



**Douglas Partners**  
Geotechnics | Environment | Groundwater

Integrated Practical Solutions

Detailed Site Investigation

Proposed Multi-Storey Student Housing Development  
13-23 Gibbons Street, Redfern

Prepared for  
The Trust Company (Australia) Limited ATF WH  
Gibbons Trust

Project 86266.04  
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The undersigned, on behalf of Douglas Partners Pty Ltd, confirm that this document and all attached drawings, logs and test results have been checked and reviewed for errors, omissions and inaccuracies.

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## **Detailed Site Investigation**

### **Proposed Multi-Storey Student Housing Development**

### **13-23 Gibbons Street, Redfern**

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## **1. Introduction**

This report by Douglas Partners Pty Ltd (DP) presents the results of a detailed site investigation (DSI) for contamination undertaken for a proposed multi-storey student housing development at 13-23 Gibbons Street, Redfern. The site and boundaries are shown on drawings included in Appendix A. The investigation was commissioned by John De Fazio of The Trust Company (Australia) Limited ATF WH Gibbons Trust and was undertaken in accordance with DP's proposal SYD180784 dated 1 August 2018.

It is understood that the proposed future development of the site will include the construction of a new 18 storey building occupying majority of the land incorporating the existing single level basement. The purpose of the DSI is to support a development application to Council.

The objective of the DSI is to characterise the nature and extent of contamination at the site, assess the suitability of the site for the proposed land use and, if deemed necessary, make recommendations for further targeted investigations and/or remediation to render the site suitable for the proposed land use.

The investigation was conducted in conjunction with a geotechnical investigation that is reported under separate cover by DP (project ref: 86266.03.R.001.Rev0).

## **2. Scope of Work**

The scope of works for the DSI comprised the following:

- Review of soils and geological maps;
- Review a Lotsearch Environmental Risk and Planning Report, reference LS002288 dated 2 November 2017 (the Lotsearch Report) which included historical aerial photographs, EPA Notices and registered groundwater bore records, historical business directory records, published soil and geological mapping and other readily available databases;
- Review of historical title deeds;
- Review of SafeWork NSW records pertaining to dangerous goods;
- Collect soil samples for contamination testing from six boreholes (BH101 to BH106) at regular intervals and where signs of contamination are observed up to 1 m into natural material, top of rock or borehole termination (whichever is lesser);
- Screen each sample for volatile organic compounds (VOC) using a photo-ionisation detector (PID);

- Development of two groundwater wells;
- Collection of groundwater samples 3-5 days after development and measure field parameters whilst sampling;
- Test selected soil samples and groundwater samples for analysis of a combination of the following common contaminants at a NATA accredited laboratory:
  - o Metals (arsenic, cadmium, chromium, copper, lead, mercury, nickel and zinc);
  - o Total recoverable hydrocarbons (TRH);
  - o Benzene, toluene, ethylbenzene and xylenes (BTEX);
  - o Polycyclic aromatic hydrocarbons (PAHs);
  - o Phenols;
  - o Polychlorinated biphenyls (PCBs);
  - o Organochlorine pesticides (OCPs);
  - o Organophosphorus pesticides (OPPs);
  - o pH;
  - o Cation exchange capacity (CEC);
  - o VOC;
  - o Asbestos;
  - o Toxicity characteristics leachability procedure (TCLP) (soil, if required); and
  - o Hardness (groundwater only).
- Field sampling and laboratory analysis in compliance with standard environmental protocols, including a quality assurance and quality control (QA/QC) plan consisting of 10% replicate sampling, trip spikes, trip blanks, appropriate chain-of-custody procedures and in-house laboratory QA/QC testing; and
- Preparation of this DSI report detailing the methodology and results of the investigation with reference to EPA approved guidelines. A preliminary *in situ* waste classification on subsurface soils is also included.

The DSI was undertaken in accordance with project specific data quality objectives (DQO) as discussed in Appendix B.

### **3. Site Information**

#### **3.1 Site Identification**

The approximately square-shaped site has a client supplied surveyed area of 1,365 m<sup>2</sup> and slopes gently down in a south-east direction. A four and five storey residential building covers about two-thirds of the site and has frontages onto Gibbons Street and Margaret Street. Access into a single level basement car park is from Margaret Street and the basement encompasses about three-quarters of the site footprint.

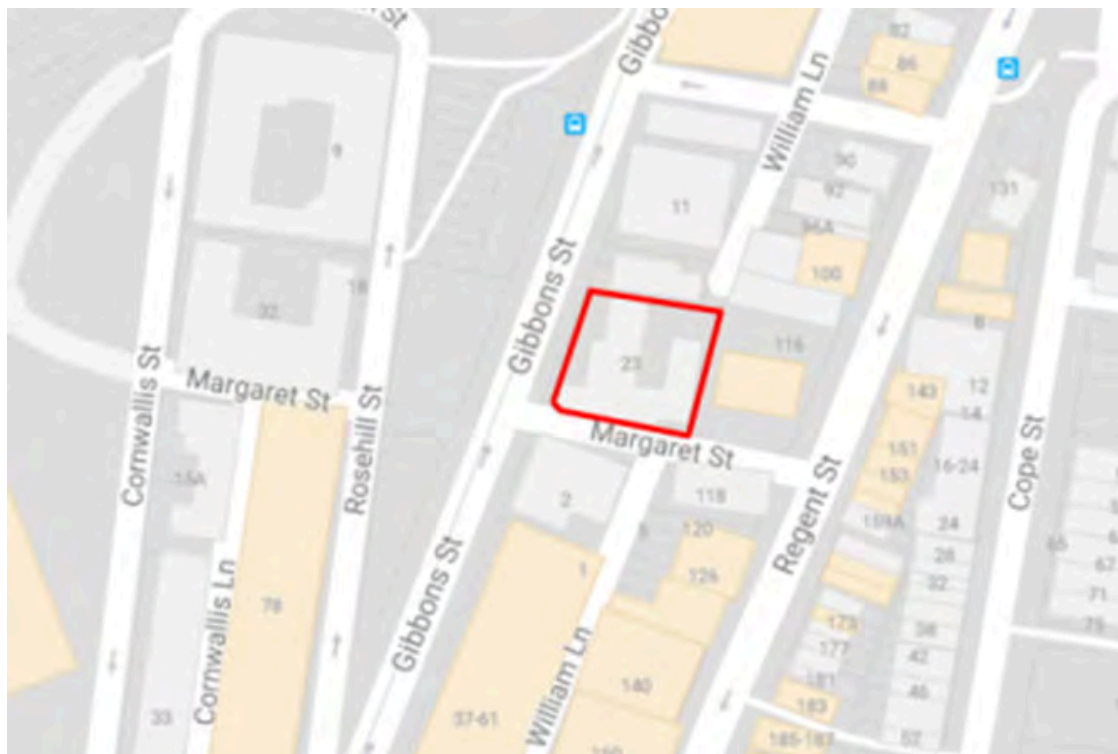
On the western side of Gibbons Street is an open grassed area with some trees, which slopes up to the west along most of its length towards Rosehill Street (batter slopes of less than about 20 degrees). This area is underlain by the Eastern Suburbs Railway Line / Illawarra Relief Rail Tunnels. An operational petrol station located adjacent to the site to the east. The site is bordered by adjacent developed lots north and west.

The site information is summarised in the table below.

**Table 1: Site Information**

Item	Description
Site Address	13 – 23 Gibbons Street, Redfern
Legal Description	SP60485
Surveyed Area	1365.5 m <sup>2</sup>
Zoning	MD – SEPP Major Development 2005
Current Land Use	Residential
Local Council Area	City of Sydney

Figure 1 below shows the approximate site location and site boundary.



**Figure 1: Approximate site location and boundary**

### 3.2 Proposed Development

It is understood that the development of the site will include the construction of a new 18 storey building, with the existing single level basement to be largely retained. However, excavation in the order of 1 m to 1.5 m is expected within the central portion of the site (set back approximately 3 m from the existing retaining walls). It is understood that the basement level will not be used for car parking purposes. Furthermore, the east most part of the site is proposed to be converted into a laneway to allow through access of William Lane (see Drawing 2, Appendix A).

### 3.3 Previous Investigations

DP has previously completed geotechnical investigations on the following nearby sites:

- 39-61 Gibbons Street in 1987 and 1993 (DP Ref. 10133 and 19660);
- 9 Gibbons Street in 1971 (DP Ref. 3090);
- 32 Rosehill Street in 1980 (DP Ref. 6810); and
- 44-78 Rosehill Street in 1988 (DP Ref. 11650).

These investigations typically encountered surficial filling over very loose to loose alluvial sands to about 4 m to 5 m depth, over stiff alluvial clay, with weathered shale at a depth of about 8 m.

DP has also previously completed a preliminary contamination investigation on the site (DP 2018) (ref: DP Project 86266.01 dated February 2018). This investigation included one borehole (BH1) drilled adjacent to the existing basement carpark entrance (see Drawing 1 in Appendix A) using a tight access drilling rig. Results from the investigation indicated that soils on site were preliminarily suitable for the proposed development and future site use. However, the potential for groundwater contamination was considered moderate and the presence of asbestos in filling a possibility that both required further investigation to determine if further action would be required. Analytical results from the investigation are included in Table C1, Appendix C.

### 3.4 Geology

Reference to the Sydney 1:100 000 Geological Series Sheet 9130 (Geological Survey of NSW) indicates that the site is located within Quaternary aged alluvium. The boundary with Triassic aged Ashfield Shale occurs to the west of the site. The mapped alluvial soils typically comprise medium to fine-grained sand, whilst the Ashfield Shale typically comprises black to dark grey shale and laminite.

The corresponding Sydney 1:100 000 Soils Landscape Series Sheet, prepared by the former NSW Department of Land and Water Conservation, indicates that the soils developed over the Quaternary alluvium belong to the Tuggerah soil landscape, described as deep (>2.0 m) podsoles on dunes and podsol/humus podsol intergrades on swales, with extreme wind erosion hazard, highly permeable soil, very low fertility, localised flooding and permanently high water tables.

The 1:25,000 Acid Sulphate Soil Risk map for Botany Bay indicates that the site does not lie within an area known for acid sulphate soils. The site also does not occur within an area known for soil salinity issues.

### 3.5 Topography and Hydrogeology

Topographic contours for the site indicate a decreasing elevation in a general south-easterly direction, with the site located within the RL 24 m and RL 26 m contours.

A search of the Department of Primary Industries Water registered groundwater bore database is included in the Lotsearch Report (pages 113-127) in Appendix D. There are 52 registered groundwater bores within 1 km of the site. The nearest bore is located 547 m south of the site and is registered as a private domestic bore with a standing water level of 4.0 m below ground level (bgl). Work summaries for the available bores and the locations are provided in the Lotsearch Report, Appendix D.

Based on local topography, observed during the site walkover as well as regional map information, groundwater is anticipated to flow to the south-east into the Georges Catchment area.

## 4. Site History

The site history investigation comprised a review of historical title deeds, historical aerial photographs, online (City of Sydney) development application records, NSW EPA regulatory notices and Lotsearch Report. The findings of this review are provided in the following sub-sections.

### 4.1 Historical Title Deeds

A historical title deeds search was used to obtain ownership and occupancy information including company names and the occupations of individuals. A summary of the title deeds and possible land uses (with reference to the aerial photographs) is presented in Table 2. A full copy of the Land Titles search is attached in Appendix E and the Lotsearch Report in Appendix D.

**Table 2: Historical Land Titles and Possible Land Use**

Date of Acquisition and term held	Registered Proprietor(s) & Occupations where available	Possible Land Use
Regarding Eastern part of lot, tinted blue on attached Cadastre in Appendix E		
02.12.1865 (1865 to 1938)	William Matthew Hutchinson Gibbons (Gentleman) & his deceased estate	Residential / Commercial
69.09.1935 (1935 to 1938)	John Hunter Stephenson (Solicitor now Chartered Accountant) The Union Trustee Company of Australia Limited (Trustees of the will of William Matthew Hutchinson Gibbons)	Residential / Commercial
05.04.1938 (1938 to 1951)	Gloria Massey-Mee (Married Woman)	
17.04.1951 (1951 to 1955)	Carl Paul Felske (Engineer) & his deceased estate	
20.12.1955 (1955 to 1990)	Pneumatic Tool and Engineering Co. Pty. Limited.	Industrial
14.11.1990 (1990 to 1997)	Joo Pum Kim Hyeong Joo Kim Dong Hun Choi Ce Cilia Choi	Commercial / Industrial
17.07.1997 (1997 to 1997)	Joseph Leon Berger Anette Berger Louis Wilfred Quijarro	Commercial / Industrial
17.07.1997 (1997 to 1997)	Prudent Security Investments Pty Ltd B & B Holdings Pty Limited	Commercial / Industrial
05.09.1997 (1997 to 1999)	Sherlock Homes Pty Limited	
Whole of land SP60485		
24.06.1999	Registration of Strata Plan No. 60485	Residential
	Search Continued as regards the Common Property areas	
24.06.1999 (1999 to Date)	# The Owners – Strata Plan No. 60485	

# Denotes Current Registered Proprietor

Easements:

18.02.1962 (J94569) – Easement for Drainage 6 feet wide – released K517971

25.01.1967 (K569123 & D.P. 522349) – Easement to Drain Water 6ft. wide

Leases:

10.02.1984 (T822486) – Jolly Good Foods Pty Limited – expired 28.10.1987 – (part tinted green on attached Cadastre)

14.08.1989 (Y530478) – Gourmet Goodies Pty Limited – expired or surrendered 09.02.1992 – (part tinted green on attached Cadastre)

Based on the historical title deeds and associated site history information sources, it appears that the site has been owned by private individuals and was possibly residential or commercial up until 1955, then with possibly commercial / industrial land uses up until 1999 when the land use changed to residential.

## 4.2 Historical Aerial Photographs

Historical aerial photographs were obtained by Lotsearch from databases held by the NSW Department of Finance, Services and Innovation for the years 1943, 1951, 1955, 1961, 1965, 1970, 1982, 1991, 2000, 2009 and 2014. Extracts of the aerial photographs are provided on Pages 88 to 98 of the Lotsearch Report, and a summary of features observed for the site and surrounding properties is presented in Table 3.

**Table 3: Aerial Photograph Review**

Year	Site Features	Surrounding Features
1943	The site appeared to consist of multiple buildings possibly commercial or industrial.	The surrounding land appeared to be occupied by a mix of industrial, commercial and residential buildings. Redfern Station and associated railway lines were located to the north-east.
1951	There appeared to be no significant changes to the site since the 1943 photograph.	Some buildings directly west and south of the site appear to have been demolished with some new construction work starting.  The remaining areas do not appear to have undergone significant change since 1943.
1955	There appeared to be no significant changes to the site since the 1951 photograph.	The surrounding areas did not appear to have undergone significant change since 1951.
1961	There appeared to be no significant changes to the site since the 1955 photograph.	The surrounding area did not appear to have undergone significant change since 1955.
1965	The buildings on site had been demolished leaving it vacant / cleared.	The surrounding area did not appear to have undergone significant change since 1961. Land to the west of the site appeared to have new construction work.
1970	A building appeared to have been built occupying the eastern half of the site with the remainder used as a car park.	The surrounding area did not appear to have undergone significant change since 1965. However, the land to the west of the site appears to be undergoing construction.
1982	A building appeared to have been built occupying the western half of the site with the building to the east remaining unchanged.	Gibbons Street on the western boundary of the site had been realigned (straightened). Structures on the land to the west of the site (across Gibbons Street) had been demolished and were covered by grass with the occasional tree / shrub.  Other surrounding areas appeared to have been redeveloped with larger buildings no occupying various sites.
1991	There appeared to be no significant changes to the site since the 1982 photograph.	Two high-rise buildings had been constructed to the north of the site. Upgrades to Redfern Station appeared to have been completed. Other surrounding areas appeared to have been redeveloped.



Year	Site Features	Surrounding Features
2000	Buildings on site appeared to have been demolished and replaced with the current development layout i.e. residential with courtyard / open area.	The building to the east of the site had been demolished. A large development had also been constructed to the south of the site of formerly vacant / cleared land.
2009	There appeared to be no significant changes to the site since the 2000 photograph.	Construction of the petrol station on the vacant lot east of the site had been completed and was consistent with that sites current layout.
2014	There appeared to be no significant changes to the site since the 2009 photograph.	Some of the buildings to the north of the site appeared to have been replaced with high rise buildings.

Historical aerial photographs appear to confirm information provided in the historical titles and historical business records denoting the site as a commercial / industrial site until at least 1991, following which the residential strata complex consistent with the current site layout was constructed prior to 2000. The petrol station beyond the eastern boundary appeared to have been constructed between 2000 and 2009 and it is not known whether that site was a petrol station prior to that time.

#### 4.3 Council Records

DP also conducted an online search of development applications for the Gibbons Street available electronically through City of Sydney on 10 February 2018. There were no applications relating to the site listed. The search only revealed DA applications on three other sites on Gibbons Street for minor fit outs, erection of signage, installation of scrolling advertisements, minor modifications and extensions to existing buildings.

#### 4.4 NSW EPA Records

The EPA publishes records of contaminated sites under section 58 of the *Contaminated Land Management Act* 1997 (CLM Act) on a public database accessed via the internet. The notices relate to investigation and/or remediation of sites considered to be significantly contaminated under the definition in the CLM Act. More specifically the notices cover the following:

- Actions taken by the EPA under sections 15, 17, 19, 21, 23, 26 or 28 of the CLM Act;
- Actions taken by the EPA under sections 35 or 36 of the Environmentally Hazardous Chemicals Act 1985; and
- Site audit statements provided to the EPA under section 52 of the CLM Act on sites subject to an in-force remediation order.

A search of the public database undertaken in the Lotsearch report indicated that the site was not listed. It is noted that there is a service (petrol) station listed that was located on Regent Street (pages 6 and 7 of the Lotsearch report) that is adjacent to the site.



The BP petrol station in question is on the current EPA list however, regulation under the CLM Act is not required. In addition, there is a number of current listed contamination sites located within the 1 km buffer. With the exceptions of Formerly Gas n Go, which is now a residential apartment that is currently regulated under the CLM Act and Frasers Development, that is under assessment, regulation is not required for the other four listed sites.

It should be noted that the EPA record of Notices for contaminated land does not provide a record of all contaminated land in NSW.

It should be noted that a site with EPA site management class “regulation under the CLM Act not required” indicates the EPA has completed an assessment of the contamination and decided that regulation under the CLM Act 1997 is not required.

The NSW EPA also issues environmental protection licenses under section 308 of the *Protection of the Environment Operations Act 1997* (POEO Act). The register contains:

- Environmental protection licenses;
- Applications for new licenses and to transfer or vary existing licenses;
- Environment protection and noise control licenses;
- Convictions in prosecutions under the POEO Act;
- The result of civil proceedings;
- License review information;
- Exemptions from provisions of the POEO Act or Regulations;
- Approvals granted under Clause 9 of the POEO (Control of Burning) Regulation; and
- Approvals granted under Clause 7a of the POEO (Clean Air) Regulation.

A search of the public register undertaken in the Lotsearch report indicated that there are no current Environment Protection Licences issued to the site (refer to Page 12 and 13 of the Lotsearch report). There were no licences within the search buffer (1 km of the site) with the exception of the rail corridor to the predominately west of the site which is licensed under “railway systems activities” and a power plant 887 m north of the site which is licensed under “Generation of electrical power from gas”.

There were a number of delicensed activities still regulated by the EPA, including the hazardous or Group A Waste Generation Storage in the west and north-west, as well as concrete works to the south with details in the attached Lotsearch Report pages 14 and 15.

There were also a number of surrendered or relicensed activities including hazardous waste storage or generation at the Sydney South West Area Health Service site 313 m East, the Johnson & Johnson Research Pty Ltd 325 m South West and the Carlton & United Breweries (NSW) Pty Ltd 799 m North of the site. A land-based extractive activity at the University of Sydney campus 689 m West by John Holland Pty Ltd and brewing and distilling activity at the Carlton & United Breweries (NSW) Pty Ltd, 799 m North.

The EPA activities search results are presented on pages 14-15 of the Lotsearch Report, Appendix D.

#### 4.5 SafeWork NSW Records Search

A search of the database held by SafeWork NSW was conducted on the 6 November 2017. The search did not locate any records pertaining to the storage of dangerous goods at the site. A copy of the response from SafeWork NSW is included in Appendix F.

#### 4.6 Lotsearch Report

The Lotsearch Report includes a number of database searches, additional to the aerial photographs, regulatory notices and groundwater bore searches that are described in previous sections of this report. The pertinent information with regard to potential contamination from the Lotsearch Report is summarised below:

- The site is situated within a underground petroleum storage system sensitive zone (Lotsearch Report page 16);
- The Atlas of Australian Acid Sulfate Soils categorises the as a Class C Acid Sulphate Soils, described as having extremely low probability of occurrence. It has a 1 – 5% chance of occurrence with occurrences in small localised areas (Lotsearch Report Page 138);
- There is a petrol station located on the eastern boundary of the site. There were no dry cleaners or motor garages listed in the historic business directories at the site, however there were several drycleaners and motor garages identified in the history business directories ranging from 16 m – 997 m from the site. These are listed on pages 79 – 87 of the Lotsearch report. The historical business directory in the Lotsearch Report also refers to a BP petrol station operating at 118 Regent Street, 16 m from the site, in 1970 through 1986 (1986 UBD Business to Business Directory Records). The closest identified other than the petrol station, was a dry cleaner located 44 m to the south of the site.
- A fire station was located 262 m east of the site, a railway station and interchange is located 205 m to the north of the site, a medical centre 372 m east of the site and multiple park and sporting fields;
- Several major easements were identified surrounding the site with the closest located 524 m East of the site, page 110 of the Lotsearch report; and
- No tanks or tank points were identified in the Lotsearch report, however both above ground and underground storage tanks were observed at the petrol station adjacent to the eastern boundary of the site.

The Lotsearch Report did not identify any significant potential sources of contamination at the site, although the surrounding petrol station is a potential source of contamination. The full Lotsearch Report is included in Appendix D.

### 5. Site Walkover

A site walkover was undertaken on 26 September 2018 by an Environmental Engineer from DP. The following features were noted, with photographs included in Appendix A:

- The site is currently used as a four and five-level residential apartment complex with a courtyard and basement level carpark with good conditioned concrete flooring (see photograph 1);
- A paved path was observed around the accessible Gibbons Street and Margaret Street, both with some minor cracking and staining and stormwater drainage of varying age and condition (see photograph 3);
- The buildings were observed to be moderately ventilated, with pipes and ventilation on all faces of the building and from the basement level (photographs 4 and 5);
- Small gardens with trees and covered with gravel, bark or fertiliser were observed on the outer perimeter of the site, bounded by Margaret Street, Gibbons Street and the petrol station on the west (see photograph 6 - 8). Pest control was also observed surrounding the perimeter of the building (see photograph 9) along with the use of fertiliser (photograph 8); and
- The site slants downwards towards the south eastern corner, and appears to be the natural relief of the land.

