<0.5	1	4	4	0	101	[NT]
1,1,2-Trichloroethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Methyl Butyl Ketone	ppbv	0.5	TO15	<0.5	1	0.5	<0.5	0	[NT]	[NT]
Dibromochloromethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Tetrachloroethene	ppbv	0.5	TO15	<0.5	1	190	200	5	[NT]	[NT]
1,2-Dibromoethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Chlorobenzene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Ethylbenzene	ppbv	0.5	TO15	<0.5	1	2	2	0	103	[NT]
m-& p-Xylene	ppbv	1	TO15	<1	1	6	6	0	100	[NT]
Styrene	ppbv	0.5	TO15	<0.5	1	1	1	0	100	[NT]
o-Xylene	ppbv	0.5	TO15	<0.5	1	3	3	0	102	[NT]
Bromoform	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,1,2,2-Tetrachloroethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
4-ethyl toluene	ppbv	0.5	TO15	<0.5	1	1	1	0	103	[NT]
1,3,5-Trimethylbenzene	ppbv	0.5	TO15	<0.5	1	1	1	0	101	[NT]
1,2,4-Trimethylbenzene	ppbv	0.5	TO15	<0.5	1	3	3	0	103	[NT]
1,3-Dichlorobenzene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Benzyl chloride	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,4-Dichlorobenzene	ppbv	0.5	TO15	<0.5	1	1	0.7	35	[NT]	[NT]
1,2-Dichlorobenzene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,2,4-Trichlorobenzene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Naphthalene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Hexachloro- 1,3-butadiene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Surrogate-Bromochloromethane	% rec		TO15	100	1	108	107	1	106	[NT]
Surrogate -1,4-Difluorobenzene	% rec		TO15	97	1	104	103	1	100	[NT]
Surrogate-Chlorobenzene-D5	% rec		TO15	96	1	103	102	1	101	[NT]

QUALITY CONTROL: TO15 in Canisters µg/m3					Duplicate				Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	[NT]	[NT]
Vacuum before Shipment	Hg"			[NT]	1	-30	-30	0	[NT]	[NT]
Vacuum before Analysis	Hg"			[NT]	1	-5	-5	0	[NT]	[NT]
Date prepared	-			24/04/2023	1	24/04/2023	24/04/2023		[NT]	[NT]
Date analysed	-			24/04/2023	1	24/04/2023	24/04/2023		[NT]	[NT]
Propylene	µg/m³	0.9	TO15	<0.9	1	66	67	2	[NT]	[NT]
Dichlorodifluoromethane	µg/m³	2.5	TO15	<2.5	1	<2.5	<2.5	0	[NT]	[NT]
Chloromethane	µg/m³	1.0	TO15	<1.0	1	<1	<1	0	[NT]	[NT]
1,2-Dichlorotetrafluoroethane	µg/m³	2.5	TO15	<2.5	1	<2.5	<2.5	0	[NT]	[NT]
Vinyl chloride	µg/m³	1.3	TO15	<1.3	1	<1.3	<1.3	0	[NT]	[NT]
1,3-Butadiene	µg/m³	1.1	TO15	<1.1	1	<1.1	<1.1	0	[NT]	[NT]
Bromomethane	µg/m³	1.9	TO15	<1.9	1	<1.9	<1.9	0	[NT]	[NT]
Chloroethane	µg/m³	1.3	TO15	<1.3	1	<1.3	<1.3	0	[NT]	[NT]
Ethanol	µg/m³	9	TO15	<9	1	130	130	0	[NT]	[NT]
Acrolein	µg/m³	11	TO15	<11	1	<11	<11	0	[NT]	[NT]
Trichlorofluoromethane (Freon 11)	µg/m³	2.8	TO15	<2.8	1	<2.8	<2.8	0	[NT]	[NT]
Acetone	µg/m³	11.9	TO15	<11.9	1	100	100	0	[NT]	[NT]
Isopropyl Alcohol	µg/m³	12	TO15	<12	1	<12	<12	0	[NT]	[NT]
1,1-Dichloroethene	µg/m³	2.0	TO15	<2.0	1	<2	<2	0	[NT]	[NT]
1,1,2-Trichlorotrifluoroethane	µg/m³	3.8	TO15	<3.8	1	<3.8	<3.8	0	[NT]	[NT]
Methylene chloride (Dichloromethane)	µg/m³	17	USEPA 18	<17	1	<17	<17	0	[NT]	[NT]
Carbon Disulfide	µg/m³	16	TO15	<16	1	<16	<16	0	[NT]	[NT]
trans-1,2-dichloroethene	µg/m³	2.0	TO15	<2.0	1	<2	<2	0	[NT]	[NT]
MTBE	µg/m³	1.8	TO15	<1.8	1	<1.8	<1.8	0	[NT]	[NT]
1,1- Dichloroethane	µg/m³	2.0	TO15	<2.0	1	<2	<2	0	[NT]	[NT]
Vinyl Acetate	µg/m³	1.8	TO15	<1.8	1	<1.8	<1.8	0	[NT]	[NT]
MEK	µg/m³	15	TO15	<15	1	<15	<15	0	[NT]	[NT]
Hexane	µg/m³	1.8	TO15	<1.8	1	110	110	0	[NT]	[NT]
cis-1,2-Dichloroethene	µg/m³	2.0	TO15	<2.0	1	<2	<2	0	[NT]	[NT]
Ethyl Acetate	µg/m³	1.8	TO15	<1.8	1	3	2	40	[NT]	[NT]
Chloroform	µg/m³	2.4	TO15	<2.4	1	<2.4	<2.4	0	[NT]	[NT]
Tetrahydrofuran	µg/m³	1.5	TO15	<1.5	1	<1.5	<1.5	0	[NT]	[NT]
1,1,1-Trichloroethane	µg/m³	2.7	TO15	<2.7	1	<2.7	<2.7	0	[NT]	[NT]
1,2-Dichloroethane	µg/m³	2.0	TO15	<2.0	1	<2	<2	0	[NT]	[NT]
Benzene	µg/m³	1.6	TO15	<1.6	1	6	6	0	[NT]	[NT]
Carbon tetrachloride	µg/m³	3.1	TO15	<3.1	1	<3.1	<3.1	0	[NT]	[NT]
Cyclohexane	µg/m³	1.7	TO15	<1.7	1	<1.7	2	16	[NT]	[NT]
Heptane	µg/m³	2.0	TO15	<2.0	1	57	58	2	[NT]	[NT]