The observed surrounding land-use included the following:

- North: Council operated depot;
- South: Medium density residential housing and a church;
- East: BP petrol station and commercial stores; and
- West: Road corridor, grassed parkland.

The adjacent petrol station was located east of site. Above-ground liquid petroleum storages were located on the boundary of the site and evidence of underground storage tanks and existing groundwater monitoring wells was also noted (see photograph 10 to 12).

The Council depot located to the north of the site was in operation at the time of the walkover, with a number of heavy vehicles on site (see photograph 13 and 14).

The church building was observed to have ventilation pipes, pavements in poor to moderate condition, with slight staining of the building and open drainage (see photograph 15 and 16).

The grass area on the west of the site was observed to be well maintained and vegetation appeared to be healthy (see photograph 17).

There were no signs of gross contamination or potential sources of significant contamination observed during the site walkover at the site, although there were potential sources of contamination (e.g. petrol station) observed surrounding the site.

## 6. Preliminary Conceptual Site Model

A conceptual site model (CSM) is a representation of site-related information regarding contamination sources, receptors and exposure pathways between those sources and receptors. The CSM provides the framework for identifying how the site became contaminated and how potential receptors may be

exposed to contamination either in the present or the future i.e. it enables an assessment of the potential source – pathway – receptor linkages (complete pathways).

Based on the current investigation, the following potential sources of contamination and associated contaminants of potential concern (COPC) have been identified:

- S1 – Filling: Associated with levelling, and site formation in addition to historical site activities (Pneumatic Tool and Engineering Co. circa 1955 to 1990):
  - o COPC include metals, TRH, BTEX, PAH, PCB, OCP, OPP, phenols and asbestos.
- S2 – Adjacent land uses: the petrol station and the Council depot:
  - o COPC includes metals, TRH, BTEX, PAH and VOC.

The following potential receptors have been identified:

Human Health Receptors:

- R1 – Construction and maintenance workers;
- R2 – Site users (current and end users); and
- R3 – Adjacent users (residential and commercial).

Environmental Receptors:

- R4 – Groundwater and surface water bodies where groundwater discharges to.

The following potential pathways have been identified:

- P1 – Ingestion and dermal contact;
- P2 – Inhalation of dust and/or vapours;
- P3 – Leaching of contaminants and vertical migration to groundwater; and
- P4 – Lateral migration of groundwater which eventually discharges to surface water bodies.

Given that the proposed development involves the construction of a basement over the entire footprint of the site, local terrestrial ecology has not been considered by the CSM.

A 'source–pathway–receptor' approach has been used to assess the potential risks of harm being caused to human or environmental receptors from contamination sources on or in the vicinity of the site, via exposure pathways (complete pathways). The possible pathways between the above sources (S1 to S2) and receptors (R1 to R4) are provided in Table 4 below.

**Table 4: Preliminary Conceptual Site Model**

Source	Transport Pathway	Receptor	Risk Management Action Recommended
S1 – Filling: Associated with levelling, and site formation in addition to historical site activities (e.g. Pneumatic Tool and Engineering Co. circa 1955 to 1990). S2 – Adjacent land uses: the petrol station and the Council depot.	P1 – Ingestion and dermal contact; P2 – Inhalation of dust and/or vapours. P3 – Leaching of contaminants and vertical migration to groundwater. P4 – Lateral migration of groundwater which eventually discharges to surface water bodies.	R1 – Construction and maintenance workers. R2 – Site users (current and end users). R3 – Adjacent users (residential and commercial). R4 – Groundwater and surface water bodies where groundwater discharges to.	Intrusive investigation targeting soil and groundwater testing for the COPC associated with S1 and S2.

## 7. Soil and Groundwater Sampling Methodology and Rationale

### 7.1 Data Quality Objectives and Project Quality Procedures

The investigation has been devised broadly in accordance with the seven step data quality objective (DQO) process which is provided in NEPC (2013) National Environment Protection (Assessment of Site Contamination) Measure (as amended 2013). The DQO process is outlined as follows:

- Stating the Problem;
- Identifying the Decision;
- Identifying Inputs to the Decision;
- Defining the Boundary of the Assessment;
- Developing a Decision Rule;
- Specifying Acceptable Limits on Decision Errors; and
- Optimising the Design for Obtaining Data.

An evaluation of the DQO is presented in Appendix B.

### 7.2 Data Quality Indicators

The performance of the investigation in achieving the DQO was assessed through the application of Data Quality Indicators (DQI), defined as follows:

**Precision:** A quantitative measure of the variability (or reproducibility) of data;

**Accuracy:** A quantitative measure of the closeness of reported data to the “true” value;

<b>Representativeness:</b>	The confidence (expressed qualitatively) that data are representative of each media present on the site;
<b>Completeness:</b>	A measure of the amount of useable data from a data collection activity; and
<b>Comparability:</b>	The confidence (expressed qualitatively) that data can be considered equivalent for each sampling and analytical event.

An evaluation of the DQI is presented in Appendix B.

## 7.3 Soil

### 7.3.1 Sample Locations and Rationale

Table A of NSW EPA (1995) *Sampling Design Guidelines* recommends a minimum of 7 sampling points for a site of 0.2 ha for site characterisation based on the detection of circular hot spots using a systemic grid sampling pattern. As this investigation was being undertaken concurrently with a geotechnical investigation by DP, it was determined that the geotechnical boreholes would be utilised for environmental sampling to obtain soil contamination information. A total of six boreholes (BH101 – BH106) (see Drawing 1 in Appendix A) were positioned across accessible areas of the site.

In addition, soil analytical results from a previously drilled borehole (BH1) (DP, 2018) (see Drawing 1, Appendix A) are included as part of this investigation to make up the seventh sampling point.

### 7.3.2 Sampling Methodology

Soil samples were collected at regular depth intervals. Observations were made and recorded on the borehole logs for staining, odours and anthropogenics.

All sampling data was recorded on DP's borehole logs, provided in Appendix G. The general sampling procedure adopted for the collection of soil samples for chemical analysis was:

- Collect soil samples from auger returns using disposable sampling equipment;
- Transfer samples into laboratory-prepared glass jars, completely filled to ensure the headspace within the sample jar is minimised, and capping immediately to minimise loss of volatiles;
- Label sample containers with individual and unique identification, including project number, sample location and sample depth; and
- Place the glass jars, with Teflon lined lid, into a cooled, insulated and sealed container for transport to the laboratory.

Replicate samples were collected in zip-lock bags for PID screening.

Borehole locations and levels were determined using a laser level and provided survey plans.

### 7.3.3 Analytical Rationale

A total of six soil samples that were selected for analysis were from filling and three from the natural, given that field observations suggested that contamination is more likely to be associated with the filling than natural soil. At least one soil sample from each bore was selected for analysis, with more samples selected where fill was deepest.

Samples were analysed for the primary COPC including metals, TRH, BTEX, PAH, and asbestos, with a smaller number also analysed for OCP, OPP, PCB phenols, pH and CEC.

## 7.4 Groundwater

### 7.4.1 Sample Locations and Rationale

The groundwater monitoring well network at the site involved an up-gradient well (BH102), a well adjacent to the petrol station boundary (BH101) and a third well furthest from the petrol station (BH103). The rationale behind the well placement was to evaluate the quality of groundwater entering the site (i.e. up-gradient), as well as determining if any contamination was entering the site from the service station to the east and if present, the extent of the contamination.

Following the completion of the initial field work, the wells were developed by removing a minimum of three times the estimated bore volume of water (or pumping until dry) and measuring the standing groundwater levels upon recovery.

### 7.4.2 Sampling Methodology

The collection of groundwater samples from each of the three monitoring wells was carried out in accordance with the methodology as set out in the DP *Field Procedures Manual*. Groundwater sampling was undertaken on 26 September 2018 by a DP Environmental Engineer using a low flow peristaltic pump. Samples were taken from near the middle of the screened section, being close to the middle of the water column. The sampling programme included 10% field replicates for QA/QC purposes.

The samples were collected after stable readings were obtained for physical parameters pH, conductivity, temperature and dissolved oxygen. Samples were carefully pumped into laboratory prepared sample containers including hydrochloric acid preserved VOC vials. The groundwater samples collected for heavy metal testing were filtered in the field using a 45µm in-line filter. Completed field sheets are attached to this report in Appendix H.

Sample containers were labelled and stored in the field and transported in an esky cooled with ice and later stored in a fridge at the office or laboratory. The samples were delivered to a NATA accredited laboratory, EnviroLab Services (ELS), together with chain-of-custody records.



### 7.4.3 Analytical Rationale

All groundwater samples were analysed for the COPC including dissolved metals, TRH, BTEX, low level PAH, trace level OCP, trace level OPP, and trace level PCB, phenols and VOC.

## 8. Site Assessment Criteria

The analytical results for both soil and groundwater from the laboratory testing have been assessed (as a Tier 1 assessment) against the health investigation levels (HIL) and health screening levels (HSL) (sand, 0-1 m, based on site observations) in Schedule B1 of NEPC (2013). This guideline has been endorsed by the NSW EPA under the CLM Act. Schedule B1 provides investigation and screening levels for commonly encountered contaminants which are applicable to generic land uses and include consideration of, where relevant, the soil type and the depth of contamination.

The investigation and screening levels are not intended to be used as clean up levels. They establish concentrations above which further appropriate investigation (e.g. Tier 2 assessment) should be undertaken. They are intentionally conservative and are based on a reasonable worst-case scenario for four generic land use scenarios. The petroleum hydrocarbon 'management limits' have also been adopted as SAC.

Selected criteria were based on the proposed high density residential development with minimal soil access (residential B) land use. It is understood that development may also include some commercial space and that residents may not be permanent per se. However, data has been conservatively evaluated against Tier 1 residential B criteria in the first instance.

NEPC (2013) also includes Tier 1 ecological investigation levels (EIL) and ecological screening level (ESL) for protection of terrestrial ecology in the upper 2.0 m of soils. Given that the site is within a highly urbanised area and is predominantly sealed (including the basement), the EIL and ESL are not considered to be relevant to this site. Whilst some narrow, vegetated areas are present at the site perimeter, the vegetation upon inspection looks relatively healthy and some of this is proposed to be retained under the proposed development. There will not be any new landscaped areas of significance.

The site-specific SAC are included in Appendix C.

The adopted groundwater investigation level (GIL) are based on:

- NEPC (2013); and
- ANZG (2018) Australian and New Zealand Guidelines for Fresh and Marine Water Quality.

### Health Screening Levels (HSLs)

For the assessment of petroleum hydrocarbon contamination, the HSLs presented in NEPC (2013) are applicable for assessing vapour intrusion risks from contaminated groundwater. The HSLs are based on five specific land uses/receptors; three soil types and three depth ranges for groundwater summarised as follows:

- HSL-A-B, HSL-C, HSL-D:



- o Groundwater depth 2 m to <4 m; 4 m to <8 m; 8 m +.
- Soil type:
  - o Sand (sand, sandy clay, sandy clay loam, sandy loam, loamy sand, loam, sandy silt and silty sand);
  - o Silt (silt, silty clay and silty clay loam); and
  - o Clay (clay, clay loam and silt loam).

### **Drinking Water Quality Guidelines**

For the assessment of drinking water, the NEPC (2013) refer to the use of the NHMRC (2018) Australian Drinking Water Guidelines 6 2011 (v3.5 updated August 2018). These guidelines have been developed for health and aesthetic quality levels for supplying good quality drinking water. Given that no groundwater abstraction for drinking water is known to occur at or near the site, the drinking water guidelines are not considered to be relevant and have not been considered further.

### **Protection of Aquatic Ecosystems**

ANZG (2018) provides 'default guideline values' (DGV) for chemicals within the water, which represent the best current estimates of the concentration of chemicals that should have no significant adverse effects on the aquatic ecosystem. ANZG (2018) indicates that an exceedance of a trigger value does not necessarily imply that there is an inherent risk, rather that further assessment and monitoring may be required prior to implementing appropriate management actions.

The following have been adopted as the GIL:

- Human health:
  - o NEPC (2013):
    - Vapour intrusion: HSL-A&B, 2m to <4m, sand.
- Protection of aquatic ecosystems:
  - o ANZG (2018): and
    - Freshwater ecosystems (95% level of protection DGV).

The following rationale was applied in the selection of the GIL:

- HSL-A&B was adopted for human health as they are most applicable to the site as an initial conservative screen although this could be considered further in the context of the proposed basement design (i.e. is the basement for car parking only);
- Sand was selected as the soil type and depth to groundwater as 2 m to <4 m based on field observations;
- Freshwater GILs were selected as DP considers that groundwater at the site is likely to initially discharge to a freshwater creek / canal / drain prior to discharging to the marine environment of Alexandra Canal; and
- It is considered that groundwater beneath or near the site is unlikely to be extracted and used for potable use / drinking water.

The adopted GIL are shown in the summary of soil results, Table C2, Appendix C.

## 9. Results

### 9.1 Sub-Surface Conditions

The boreholes logs for this assessment are included in Appendix G and recorded the following general sub-surface profile:

<b>Filling:</b>	encountered at all locations, to depths of between 0.3 m and 1.3 m. The filling comprises clayey sand and sand with inclusions of sandstone gravel, brick fragments (BH101 and BH106) and tile fragments (BH103); over
<b>Sand:</b>	pale brown and orange-brown, medium grained sand to depths of between 0.9 m and 1.7 m; over
<b>Sandy clay/ clayey sand:</b>	typically medium dense, orange-brown and red-brown, sandy clays and clayey sands to depths of 2.5 m to 3.5 m; over
<b>Clay:</b>	red-brown mottled grey, clay, becoming shaly from depths of 3.6 m to 5.2 m; over
<b>Laminite: (Ashfield Shale)</b>	laminite bedrock at depths of between 5.5 m to 8.4 m. The rock profile generally includes a deeply weathered profile of extremely low to low strength, fragmented to fractured laminite around 3 – 5 m thick. Medium to high or stronger, fresh and slightly fractured to unbroken laminite was encountered at a depth of 12 m (RL 10 m AHD in BH101 and 8.25 m (RL 13.75 m AHD) in BH103.

### 9.2 Contamination Observations

Observations of potential contamination (anthropogenic inclusions) within the boreholes included brick fragments, concrete fragments and tile fragments variably within boreholes BH101 and BH106. We point out that the presence of this type of building / demolition rubble can be indicative of the presence of asbestos. There was no other apparent evidence of visual or olfactory impacts (e.g. staining, free phase product) to suggest the presence of contamination within the fill soils or groundwater observed in the investigation.

### 9.3 Groundwater Levels and Field Parameters

Groundwater levels were measured prior to development, prior to sampling from the groundwater wells and following a heavy rainfall event. The measured levels are summarised in Table 5. The groundwater flow direction is generally even across the site, with the location of BH103 being hydraulically down-gradient of BH101 and BH102 and likely the service station adjacent to the eastern boundary.

**Table 5: Groundwater Levels**

Monitoring Well	Surface Level (m AHD)	Date					
		21/09/2018 (well development) <sup>1,2,3</sup>		26/09/2018 (groundwater sampling)		26/09/2018 (groundwater level check)	
		m bgl	m AHD	m bgl	m AHD	m bgl	m AHD
BH101	~ 21.9	4.66	17.24	4.62	17.28	N/A	N/A
BH102	~ 21.9	N/A (dry)	-	4.70	17.20	3.28	18.62
BH103	~ 21.9	4.90	17.0	4.91	16.99	4.69	17.21

Notes: 1. BH101 measured 2 hours after development;  
 2. BH102 well dry on completion of field work;  
 3. BH103 measured 5 hours after development.

The water level appeared to have recovered to the equilibrium level or close to the equilibrium level after development in each of the wells.

Groundwater samples were noted to be clear (non-turbid). Samples were taken after stable readings were obtained for pH, conductivity, temperature and dissolved oxygen as presented in Table 6 and field sheets are included in Appendix G. It is noted that the samples for BH102 were taken prior to micro-purging and the stabilisation of field parameters due to the low expected water volume. It is noted that BH102 ran dry prior to the stabilisation of parameters.

**Table 6: Groundwater Readings Prior to Sampling**

Monitoring Well	Dissolved Oxygen (ppm)	Conductivity (µS/cm)	pH	Redox (mV)	Temperature (°C)	Turbidity (NTU)
BH101	0.88	1206	5.65	93	19.8	23.9
BH102*	5.55	842	5.80	112	19.1	28.4
BH103	2.57	510	5.45	191	19.5	103.5

Notes: \* BH102 parameters taken after sampling due to the low expected volume of water in the well. It is noted that parameters were not stabilised prior to the well running dry

The dissolved oxygen ranged between 0.88 ppm to 5.55 ppm indicating aerobic water. Conductivity ranged between 510 µS/cm to 1206 µS/cm indicating fresh to marginal water. The pH was slightly acidic and redox indicated mildly oxidising conditions.

## 9.4 Analytical Laboratory Results

The results of laboratory analysis are summarised and compared to the SACs adopted are provided in the following tables in Appendix C:

- Table C1: Summary of Results of Soil Analysis; and
- Table C2: Summary of Results of Water Analysis.

The soil and groundwater laboratory certificates together with the chain of custody and sample receipt information are provided in Appendix I. The QA/QC results for both soil and groundwater are discussed in Appendix B.

## **10. Discussion of Results**

### **10.1 Site History**

Based on site history, it appears that the site has been used as a residential with possible commercial activities from as early as 1865 with a change in land use to commercial / industrial site from 1955 up until at least 1991, following which the residential strata complex consistent with the current site layout was constructed prior to 2000. The neighbouring area has been occupied by a mix of commercial / industrial and residential site uses since at least 1943. The petrol station beyond the eastern boundary appeared to have been constructed in the 2000s and regulation under the CLMA is not currently required by the NSW EPA, although there remains a moderate risk of contamination from the neighbouring site.

The potential sources of historical contamination identified are from the historical demolition of buildings on site, uncontrolled imported fill for development purposes and adjacent commercial / industrial site uses.

### **10.2 Soil Results**

Thirteen soil samples collected from seven test locations across the site were tested for a range of common contaminants. For the 13 soil samples tested, all reported concentrations of contaminants were below the adopted SAC. Detectable concentrations of metals and PAHs were recorded in some soil samples with the remaining analytes having concentrations below the laboratory practical quantitation limit (PQL).

### **10.3 Preliminary Waste Classification**

#### **10.3.1 Filling**

NSW EPA (2014) contains a six step procedure for determining the type of waste and the waste classification. Part of the procedure, for materials not classified as special waste or pre-classified waste, is a comparison of analytical data initially against contaminant threshold (CT) values specific to a waste category. Alternatively, the data can be assessed against specific contaminant concentration (SCC) thresholds when used in conjunction with toxicity characteristic leaching procedure (TCLP) thresholds.

The CT, SCC, and TCLP values relevant to this waste classification are shown in the Table C3 (Appendix C).

The following Table 7 presents the results of the six step procedure outlined in EPA (2014) for determining the type of waste and the waste classification. This process applies to the fill at the site.

**Table 7: Six Step Classification**

Step	Comments	Rationale
1. Is it special waste?	No	No asbestos-containing materials (ACM), or coal tar, clinical or related waste, or waste tyres were observed in the test pits or boreholes; Asbestos was not detected by the analytical laboratory;
2. Is it liquid waste?	No	Materials composed of a soil matrix
3. Is the waste “pre-classified”?	No	Filling and natural material did not fall into one of the pre-classified categories
4. Does the Waste have hazardous waste characteristics	No	Waste not observed to/ or considered at risk to contain explosives, gases, flammable solids, oxidising agents, organic peroxides, toxic substances or corrosive substances, substances liable to spontaneous combustion
5. Chemical Assessment	Conducted	Refer to Table C1 in Appendix C
6. Is the Waste Putrescible?	No	All observed components of filling composed of materials pre-classified as non-putrescible (i.e. soil)

As shown in Table C1 (Appendix C) all contaminant concentrations for the analysed fill samples were within the contaminant thresholds (CT1s) for general solid waste (GSW) with the exception of lead in two samples (BH101 depth 0.16-0.3 and BH104 depth 0.4-0.5 with concentration of 130 mg/kg and 150 mg/kg respectively). Additional TCLP extract and analysis for lead was conducted and were within the contaminant thresholds SCC1 and TCLP1 for GSW.

It is noted that in the previous investigation, lead in filling at BH1 depth 3.5 m was detected at a concentration of 940 mg/kg that exceeds the restricted solid waste (RSW) contaminant threshold (CT2) and benzo(a)pyrene in filling at BH1 depth 3.5 m was detected at a concentration of 0.87 mg/kg that exceeds the GSW contaminant threshold (CT1).

Therefore, the filling is preliminary classified *in situ* as general solid waste (non-putrescible) with the exception of the filling at BH1 that is preliminarily classified *in situ* as hazardous waste. It is noted that based on the lead TCLP results conducted on soil samples from the current investigation and the low detections on benzo(a)pyrene in the other samples, it is possible that further *in situ* or *ex situ* testing of the material at BH1 including TCLP analysis, may allow for the filling to be re-classified to waste of a lower category.

### 10.3.2 Natural

The POEO Act defines (VENM) as:

*‘natural material (such as clay, gravel, sand, soil or rock fines):*

(a) that has been excavated or quarried from areas that are not contaminated with manufactured chemicals, or with process residues, as a result of industrial, commercial, mining or agricultural activities and

(b) that does not contain any sulfidic ores or soils or any other waste.

The following publications with background concentration ranges for Australian soils have been referenced in assessing the concentrations of analytes:

- *National Environmental Protection (Assessment of Site Contamination) Measure* (1999) Schedule B(1) Guidelines on the Investigation Levels for Soil and Groundwater, (NEPC 1999) [typical background ranges as sourced from Berkman (1989)];
- *Australian and New Zealand Guidelines for the Assessment and Management of Contaminated Sites* (1992), Environmental Soil Quality Guidelines Column A Background (ANZECC A) (ANZECC 1992); and
- *Australian and New Zealand Guidelines for Fresh and Marine Water Quality* (2000), Volume 3, Table 9.2.16 Datasets used to derive suggested upper background values for uncontaminated Australian soils (ANZECC 2000).

The following Table 8 presents the results of the assessment of natural soils and rock underlying fill at the site with reference to the VENM definition and EPA advice outlined above.

**Table 8: VENM Classification Procedure**

Item	Comments	Rationale
1. Is the material natural?	Yes	Soils are of natural origin (with reference to the borehole logs)
2. Are there current or previous land uses that have (or may have) contaminated the materials?	Yes	Potential contamination from previous land use (Refer to Section 4).
3. Are manufactured chemicals or process residues present?	Testing undertaken	Testing was undertaken to assess for the presence of chemicals.
4. Are sulfidic ores or soils present?	No	Site located in an area of no known occurrence of acid sulfate soils (see Section 3).
5. Are naturally occurring asbestos soils present?	No	Based on the geology, naturally occurring asbestos is not considered to be an issue of concern for the subject materials.
6. Is there any other waste present?	No	Apart from filling in the soil strata above containing some anthropogenic materials, there were no other wastes observed to be present.

As shown in Table C1, Appendix C, all analytical results for the analysed natural samples were within the background ranges. Based on the available contamination testing results, natural materials are

preliminarily classified as VENM, although further assessment by visual and analytical means is required for a final waste classification.

## 10.4 Groundwater Results

For the analysed groundwater samples, all reported concentrations were within the adopted SAC with the exception of copper and zinc. The concentration of copper in BH101 and BH102 was 2 µg/L and 7 µg/L respectively, which exceeds the SAC of 1.4 µg/L. Similarly, the concentration of zinc in BH102 and BH103 was 140 µg/L and 27 µg/L respectively, exceeding the SAC of 20.7 µg/L.

The concentrations of copper and zinc are, however, not considered unusual and are likely to represent diffuse urban-sourced background contaminant levels typical of groundwater in the Sydney metropolitan area and/or a reflection of the natural mineralogy of the aquifer matrix (soil / rock).

Concentrations of TRH and VOC (including BTEX) (i.e. petroleum hydrocarbon related analytes) were all below the laboratory PQL.

## 11. Conclusions and Recommendations

The DSI comprised a review of site history, a site walkover and an intrusive soil and groundwater investigation to provide data on the contamination status (or potential) of the site which is proposed for redevelopment.

Contaminant concentrations in all the soil samples tested were below the adopted Tier 1 SAC.

The filling has been preliminarily classified *in situ* as GSW (non-putrescible) (CT1, SCC1, TCLP1) with the exception of the filling at BH1 that has been preliminary classified *in situ* as hazardous solid waste (non-putrescible) in the absence of TCLP testing at this location. *Ex situ* assessment of soils should be conducted prior to off-site disposal, should off-site disposal of soils be required, in order to provide a final waste classification.

Based on the available contamination testing results for natural soil, the natural soils are preliminarily classified as VENM, although further assessment by visual and analytical means is required for final waste classification and should be conducted by an environmental consultant only if off-site disposal be required. The current preliminary classification is on the basis that filling materials above are adequately removed and segregated from natural materials.

All groundwater results were below the SAC or within expected background conditions and further investigation is not considered required. The concentrations of potential contaminants in groundwater should be considered in determining treatment requirements for disposal of groundwater (e.g. if dewatering is required).

The absence of detectable TRH and BTEX in soil samples tested indicates that significant impacts from the adjacent petrol station to soil in the vicinity of the test locations at the depths sampled and tested are unlikely to have occurred. Moreover, the absence of detectable TRH and VOC (including



BTEX) in groundwater also suggests that significant leakage from the USTs on the adjacent petrol station, that could adversely impact groundwater beneath the site, is unlikely to have occurred.

Although asbestos was not observed during the investigation, it is not uncommon to find hazardous building materials (such as asbestos) in soils due to past demolition and disposal practices associated with older structures and works (i.e. pre-1990). Therefore, DP recommends the incorporation of an unexpected finds protocol (UFP) in the works management plan, so a strategy for asbestos management (or other unexpected finds) is established prior to commencement of works.

Overall, based on the results of the current investigation, it is considered that the site is suitable (from a contamination standpoint) for continued residential land use including the proposed multi-storey residential development or a less sensitive land use such as commercial.

## 12. Limitations

Douglas Partners (DP) has prepared this report for this project at 13-23 Gibbons Street, Redfern in accordance with DP's proposal SYD180784.R.001.Rev1 dated 4 September 2018 and acceptance received from Mr John De Fazio of The Trust Company (Australia) Limited ATF WH Gibbons Trust dated 17 September 2018. The work was carried out under DP's Conditions of Engagement. This report is provided for the exclusive use of The Trust Company (Australia) Limited ATF WH Gibbons Trust for this project only and for the purposes as described in the report. It should not be used by or relied upon for other projects or purposes on the same or other site or by a third party. Any party so relying upon this report beyond its exclusive use and purpose as stated above, and without the express written consent of DP, does so entirely at its own risk and without recourse to DP for any loss or damage. In preparing this report DP has necessarily relied upon information provided by the client and/or their agents.

The results provided in the report are indicative of the sub-surface conditions on the site only at the specific sampling and/or testing locations, and then only to the depths investigated and at the time the work was carried out. Sub-surface conditions can change abruptly due to variable geological processes and also as a result of human influences. Such changes may occur after DP's field testing has been completed.

DP's advice is based upon the conditions encountered during this investigation. The accuracy of the advice provided by DP in this report may be affected by undetected variations in ground conditions across the site between and beyond the sampling and/or testing locations. The advice may also be limited by budget constraints imposed by others or by site accessibility.

This report must be read in conjunction with all of the attached and should be kept in its entirety without separation of individual pages or sections. DP cannot be held responsible for interpretations or conclusions made by others unless they are supported by an expressed statement, interpretation, outcome or conclusion stated in this report.

This report, or sections from this report, should not be used as part of a specification for a project, without review and agreement by DP. This is because this report has been written as advice and opinion rather than instructions for construction.



Asbestos has not been detected by observation or by laboratory analysis, either on the surface of the site, or in filling materials at the test locations sampled and analysed. Building demolition materials, such as concrete, brick and tile were, however, located in previous below-ground filling and these are considered as indicative of the possible presence of hazardous building materials (HBM), including asbestos.

Although the sampling plan adopted for this investigation is considered appropriate to achieve the stated project objectives, there are necessarily parts of the site that have not been sampled and analysed. This is either due to undetected variations in ground conditions or to budget constraints or to parts of the site being inaccessible and not available for sampling. It is therefore considered possible that HBM, including asbestos, may be present in unobserved or untested parts of the site, between and beyond sampling locations, and hence no warranty can be given that asbestos is not present.

The contents of this report do not constitute formal design components such as are required, by the Health and Safety Legislation and Regulations, to be included in a Safety Report specifying the hazards likely to be encountered during construction and the controls required to mitigate risk. This design process requires risk assessment to be undertaken, with such assessment being dependent upon factors relating to likelihood of occurrence and consequences of damage to property and to life. This, in turn, requires project data and analysis presently beyond the knowledge and project role respectively of DP. DP may be able, however, to assist the client in carrying out a risk assessment of potential hazards contained in the Comments section of this report, as an extension to the current scope of works, if so requested, and provided that suitable additional information is made available to DP. Any such risk assessment would, however, be necessarily restricted to the environmental components set out in this report and to their application by the project designers to project design, construction, maintenance and demolition.

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**Douglas Partners Pty Ltd**

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## Appendix A

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[About This Report](#)

[Drawings](#)

[Site Photographs](#)

# About this Report

## Douglas Partners



### Introduction

These notes have been provided to amplify DP's report in regard to classification methods, field procedures and the comments section. Not all are necessarily relevant to all reports.

DP's reports are based on information gained from limited subsurface excavations and sampling, supplemented by knowledge of local geology and experience. For this reason, they must be regarded as interpretive rather than factual documents, limited to some extent by the scope of information on which they rely.

### Copyright

This report is the property of Douglas Partners Pty Ltd. The report may only be used for the purpose for which it was commissioned and in accordance with the Conditions of Engagement for the commission supplied at the time of proposal. Unauthorised use of this report in any form whatsoever is prohibited.

### Borehole and Test Pit Logs

The borehole and test pit logs presented in this report are an engineering and/or geological interpretation of the subsurface conditions, and their reliability will depend to some extent on frequency of sampling and the method of drilling or excavation. Ideally, continuous undisturbed sampling or core drilling will provide the most reliable assessment, but this is not always practicable or possible to justify on economic grounds. In any case the boreholes and test pits represent only a very small sample of the total subsurface profile.

Interpretation of the information and its application to design and construction should therefore take into account the spacing of boreholes or pits, the frequency of sampling, and the possibility of other than 'straight line' variations between the test locations.

### Groundwater

Where groundwater levels are measured in boreholes there are several potential problems, namely:

- In low permeability soils groundwater may enter the hole very slowly or perhaps not at all during the time the hole 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. They may not be the same at the time of construction as are indicated in the report; and
- 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 first be washed out of the hole if water measurements are to be made.

More reliable measurements can be made by installing standpipes which are read at intervals over several days, or 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 a perched water table.

### Reports

The report has been prepared by qualified personnel, is based on the information obtained from field and laboratory testing, and has been undertaken to current engineering standards of interpretation and analysis. Where the report has been prepared for a specific design proposal, the information and interpretation may not be relevant if the design proposal is changed. If this happens, DP will be pleased to review the report and the sufficiency of the investigation work.

Every care is taken with the report as it relates to interpretation of subsurface conditions, discussion of geotechnical and environmental aspects, and recommendations or suggestions for design and construction. However, DP cannot always anticipate or assume responsibility for:

- Unexpected variations in ground conditions. The potential for this will depend partly on borehole or pit spacing and sampling frequency;
- Changes in policy or interpretations of policy by statutory authorities; or
- The actions of contractors responding to commercial pressures.

If these occur, DP will be pleased to assist with investigations or advice to resolve the matter.

# *About this Report*

## **Site Anomalies**

In the event that conditions encountered on site during construction appear to vary from those which were expected from the information contained in the report, DP requests that it be immediately notified. Most problems are much more readily resolved when conditions are exposed rather than at some later stage, well after the event.

## **Information for Contractual Purposes**

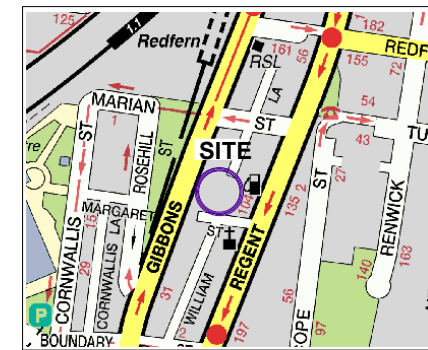
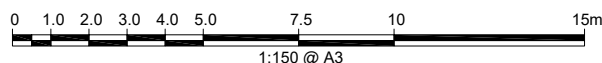
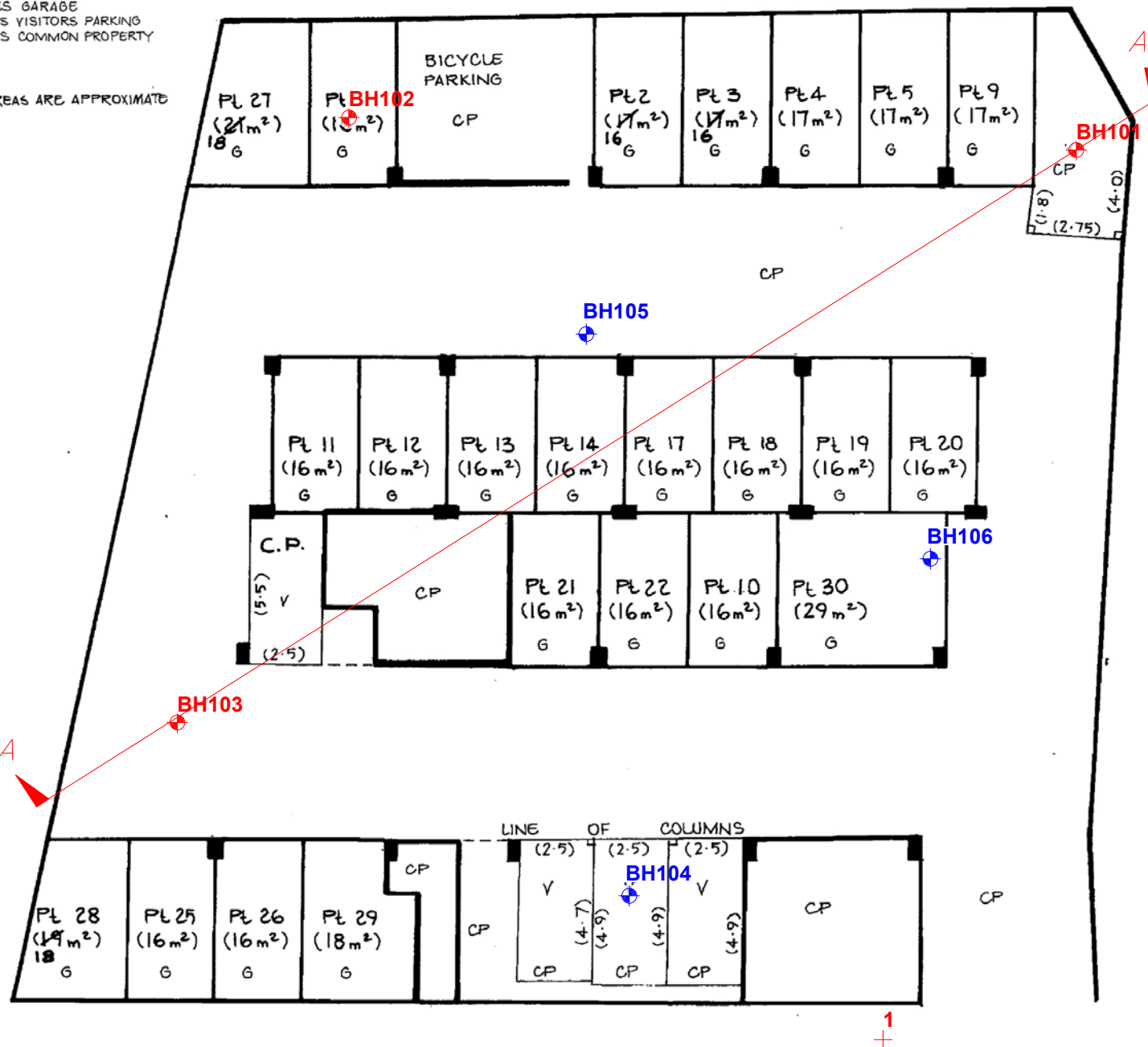
Where information obtained from this report is provided for tendering purposes, it is recommended that all information, including the written report and discussion, be made available. In circumstances where the discussion or comments section is not relevant to the contractual situation, it may be appropriate to prepare a specially edited document. DP would be pleased to assist in this regard and/or to make additional report copies available for contract purposes at a nominal charge.

## **Site Inspection**

The company will always be pleased to provide engineering inspection services for geotechnical and environmental aspects of work to which this report is related. This could range from a site visit to confirm that conditions exposed are as expected, to full time engineering presence on site.

G - DENOTES GARAGE  
 V - DENOTES VISITORS PARKING  
 CP - DENOTES COMMON PROPERTY

NOTE: AREAS ARE APPROXIMATE



Locality Plan

- NOTE:
- 1: Base drawing from April Group (Dwg SP60485)
  - 2: Test locations are approximate only and are shown with reference to existing features.

# LEGEND

- + Previous borehole
- Current borehole
- Current shallow environmental borehole
- A-A' Geotechnical Cross Section A-A'

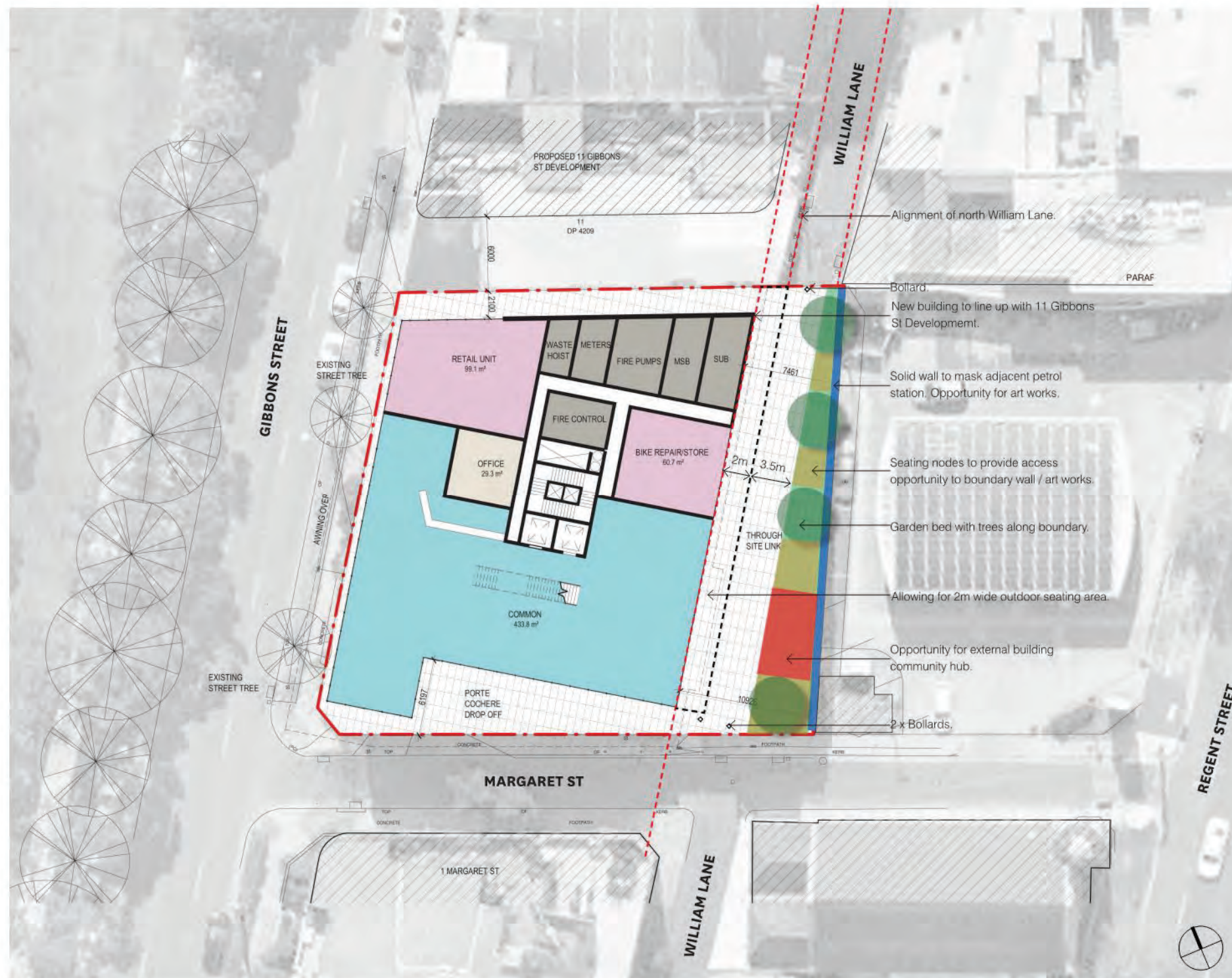








# PUBLIC DOMAIN LANEWAY CONCEPT



- Maximise community offering
- Soften the laneway
- Create social intimacy through seating pockets
- Environmental protection
- Provision of art integration
- Provision of greening through tree planting and gardens

CONCEPT





Photo 1 – Multi-level residential building with access to carpark from Margaret Street



Photo 2 – Basement level carpark with concrete floor



#### Site Photographs

#### Detailed (Contamination) Site Investigation

**13 – 23 Gibbons Street, Redfern**

CLIENT: The Trust Company  
(Australia) Limited AFT WH  
Gibbons Trust

PROJECT: 86266.04

PLATE No: 1

REV: 0

DATE: 26-Sep-18





Photo 3 – Minor cracking along footpath and slight staining



Photo 4 – Ventilation between the building on site and the service station



## Site Photographs

### Detailed (Contamination) Site Investigation

**13 – 23 Gibbons Street, Redfern**

CLIENT: The Trust Company  
(Australia) Limited AFT WH  
Gibbons Trust

PROJECT: 86266.04

PLATE No: 2

REV: 0

DATE: 26-Sep-18



Photo 5 – Ventilation on building exteriors



Photo 6 – Gardens with vegetation and visible service pipes



## Site Photographs

### Detailed (Contamination) Site Investigation

13 – 23 Gibbons Street, Redfern

CLIENT: The Trust Company  
(Australia) Limited AFT WH  
Gibbons Trust

PROJECT: 86266.04

PLATE No: 3

REV: 0

DATE: 26-Sep-18





Photo 7 – Gardens with stormwater drainage and gravel layer

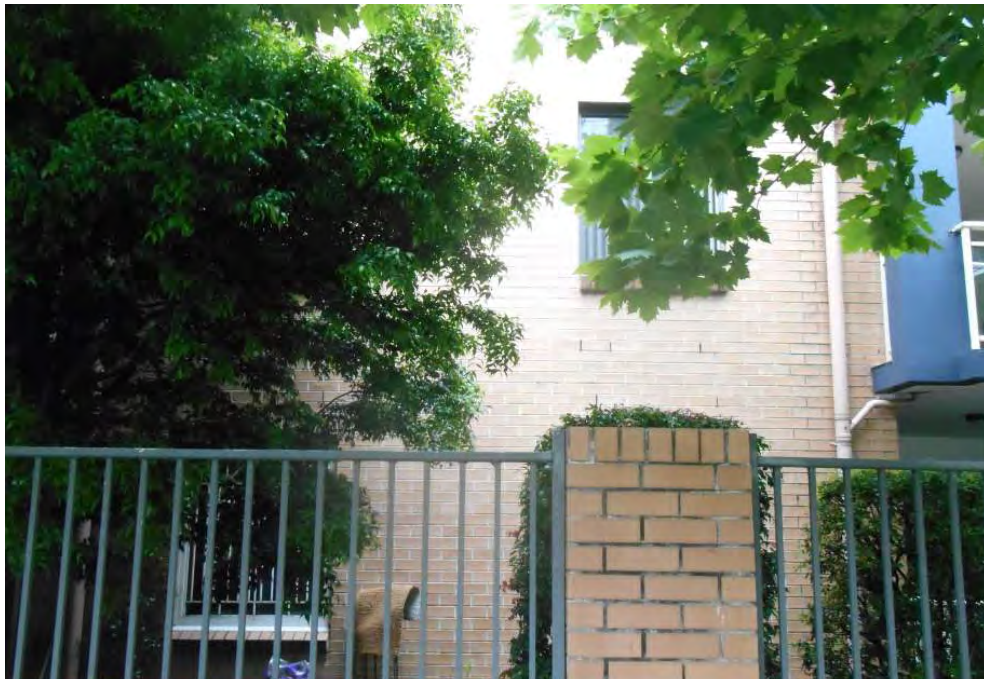


Photo 8 – Gibbon Street view of site with visible bag of fertiliser and vegetation



## Site Photographs

### Detailed (Contamination) Site Investigation

**13 – 23 Gibbons Street, Redfern**

CLIENT: The Trust Company  
(Australia) Limited AFT WH  
Gibbons Trust

PROJECT: 86266.04

PLATE No: 4

REV: 0

DATE: 26-Sep-18



Photo 9 – Pest control stations on building exterior



Photo 10 – Service station east of site



## Site Photographs

### Detailed (Contamination) Site Investigation

13 – 23 Gibbons Street, Redfern

CLIENT: The Trust Company  
(Australia) Limited AFT WH  
Gibbons Trust

PROJECT: 86266.04

PLATE No: 5

REV: 0

DATE: 26-Sep-18





Photo 11 – Above ground liquid petroleum storage with ventilation directly adjacent to site boundary fence



Photo 12 – Groundwater monitoring wells and underground storage tanks located at the service station



## Site Photographs

### Detailed (Contamination) Site Investigation

13 – 23 Gibbons Street, Redfern

CLIENT: The Trust Company  
(Australia) Limited AFT WH  
Gibbons Trust

PROJECT: 86266.04

PLATE No: 6

REV: 0

DATE: 26-Sep-18



Photo 13 – Council depot with heavy vehicles parked onsite



Photo 14 – Rubbish stored at the council depot adjacent to the north boundary of site



## Site Photographs

### Detailed (Contamination) Site Investigation

**13 – 23 Gibbons Street, Redfern**

CLIENT: The Trust Company  
(Australia) Limited AFT WH  
Gibbons Trust

PROJECT: 86266.04

PLATE No: 7

REV: 0

DATE: 26-Sep-18





Photo 15 – Church located south east of the site with multiple ventilation pipes installed



Photo 16 – Open drainage and ventilation for the church. Visible staining and degradation of the building and footpath



#### Site Photographs

#### Detailed (Contamination) Site Investigation

**13 – 23 Gibbons Street, Redfern**

CLIENT: The Trust Company  
(Australia) Limited AFT WH  
Gibbons Trust

PROJECT: 86266.04

PLATE No: 8


REV: 0

DATE: 26-Sep-18





Photo 17 – Well maintained grass area located west of the site

	<b>Site Photographs</b>		PROJECT: 86266.04
	<b>Detailed (Contamination) Site Investigation</b>		PLATE No: 9
	<b>13 – 23 Gibbons Street, Redfern</b>		REV: 0
	CLIENT: The Trust Company (Australia) Limited AFT WH Gibbons Trust		DATE: 26-Sep-18

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## Appendix B

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### Data Quality Objectives

## QA/QC PROCEDURES AND RESULTS

### Q1. Data Quality Objectives

The Detailed Site Investigation (DSI) was prepared with reference to the seven step data quality objective (DQO) process which is provided in Appendix B, Schedule B2 of the *National Environment Protection (Assessment of Site Contamination) Measure 1999* as amended 2013 (NEPC, 2013). The DQO process is outlined as follows:

- Stating the Problem;
- Identifying the Decision;
- Identifying Inputs to the Decision;
- Defining the Boundary of the Assessment;
- Developing a Decision Rule;
- Specifying Acceptable Limits on Decision Errors; and
- Optimising the Design for Obtaining Data.