QUALITY CONTROL: TO15 in Canisters µg/m3						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	[NT]	[NT]
Trichloroethene	µg/m³	2.7	TO15	<2.7	1	<2.7	<2.7	0	[NT]	[NT]
1,2-Dichloropropane	µg/m³	2.3	TO15	<2.3	1	<2.3	<2.3	0	[NT]	[NT]
1,4-Dioxane	µg/m³	1.8	TO15	<1.8	1	<1.8	<1.8	0	[NT]	[NT]
Bromodichloromethane	µg/m³	3.4	TO15	<3.4	1	<3.4	<3.4	0	[NT]	[NT]
Methyl Methacrylate	µg/m³	2.0	TO15	<2.0	1	<2	<2	0	[NT]	[NT]
MIBK	µg/m³	20	TO15	<20	1	<20	<20	0	[NT]	[NT]
cis-1,3-Dichloropropene	µg/m³	2.3	TO15	<2.3	1	<2.3	<2.3	0	[NT]	[NT]
trans-1,3-Dichloropropene	µg/m³	2.3	TO15	<2.3	1	<2.3	<2.3	0	[NT]	[NT]
Toluene	µg/m³	1.9	TO15	<1.9	1	20	20	0	[NT]	[NT]
1,1,2-Trichloroethane	µg/m³	2.7	TO15	<2.7	1	<2.7	<2.7	0	[NT]	[NT]
Methyl Butyl Ketone	µg/m³	2.0	TO15	<2.0	1	2	<2	0	[NT]	[NT]
Dibromochloromethane	µg/m³	1.6	TO15	<1.6	1	<1.6	<1.6	0	[NT]	[NT]
Tetrachloroethene	µg/m³	3.4	TO15	<3.4	1	1300	1300	0	[NT]	[NT]
1,2-Dibromoethane	µg/m³	3.8	TO15	<3.8	1	<3.8	<3.8	0	[NT]	[NT]
Chlorobenzene	µg/m³	2.3	TO15	<2.3	1	<2.3	<2.3	0	[NT]	[NT]
Ethylbenzene	µg/m³	2.2	TO15	<2.2	1	7	7	0	[NT]	[NT]
m-& p-Xylene	µg/m³	4.3	TO15	<4.3	1	30	30	0	[NT]	[NT]
Styrene	µg/m³	2.1	TO15	<2.1	1	5	5	0	[NT]	[NT]
o-Xylene	µg/m³	2.2	TO15	<2.2	1	10	10	0	[NT]	[NT]
Bromoform	µg/m³	5.2	TO15	<5.2	1	<5.2	<5.2	0	[NT]	[NT]
1,1,2,2-Tetrachloroethane	µg/m³	3.4	TO15	<3.4	1	<3.4	<3.4	0	[NT]	[NT]
4-ethyl toluene	µg/m³	2.5	TO15	<2.5	1	5	5	0	[NT]	[NT]
1,3,5-Trimethylbenzene	µg/m³	2.5	TO15	<2.5	1	7	6	15	[NT]	[NT]
1,2,4-Trimethylbenzene	µg/m³	2.5	TO15	<2.5	1	10	10	0	[NT]	[NT]
1,3-Dichlorobenzene	µg/m³	3.0	TO15	<3.0	1	<3	<3	0	[NT]	[NT]
Benzyl chloride	µg/m³	2.6	TO15	<2.6	1	<2.6	<2.6	0	[NT]	[NT]
1,4-Dichlorobenzene	µg/m³	3.0	TO15	<3.0	1	6	4	40	[NT]	[NT]
1,2-Dichlorobenzene	µg/m³	3.0	TO15	<3.0	1	<3	<3	0	[NT]	[NT]
1,2,4-Trichlorobenzene	µg/m³	3.7	TO15	<3.7	1	<3.7	<3.7	0	[NT]	[NT]
Naphthalene	µg/m³	2.6	TO15	<2.6	1	<2.6	<2.6	0	[NT]	[NT]
Hexachloro- 1,3-butadiene	µg/m³	5.3	TO15	<5.3	1	<5.3	<5.3	0	[NT]	[NT]
Surrogate-Bromochloromethane	% rec		TO15	100	1	108	107	1	[NT]	[NT]
Surrogate -1,4-Difluorobenzene	% rec		TO15	97	1	104	103	1	[NT]	[NT]
Surrogate-Chlorobenzene-D5	% rec		TO15	96	1	103	102	1	[NT]	[NT]

QUALITY CONTROL: TPH Air/ Air Phase Hydrocarbon						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			24/04/2023	1	24/04/2023	24/04/2023		24/04/2023	[NT]
Date analysed	-			24/04/2023	1	24/04/2023	24/04/2023		24/04/2023	[NT]
TPH C_5 - C_8 Aliphatic	µg/m^3	200	AT-005	<200	1	1300	1300	0	98	[NT]
TPH C_9 - C_{12} Aliphatic	µg/m^3	50	AT-005	<50	1	200	200	0	[NT]	[NT]
TPH C_9 - C_{10} Aromatic	µg/m^3	100	AT-005	<100	1	<100	<100	0	100	[NT]
TPH C_6 - C_{10} - BTEX (F1)	µg/m^3	200	TO15	<200	1	<200	<200	0	98	[NT]
TPH >C_{10} - C_{12} - Naphthalene (F2)	µg/m^3	40	TO15	<40	1	160	180	12	98	[NT]

QUALITY CONTROL: VOC in Carbon tubes						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date extracted	-			26/04/2023	[NT]	[NT]	[NT]	[NT]	26/04/2023	[NT]
Date analysed	-			26/04/2023	[NT]	[NT]	[NT]	[NT]	26/04/2023	[NT]
Isopropyl Alcohol*	µg/tube	5	ORG-022	<5	[NT]	[NT]	[NT]	[NT]	102	[NT]
Surrogate Toluene-d8	%		ORG-022	94	[NT]	[NT]	[NT]	[NT]	92	[NT]
Surrogate 4-Bromofluorobenzene	%		ORG-022	99	[NT]	[NT]	[NT]	[NT]	96	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.

Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.

The recommended maximums for analytes in urine are taken from “2018 TLVs and BEIs”, as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.

Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Report Comments

PQL has been raised due to interference from analytes (other than those being tested) in the sample/s.

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12 Ashley St Chatswood NSW 2067
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customerservice@envirolab.com.au
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SAMPLE RECEIPT ADVICE

Client Details

Client	JK Environments
Attention	Katrina Taylor

Sample Login Details

Your reference	Manly
Envirolab Reference	321454
Date Sample Received	21/04/2023
Date Instructions Received	21/04/2023
Date Results Expected to be Reported	01/05/2023

Sample Condition

Samples received in appropriate condition for analysis	Yes
No. of Samples Provided	9 Air
Turnaround Time Requested	Standard
Temperature on Receipt (°C)	n/a
Cooling Method	Not applicable
Sampling Date Provided	YES

Comments

Nil

Please direct any queries to:

Aileen Hie	Jacinta Hurst
Phone: 02 9910 6200	**Phone: 02 9910 6200**
Fax: 02 9910 6201	**Fax: 02 9910 6201**
Email: ahie@envirolab.com.au	**Email: jhurst@envirolab.com.au**

Analysis Underway, details on the following page:

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ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
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Sample ID	TO15 in Canisters/Bags	TO15 in Canisters µg/m3	TPH Air/ Air Phase Hydrocarbon	VOC in Carbon tubes	VOC in Carbon tubes	On Hold
SV1	✓	✓	✓			
SV1						✓
SV2	✓	✓	✓			
SV2						✓
SV3	✓	✓	✓			
SV3						✓
SVDUP1	✓	✓	✓			
SVDUP1						✓
Shroud				✓	✓	

The '✓' indicates the testing you have requested. **THIS IS NOT A REPORT OF THE RESULTS.**

Additional Info

Sample storage - Waters are routinely disposed of approximately 1 month and soils approximately 2 months from receipt.
Requests for longer term sample storage must be received in writing.
Please contact the laboratory immediately if observed settled sediment present in water samples is to be included in the extraction and/or analysis (exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, Total Recoverable metals and PFAS analysis where solids are included by default.
TAT for Micro is dependent on incubation. This varies from 3 to 6 days.

CHAIN OF CUSTODY - CANISTERS / BAGS / TD TUBES

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ENVIROLAB GROUP

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Darwin Office - Envirolab Services
Unit 20/119 Reichardt Road, Winnellie, NT 0820

Client: JK Environments	Client Project Name / Number / Site etc. (i.e. report title): Preliminary Site Investigation (PSI)
Contact Person: Harley Wang	
Project Mgr: Katrina Taylor	PO No.: E35999BT Manly
Sampler: Harley Wang	Envirolab Quote No. :
Address: 115 Wicks Road, Macquarie Park	Date results required: Or choose: standard *Note: Inform lab in advance if urgent turnaround is required - surcharges apply*
Phone: 9888 5000 Mob:	Additional report format: esdat / equis /
Email: ktaylor@jkenvironments.com.au	Lab Comments:

Sample Information							Collection Time		Canister Vacuum ("Hg")			Tests Required								
Envirolab Sample ID	Client Sample ID (Field Location)	Canister / TD Tube #	Soil Gas Train / Mass Flow Controller #	Leak Test Passed (Y/N)	PID Reading (ppmv)	Date of Collection	Time On	Time Off	Initial	Final	Flow Rate (Bags/TD Tubes only)	TO-15 (Cans)	TRH (F1 & F2)	IPA					Purge volume	Carbon tube ID
1,2	SV1	3524	1745	Yes	0.6	20/04/2023	10:18am	10:34am	-30Hg"	-6Hg"	100mL/min	X	X						300mL	171504648
3,4	SV2	1694	1742	Yes	5.5	20/04/2023	11:01am	11:19am	-30Hg"	-6Hg"	100mL/min	X	X						300mL	171504654
5,6	SV3	2293	1976	Yes	2.9	20/04/2023	11:51am	12:05pm	-29Hg"	-6Hg"	100mL/min	X	X						300mL	171504651
7,8	SVDUP1	1866	1750	Yes	NA	20/04/2023	11:01am	11:19am	-30Hg"	-6Hg"	100mL/min	X	X						100mL	Not taken
9	Shroud	-	-	-	NA	20/04/2023	10:39am	10:40am	-	-	-			X					50mL	171504646