The DQOs have been addressed within the report as shown in Table Q1.

**Table Q1: Data Quality Objectives**

<b>Data Quality Objective</b>	<b>Report Section where Addressed</b>
State the Problem	S1 Introduction
Identify the Decision	S10 Discussion S11 Conclusion and Recommendations
Identify Inputs to the Decision	S1 Introduction S3 Site Information S4 Site History S5 Site Walkover S8 Site Assessment Criteria S9 Results
Define the Boundary of the Assessment	S3.1 Site Identification and Description Site Drawings 1 and 2 - Appendix A
Develop a Decision Rule	S8 Site Assessment Criteria
Specify Acceptable Limits on Decision Errors	S7 Soil and Groundwater Sampling Methodology and Rationale QA/QC Procedures and Results - Appendix B

Optimise the Design for Obtaining Data	S2 Scope of Works S7 Soil and Groundwater Sampling Methodology and Rationale QA/QC Procedures and Results - Appendix B
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## Q2. FIELD AND LABORATORY QUALITY CONTROL

The field and laboratory QC procedures and results are summarised in the following Table Q2 and Q3. Reference should be made to the fieldwork and analysis procedures in Section 7 and the laboratory results certificates in Appendix I for further details.

**Table Q2: Field and Laboratory QC**

Item	Evaluation / Acceptance Criteria	Achievement
Analytical laboratories used	NATA accreditation	yes
Holding times	Various based on type of analysis	yes
Intra-laboratory replicates	10% of primary samples; <50% RPD (>5 x PQL)	yes <sup>1</sup>
Trip Spikes	1 per sampling event; 60-140% recovery	yes
Trip Blanks	1 per sampling event; <PQL	yes
Laboratory / Reagent Blanks	1 per batch; <PQL	yes
Matrix Spikes	1 per lab batch; 70-130% recovery (inorganics); 60-140% recovery (organics)	yes
Surrogate Spikes	All organics analysis; 70-130% recovery (inorganics); 60-140% recovery (organics)	yes
Control Samples	1 per lab batch; 70-130% recovery (inorganics); 60-140% recovery (organics)	yes

NOTE: 1 qualitative assessment of RPD results overall

**Table Q3: Laboratory QC Results**

Report No.	Lab Comment	DP Comment
ESL-201510	PAHs in Soil – The RPD for duplicate results is accepted due to non-homogenous nature of the sample 1. Acids Extractable Metals in Soil: The laboratory RPD acceptance criteria has been exceeded for 201510-1 for CR. Therefore a triplicate result has been issued as laboratory sample number 201510-14	Non-conformances do not effect data quality

ELS-201682	OCP/OP/PCB analysed by MPL. Report no. 216624	Non-conformances do not effect data quality
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No rinsate samples were taken as no re-usable sampling equipment was used.

In summary, the QC data is determined to be of sufficient quality to be considered acceptable for the assessment.

### **Q2.1 Intra-Laboratory Replicates**

Intra-laboratory replicates were analysed as an internal check of the reproducibility within the primary laboratory ELS and as a measure of consistency of sampling techniques. The comparative results of analysis between original and intra-laboratory replicate samples are summarised in Table Q4 and Q5.

Note that, where both samples are below PQL the difference and RPD has been given as zero. Where one sample is reported below PQL, but a concentration is reported for the other, the PQL value has been used for calculation of the RPD for the less than PQL sample.

Table Q4: Relative Percentage Difference Results – Soil Intra-laboratory Replicates

				Sample ID	BH1/3.5m	BD1	RPD	BH102/1.4-1.5	BD1/20180821	RPD
				Sample Date	29/01/2018	29/01/2018		21/09/2018	21/09/2018	
				Units	PQL					
PAH	Benzo(a) pyrene	mg/kg	0.05	-	-	-	-	<0.05	<0.05	0
	Benzo(a)pyrene TEQ	mg/kg	0.5	-	-	-	-	<0.5	<0.5	0
	Naphthalene	mg/kg	1	<1.0	<1.0	0				
	Total +ve PAHs	mg/kg	0.05	-	-	-	-	<0.05	<0.05	0
BTEX	Benzene	mg/kg	0.2	<0.2	<0.2	0	0	<0.2	<0.2	0
	Ethylbenzene	mg/kg	1	<1.0	<1.0	0	0	<1.0	<1.0	0
	Toluene	mg/kg	0.5	<0.5	<0.5	0	0	<0.5	<0.5	0
	Xylene Total	mg/kg	1	<1.0	<1.0	0	0	<1.0	<1.0	0
TRH	C6-C10	mg/kg	25	<25.0	<25.0	0	0	<25.0	<25.0	0
	C10-C16	mg/kg	50	<50.0	<50.0	0	0	<50.0	<50.0	0
	C16-C34	mg/kg	100	<100.0	<100.0	0	0	<100.0	<100.0	0
	C34-C40	mg/kg	100	<100.0	<100.0	0	0	<100.0	<100.0	0
Metals	Lead	mg/kg	1	940.0	610.0	<b>43</b>		4.0	3.0	29
	Arsenic	mg/kg	4	15.0	13.0	14		<4.0	<4.0	0
	Cadmium	mg/kg	0.4	0.5	0.5	0		<0.4	<0.4	0
	Chromium (III+VI)	mg/kg	1	12.0	19.0	<b>45</b>		9.0	8.0	12
	Copper	mg/kg	1	59.0	87.0	<b>38</b>		<1.0	<1.0	0
	Mercury	mg/kg	0.1	1.0	1.4	<b>33</b>		<0.1	<0.1	0
	Nickel	mg/kg	1	12.0	12.0	0		2.0	2.0	0
	Zinc	mg/kg	1	340.0	400.0	16		2.0	1.0	<b>67</b>

**Table Q5: Relative Percentage Difference Results – Groundwater Intra-laboratory Replicates**

				Sample ID	BH1/3.5m	BD1	RPD
				Sample Date	29/01/2018	29/01/2018	
		Units	PQL				
PAH	Benzo(a) pyrene	µg/L	0.1		<0.1	<0.1	0
	Naphthalene	µg/L	0.2		<0.2	<0.2	0
	Benzo(a)pyrene TEQ	mg/l	0.0005		<0.0005	<0.0005	0
BTEX	Benzene	µg/L	1		<1.0	<1.0	0
	Ethylbenzene	µg/L	1		<1.0	<1.0	0
	Toluene	µg/L	1		<1.0	<1.0	0
	Xylene (m & p)	µg/L	2		<2.0	<2.0	0
TRH	C6-C10 less BTEX (F1)	mg/l	0.01		<0.01	<0.01	0
	C10-C16	mg/l	0.05		<0.05	<0.05	0
	C16-C34	mg/l	0.1		<0.1	<0.1	0
	C34-C40	mg/l	0.1		<0.1	<0.1	0
Metals	Lead (Filtered)	mg/l	0.001		<0.001	<0.001	0
	Arsenic (Filtered)	mg/l	0.001		<0.001	<0.001	0
	Cadmium (Filtered)	mg/l	0.0001		<0.0001	<0.0001	0
	Chromium (III+VI) (Filtered)	mg/l	0.001		<0.001	<0.001	0
	Copper (Filtered)	mg/l	0.001		<b>0.001</b>	<b>0.005</b>	<b>133</b>
	Mercury (Filtered)	mg/l	0.00005		<0.0001	<0.0001	0
	Nickel (Filtered)	mg/l	0.001		0.002	0.002	0
	Zinc (Filtered)	mg/l	0.001		0.027	0.031	14
VOCs	Chloroform	µg/L	1		1.0	<1.0	0
	All other VOCs	µg/L	PQL		<PQL	<PQL	0
All OCPs		µg/L	PQL		<PQL	<PQL	0
All OPPs		µg/L	PQL		<PQL	<PQL	0
All PCBs		µg/L	PQL		<PQL	<PQL	0

The calculated RPD values were within the acceptable range of  $\pm 30$  for inorganic analytes and  $\pm 50\%$  for organics with the exception of those in bold. However, this is not considered to be significant because:

- The typically low actual differences in the concentrations of the replicate pairs where some RPD exceedances occurred. High RPD values reflect the small differences between two small numbers;
- Replicate samples (soil) with high RPD values for inorganic analytes was taken from filling material that is heterogeneous in nature and the distribution of metals in soil are also generally non-homogenous;



- Soil replicates, rather than homogenised soil duplicates, were used to minimise the risk of possible volatile loss, hence greater variability can be expected;
- The majority of RPDs within a replicate pair being within the acceptable limits; and
- All other QA/QC parameters met the DQIs.

Overall, the intra-laboratory replicate comparisons indicate that the sampling techniques were generally consistent and repeatable.

### Q3. Data Quality Indicators

The reliability of field procedures and analytical results was assessed against the following data quality indicators (DQIs):

- Completeness – a measure of the amount of usable data from a data collection activity;
- Comparability – the confidence (qualitative) that data may be considered to be equivalent for each sampling and analytical event;
- Representativeness – the confidence (qualitative) of data representativeness of media present on-site;
- Precision – a measure of variability or reproducibility of data; and
- Accuracy – a measure of closeness of the data to the ‘true’ value.

The DQIs were assessed as outlined in the following Table Q3.

**Table Q3: Data Quality Indicators**

Data Quality Indicator	Method(s) of Achievement
Completeness	Systematic and selected target locations sampled; Preparation of borehole logs, sample location plan and chain of custody records; Preparation of field groundwater sampling sheets; Laboratory sample receipt information received confirming receipt of samples intact and appropriateness of the chain of custody; Samples analysed for contaminants of potential concern (COPC) identified in the Conceptual Site Model (CSM); Completion of chain of custody (COC) documentation; NATA accredited laboratory results certificates provided by the laboratory; Satisfactory frequency and results for field and laboratory quality control (QC) samples as discussed in Section Q2.
Comparability	Using appropriate techniques for sample recovery, storage and transportation, which were the same for the duration of the project;

	<p>Experienced samplers used;</p> <p>Use of NATA registered laboratories, with test methods the same or similar between laboratories;</p> <p>Satisfactory results for field and laboratory QC samples.</p>
Representativeness	<p>Target media sampled;</p> <p>Sample numbers recovered and analysed are considered to be representative of the target media and complying with DQOs;</p> <p>Samples were extracted and analysed within holding times;</p> <p>Samples were analysed in accordance with the COC.</p>
Precision	<p>Field staff followed standard operating procedures;</p> <p>Acceptable RPD between original samples and replicates;</p> <p>Satisfactory results for all other field and laboratory QC samples.</p>
Accuracy	<p>Field staff followed standard operating procedures;</p> <p>Satisfactory results for all field and laboratory QC samples.</p>

Based on the above, it is considered that the DQIs have been complied with. As such, it is concluded that the field and laboratory test data obtained are reliable and useable for this assessment.

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## Appendix C

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### Summary Results Tables

Table C1. Soil Analytical Results Summary Table

Table C1. Soil Analytical Results Summary Table				Metals										TPH						BTEX						PAHs																																																																																																																																																																																																																																																	
				Arsenic	Cadmium	Chromium (III+VI)		Copper	Lead	Lead in TCLP	Mercury	Nickel	Zinc	G6-C10 (F1) <sup>2</sup>		C10-C16 (F2) <sup>2</sup>		C16-C34	C34-C40	F2-NAPHTHALENE <sup>3</sup>	G6 - C3	+C10 - C36 (Sum of total)	Benzene	Ethylbenzene	Toluene	Xylene (m & p)	Xylene (o)	Xylene Total	G6-C10 less BTEX (F1) <sup>3</sup>	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b,h,i)perylene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Benzo(b,j,k)fluoranthene	Carcinogenic PAHs (as BaP TEQ)	Total +ve PAHs	PAH (total, NSW Waste 2014)	All OCPs <sup>5</sup>	All OPPs <sup>5</sup>	PCBs (Sum of total)	Phenolics Total																																																																																																																																																																																																																								
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg																																																																																																																																																																																																																										
PQL				4	0.4	1	1	1	0.03	0.1	1	1	1	25	50	100	100	50	25			0.2	1	0.5	2	1	1	25	0.1	0.1	0.1	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2		0.05			PQL	PQL	0.1	5																																																																																																																																																																																																																							
Site Assessment Criteria																																																																																																																																																																																																																																																																											
NEPM 2013 Table 1A(1) HILs/HSL Res B Soil, Direct Contact				500	150	500	30000	1200	-	120	1200	60000	5600	4200	5800	8100	-	-	-	140	5900	21,000		-	17,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	400	-	500	340	1	45,000																																																																																																																																																																																																																								
NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand, 0-1m				-	-	-	-	-	-	-	-	-	-	-	-	-	-	110	-	-	0.5	55	160	-	-	40	45	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																																																																							
NEPM 2013 Table 1B(7) Management Limits in Residential, Coarse Soil				-	-	-	-	-	-	-	-	-	-	700	1000	2500	10000	-	-	-	-	-	-	0.5	55	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																																																																					
Waste Classification Criteria																																																																																																																																																																																																																																																																											
NSW EPA 2014 General Solid Waste (CT1)				100	20	100	-	100	-	4	40	-	-	-	-	-	-	-	650	10000	10	600	288	-	-	1000	-	-	-	-	-	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200	-	-	-	288																																																																																																																																																																																																																						
NSW EPA 2014 General Solid Waste SCC1				500	100	1900	-	1500	5	50	1050	-	-	-	-	-	-	-	650	10000	18	1080	518	-	-	1800	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200	-	-	50	518																																																																																																																																																																																																																							
NSW EPA 2014 Restricted Solid Waste CT2				400	80	400	-	400	-	16	160	-	-	-	-	-	-	-	2600	40000	40	2400	1152	-	-	4000	-	-	-	-	-	-	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	800	-	-	-	1152																																																																																																																																																																																																																						
Background Levels for Natural Soil																																																																																																																																																																																																																																																																											
NEPC (1999) Background Levels				1-50	1	5-1000	2-100	2-200	-	0.03	5-500	10-300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																																																																							
ANZECC (1992) Background Levels				0.2-30	0.04-2	0.5-110	1-190	<2-200	-	0.001-0.1	2-400	2-180	-	-	-	-	-	-	-	-	0.05-1	-	-	0.1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																																																																						
ANZECC (2000) Background Levels				1-53	0.016-0.78	2.5-673	0.4-412	2-81	-		1-517	1-263	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																																																																						
Sample ID	Sample Depth	Sample Date	Matrix																																																																																																																																																																																																																																																																								
Previous Investigation (DP, 2018)																																																																																																																																																																																																																																																																											
BH1	0.9	29/01/2018	FILLING	<4	<0.4	5	6	10	-	<0.1	2	23	<25	<50	<100	<100	<50	<25	<250	<0.2	<1	<0.5	<2	<1	<1	<25	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0

Table C1. Soil Analytical Results Summary Table

Table C1. Soil Analytical Results Summary Table				Asbestos ID <sup>4</sup>	Moderately Harmful Pesticides (NSW Waste 2014)	Scheduled chemicals <sup>5</sup> (NSW Waste 2014)
PQL				g/kg	mg/kg	mg/kg
Site Assessment Criteria				0.01		
NEPM 2013 Table 1A(1) HILs/HSL Res B Soil, Direct Contact				0.01	-	-
NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand, 0-1m				-	-	-
NEPM 2013 Table 1B(7) Management Limits in Residential, Coarse Soil				-	-	-
Waste Classification Criteria						
NSW EPA 2014 General Solid Waste (CT1)				-	250	50
NSW EPA 2014 General Solid Waste SCC1				-	250	50
NSW EPA 2014 Restricted Solid Waste CT2				-	1000	50
Background Levels for Natural Soil						
NEPC (1999) Background Levels				-	-	-
ANZECC (1992) Background Levels				-	-	-
ANZECC (2000) Background Levels				-	-	-
Sample ID	Sample Depth	Sample Date	Matrix			
Previous Investigation (DP, 2018)						
BH1	0.9	29/01/2018	FILLING	NAD	<0.6	<1.3
BH1	3.5	29/01/2018	FILLING	NAD	<0.6	<1.3
BD1 <sup>1</sup>	3.5	29/01/2018	FILLING	-	-	-
BH1	4.2	29/01/2018	SAND	-	-	-
BH1	4.5	29/01/2018	SANDY CLAY	-	-	-
Current Investigation						
BH101	0.16-0.3	20/09/2018	FILLING	NAD	<0.6	<1.3
BH101	1.4-1.5	20/09/2018	SANDY CLAY	-	-	-
BH102	0.4-0.5	21/09/2018	FILLING	NAD	<0.6	<1.3
BH102	1.4-1.5	21/09/2018	CLAYEY SAND	NAD	-	-
BD1/20180921 <sup>1</sup>	1.4-1.5	21/09/2018	CLAYEY SAND	-	-	-
BH103	0.15-0.2	19/09/2018	FILLING	NAD	<0.6	<1.3
BH103	0.9-1	19/09/2018	SAND	-	-	-
BH104	0.4-0.5	20/09/2018	FILLING	NAD	-	-
BH105	0.4-0.5	19/09/2018	FILLING	NAD	-	-
BH106	0.4-0.5	19/09/2018	FILLING	NAD	<0.6	<1.3

- Notes:
- 1 Replicate samples BD1 taken from BH1 depth 3.5m and BD1/20180
  - 2 Separate management limits for BTEX and naphthalene are not ava
  - 3 For health screening levels, BTEX and naphthalene have been subtr
  - 4 No asbestos detected in laboratory (NAD)
  - 5 HIL-B for OCP based on level for Methoxychlor and OPP based on le

Table C2. Groundwater Analytical Results Summary Table

Table C2. Groundwater Analytical Results Summary Table		Dissolved Metals										TRH						BTEX								Trace Level OCP				VOC				
		Arsenic (Filtered)	Cadmium (Filtered)	Chromium (II+VI) (Filtered)	Copper (Filtered)	Lead (Filtered)	Mercury (Filtered)	Nickel (Filtered)	Zinc (Filtered)	C10-C16	C16-C34	C34-C40	C10-C16 less Naphthalene (F2)	C10 - C14	C15 - C28	C29-C36	Benzene	Ethylbenzene	Naphthalene	Toluene	C6 - C9	Xylene (m & p)	Xylene (o)	C6-C10 less BTEX (F1) <sup>2</sup>	C6-C10	All low level PAHs	Dieldrin	All other OCPs	All trace level OPPs	All PCBs	Phenolics Total	Chloroform	All other VOCs	
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
PQL		1	0.1	1	1	1	0.05	1	1	0.05	0.1	0.1	0.05	50	100	100	1	1	1	1	10	2	1	0.01	0.01	PQL	0.001	PQL	PQL	PQL	50	1	PQL	
ANZAST (2018) Freshwater 95% protection toxicant DGVs		13	0.5	8.6	1.4	8.8	0.6	28.5	20.7	-	-	-	-	-	-	-	950	80	16	180	-	275	350	-	-	-	0.01	-	-	-	-	-	370	-
NEPM 2013 Table 1A(4) Res HSL A & B GW for Vapour intrusion, Sand, 2-4m		-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	800	NL	NL	NL	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Sample ID	Sample Date																																	
BH101	26/09/2018	<1	<0.1	<1	2	<1	<0.05	<1	13	<0.05	<0.1	<0.1	<0.05	<50	<100	<100	<1	<1	<1	<1	<10	<2	<1	<0.01	<0.01	<PQL	<0.001	<PQL	<PQL	<PQL	<50	1	<PQL	
BH102	26/09/2018	<1	<0.1	<1	7	<1	<0.05	3	140	<0.05	<0.1	<0.1	<0.05	<50	<100	<100	<1	<1	<1	<1	<10	<2	<1	<0.01	<0.01	<PQL	0.002	<PQL	<PQL	<PQL	<50	<1	<PQL	
BH103	26/09/2018	<1	<0.1	<1	1	<1	<0.05	2	27	<0.05	<0.1	<0.1	<0.05	<50	<100	<100	<1	<1	<1	<1	<10	<2	<1	<0.01	<0.01	<PQL	<0.001	<PQL	<PQL	<PQL	<50	1	<PQL	
BD1/20180926 <sup>1</sup>	26/09/2018	<1	<0.1	<1	5	<1	<0.05	2	31	<0.05	<0.1	<0.1	<0.05	<50	<100	<100	<1	<1	<1	<1	<10	<2	<1	<0.01	<0.01	<PQL	<0.001	<PQL	<PQL	<PQL	<50	<1	<PQL	

**Notes:**

- 1 Replicate sample BD1/20180926 taken from BH103
- 2 For health screening levels, BTEX and naphthalene have been subtracted from relevant fractions to obtain F1 and F2

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## **Appendix D**

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Lotsearch Environmental Risk and Planning Report