* General Gases - Please tick one:

- ☐ 1) Methane, Oxygen, Carbon dioxide, Carbon monoxide, Nitrogen
- ☐ 2) Methane, Oxygen, Carbon dioxide, Carbon monoxide, Helium, Hydrogen
- ☐ 3) Specify analytes (NB: If both Nitrogen and Helium/Hydrogen are require, please contact the laboratory

Notes:

SV1 installed at 8:59am to 200mm. Approx 30mm void beneath tile

SV2 installed at 9:08am to 200mm. SV3 installed at 10:00am to 200mm

Relinquished by (Company):	Received by (Company): 321454	Lab Use Only:
Print Name: Harley Wang	Print Name: DTOKED	Job Number: 321454
Date & Time: 21/04/23 at 10;23am	Date & Time: 21/04/23 14:00	Security seal: Intact / Broken / None
Signature:	Signature:	TAT Req - SAME day / 1 / 2 / 3 / 4 / STD

Appendix F: Report Explanatory Notes

QA/QC Definitions

The QA/QC terms used in this report are defined below. The definitions are in accordance with US EPA publication SW-846, entitled *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods* (1994)[16] methods and those described in *Environmental Sampling and Analysis, A Practical Guide,* (1991)[17]. The NEPM (2013) is consistent with these documents.

A. Practical Quantitation Limit (PQL), Limit of Reporting (LOR) & Estimated Quantitation Limit (EQL)

These terms all refer to the concentration above which results can be expressed with a minimum 95% confidence level. The laboratory reporting limits are generally set at ten times the standard deviation for the Method Detection Limit for each specific analyte. For the purposes of this report the LOR, PQL, and EQL are considered to be equivalent.

When assessing laboratory data it should be borne in mind that values at or near the PQL have two important limitations: *"The uncertainty of the measurement value can approach, and even equal, the reported value. Secondly, confirmation of the analytes reported is virtually impossible unless identification uses highly selective methods. These issues diminish when reliably measurable amounts of analytes are present. Accordingly, legal and regulatory actions should be limited to data at or above the reliable detection limit*" (Keith, 1991).

B. Precision

The degree to which data generated from repeated measurements differ from one another due to random errors. Precision is measured using the standard deviation or Relative Percent Difference (RPD).

C. Accuracy

Accuracy is a measure of the agreement between an experimental result and the true value of the parameter being measured (i.e. the proximity of an averaged result to the true value, where all random errors have been statistically removed). The assessment of accuracy for an analysis can be achieved through the analysis of known reference materials or assessed by the analysis of surrogates, field blanks, trip spikes and matrix spikes. Accuracy is typically reported as percent recovery.

D. Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is primarily dependent upon the design and implementation of the sampling program. Representativeness of the data is partially ensured by the avoidance of contamination, adherence to sample handing and analysis protocols and use of proper chain-of-custody and documentation procedures.

E. Completeness

Completeness is a measure of the number of valid measurements in a data set compared to the total number of measurements made and overall performance against DQIs. The following information is assessed for completeness:

- Chain-of-custody forms;
- Sample receipt form;
- All sample results reported;
- All blank data reported;

[16] US EPA, (1994). *SW-846: Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.* (US EPA SW-846)

[17] Keith., H, (1991). *Environmental Sampling and Analysis, A Practical Guide*

- All laboratory duplicate and RPDs calculated;
- All surrogate spike data reported;
- All matrix spike and lab control spike (LCS) data reported and RPDs calculated;
- Spike recovery acceptable limits reported; and
- NATA stamp on reports.

F. Comparability

Comparability is the evaluation of the similarity of conditions (e.g. sample depth, sample homogeneity) under which separate sets of data are produced. Data comparability checks include a bias assessment that may arise from the following sources:

- Collection and analysis of samples by different personnel; Use of different techniques;
- Collection and analysis by the same personnel using the same methods but at different times; and
- Spatial and temporal changes (due to environmental dynamics).

G. Blanks

The purpose of laboratory and field blanks is to check for artefacts and interferences that may arise during sampling, transport and analysis.

H. Matrix Spikes

Samples are spiked with laboratory grade standards to detect interactive effects between the sample matrix and the analytes being measured. Matrix Spikes are reported as a percent recovery and are prepared for 1 in every 20 samples. Sample batches that contain less than 20 samples may be reported with a Matrix Spike from another batch. The percent recovery is calculated using the formula below. Acceptable recovery limits are 70% to 130%.

$$\frac{\text{(Spike Sample Result – Sample Result) x 100}}{\text{Concentration of Spike Added}}$$

I. Surrogate Spikes

Samples are spiked with a known concentration of compounds that are chemically related to the analyte being investigated but unlikely to be detected in the environment. The purpose of the Surrogate Spikes is to check the accuracy of the analytical technique. Surrogate Spikes are reported as percent recovery.

J. Duplicates

Laboratory duplicates measure precision, expressed as Relative Percent Difference. Duplicates are prepared from a single field sample and analysed as two separate extraction procedures in the laboratory. The RPD is calculated using the formula where D1 is the sample concentration and D2 is the duplicate sample concentration:

$$\frac{(D1 - D2) \times 100}{\{(D1 + D2)/2\}}$$

Appendix G: Data (QA/QC) Evaluation

Data (QA/QC) Evaluation

A. INTRODUCTION

This Data (QA/QC) Evaluation forms part of the validation process for the DQOs documented in Section 6.1 of this report. Checks were made to assess the data in terms of precision, accuracy, representativeness, comparability and completeness. These 'PARCC' parameters are referred to collectively as DQIs and are defined in the Report Explanatory Notes attached in the report appendices.

1. Field and Laboratory Considerations

The quality of the analytical data produced for this project has been considered in relation to the following:

- Sample collection, storage, transport and analysis;
- Laboratory PQLs;
- Field QA/QC results; and
- Laboratory QA/QC results.

2. Field QA/QC Samples and Analysis

A summary of the field QA/QC samples collected and analysed for this investigation is provided in the following table:

Sample Type	Sample Identification	Frequency (of Sample Type)	Analysis Performed
Intra-laboratory duplicate (soil)	S Dup1 (primary sample BH1 0-0.1m)	Approximately 25% of primary samples	Heavy metals, TRH/BTEX, PAHs, OCPs, OPPs and PCBs
Intra-laboratory duplicate (soil vapour)	SVDUP1 (primary sample SV2)	Approximately 33% of primary samples	TPH F1/F2, VOCs
Trip spike (soil)	TS1 (20 April 2023)	One for the investigation to demonstrate adequacy of decontamination methods	BTEX
Filed blank (soil)	TB1 (20 April 2023)	One for the investigation to demonstrate adequacy of decontamination methods	Heavy metals, TRH/BTEX, and PAHs
Field rinsate (hand auger)	FR-HA1 (20 April 2023)	One for the investigation to demonstrate adequacy of decontamination methods	Heavy metals, TRH/BTEX, and PAHs
Shroud Leak Test (vapour)	Shroud (20 April 2023)	One for the investigation to demonstrate adequacy of decontamination methods	Isopropanol

The results for the field QA/QC samples are detailed in the laboratory summary tables (Table Q1 to Table Q2 inclusive) attached to the investigation report and are discussed in the subsequent sections of this Data (QA/QC) Evaluation report.

3. Data Assessment Criteria

JKE adopted the following criteria for assessing the field and laboratory QA/QC analytical results:

Field Duplicates

Acceptable targets for precision of field duplicates in this report will be 30% or less, consistent with NEPM (2013). RPD failures will be considered qualitatively on a case-by-case basis taking into account factors such as the concentrations used to calculate the RPD (i.e. RPD exceedance where concentrations are close to the PQL are typically not as significant as those where concentrations are reported at least five or 10 times the PQL), sample type, collection methods and the specific analyte where the RPD exceedance was reported.