# Lotsearch



## **Environmental Risk and Planning Report**

**13-23 Gibbons Street, Redfern, NSW 2016**

**Report Date: 02 Nov 2017 15:38:36**

**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.

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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
1	Georeferenced to the site location / premise or part of site
2	Georeferenced with the confidence of the general/approximate area
3	Georeferenced to the road or rail
4	Georeferenced to the road intersection
5	Feature is a buffered point
6	Land adjacent to Georeferenced Site
7	Georeferenced to a network of features

## 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 Onsite	No. Features within 100m	No. Features within Buffer
Cadastre Boundaries	Department Finance, Services & Innovation	02/11/2017	02/11/2017	Daily	-	-	-	-
Topographic Data	Department Finance, Services & Innovation	10/04/2015	01/04/2015	As required	-	-	-	-
List of NSW contaminated sites notified to EPA	Environment Protection Authority	30/10/2017	04/09/2017	Monthly	1000	0	1	7
Contaminated Land: Records of Notice	Environment Protection Authority	30/10/2017	30/10/2017	Monthly	1000	0	0	1
Former Gasworks	Environment Protection Authority	23/10/2017	12/09/2017	Monthly	1000	0	0	0
National Waste Management Site Database	Geoscience Australia	23/10/2017	07/03/2017	Quarterly	1000	0	0	0
EPA PFAS Investigation Program	Environment Protection Authority	23/10/2017	23/10/2017	Monthly	2000	0	0	0
EPA Other Sites with Contamination Issues	Environment Protection Authority	23/10/2017	23/10/2017	Quarterly	1000	0	0	0
Licensed Activities under the POEO Act 1997	Environment Protection Authority	04/10/2017	04/10/2017	Monthly	1000	1	1	2
Delicensed POEO Activities still Regulated by the EPA	Environment Protection Authority	04/10/2017	04/10/2017	Monthly	1000	0	1	4
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority	04/10/2017	04/10/2017	Monthly	1000	0	0	4
UPSS Environmentally Sensitive Zones	Environment Protection Authority	14/04/2015	12/01/2010	As required	1000	1	1	1
UBD Business to Business Directory 1991 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	17	24
UBD Business to Business Directory 1991 (Road & Area Matches)	Hardie Grant			Not required	150	-	0	1
UBD Business to Business Directory 1986 (Premise & Intersection Matches)	Hardie Grant			Not required	150	4	61	96
UBD Business to Business Directory 1986 (Road & Area Matches)	Hardie Grant			Not required	150	-	5	11
UBD Business Directory 1982 (Premise & Intersection Matches)	Hardie Grant			Not required	150	4	63	88
UBD Business Directory 1982 (Road & Area Matches)	Hardie Grant			Not required	150	-	9	11
UBD Business Directory 1978 (Premise & Intersection Matches)	Hardie Grant			Not required	150	7	57	87
UBD Business Directory 1978 (Road & Area Matches)	Hardie Grant			Not required	150	-	12	23
UBD Business Directory 1975 (Premise & Intersection Matches)	Hardie Grant			Not required	150	7	73	83
UBD Business Directory 1975 (Road & Area Matches)	Hardie Grant			Not required	150	-	7	23
UBD Business Directory 1970 (Premise & Intersection Matches)	Hardie Grant			Not required	150	5	119	203
UBD Business Directory 1970 (Road & Area Matches)	Hardie Grant			Not required	150	-	23	32
UBD Business Directory 1965 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	116	167
UBD Business Directory 1965 (Road & Area Matches)	Hardie Grant			Not required	150	-	11	18
UBD Business Directory 1961 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	133	185
UBD Business Directory 1961 (Road & Area Matches)	Hardie Grant			Not required	150	-	10	19
UBD Business Directory 1950 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	122	166
UBD Business Directory 1950 (Road & Area Matches)	Hardie Grant			Not required	150	-	30	56
UBD Business Directory Drycleaners & Motor Garages/Service Stations (Premise & Intersection Matches)	Hardie Grant			Not required	1000	0	29	381
UBD Business Directory Drycleaners & Motor Garages/Service Stations (Road & Area Matches)	Hardie Grant			Not required	1000	-	0	60

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features Onsite	No. Features within 100m	No. Features within Buffer
Points of Interest	Department Finance, Services & Innovation	01/02/2017	01/02/2017	Annually	1000	0	2	98
Tanks (Areas)	Department Finance, Services & Innovation	01/02/2017	01/02/2017	Annually	1000	0	0	0
Tanks (Points)	Department Finance, Services & Innovation	01/02/2017	01/02/2017	Annually	1000	0	0	0
Major Easements	Department Finance, Services & Innovation	01/02/2017	01/02/2017	As required	1000	0	0	4
State Forest	Department Finance, Services & Innovation	01/02/2017	29/06/2016	As required	1000	0	0	0
NSW National Parks and Wildlife Service Reserves	NSW Office of Environment and Heritage	01/02/2017	31/12/2016	Annually	1000	0	0	0
Hydrogeology Map of Australia	Commonwealth of Australia (Geoscience Australia)	08/10/2014	17/03/2000	As required	1000	1	1	1
Groundwater Boreholes	NSW Dept of Primary Industries - Office of Water / Water Administration Ministerial Corporation; Commonwealth of Australia (Bureau of Meteorology)	21/03/2016	01/12/2015	Annually	2000	0	0	250
Geological Units 1:100,000	NSW Department of Industry, Resources & Energy	20/08/2014		None planned	1000	1	-	4
Geological Structures 1:100,000	NSW Department of Industry, Resources & Energy	20/08/2014		None planned	1000	0	-	1
Naturally Occurring Asbestos Potential	NSW Department of Industry, Resources & Energy	04/12/2015	24/09/2015	Unknown	1000	0	0	0
Soil Landscapes	NSW Office of Environment and Heritage	12/08/2014		None planned	1000	1	-	4
Atlas of Australian Soils	CSIRO	19/05/2017	17/02/2011	As required	1000	1	2	3
Standard Local Environmental Plan Acid Sulfate Soils	NSW Planning and Environment	07/10/2016	07/10/2016	As required	500	0	-	-
Atlas of Australian Acid Sulfate Soils	CSIRO	19/01/2017	21/02/2013	As required	1000	1	1	2
Dryland Salinity - National Assessment	National Land and Water Resources Audit	18/07/2014	12/05/2013	None planned	1000	0	0	0
Dryland Salinity Potential of Western Sydney	NSW Office of Environment and Heritage	12/05/2017	01/01/2002	None planned	1000	-	-	-
Mining Subsidence Districts	Department Finance, Services & Innovation	13/07/2017	01/07/2017	As required	1000	0	0	0
SEPP 14 - Coastal Wetlands	NSW Planning and Environment	17/12/2015	24/10/2008	Annually	1000	0	0	0
SEPP 26 - Littoral Rainforest	NSW Planning and Environment	17/12/2015	05/02/1988	Annually	1000	0	0	0
SEPP 71 - Coastal Protection	NSW Planning and Environment	17/12/2015	01/08/2003	Annually	1000	0	0	0
SEPP Major Developments 2005	NSW Planning and Environment	09/03/2013	25/05/2005	Under Review	1000	1	1	1
SEPP Strategic Land Use Areas	NSW Planning and Environment	01/08/2017	28/01/2014	Annually	1000	0	0	0
LEP - Land Zoning	NSW Planning and Environment	23/09/2017	23/09/2017	Quarterly	1000	0	4	98
LEP - Minimum Subdivision Lot Size	NSW Planning and Environment	23/09/2017	23/09/2017	Quarterly	0	0	-	-
LEP - Height of Building	NSW Planning and Environment	23/09/2017	23/09/2017	Quarterly	0	0	-	-
LEP - Floor Space Ratio	NSW Planning and Environment	23/09/2017	23/09/2017	Quarterly	0	0	-	-
LEP - Land Application	NSW Planning and Environment	23/09/2017	23/09/2017	Quarterly	0	0	-	-
LEP - Land Reservation Acquisition	NSW Planning and Environment	23/09/2017	23/09/2017	Quarterly	0	0	-	-
State Heritage Items	NSW Office of Environment and Heritage	01/08/2017	27/05/2016	Quarterly	1000	0	1	13
Local Heritage Items	NSW Planning and Environment	23/09/2017	23/09/2017	Monthly	1000	0	3	218
Bush Fire Prone Land	NSW Rural Fire Service	24/09/2017	06/09/2017	Quarterly	1000	0	0	0
Native Vegetation of the Sydney Metropolitan Area	NSW Office of Environment and Heritage	01/03/2017	16/12/2016	As required	1000	0	1	1
RAMSAR Wetlands	Commonwealth of Australia Department of the Environment	08/10/2014	24/06/2011	As required	1000	0	0	0
NSW BioNet Species Sightings	NSW Office of Environment and Heritage	02/11/2017	02/11/2017	Daily	10000	-	-	-



# Aerial Imagery 2015

13-23 Gibbons Street, Redfern, NSW 2016

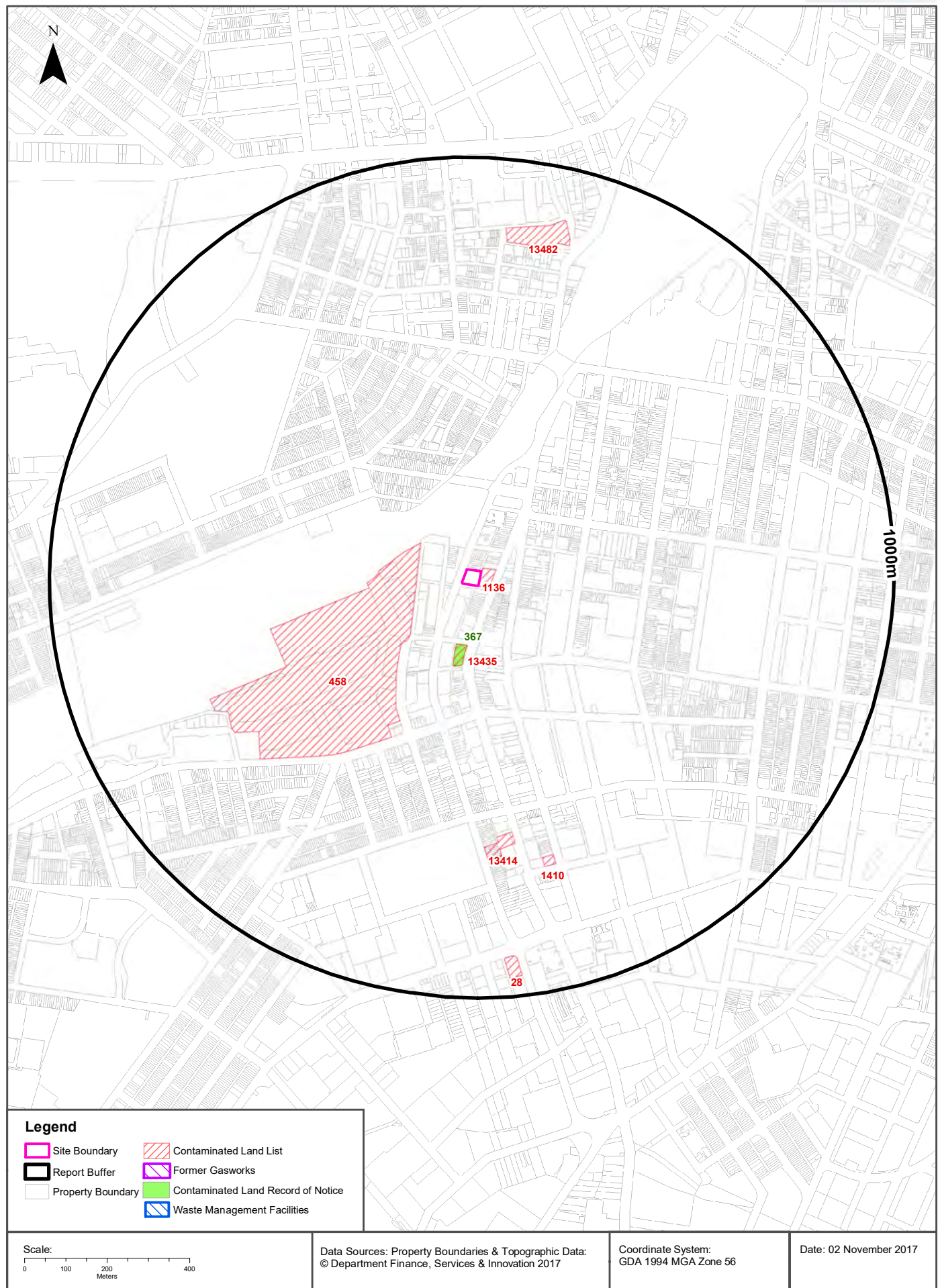


<p>Scale:</p>	<p>Data Sources: Aerial Imagery © 2017 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.</p>	<p>Coordinate System: GDA 1994 MGA Zone 56</p>	<p>Date: 31 October, 2017</p>
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# Contaminated Land & Waste Management Facilities

13-23 Gibbons Street, Redfern, NSW 2016





# Contaminated Land & Waste Management Facilities

13-23 Gibbons Street, Redfern, NSW 2016

## 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 (m)	Direction
1136	BP Service Station	116 Regent Street	Redfern	Service Station	Regulation under CLM Act not required	Current EPA List	Premise Match	0m	East
458	Australian Technology Park	Henderson Road	Eveleigh	Other Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	110m	South West
13435	Formerly Gas N Go Alexandria (fully redeveloped into residential apartment as of September 2016)	10-20 Botany ROAD	ALEXANDRIA	Service Station	Contamination currently regulated under CLM Act	Current EPA List	Premise Match	145m	South
13414	Alexandria Gardens	146-156 Wyndham St & 146-156 Botany Rd	ALEXANDRIA	Unclassified	Regulation under CLM Act not required	Current EPA List	Premise Match	603m	South
1410	Proposed Construction Site	2 John Street	Waterloo	Other Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	676m	South
13482	Fraser's Development	Wellington STREET	CHIPPENDALE	Unclassified	Under assessment	Current EPA List	Premise Match	799m	North
28	Caltex Alexandria Service Station	133 Wyndham St, cnr McEvoy Street	Alexandria	Service Station	Regulation under CLM Act not required	Current EPA List	Premise Match	902m	South

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).

EPA site management class	Explanation
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 & Waste Management Facilities

13-23 Gibbons Street, Redfern, NSW 2016

### Contaminated Land: Records of Notice

Record of Notices within the dataset buffer:

Map Id	Name	Address	Suburb	Notices	Area No	Location Confidence	Distance	Direction
367	Formerly Gas N Go Alexandria (fully redeveloped into residential apartments)	10-20 Botany Road	Alexandria	2 current	3401	Premise Match	145m	South

Contaminated Land Records of Notice Data Source: Environment Protection Authority  
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Terms of use and disclaimer for Contaminated Land: Record of Notices, please visit  
<http://www.epa.nsw.gov.au/clm/clmdisclaimer.htm>

### Former Gasworks

Former Gasworks within the dataset buffer:

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

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

### 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 (m)	Direction
N/A	No records in buffer											

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

## EPA PFAS Investigation Program

13-23 Gibbons Street, Redfern, NSW 2016

## EPA PFAS Investigation Program

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

<b>Id</b>	<b>Site</b>	<b>Address</b>	<b>Location Confidence</b>	<b>Distance</b>	<b>Direction</b>
N/A	No records in buffer				

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

## EPA Other Sites with Contamination Issues

13-23 Gibbons Street, Redfern, NSW 2016

### 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

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  
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# Current EPA Licensed Activities

13-23 Gibbons Street, Redfern, NSW 2016





## EPA Activities

13-23 Gibbons Street, Redfern, NSW 2016

## Licensed Activities under the POEO Act 1997

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

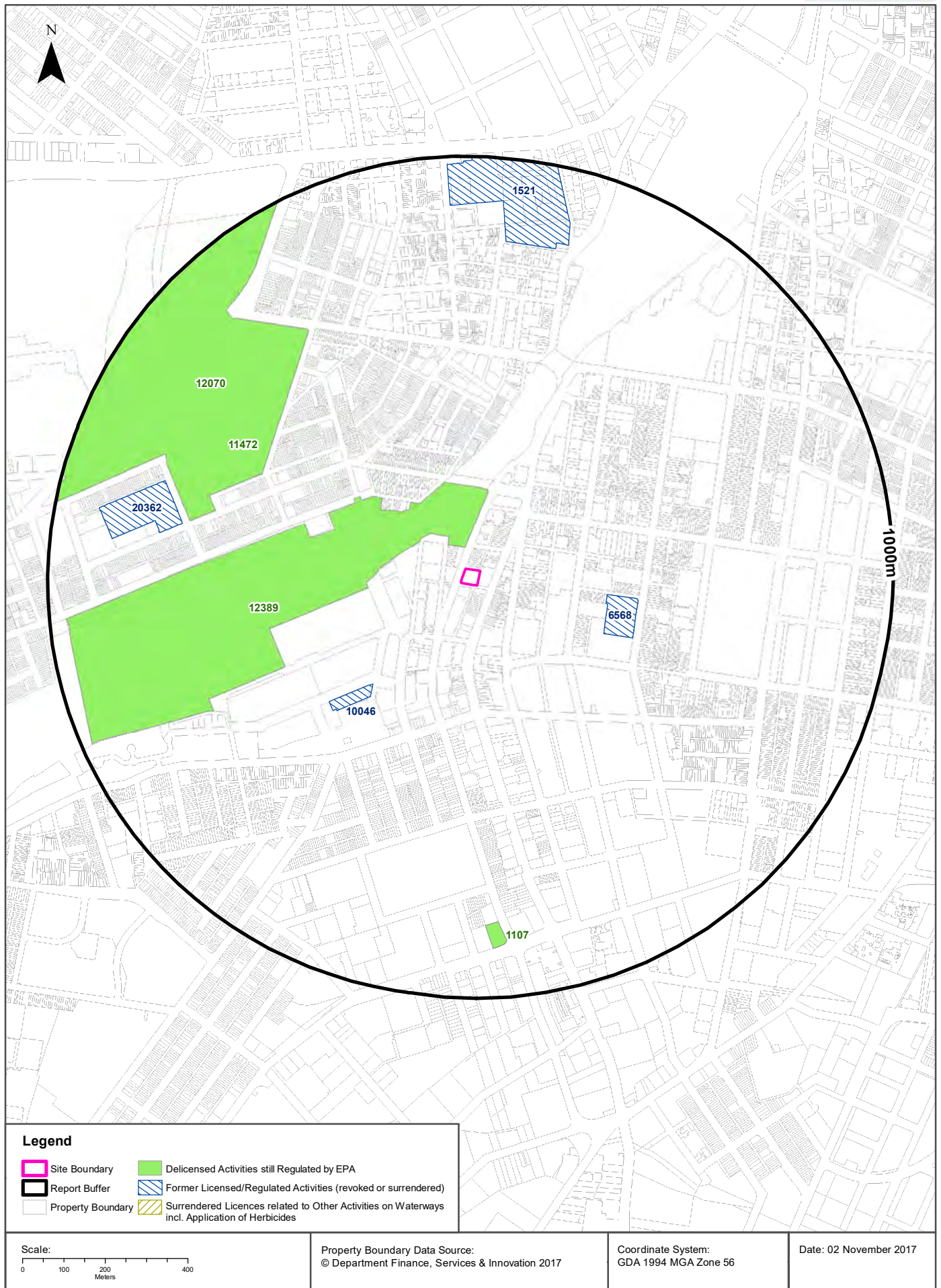
EPL	Organisation	Name	Address	Suburb	Activity	Loc Conf	Distance	Direction
12208	SYDNEY TRAINS		PO BOX K349, HAYMARKET, NSW 1238		Railway systems activities	3	0m	Onsite
20768	ENWAVE CENTRAL PARK PTY LTD		3 CENTRAL PARK AVENUE, CHIPPENDALE, NSW 2008		Generation of electrical power from gas	1	887m	North

POEO Licence Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

# Delicensed & Former Licensed EPA Activities

13-23 Gibbons Street, Redfern, NSW 2016



## EPA Activities

13-23 Gibbons Street, Redfern, NSW 2016

## 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
12389	RAIL CORPORATION NEW SOUTH WALES	Xplorer Service Centre	Henderson Road (off)	EVELEIGH	Hazardous, Industrial or Group A Waste Generation or Storage	1	51m	West
12070	THE UNIVERSITY OF SYDNEY	The University of Sydney	Camperdown & Darlington Campuses	SYDNEY UNIVERSITY	Hazardous, Industrial or Group A Waste Generation or Storage	1	544m	North West
11472	INTEC LTD	INTEC LTD	Room 427, Building J01, Maze Crescent, the University of Sydney	DARLINGTON	Hazardous, Industrial or Group A Waste Generation or Storage	1	627m	North West
1107	METROMIX PTY. LIMITED	ABLE ALEXANDRIA	131 WYNDHAM STREET	ALEXANDRIA	Concrete works	1	814m	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
6568	SYDNEY SOUTH WEST AREA HEALTH SERVICE	150 PITT ST, REDFERN, NSW 2016	Surrendered	04/08/2000	Hazardous, Industrial or Group A Waste Generation or Storage	1	313m	East
10046	JOHNSON & JOHNSON RESEARCH PTY LTD	1 CENTRAL AVENUE, EVELEIGH, NSW 1430	Surrendered	25/11/1999	Hazardous, Industrial or Group A Waste Generation or Storage	1	325m	South West
20362	JOHN HOLLAND PTY LTD	University of Sydney Darlington Campus, Corner Codrington and Abercrombie Streets, DARLINGTON	Surrendered	20/01/2014	Land-based extractive activity	1	689m	West
1521	CARLTON & UNITED BREWERIES (NSW) PTY LTD	26-98 BROADWAY, SYDNEY, NSW 2000	Surrendered	24/03/2000	Brewing and distilling, Hazardous, Industrial or Group A Waste Generation or Storage	1	799m	North

Former Licensed Activities Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority



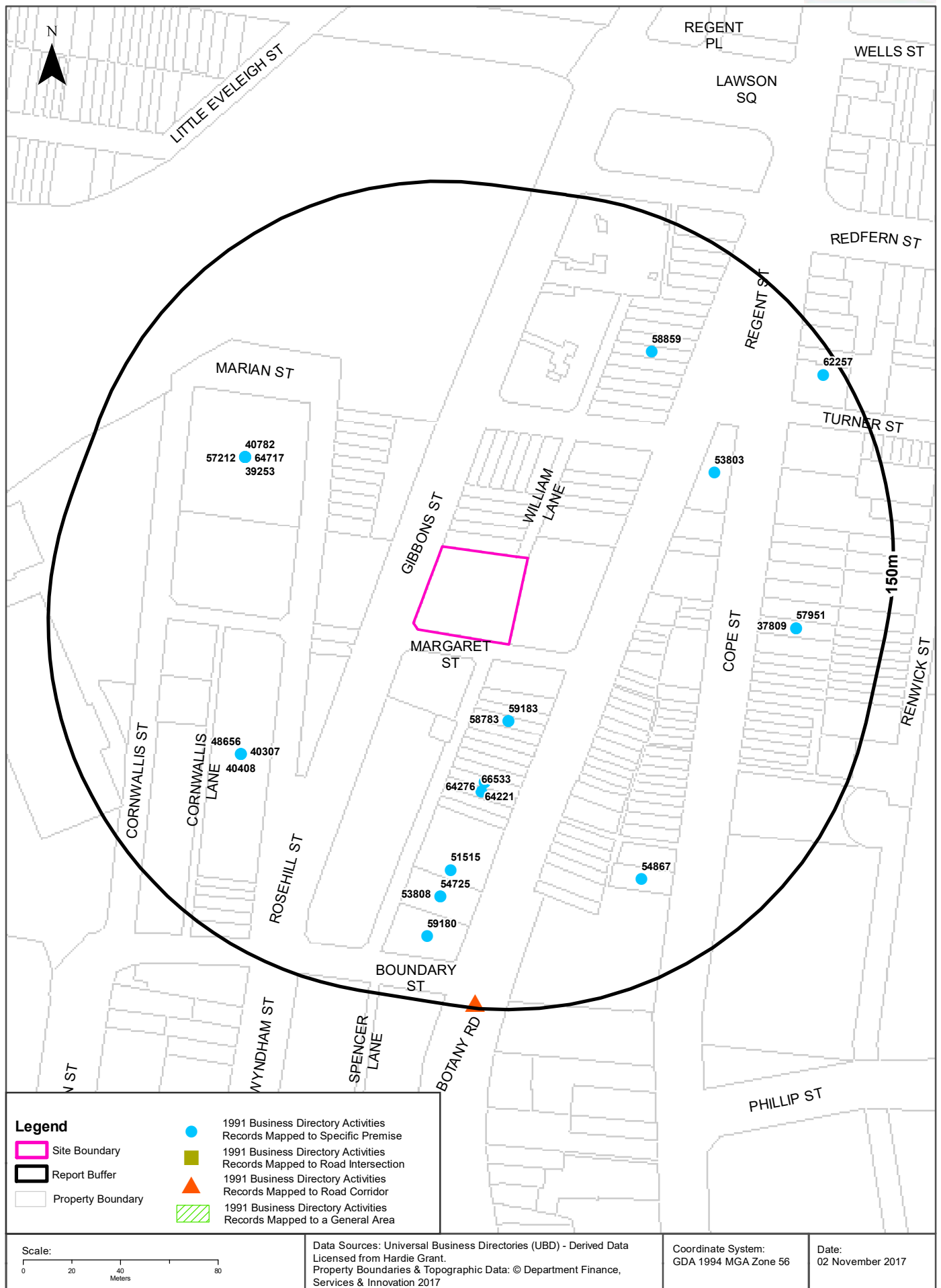
# UPSS Sensitive Zones

13-23 Gibbons Street, Redfern, NSW 2016



# 1991 Historical Business Directory Records

13-23 Gibbons Street, Redfern, NSW 2016



## Historical Business Directories

13-23 Gibbons Street, Redfern, NSW 2016

### 1991 Business to Business Directory Records Premise or Road Intersection Matches

Records from the 1991 UBD Business to Business Directory, mapped to a premise or road intersection, within the dataset buffer:

Business Activity	Organisation	Address	Ref No.	Location Confidence	Distance to Feature Point	Direction
Printers General	Kays General Printers Pty. Ltd.	124 Regent St Redfern 2016	58783	Premise Match	32m	South
Printers Lithographic (Offset)	Kays General Printers Pty. Ltd.,	124 Regent St., Redfern. 2016. Ph 319 5841	59183	Premise Match	32m	South
Tile Floor &/or Wall Mfrs &/or Imps &/or Merchants	Life Dragon Tiling Co	136 Regent St Redfern 2016	64221	Premise Match	57m	South
Tile Layers Floor &/or Wall	Life Dragon Tiling Co	136 Regent St Redfern 2016	64276	Premise Match	57m	South
Yarn Mfrs &/or Imps	Regent Knitwear	138 Regent St Redfern 2016	66533	Premise Match	62m	South
Motor Garages & Service Stations	Redfern Service Station	131 Regent St., Redfern	53803	Premise Match	84m	North East
Photographers Commercial &/or Industrial	Auscape International Pty. Ltd.	1 Marian St Redfern 2016	57212	Premise Match	89m	North West
Clothing Mfrs &/or W/salers General	Corfu Jeans Pty. Ltd.,	Suite G06. The Watertower, Rosehill St, Redfern. 2016	39253	Premise Match	89m	North West
Convention Management &/or Organisation	D.P. Education (Seminars) Pty. Ltd.,	1 Marian St., Redfern 2016	40782	Premise Match	89m	North West
Tour Organisers	White Heron Holidays Pty Ltd	Unit G07 The Watertower 1 Marian St Redfern 2016	64717	Premise Match	89m	North West
Customs & Tariff Concession Consultants	Williams Wright	602/1 Marian St, Redfern 2016	41114	Premise Match	89m	North West
Customs Agents	Williams Wright	602/1 Marian St., Redfern. 2016	41199	Premise Match	89m	North West
Computer Software	Financial Network Service Pty. Ltd.,	Unit 6/70 Rosehill St., Redfern 2016	40307	Premise Match	89m	South West
Computer Systems	Financial Network Service Pty. Ltd.,	Unit 6/70 Rosehill St., Redfern 2016	40408	Premise Match	89m	South West
Hot Water Systems &/or Fittings Mfrs &/or Dists	International Gas Corporation Pty Limited	70 Rosehill St Redfern 2016	48656	Premise Match	89m	South West
Medical Equipment &/or Repairs	Medical Industries Australia Pty Ltd	148 Regent St Redfern 2016	51515	Premise Match	95m	South
Printers General	Regent Instant & Commercial Printing Pty Ltd	78 Regent St Redfern 2016	58859	Premise Match	99m	North East
Motor Panel Beaters &/or Spray Painters	Regent Auto Repairs	156 Regent St, Redfern 2016	54725	Premise Match	107m	South
Motor Garages & Service Stations	Regent Auto Repairs	156 Regent St., Redfern	53808	Premise Match	107m	South
Motor Panel Beaters &/or Spray Painters	Town Auto Repairs Pty Ltd	60 Cope St Redfern 2016	54867	Premise Match	111m	South East
Plastic Goods Mfrs &/or Imps &/or Dists	S.L. Fashion Accessories	51 Cope St Redfern 2016	57951	Premise Match	114m	East
Button &/or Buckle Mfrs &/or W/salers	S.L. Fashion Accessories,	51 Cope St. Redfern. 2016	37809	Premise Match	114m	East
Printers Lithographic (Offset)	Johnson, Geoffrey & Associates,	2 Boundary St., Redfern. 2016. Ph: 319 4048	59180	Premise Match	124m	South
Shipping Companies & Agents	ABC Container Line Agency	13 Cope St Redfern 2015	62257	Premise Match	143m	North East

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant



## 1991 Business to Business Directory Records Road or Area Matches

Records from the 1991 UBD Business to Business Directory, 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:

Business Activity	Organisation	Address	Ref No.	Location Confidence	Distance to Road Corridor or Area
Guillotine Blade &/or Shear Mfrs &/or Dists	Stationery Wholesalers (Trading Stationery Wholesalers)	Botany Rd Alexandria 2015	48062	Road Match	146m

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

# 1986 Historical Business Directory Records

13-23 Gibbons Street, Redfern, NSW 2016



## Historical Business Directories

13-23 Gibbons Street, Redfern, NSW 2016

### 1986 Business to Business Directory Records Premise or Road Intersection Matches

Records from the 1986 UBD Business to Business Directory, mapped to a premise or road intersection, within the dataset buffer:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
AIR COMPRESSOR MFRS. &/OR IMPS. &/OR DISTS.	Pneumatic Tool & Engineering Co. Pty. Ltd. 4-12 Margaret St., Redfern.	1933	Premise Match	0m	Onsite
PNEUMATIC TOOL SPARE PARTS.	Pneumatic Tool & Engineering Co. Pty. Ltd. 4-12 Margaret Street, Redfern.	75326	Premise Match	0m	Onsite
ENGINEERS – GENERAL &/ OR MANUFACTURING &/ OR MECHANICAL.	Pneumatic Tool & Engineering Co. Pty. Ltd., 4 Margaret St., Redfern.	30254	Premise Match	0m	Onsite
AIR COMPRESSOR MFRS. &/OR IMPS. &/OR DISTS.	Pneumatic Tool & Engineering Co. Pty. Ltd., 4 Margaret St., Redfern.	1988	Premise Match	0m	Onsite
MOTOR ACCESSORIES – RETAIL .	Jay P. Plastics, 104 Regent St., Redfern.	61058	Premise Match	15m	East
MOTOR GARAGES & SERVICE STATIONS.	BP Eveleigh Service Station, 118 Regent St., Redfern.	64138	Premise Match	16m	South East
MOTOR SPARE PARTS MFRS. &/OR IMPS. &/OR W/SALERS.	Burling, N. C. Co. 104 Regent St., Redfern.	67558	Premise Match	19m	North East
MOTOR ACCESSORIES MFRS. &/OR IMPS. &/OR W/SALERS.	Jay P. Plastics, 104 Regent St., Redfern.	60788	Premise Match	19m	North East
MOTOR SPARE PARTS MFRS. &/OR IMPS. &/OR W/SALERS.	Panjay Trading Co. Pty. Ltd., 104 Regent St., Redfern.	67626	Premise Match	19m	North East
MOTOR SPARE PARTS MFRS. &/OR IMPS. &/OR W/SALERS.	Shalimar Motor Supplies Pty. Ltd., 102 Regent St., Redfern.	67641	Premise Match	22m	North East
MOTOR SPARE PARTS DEALERS RETAIL	Shalimar Motor Supplies Pty. Ltd., 102 Regent St., Redfern.	67480	Premise Match	22m	North East
MOTOR ACCESSORIES – RETAIL .	Shalimar Motor Supplies Pty. Ltd., 102 Regent St., Redfern.	61183	Premise Match	22m	North East
MOTOR TRIMMERS.	Shalimar Motor Supplies Pty. Ltd., 102 Regent' St., Redfern.	68257	Premise Match	22m	North East
BELT MFRS.-LADIES &/OR GENTS.	J. & K. Belts, 120 Regent St., Redfern.	5926	Premise Match	23m	South East
PRINTERS - LETTERPRESS.	Kays General Printers, 124 Regent St., Redfern.	76233	Premise Match	32m	South
PRINTERS - LITHOGRAPHIC.	Kays General Printers, 124 Regent St., Redfern.	76711	Premise Match	32m	South
REAL ESTATE AGENTS.	Hooker, L. J. Redfern, 92 Regent St., Redfern.	79677	Premise Match	44m	North East
DRY CLEANERS & PRESSERS.	Palms Dry Cleaners, The, 130 Regent St., Redfern.	25471	Premise Match	44m	South
KOALA BEAR TOY MFRS. &/OR DISTS.	Lina Products Pty, Ltd., 132 Regent St., Redfern.	50689	Premise Match	49m	South
MEDICAL PRACTITIONERS.	Alexander M., 90 Regent St., Redfern.	53404	Premise Match	52m	North East
MEDICAL PRACTITIONERS.	Cleary M., 90 Regent St., Redfern.	54205	Premise Match	52m	North East
MEDICAL PRACTITIONERS.	Eggins, B., 90 Regent St., Redfern.	54685	Premise Match	52m	North East
MEDICAL PRACTITIONERS.	Lowy, A., 90 Regent St., Redfern.	56169	Premise Match	52m	North East
MEDICAL PRACTITIONERS.	Marsden, H., 90 Regent St., Redfern.	56397	Premise Match	52m	North East
MEDICAL PRACTITIONERS.	Pincks, R., 90 Regent Stâ Redfern.	56977	Premise Match	52m	North East
MEDICAL PRACTITIONERS.	Reid, R., 90 Regent St., Redfern.	57169	Premise Match	52m	North East

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
MEDICAL PRACTITIONERS.	Sekel, A., 90 Regent St., Redfern.	57468	Premise Match	52m	North East
REAL ESTATE AGENTS.	Hooker, L. J. (Redfern), 159 Regent St., Redfern.	79598	Premise Match	55m	South East
DENTISTS.	Tighe, N. B., 163 Regent Stâ Redfern.	23448	Premise Match	56m	South East
VIDEO RECORDER &/OR CASSETTE SALES &/OR HIRE &/OR SERVICE.	Video Alfallah, 161 Regent St., Redfern.	97784	Premise Match	56m	South East
HAIRDRESSERS-LADIES &/OR BEAUTY SALONS.	Ludwlgs Coiffure, 165 Regent St., Redfern.	42686	Premise Match	57m	South East
CLOTHING MFRS. &/OR W/SALERS.-KNITTED GOODS.	Klein, J., 138 Regent St., Redfern.	15870	Premise Match	62m	South
BUILDERS SUPPLIERS.	Mason & Fletcher Pty. Ltd., 139 Regent St., Redfern.	8690	Premise Match	65m	East
HARDWARE MERCHANTS RETAIL.	Mason & Fletcher Pty. Ltd., 139 Regent St., Redfern.	44676	Premise Match	65m	East
LAWNMOWER SALES &/OR SERVICE.	Mason & Fletcher Pty. Ltd., 139 Regent St., Redfern.	51403	Premise Match	65m	East
PAINT, VARNISH, OILS &/OR COLOUR MERCHANTS.	Mason & Fletcher Pty. Ltd., 139 Regent St., Redfern.	71770	Premise Match	65m	East
TOOL DEALERS - RETAIL.	Mason & Fletcher Pty. Ltd., 139 Regent St., Redfern.	93847	Premise Match	65m	East
ROOFING MATERIAL MFRS. &/OR DIST.	Mason & Fletcher Pty. Ltd., 139 Regent St., Redfern.	83689	Premise Match	65m	East
TAILORS - LADIES &/OR MENS.	Style, S., 137 Regent St., Redfern.	90325	Premise Match	67m	East
CLOTHING MFRS. &/OR W/SALERS.-LADIES FROCKS &/OR SUITS.	G. & C. Styles, 135 Regent Stâ Redfern.	15968	Premise Match	69m	East
MOTOR GARAGES & SERVICE STATIONS.	Esso Redfern Service Station, 10 Cope St., Redfern.	64657	Premise Match	71m	East
ACCOUNTANTS & AUDITORS.	Gold, J. C., 14 Cope St., Redfern.	506	Premise Match	71m	East
MOTOR GARAGES & SERVICE STATIONS.	Redfern Service Station, 133 Regent St., Redfern.	65329	Premise Match	72m	East
DISPLAY FITTINGS & STANDS MFRS. &/OR DIST. &/OR SUPPLIERS.	Australian Slatwall Industries Pty. Ltd., 24 Cope St., Redfern.	24276	Premise Match	72m	South East
SHOP &/OR OFFICE FITTINGS MFRS. &/OR DIST.	Australian Slatwall Industries Pty. Ltd., 24 Cope St., Redfern.	86575	Premise Match	72m	South East
STORE &/OR PACKING ROOM EQUIPMENT MFRS. &/OR DIST.	Australian Slatwall Industries Pty. Ltd., 24 Cope St., Redfern.	89617	Premise Match	72m	South East
MEDICAL PRACTITIONERS.	Bartipan, Mel M., 88 Regent St., Redfern.	53601	Premise Match	73m	North East
CAFES, MILK BARS &/OR SNACK BARS.	Red Lion Cafe, 86 Regent St., Redfern.	11375	Premise Match	78m	North East
FURNITURE DEALERS-SECONDHAND.	Harrys Bazaar, 146 Regent St., Redfern,	37010	Premise Match	80m	South
RESTAURANTS.	Rhodes Restaurant, 84 Regent St., Redfern.	82714	Premise Match	83m	North East
BOOT &/OR SHOE REPAIRERS.	Fourtounis, D., 187 Regent St., Redfern.	7373	Premise Match	88m	South East
COMPUTER BUREAU & TIME SHARING SERVICES.	Compitemp, 1 Marian St, Redfern.	19241	Premise Match	89m	North West
ARCHITECTS.	Resdev Pty. Ltd., 1 Marian St., Redfern.	3589	Premise Match	89m	North West
PROPERTY DEVELOPERS.	Resdev Pty. Ltd., 1 Marian St., Redfern.	77382	Premise Match	89m	North West
CLOTHING MFRS. &/OR W/SALERS.-LADIES FROCKS &/OR SUITS.	Fourtounis, D., 189 Regent St., Redfern,	15964	Premise Match	92m	South
SECONDHAND DEALERS.	Flentzeris, B., 80 Regent St., Redfern.	85398	Premise Match	94m	North East
FURNITURE DEALERS-SECONDHAND.	Redfern Second Hand Furniture, 80 Regent St., Redfern.	37026	Premise Match	94m	North East
AUTOMATIC SLOT MACHINES MFRS. &/OR DIST.	B.C. Amusement Machines Pty. Ltd., 15 Cornwallis St., Redfern.	4776	Premise Match	95m	West

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
VENDING MACHINE MFRS. &/OR DIST.	Breakmate N.S.W. Pty. Ltd., 15 Cornwallis St., Redfern.	97099	Premise Match	95m	West
PACKING & PACKAGING MATERIALS MFRS. &/OR SUPPLIERS.	Kwik Lok Australia, 15 Cornwallis St., Redfern.	71415	Premise Match	95m	West
PRINTERS - LITHOGRAPHIC.	Printstant, 78 Regent St., Redfern.	76839	Premise Match	99m	North East
HARDWARE MERCHANTS RETAIL.	South Sydney Discount Hardware, 193 Regent St., Redfern.	44763	Premise Match	101m	South
HARDWARE MERCHANTS RETAIL.	South Sydney Hardware, 193 Regent St., Redfern.	44764	Premise Match	101m	South
WINE &/OR SPIRIT MERCHANTS RETAIL.	Glencastle, 76 Regent St., Redfern.	99311	Premise Match	104m	North East
MOTOR CYCLE WRECKERS.	Forcyle Engineering Pty. Ltd., 56 Cope St., Redfern.	62754	Premise Match	104m	South East
MOTOR-CYCLE SALES &/OR SERVICE.	Fore* Engineering Pty. Ltd., 56 Cope St., Redfern.	62705	Premise Match	104m	South East
MOTOR PANEL BEATERS &/OR SPRAY PAINTERS.	Regent Auto Repairs, 156 Regent St., Redfern.	66682	Premise Match	110m	South
MOTOR GARAGES & SERVICE STATIONS.	Town Auto Repairs Pty Ltd., 60 Cope St., Redfern.	65637	Premise Match	110m	South East
MOTOR BODY BUILDERS.	Town Auto Repairs Pty. Ltd., 60 Cope St., Redfern.	61326	Premise Match	110m	South East
MOTOR BODY BUILDERS.	Town Auto Repairs Pty. Ltd., 60 Cope St., Redfern.	61441	Premise Match	110m	South East
MOTOR PANEL BEATERS &/OR SPRAY PAINTERS.	Town Auto Repairs Pty. Ltd., 60 Cope St., Redfern.	66838	Premise Match	110m	South East
SPRAYERS - INDUSTRIAL.	Town Auto Repairs Pty. Ltd., 60 Cope St., Redfern.	87743	Premise Match	110m	South East
PLASTIC GOODS MFRS. &/OR DIST.	S.L. Fashion Accessories, 51 Cope St., Redfern.	74499	Premise Match	114m	East
BUTTON &/OR BUCKLE MFRS. &/OR W/SALERS.	S.L. Fashion Accessories, 51 Cope St., Redfern.	10975	Premise Match	114m	East
ELECTRICAL SUPPLIES &/OR APPLIANCES-RETAIL.	Aye-Gees Buiding Supplies, 35 Cope St., Redfern. .	27370	Premise Match	116m	East
RANGES - GAS -MFRS, &/OR IMPS, &/OR DIST.	Aye-Gees Building Supplies, 35 Cope St., Redfern.	78998	Premise Match	116m	East
PLUMBERS SUPPLIES.	Aye-Gees Bulding Supplies, 35 Cope St, Redfern.	75061	Premise Match	116m	East
BUILDERS SUPPLIERS.	Aye-Gees Bulding Supplies, 35 Cope St., Redfern.	8472	Premise Match	116m	East
HOT WATER SYSTEMS-ELECTRIC MFRS. &/OR DIST.	Aye-Gees Bulding Supplies, 35 Cops St., Redfern.	46328	Premise Match	116m	East
HOT WATER SYSTEMS-GAS MFRS. &/OR DIST.	Aye-Gees Bulling Supplies, 35 Cope St., Redfern.	46361	Premise Match	116m	East
FOOTWEAR RETAILERS.	Athenian, 70 Regent St., Redfern.	34605	Premise Match	119m	North East
CLUBS &/OR SPORTING BODIES.	Redfern Greek Club, 70 Regent St., Redfern.	18974	Premise Match	119m	North East
ADHESIVES-TAPE MFRS. &/OR DIST.	Australian Flexible Industries, 158 Regent St., Redfern.	1380	Premise Match	123m	South
PLASTIC BAG MFRS. &/OR DIST.	Australian Flexible Industries, 158 Regent St., Redfern.	74111	Premise Match	123m	South
PACKING & PACKAGING MATERIALS MFRS. &/OR SUPPLIERS.	Australian Flexible Industries, 158 Regent St., Redfernâ	71387	Premise Match	123m	South
RIBBON MFRS. &/OR DIST.	Anchor Importing Co. Pty. Ltd., 66 Cope St., Redfern.	83202	Premise Match	127m	South East
SLIDE FASTENER MFRS. &/OR W/SALERS.	Bowmer, Robert C. Pty. Ltd., 66 Cope St., Redfern.	87013	Premise Match	127m	South East
TOBACCO MERCHANTS - WSALE.	Cahill, J. H. Pty. Ltd., 64 Regent St., Redfern.	93698	Premise Match	137m	North East
MANUFACTURERS AGENTS.	Cahill, J. H. Pty. Ltd., 64 Regent St., Redfern.	52514	Premise Match	137m	North East
TOBACCONISTS - RETAIL.	Cahill, J. H., 64 Regent St., Redfern.	93718	Premise Match	137m	North East
SHIPPING COMPANIES &/OR OWNERS.	ABC Container Line Agency, 13 Cope St., Redfern.	86322	Premise Match	143m	North East
MANAGEMENT CONSULTANTS.	Professional Consulting Services, 13 Cope St., Redfern.	52323	Premise Match	143m	North East



Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
FREIGHT FORWARDERS.	Rudders Ltd., 13 Cope St., Redfern.	35459	Premise Match	143m	North East
CUSTOMS AGENTS.	Rudders Ltd., 13 Cope St., Redfern.	21022	Premise Match	143m	North East
CUSTOMS-TARIFF CONCESSION CONSULTANTS.	Rudders Ltd., 13 Cope St., Redfern.	21063	Premise Match	143m	North East
CARRIERS &/OR CARTAGE CONTRACTORS.	Rudders Ltd., 13 Cope St., Redfern.	12985	Premise Match	143m	North East