Field/Trip Blanks and Rinsates

Acceptable targets for field blank and rinsate samples in this report will be less than the PQL for organic analytes. Metals will be considered on a case-by-case basis with regards to typical background concentrations in soils and published drinking water guidelines for waters.

Trip Spikes

Acceptable targets for trip spike samples in this report will be 70% to 130%.

Isopropanol Shroud

The isopropanol shroud sample is used for leak test purposes. The shroud sample intends to demonstrate a high isopropanol concentration, then the soil vapour samples ideally should not detect high concentrations of isopropanol. A significant (>10mg/m^3 or >10,000µg/m^3) detection of isopropanol in the soil vapour samples may indicate a leak in the installation and suggest that ambient air is being drawn into the installation during sampling.

Laboratory QA/QC

The suitability of the laboratory data is assessed against the laboratory QA/QC criteria which is outlined in the laboratory reports. These criteria were developed and implemented in accordance with the laboratory's NATA accreditation and align with the acceptable limits for QA/QC samples as outlined in NEPM (2013) and other relevant guidelines.

A summary of the acceptable limits adopted by the primary laboratory (Envirolab) is provided below:

RPDs

- Results that are <5 times the PQL, any RPD is acceptable; and
- Results >5 times the PQL, RPDs between 0-50% are acceptable.

Laboratory Control Samples (LCS) and Matrix Spikes

- 70-130% recovery acceptable for metals and inorganics;
- 60-140% recovery acceptable for organics; and

- 10-140% recovery acceptable for VOCs.

Surrogate Spikes
- 60-140% recovery acceptable for general organics; and
- 10-140% recovery acceptable for VOCs.

Method Blanks
- All results less than PQL.

B. DATA EVALUATION

1. Sample Collection, Storage, Transport and Analysis

Samples were collected by trained field staff in accordance. Field sampling procedures were designed to be consistent with relevant guidelines, including NEPM (2013) and other guidelines made under the CLM Act 1997.

Appropriate sample preservation, handling and storage procedures were adopted. Laboratory analysis was undertaken within specified holding times generally in accordance with Schedule B(3) of NEPM (2013) and the laboratory NATA accredited methodologies. Envirolab noted that the asbestos results were reported to be consistent with the recommendations in NEPM (2013), however this level of reporting is outside the scope of their NATA accreditation. In the absence of other available analytical methods for asbestos, this was found to be acceptable for the purpose of this investigation.

Review of the project data also indicated that:
- COC documentation was adequately maintained;
- Sample receipt advice documentation was provided for all sample batches;
- All analytical results were reported; and
- Consistent units were used to report the analysis results.

2. Laboratory PQLs

Appropriate PQLs were adopted for the analysis and all PQLs were below the SAC.

3. Field QA/QC Sample Results

Field Duplicates

The results indicated that field precision was acceptable. RPD non-conformances were reported for several PAH compounds, cadmium, copper, mercury and zinc in SDup 1/BH1 (0-0.1m).

Values outside the acceptable limits have been attributed to sample heterogeneity and the difficulties associated with obtaining homogenous duplicate samples of heterogeneous matrices. As both the primary and duplicate sample results were less than the SAC, the exceedances are not considered to have had an adverse impact on the data set as a whole.

Field/Trip Blanks

During the investigation, one soil trip blank was placed in the esky during sampling and transported back to the laboratory. The soil trip blank analysis results were all less than the PQLs with the exception of chromium, lead and zinc with reported concentrations of 2mg/kg and 3mg/kg. Low level metals concentrations are typical in washed sand which is utilised as blank material. In JKE's experience, the concentrations reported were consistent with background concentrations in a sand matrix and were not indicative of cross-contamination. On this basis, cross contamination between samples that may have significance for data validity did not occur.

Rinsates

With the exception of TRH F1 and copper, all results were below the PQL. This indicated that cross-contamination artefacts associated with sampling equipment were not present and the potential for cross-contamination to have occurred was low.