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## 1986 Business to Business Directory Records Road or Area Matches

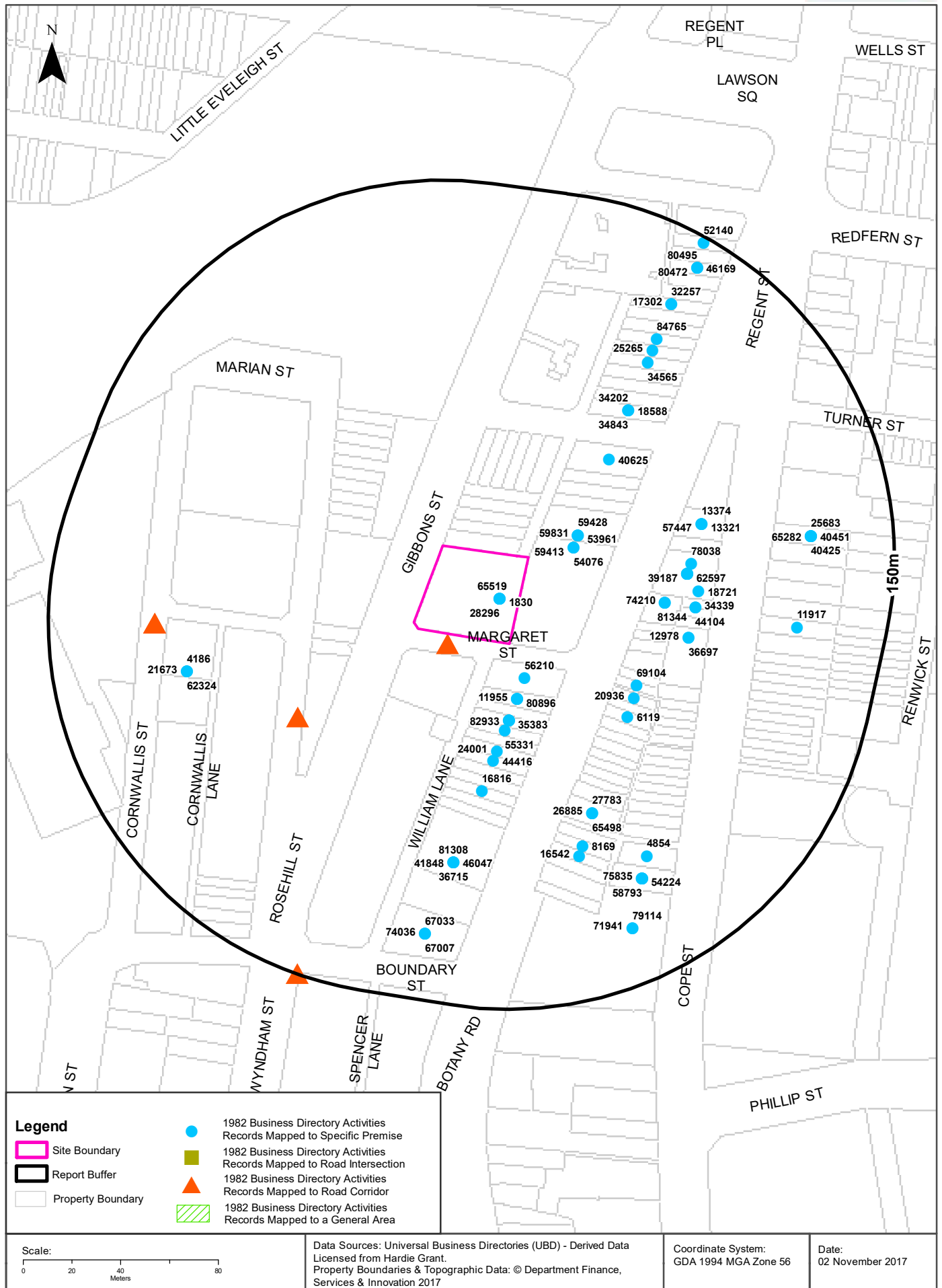
Records from the 1986 UBD Business to Business Directory, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
ROLLER SKATING RINKS.	Redfern Roller Rink, Margaret St., Redfern.	83569	Road Match	0m
KNIFE SUPPLIER.	Victoria Knitting Mills, Margaret St., Redfern.	50673	Road Match	0m
CLOTHING MFRS. &/OR W/SALERS.-MENS &/OR BOYS WEAR.	Kelly Country, Showroom Rosehill St., Redfern.	16171	Road Match	41m
CLOTHING MFRS. &/OR W/SALERS.-SPORTSWEAR.	Kelly Country, Showroom Rosehill St., Redfern.	16349	Road Match	41m
COMPUTER-SOFTWARE.	P.C. Extras Pty. Ltd. Incorp. in N.S.W., The Water Tower, Rosehill St Redfern Hill,	19666	Road Match	41m
BUILDERS EQUIPMENT HIRES.	Cy Hire, Turner St., Redfern.	8322	Road Match	120m
HIRING SERVICES.	Cy Hire, Turner St., Redfern.	45762	Road Match	120m
IMPORTERS.	Premier Luggage Pty. Ltd., Wyndham St., Alexandria.	47848	Road Match	149m
TRAVEL GOODS - MFRS. &/OR 'DISTS.	Premier Luggage Pty. Ltd., Wyndham St., Alexandria.	95798	Road Match	149m
MOTOR GARAGE EQUIPMENT &/OR TOOL MFRS. &/OR DISTS.	Wyndham Service Centre, Wyndham St., Alexandria.	63819	Road Match	149m
MOTOR GARAGES & SERVICE STATIONS.	Wyndham Service Centre, Wyndham St., Alexandria.	65733	Road Match	149m

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# 1982 Historical Business Directory Records

13-23 Gibbons Street, Redfern, NSW 2016



## Historical Business Directories

### 13-23 Gibbons Street, Redfern, NSW 2016

### 1982 Business Directory Records Premise or Road Intersection Matches

Records from the 1982 UBD Business Directory, mapped to a premise or road intersection, within the dataset buffer:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
AIR COMPRESSOR MFRS.&/OR DIST. (A3330)	Pneumatic Tool & Engineering Co. Pty. Ltd., 4 Margaret St, Redfern. 2016.	1830	Premise Match	0m	Onsite
ENGINEERS-GENERAL &/OR MANUFACTURING &/OR MECHANICAL. (E7140)	Pneumatic Tool & Engineering Co. Pty. Ltd., 4 Margaret St, Redfern. 2016.	28296	Premise Match	0m	Onsite
PNEUMATIC TOOLS MFRS. &/OR DIST. (P6920)	Pneumatic Tool & Engineering Co. Pty. Ltd., 4 Margaret St., Redfern. 2016.	65519	Premise Match	0m	Onsite
PNEUMATIC TOOL SPARE PARTS. * (P6905)	PNEUMATIC TOOL & ENGINEERING CO. PTY.LTD. 4-12 Margaret Street, Redfern. 2016.	65494	Premise Match	0m	Onsite
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	BP Eveleigh Service Station, 118 Regent St Redfern. 2016.	56210	Premise Match	16m	South East
MOTOR ACCESSORIES &/OR SPARE PARTS - MFRS. &/OR W/SALERS. (M4780)	J.P. Plastics, 104 Regent St., Redfern. 2016.	54076	Premise Match	19m	North East
MOTOR SPARE PARTS MFRS. &/OR W/SALERS. (M7860)	Panjay Trading Co. Pty. Ltd., 104 Regent St., Redfern, 2016.	59413	Premise Match	19m	North East
MOTOR SPARE PARTS MFRS. &/OR W/SALERS. (M7860)	Shaiimar Motor Supplies Pty. Ltd., 102 Regent St., Redfern. 2016.	59428	Premise Match	22m	North East
MOTOR TRIMMERS. (M8260)	Shalimar Motor Supplies Pty. Ltd., 102 Regent St., Redfern. 2016.	59831	Premise Match	22m	North East
MOTOR SPARE PARTS DEALERS -RETAIL. (M7840)	Shalimar Motor Supplies Pty. Ltd., 102 Regent St., Redfern. 2016.	59278	Premise Match	22m	North East
MOTOR ACCESSORIES DEALERS. (M4690)	Shalimar Motor Supplies Pty. Ltd., 102 Regent St., Redfern. 2016.	53961	Premise Match	22m	North East
BUTTON &/OR BUCKLE MFRS.&/OR W/SALERS. (B8260)	S L. Fashion Accessories, 120 Regent St., Redfern. 2016.	11955	Premise Match	23m	South East
PLASTIC GOODS MFRS. (P5860)	S.L. Fashion Accessories, 120 Regent St., Redfern. 2016.	64757	Premise Match	23m	South East
TOOLMAKERS. (T5575)	S.L. Plas-Tool Co., 120 Regent St., Redfern. 2016.	80896	Premise Match	23m	South East
DIE & PRESS TOOL MAKERS. (D3050)	S.L. Plas-Tool Co., 120 Regent St., Redfern. 2016.	21467	Premise Match	23m	South East
OFFICE FURNITURE REPAIRERS. * (O0610)	OFFICE SUPPLIES & REPAIRS PTY. LTD. 124 Regent Street, Redfern. 2016.	61402	Premise Match	32m	South
FURNITURE - OFFICE - RETAIL. (F8805)	Office Supplies & Repairs Pty. Ltd., 124 Regent St, Redfern. 2016.	35383	Premise Match	32m	South
OFFICE MACHINE REPAIRERS. (O0650)	Office Supplies & Repairs Pty. Ltd., 124 Regent St., Redfern. 2016.	61407	Premise Match	32m	South
UPHOLSTERERS. (U0450)	Young, N. C., 124 Regent St., Redfern. 2016.	82933	Premise Match	32m	South
MOTOR CYCLE SALES &/ORSERVICE. (M6380)	Forcycle Engineering, 126 Regent St., Redfern. 2016	55331	Premise Match	36m	South
DRY CLEANERS & PRESSERS. (D8500)	Palms Dry Cleaners, The, 130 Regent St., Redfern. 2016.	24001	Premise Match	44m	South
KOALA BEAR TOY MFRS. &/OR DIST. (K1000)	Lina Products Pty. Ltd., 132 Regent St., Redfern. 2016.	44416	Premise Match	49m	South
HOTELS - LICENSED. (H7150)	Bunnerong Hotel, 90 Regent St., Redfern. 2016,	40625	Premise Match	52m	North East

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
REAL ESTATE AGENTS. (R2555)	Hooker, L. J. (Redfern), 159 Regent St., Redfern. 2016.	69104	Premise Match	55m	South East
DENTISTS. (D1800)	Tighe, N. B., 161 Regent St., Redfern. 2016.	20936	Premise Match	56m	South East
BEAUTY SALONS &/OR LADIES HAIRDRESSERS. (B2000)	Ludwigs Coiffure, 165 Regent St., Redfern. 2016.	6119	Premise Match	57m	South East
KOALA BEAR TOY MFRS. &/OR DIST. (K1000)	Twin Kangaroo Pty. Ltd., 143 Regent St., Redfern. 2016.	44421	Premise Match	59m	East
TOY MFRS. &/OR DIST. (T6250)	Twin Kangaroo Pty. Ltd., 143 Regent St., Redfern. 2016.	81344	Premise Match	59m	East
SHEEPSKIN PRODUCTS MFRS.&/OR DIST. (S2565)	Twin Kangaroo Pty. Ltd., 143 Regent St., Redfern. 2016.	74210	Premise Match	59m	East
CLOTHING - KNITTED GOODS MFRS. &/OR W/SALERS. (C5169)	Klein, J., 138 Regent St., Redfern. 2016.	16816	Premise Match	62m	South
PAINT, VARNISH, OILS &/OR COLOUR MERCHANTS. (P0800)	Mason & Fletcher Pty. Ltd, 139 Regent St., Redfern. 2016.	62597	Premise Match	65m	East
TOOL DEALERS - RETAIL. (T5350)	Mason & Fletcher Pty. Ltd., 139 Regent St., Redfern 2016	80598	Premise Match	65m	East
BUILDERS SUPPLIERS. (B7060)	Mason & Fletcher Pty. Ltd., 139 Regent St., Redfern, 2016.	9840	Premise Match	65m	East
HARDWARE MERCHANTS - RETAIL (H2050)	Mason & Fletcher Pty. Ltd., 139 Regent St., Redfern. 2016.	39187	Premise Match	65m	East
LAWN MOWER SALES &/OR.SERVICE. (L2600)	Mason & Fletcher Pty. Ltd., 139 Regent St., Redfern. 2016.	45039	Premise Match	65m	East
ROOFING MATERIAL MFRS. &/OR DIST. (R6580)	Mason & Fletcher Pty. Ltd., 139 Regent St., Redfern. 2016.	72405	Premise Match	65m	East
HARDWARE MERCHANTS - RETAIL (H2050)	Mason & Fletcher, 139 Regent St., Redfern. 2016.	39188	Premise Match	65m	East
TAILORS - LADIES &/OR GENTS.(T0075)	Style, S., 137 Regent St., Redfern. 2016.	78038	Premise Match	67m	East
FURNITURE - BEDROOM - MFRS.&/OR W/SALERS. (F7325)	A. & L. Kitchens, 12 Botany St., Redfern. 2016.	34339	Premise Match	71m	East
KITCHEN UNIT MANUFACTURERS. (K0500)	A. & L. Kitchens, 12 Botany St., Redfern. 2016.	44104	Premise Match	71m	East
GIFTS - WHOLESALE. (G3470)	Polyc Candle Co. Pty. Ltd., 16 Botany St., Redfern. 2016.	36697	Premise Match	71m	East
CANDLE MFRS. (C0720)	Polyc Candle Co. Pty. Ltd., 16 Botany St., Redfern. 2016.	12978	Premise Match	71m	East
CUSTOMS AGENTS. (C9165)	Trans World Customs Services, 10 Botany St, Waterloo.2017.	18721	Premise Match	71m	East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Redfern Service Station, 133 Regent St., Redfern. 2016.	57447	Premise Match	72m	East
CARPET &/OR FLOOR COVERING PLANNERS &/OR LAYERS. (C1815)	Wedds Carpets, 2 Botany St, Redfern. 2016.	13374	Premise Match	72m	East
CARPET &/OR FLOOR COVERING MFRS. &/OR IMPS. &/OR DIST. (C1810)	Wedds Carpets, 2 Botany St., Redfern, 2016.	13321	Premise Match	72m	East
CUSHION MFRS. &/OR W/SALERS. (C9120)	Australian Cushion Co., 88 Regent St., Redfern. 2016.	18588	Premise Match	73m	North East
FURNISHINGS-SOFT-MFRS.&/OR W/SALERS. (F7230)	Australian Cushion Co., 88 Regent St., Redfern. 2016.	34202	Premise Match	73m	North East
FURNITURE &/OR FURNISHINGS-RETAIL. (F7625)	Soft Furniture, 88 Regent St., Redfern. 2016.	34843	Premise Match	73m	North East
PNEUMATIC TOOLS MFRS. &/OR DIST. (P6920)	Airspeed Products, 183 Regent St, Redfern. 2016.	65498	Premise Match	77m	South East
ENGINEERS-COMPRESSED AIR. (E6540)	Airspeed Products, 183 Regent St., Redfern. 2016.	26885	Premise Match	77m	South East

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
ENGINEERS-GENERAL &/OR MANUFACTURING &/OR MECHANICAL. (E7140)	Airspeed Products, 183 Regent St., Redfern. 2016.	27783	Premise Match	77m	South East
BOOT&/OR SHOE REPAIRERS.(B4760)	Fourtounis, D., 187 Regent St., Redfern. 2016,	8169	Premise Match	88m	South East
CLOTHING - FROCKS & SUITS MFRS. &/OR W/SALERS. (C5166)	Fourtounis, D., 189 Regent St., Redfern. 2016.	16542	Premise Match	92m	South
GIFTS - WHOLESALE. (G3470)	Variety Imports Pty, Ltd., 150 Regent St., Redfern. 2016.	36715	Premise Match	92m	South
IMPORTERS. (I0750)	Variety Imports Pty. Ltd., 150 Regent St., Redfern. 2016.	41848	Premise Match	92m	South
MANCHESTER MFRS. &/OR W/SALERS. (M0600)	Variety Imports Pty. Ltd., 150 Regent St., Redfern. 2016.	46047	Premise Match	92m	South
TOY IMPS. &/OR W/SALERS. (T6225)	Variety Imports Pty. Ltd., 150 Regent St., Redfern. 2016.	81308	Premise Match	92m	South
FURNITURE DEALERS-SECONDHAND. (F7475)	Redfern Second Hand Furniture, 80 Regent St., Redfern. 2016.	34565	Premise Match	94m	North East
AUTOMATIC SLOT MACHINES MFRS. &/OR DIST. (A8610)	B.C. Amusement Machines Pty. Ltd, 15 Cornwallis St., Redfern.2016.	4186	Premise Match	95m	West
DISPENSING MACHINES DIST.&/OR SUPPLIERS. (D4145)	Breakmate N.S.W. Pty. Ltd., 15 Cornwallis St., Redfern, 2016.	21673	Premise Match	95m	West
PACKING & PACKAGING MATERIALS MFRS.&/OR SUPPLIERS. (P0196)	Kwik Lok Australia, 15 Cornwallis St., Redfern. 2016.	62324	Premise Match	95m	West
ELECTRIC TOOLS - PORTABLE - MFRS. &/OR DIST. (E2970)	Allbrand Powertool Services. 78 Regent St., Redfern. 2016.	25265	Premise Match	99m	North East
WINE &/OR SPIRIT MERCHANTS - . RETAIL. (W5960)	Glencastle, 76 Regent St., Redfern. 2016.	84765	Premise Match	104m	North East
BATH &/OR SINK HEATER REPAIRERS. (B1360)	Hot Spring Heaters Pty. Ltd., 56 Botany St, Redfern. 2016.	4854	Premise Match	104m	South East
MOTOR BODY BUILDERS. (M5020)	Town Auto Repairs Pty. Ltd., 60 Botany St., Redfern. 2016,	54224	Premise Match	111m	South East
MOTOR BODY REPAIRS &/OR CONVERTERS. (M5140)	Town Auto Repairs Pty. Ltd., 60 Botany St., Redfern. 2016.	54334	Premise Match	111m	South East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Town Auto Repairs Pty. Ltd., 60 Botany St., Redfern. 2016.	57761	Premise Match	111m	South East
MOTOR PANEL BEATERS &/OR SPRAY PAINTERS. (M7360)	Town Auto Repairs Pty. Ltd., 60 Botany St., Redfern. 2016.	58793	Premise Match	111m	South East
SPRAYERS - INDUSTRIAL. (S5025)	Town Auto Repairs Pty. Ltd., 60 Botany St., Redfern. 2036.	75835	Premise Match	111m	South East
BUTCHERS - WHOLESALE. (B8120)	Simpsons Wholesale Butchers, 51 Botany St., Redfern, 2016.	11917	Premise Match	114m	East
HOT WATER SYSTEMS - ELECTRIC MFRS. &/OR GISTS. (H6500)	Aye-Gees Building Suppliea, 35 Botany St, Redfern. 2016.	40425	Premise Match	116m	East
ELECTRICAL SUPPLIES &/OR APPLIANCES - RETAIL. (E3840)	Aye-Gees Building Supplies, 35 Botany St, Redfer 2016.	25683	Premise Match	116m	East
BUILDERS SUPPLIERS. (B7060)	Aye-Gees Building Supplies, 35 Botany St, Redfern. 2016.	9640	Premise Match	116m	East
RANGES - GAS - MFRS. &/OR IMPS. &/OR DIST. (R2100)	Aye-Gees Building Supplies, 35 Botany St, Redfern. 2016.	68512	Premise Match	116m	East
PLUMBERS SUPPLIES. (P6700)	Aye-Gees Building Supplies, 35 Botany St., Redfer 2016.	65282	Premise Match	116m	East
HOT WATER SYSTEMS - GAS MFRS. &/OR DIST. (H6700)	Aye-Gees Building Supplies, 35 Botany St., Redfern. 2016.	40451	Premise Match	116m	East
FOOTWEAR RETAILERS (F5575)	Athenian, 70 Regent St., Redfern. 2016.	32257	Premise Match	119m	North East
CLUBS &/OR SPORTING BODIES.(C5730)	Redfern Greek Club, 70 Regent St., Redfern. 2016.	17302	Premise Match	119m	North East
SEED MERCHANTS. (S1890)	Farrows Produce, 158 Regent St, Redfern. 2106.	74036	Premise Match	123m	South



Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
PRODUCE MERCHANTS- WHOLESALE. (P8960)	Farrows Produce, 158 Regent St., Redfern. 2106.	67033	Premise Match	123m	South
PRODUCE MERCHANTS - GRAIN&OR SEED - RETAIL. (P8920)	Panos, E. & S, 158 Regent St., Redfern. 2016.	67007	Premise Match	123m	South
RIBBON MFRS. &OR DIST. (R5285)	Bowmer, Robert C. Pty. Ltd., 66 Botany St., Redfern. 2016.	71941	Premise Match	127m	South East
TAPE - TEXTILE MFRS. &OR W/SALERS. (T0850)	Bowmer, Robert C. Pty. Ltd., 66 Botany St., Redfern. 2016.	79114	Premise Match	127m	South East
MANUFACTURERS AGENTS, (M0800)	Cahill, J. H. Pty Ltd., 64 Regent St., Redfern. 2016.	46169	Premise Match	137m	North East
TOBACCO MERCHANTS- W/SALE. (T5100)	Cahill, J. H. Pty. Ltd., 64 Regent St., Redfern. 2016.	80472	Premise Match	137m	North East
TOBACCONISTS - RETAIL. (T5150)	Cahill, J. H., 64 Regent St., Redfern. 2016.	80495	Premise Match	137m	North East
MILK, FRUIT JUICE BARS &OR CONFECTIONERS, (M3180)	Chios Milk Bar, 60 Regent St., Redfern. 2016.	52140	Premise Match	148m	North East

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## 1982 Business Directory Records Road or Area Matches