The detectable concentration of light fraction TRH is most likely attributed to trihalomthanes. These compounds are breakdown products from the chlorination process and are common in potable water at the concentration reported (the Australian drinking water guideline for total trihalomethanes is 250µg/L).

Low level metals concentrations are typical in potable water which is utilised as blank material. Considering the soil analysis results obtained during the investigation, there is considered to be a low potential for cross contamination to have occurred to an extent that may have significance for data validity.

Trip Spikes

The results ranged from 100% to 111% and indicated that field preservation methods were appropriate.

Soil Vapour Installations (Leak Tests)

The isopropyl alcohol shroud sample (carbon tube) reported a concentration of 1,200mg/m^3. The isopropyl alcohol result in the corresponding soil vapour sample SV2 was <0.012mg/m^3. The results were below the criterion of 10mg/m^3. The isopropyl alcohol result in the SV1 and SV3 samples were also well below the 10mg/m^3 threshold. This demonstrated the leak test was successful.

4. Laboratory QA/QC

The analytical methods implemented by the laboratory were performed in accordance with their NATA accreditation and were consistent with Schedule B(3) of NEPM (2013). The frequency of data reported for the laboratory QA/QC (i.e. duplicates, spikes, blanks, LCS) was considered to be acceptable for the purpose of this investigation. JKE note that due to the limited number of samples submitted for analysis, matrix spikes were not reported. This is not considered to have an impact on the data quality for this investigation. A review of the laboratory QA/QC data identified the following minor non-conformances:

Envirolab report 321484

- The PQL was raised due to interference from analytes (other than those being tested) in the soil vapour sample/s.

Overall, the laboratory quality control data was considered to be acceptable. The elevated duplicate/RPD results were considered to be consistent with the field duplicate findings (i.e. likely due to results close to

the PQL and minor sample heterogeneity). On this basis, the impacts to precision and accuracy are not significant.

C. DATA QUALITY SUMMARY

JKE is of the opinion that the data are adequately precise, accurate, representative, comparable and complete to serve as a basis for interpretation to achieve the investigation objectives.

Non-conformances were reported for some field QA/QC samples and laboratory QA/QC analysis. These non-conformances were considered to be sporadic and minor, and were not considered to be indicative of systematic sampling or analytical errors. On this basis, these non-conformances are not considered to materially impact the report findings.

There was only one soil vapour sampling event undertaken for the investigation. On this basis there is some uncertainty around the representativeness of the vapour data, particularly during different climatic conditions and after wet/dry periods. However, given the concentrations reported, the site history and the surrounding land uses, this is not considered to alter the conclusions of the investigation.

Appendix H: Guidelines and Reference Documents

Acid Sulfate Soils Management Advisory Committee (ASSMAC), (1998). Acid Sulfate Soils Manual

Canadian Council of Ministers of the Environment, (1999). Canadian soil quality guidelines for the protection of environmental and human health: Benzo(a)Pyrene (1997)

CRC Care, (2011). Technical Report No. 10 – Health screening levels for hydrocarbons in soil and groundwater Part 1: Technical development document

Contaminated Land Management Act 1997 (NSW)

Department of Land and Water Conservation, (1997). 1:25,000 Acid Sulfate Soil Risk Map Series

Managing Land Contamination, Planning Guidelines SEPP55 – Remediation of Land (1998)

NSW EPA, (2015). Guidelines on the Duty to Report Contamination under Section 60 of the CLM Act 1997

NSW EPA, (2017). Guidelines for the NSW Site Auditor Scheme, 3rd Edition

NSW EPA, (2020). Consultants Reporting on Contaminated Land, Contaminated Land Guidelines

NSW EPA, (2022). *Sampling design part 1 - application*, Contaminated Land Guidelines

National Environment Protection Council (NEPC), (2013). National Environmental Protection (Assessment of Site Contamination) Measure 1999 as amended (2013)

Olszowy, H., Torr, P., and Imray, P., (1995). Trace Element Concentrations in Soils from Rural and Urban Areas of Australia. Contaminated Sites Monograph Series No. 4. Department of Human Services and Health, Environment Protection Agency, and South Australian Health Commission

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