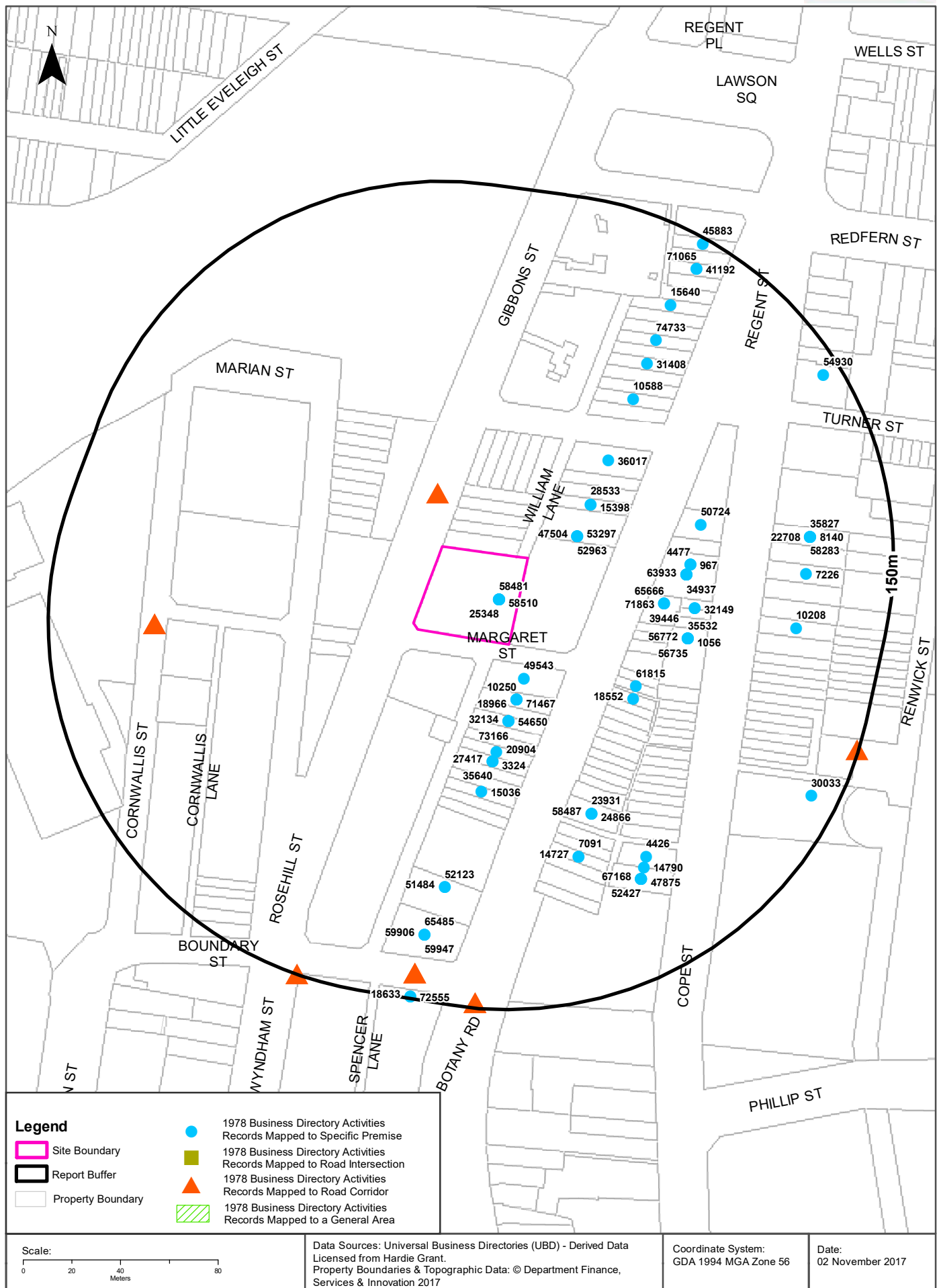
Records from the 1982 UBD Business Directory, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
ROLLERSKATING RINKS. (R6320)	Redfern Roller Rink, Margaret St., Redfern. 2016.	72301	Road Match	0m
KNITTED GOODS MFRS. &OR KNITTING MILLS. (K0750)	Victoria Knitting Mills, Margaret St, Redfern. 2016.	44402	Road Match	0m
ROLLERSKATING RINKS. (R6320)	Skate Around Sydney, Rosehill St., Redfern. 2016.	72307	Road Match	41m
FOOTWEAR MFRS. - BOOTS &OR SHOES. (F5350)	Aahendan Leather Goods Pty. Ltd., Cornwallis St, Redfern.2016.	32153	Road Match	100m
LEATHER GOODS MFRS. &OR W/SALERS. (L3350)	Ashenden Leather Goods Pty. Ltd., Cornwallis St, Redfern.2016.	45133	Road Match	100m
BELT MFRS. - LADIES &OR GENTS. (B2220)	Ashenden Leather Goods Pty. Ltd., Cornwallis St., Redfern.2016.	6797	Road Match	100m
SADDLERS. (S0030)	Ashenden Leather Goods Pty. Ltd., Cornwallis St., Redfern.2016.	72750	Road Match	100m
SHOP &OR OFFICE FITTERS.(S3060)	Cole McDiarmid Pty. Ltd., Cornwallis St., Redfern. 2016.	74681	Road Match	100m
FURNITURE-GENERAL-MFRS.&OR W/SALERS. (F7675)	Spanish Decor Pty. Ltd., Cornwallis St., Redfern. 2016.	35119	Road Match	100m
MOTOR GARAGE EQUIPMENT&OR TOOL MFRS. &OR DIST.(M6820)	Wyndham Service Centre, Wyndham St., Alexandria. 2015.	55914	Road Match	149m
MOTOR GARAGES &OR ENGINEERS &OR SERVICE STATIONS. (M6860)	Wyndham Service Centre, Wyndham St., Alexandria. 2015.	57868	Road Match	149m

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# 1978 Historical Business Directory Records

13-23 Gibbons Street, Redfern, NSW 2016



## Historical Business Directories

13-23 Gibbons Street, Redfern, NSW 2016

### 1978 Business Directory Records Premise or Road Intersection Matches

Records from the 1978 UBD Business Directory, mapped to a premise or road intersection, within the dataset buffer:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
AIR COMPRESSOR MFRS.&/OR DIST.	Pneumatic Tool & Engineering Co. Pty. Ltd. 4-12 Margaret St., Redfern	1774	Premise Match	0m	Onsite
ENGINEERS- GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Pneumatic Tool & Engineering Co. Pty. Ltd 4-12 Margaret St., Redfern,	24842	Premise Match	0m	Onsite
PNEUMATIC TOOL SPARE PARTS.	Pneumatic Tool & Engineering Co. Pty. Ltd 4-12 Margaret Street, Redfern.	58481	Premise Match	0m	Onsite
AIR COMPRESSOR MFRS.&/OR DIST.	Pneumatic Tool & Engineering Co. Pty. Ltd, 4 Margaret St, Redfern.	1820	Premise Match	0m	Onsite
PNEUMATIC TOOLS MFRS. &/OR DIST.	Pneumatic Tool & Engineering Co. Pty. Ltd. 4-12 Margaret Street, Redfern.	58485	Premise Match	0m	Onsite
ENGINEERS- GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Pneumatic Tool & Engineering Co. Pty. Ltd., 4 Margaret St, Redfern.	25348	Premise Match	0m	Onsite
PNEUMATIC TOOLS MFRS. &/OR DIST.	Pneumatic Tool & Engineering Co. Pty. Ltd., 4 Margaret St., Redfern.	58510	Premise Match	0m	Onsite
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	BP Eveleigh Service Station. 118 Regent St., Redfern.	49543	Premise Match	16m	South East
MOTOR ACCESSORIES DEALERS.	Shalimar Motor Supplies Pty. Ltd., 102 Regent St., Redfern.	47504	Premise Match	22m	North East
MOTOR SPARE PARTS DEALERS-RETAIL.	Shalimar Motor Supplies Pty. Ltd., 102 Regent St., Redfern.	52823	Premise Match	22m	North East
MOTOR SPARE PARTS MFRS.&/OR W/SALERS.	Shalimar Motor Supplies Pty. Ltd., 102 Regent St., Redfern.	52963	Premise Match	22m	North East
MOTOR TRIMMERS.	Shalimar Motor Supplies Pty. Ltd., 102 Regent St., Redfern.	53297	Premise Match	22m	North East
PLASTIC GOODS MFRS.	S L. Fashion Accessories, 120 Regent St., Redfern.	57709	Premise Match	23m	South East
BUTTON &/OR BUCKLE MFRS. &/OR W/SALERS.	S.L. Fashion Accessories, 120 Regent St., Redfern.	10250	Premise Match	23m	South East
DIE & PRESS TOOL MAKERS	S.L. Plas-Tool Co., 120 Regent St., Redfern.	18966	Premise Match	23m	South East
TOOLMAKERS.	S.L. Plas-Tool Co., 120 Regent St., Redfern.	71467	Premise Match	23m	South East
OFFICE FURNITURE REPAIRERS.	Office Supplies & Repairs Pty. Ltd. 124 Regent St., Redfern,	54643	Premise Match	32m	South
OFFICE MACHINE REPAIRERS.	Office Supplies & Repairs Pty. Ltd., 124 Regent St, Redfern.	54650	Premise Match	32m	South
FURNITURE-OFFICE-RETAIL.	Office Supplies & Repairs Pty. Ltd., 124 Regent St, Redfern.	32134	Premise Match	32m	South
UPHOLSTERERS.	Young, N. C., 124 Regent St., Redfern.	73166	Premise Match	32m	South
FLORISTS-RETAIL.	Jenkins Redfern Florist, 96 Regent St., Redfern.	28533	Premise Match	34m	North East
CLOTHING - SPORTSWEAR MFRS. &/OR W/SALERS.	Lemnos 96 Regent St., Redfern.	15398	Premise Match	34m	North East
DRY CLEANERS, PRESSERS &/OR DYERS	Palms Dry Cleaners, The, 130 Regent St., Redfern.	20904	Premise Match	44m	South
ARTISTS SUPPLIES-RETAIL.	Austral Polyplastic Supply, 132 Regent St.. Redfern.	3324	Premise Match	49m	South
HOBBY &/OR HANDICRAFT SUPPLIES.	Austral Polyplastic Supply, 132 Regent Stâ Redfern.	35640	Premise Match	49m	South
FIBREGLASS RAW MATERIALS	Austral Supply, 132 Regent St., Redfern.	27417	Premise Match	49m	South
HOTELS-LICENSED.	Bunnerong Hotel, 90 Regent St., Redfern.	36017	Premise Match	52m	North East
REAL ESTATE AGENTS &/OR VALUERS.	Hooker, L. J., Redfern, 159 Regent St., Redfern.	61815	Premise Match	55m	South East

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
DENTISTS.	Tighe, N. B., 161 Regent St., Redfern.	18552	Premise Match	56m	South East
SHEEPSKIN PRODUCTS MFRS. &/OR DIST.	Twin kangaroo Pty. Ltd. 143 regret St. Redfern	65666	Premise Match	59m	East
TOY MFRS. &/OR DIST.	Twin Kangaroo Pty. Ltd., 143 Regent St., Redfern.	71863	Premise Match	59m	East
KOALA BEAR TOY MFRS. &/OR DIST.	Twin Kangaroo Pty. Ltd., 143 Regent St., Redfern.	39446	Premise Match	59m	East
CLOTHING - KNITTED GOODS   MFRS. &/OR W/SALERS.	Klen J- 138 Regent St., Redfern.	15036	Premise Match	62m	South
ROOFING MATERIAL MFRS.&/OR DIST.	Mason & Fletcher Pty. Ltd., 139 Regent St., Redfern	63933	Premise Match	65m	East
TOOL DEALERS-RETAIL.	Mason & Fletcher Pty. Ltd., 139 Regent St., Redfern.	71173	Premise Match	65m	East
BUILDERS SUPPLIERS.	Mason & Fletcher Pty. Ltd., 139 Regent St., Redfern.	8283	Premise Match	65m	East
LAWNMOWER SALES & OR SERVICE	Mason & Fletcher Pty. Ltd., 139 Regent St., Redfern.	39968	Premise Match	65m	East
HARDWARE DEALERS &/OR IRONMONGERS.	Mason & Fletcher Pty. Ltd., 139 Regent St., Redfern.	34937	Premise Match	65m	East
PAINT VARNISH OILS &/OR COLOUR MERCHANTS.	Mason & Fletcher Pty. Ltd.. 139 Regent St., Redfern.	55663	Premise Match	65m	East
ACID MFRS. &/OR DIST.	Australian Distilled Water Supply Pty. Ltd., (The), 137 Regent St.,	967	Premise Match	67m	East
BATTERY ACID MFRS.	Australian Distilled Water Supply Pty. Ltd., (The), 137 Regent St.,	4477	Premise Match	67m	East
DISTILLED WATER MFRS.	Australian Distilled Water Supply Pty. Ltd., (The), 137 Regent St.,	19269	Premise Match	67m	East
FURNITURE-PERIOD MFRS.&/OR WSALERS.	Nader Furniture, 12 Botany St., Redfern.	32149	Premise Match	71m	East
WOOD CARVERS.	Nader Furniture, 12 Botany St., Redfern.	75119	Premise Match	71m	East
HIGH-FIDELITY SALES &/OR SERVICE.	Photimpert (Aust) Pty. Ltd., 16 Botany St, Redfern.	35532	Premise Match	71m	East
RECORDING EQUIPMENT MFRS. &/OR IMPS. &/OR DIST.	Photimport (Aust) Pty. Ltd, 16 Botany St Redfern.	62487	Premise Match	71m	East
PHOTOGRAPHIC EQUIPMENT- MFRS.&/OR DIST.	Photimport (Aust) Pty. Ltd., 16 Botany St, Redfern.	56772	Premise Match	71m	East
PHOTOGRAPHIC EQUIPMENT DEALERS &/OR IMPS.	Photimport (Aust) Pty. Ltd., 16 Botany St., Redfern.	56735	Premise Match	71m	East
ADDING & CALCULATING MACHINE MFRS. &/OR IMPS. &/OR DIST.	Qualitron Industries, 16 Botany St, Redfern	1056	Premise Match	71m	East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Redfern Service Station. 133 Regent St., Redfern.	50724	Premise Match	72m	East
PNEUMATIC TOOLS MFRS. &/OR DIST.	Airspeed Products, 183 Regent St., Redfern.	58487	Premise Match	77m	South East
ENGINEERS- GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Airspeed Products, 183 Regent St., Redfern.	24866	Premise Match	77m	South East
ENGINEERS-COMPRESSED AIR.	Airspeed Products, 183 Regent St., Redfern.	23931	Premise Match	77m	South East
CAFES, TEA ROOMS &/OR COFFEE LOUNGES.	Red Lion Cafe, 86 Regent St., Redfern.	10588	Premise Match	78m	North East
BOOT &/OR SHOE REPAIRERS.	Fourtounis, O., 189 Regent St., Redfern.	7091	Premise Match	92m	South
CLOTHING - FROCKS & SUITS MFRS. &/OR W/SALERS.	Fourtounis. D., 189 Regent St., Redfern.	14727	Premise Match	92m	South
FURNITURE DEALERS-SECONDHAND.	Redfern Second Hand Furniture, 80 Regent St., Redfern.	31408	Premise Match	94m	North East
MOTOR PAINTERS.	K. N.P. Smash Repairs, 154 Regent St, Redfern.	51484	Premise Match	103m	South
MOTOR PANEL BEATERS	K.N.P. Smash Repairs, 154 Regent St, Redfern.	52123	Premise Match	103m	South
WINE &/OR SPIRIT MERCHANTS- RETAIL.	Glencastle, 76 Regent St., Redfern.	74733	Premise Match	104m	North East
BATH &/OR SINK HEATER REPAIRERS.	Hot Spring Heaters Pty. Ltd., 56 Botany St., Redfern.	4426	Premise Match	104m	South East
CLOTHING - FROCKS & SUITS MFRS. &/OR W/SALERS.	Leon Fashions. 58 Botany St., Redfern.	14790	Premise Match	107m	South East
SPRAYERS-INDUSTRIAL.	Town Auto Repairs Pty. Ltd., 60 Botany St., Redfern,	67168	Premise Match	111m	South East

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
MOTOR PANEL BEATERS	Town Auto Repairs Pty. Ltd., 60 Botany St., Redfern.	52427	Premise Match	111m	South East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Town Auto Repairs Pty. Ltd., 60 Botany St., Redfern.	51017	Premise Match	111m	South East
MOTOR BODY BUILDERS.	Town Auto Repairs Pty. Ltd., 60 Botany St., Redfern.	47765	Premise Match	111m	South East
MOTOR BODY REPAIRS &/OR CONVERTERS.	Town Auto Repairs Pty. Ltd., 60 Botany St., Redfern.	47875	Premise Match	111m	South East
MOTOR PAINTERS.	Town Auto Repairs Pty. Ltd-60 Botany St., Redfern.	51732	Premise Match	111m	South East
BOTTLE MERCHANTS &/OR EXCHANGES.,	Furze, E. Pty. Ltd.. 39 Botany St., Redfern.	7226	Premise Match	114m	East
BUTCHERS - WHOLESALE.	Simpsons Wholesale Butchers, 51 Botany St., Redfern.	10208	Premise Match	114m	East
BUILDERS SUPPLIERS.	Aye-Gees Building Supplies, 35 Botany St, Redfern.	8140	Premise Match	116m	East
ELECTRICAL SUPPLIES &/OR APPLIANCES-RETAIL.	Aye-Gees Building Supplies, 35 Botany St, Redfern.	22708	Premise Match	116m	East
HOT WATER SYSTEMS-ELECTRIC MFRS. &/OR DIST.	Aye-Gees Building Supplies, 35 Botany St, Redfern.	35827	Premise Match	116m	East
HOT WATER SYSTEMS-GAS MFRS. &/OR DIST.	Aye-Gees Building Supplies, 35 Botany St, Redfern.	35851	Premise Match	116m	East
PLUMBERS SUPPLIES.	Aye-Gees Building Supplies, 35 Botany St, Redfern.	58283	Premise Match	116m	East
RANGES-GAS-MFRS. &/OR IMPS. &/OR DIST.	Aye-Gees Building Supplies, 35 Botany St., Redfern	61263	Premise Match	116m	East
CLUBS &/OR SPORTING BODIES.	Redfern Greek Club. 70 Regent St., Redfern.	15640	Premise Match	119m	North East
PRODUCE MERCHANTS-WHOLESALE.	Farrows Produce, 158 Regent St., Redfern	59947	Premise Match	123m	South
SEED MERCHANTS.	Farrows Produce, 158 Regent St., Redfern.	65485	Premise Match	123m	South
PRODUCE MERCHANTS-GRAIN &/OR SEED-RETAIL.	Farrows Products, 158 Regent St., Redfern.	59906	Premise Match	123m	South
MANUFACTURERS AGENTS.	Cahill, J. H. Pty. Ltd., 64 Regent St., Redfern.	41192	Premise Match	137m	North East
TOBACCO MERCHANTS-W/SALE.	Cahill, J. H. Pty. Ltd., 64 Regent St., Redfern.	71065	Premise Match	137m	North East
FRUIT JUICE EXTRACT MFRS. &/OR MERCHANTS.	Orange Spot Pty. Ltd., 77 Botany St., Redfern.	30033	Premise Match	139m	South East
OPTICAL SUPPLIES MFRS. &/OR W/SALERS.	Optical Products, 13 Botany St., Redfern.	54930	Premise Match	143m	North East
MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Chios Milk Bar, 60 Regent St., Redfern.	45883	Premise Match	148m	North East
DEPARTMENTAL STORES.	Brandons, 2 Botany Rd., Alexandria.	18633	Premise Match	149m	South
TRAVEL GOODS-RETAILERS.	Brandons, 2 Botany Rd., Alexandria.	72555	Premise Match	149m	South

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## 1978 Business Directory Records Road or Area Matches

Records from the 1978 UBD Business Directory, 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:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
FOOTWEAR MFRS. -BOOTS &/OR SHOES.	Kinsbro Shoes Pty. Ltd., Gibbons St., Redfern.	29156	Road Match	0m
BELTING MFRS. IMPS. &/OR DIST.	Ashenden Leather Goode Pty. Ltd., Comwalls St, Redfern	5799	Road Match	100m
HANDBAG MFRS. &/OR W/SALERS.	Ashenden Leather Goods Pty. Ltd, Cornwalls St, Redfern.	34793	Road Match	100m
BELT MFRS.-LADIES &/OR GENTS.	Ashenden Leather Goods Pty. Ltd., Comwalls St, Redfern.	5778	Road Match	100m



Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
INSTRUMENT CASE MFRS.	Ashenden Leather Goods Pty. Ltd., Cornwallis St, Redfern	37387	Road Match	100m
LEATHER.GOODS MFRS. &/OR W/SALERS.	Ashenden Leather Goods Pty. Ltd., Cornwallis St, Redfern.	40053	Road Match	100m
SADDLERS.	Ashenden Leather Goods Pty. Ltd., Cornwallis St, Redfern.	64300	Road Match	100m
SAFETY EQUIPMENT MFRS, &/OR DIST.	Ashenden Leather Goods Pty. Ltd., Cornwallis St, Redfern.	64344	Road Match	100m
SAMPLE CASE MFRS. &/OR DIST.	Ashenden Leather Goods Pty. Ltd., Cornwallis St, Redfern.	64424	Road Match	100m
TRAVEL GOODS MFRS.	Ashenden Leather Goods Pty. Ltd., Cornwallis St, Redfern.	72537	Road Match	100m
WASHER MFRS.	Ashenden Leather Goods Pty. Ltd., Cornwallis St, Redfern.	73831	Road Match	100m
SHOP &/OR OFFICE FITTERS.	Cole MacDiarmid Pty. Ltd., Cornwallis St., Redfern.	66127	Road Match	100m
CARDBOARD BOX &/OR CARTON MFRS.	Hansen Julius. V. Pty. Ltd., Boundary St., Redfern.	11321	Road Match	133m
COTTON WASTE MFRS. &/OR MERCHANTS.	Hansen, Julius, V. Pty. Ltd., Boundary St., Redfern.	16563	Road Match	133m
TEXTILE WASTE-MERCHANTS.	Hansen, Julius, V. Pty. Ltd., Boundary St., Redfern.	70459	Road Match	133m
WASTE PRODUCT MERCHANTS.	Hansen. Julius, V. Pty. Ltd., Boundary St., Redfern.	73919	Road Match	133m
CLEANING CLOTH MFRS.	Hansen. Julius. V. Pty. Ltd., Boundary St., Redfern.	14375	Road Match	133m
DATA PROCESSING EQUIPMENT	Standard Telephones & Cables Pty. Ltd. Service Botany Road, Alexandria	17142	Road Match	146m
GROCERS-RETAIL:	Woolworths, Botany Rd., Waterloo.	34302	Road Match	146m
CLOTHING - SPORTSWEAR MFRS. &/OR W/SALERS.	Poly-Ginn. Renwick St., Redfern.	15422	Road Match	148m
COTTON TEXTILE &/OR PIECEGOODS MFRS. &/OR W/SALERS.	Powell. T. P. & Co., Wyndham St., Alexandria.	16551	Road Match	149m
MOTOR GARAGE EQUIPMENT & /OR TOOL MFRS. &/OR DIST.	Wyndham Service Centre, Wyndham St., Alexandria.	49204	Road Match	149m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Wyndham Service Centre, Wyndham St., Alexandria.	51135	Road Match	149m

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# 1975 Historical Business Directory Records

13-23 Gibbons Street, Redfern, NSW 2016



# Historical Business Directories

## 13-23 Gibbons Street, Redfern, NSW 2016

### 1975 Business Directory Records Premise or Road Intersection Matches

Records from the 1975 UBD Business Directory, mapped to a premise or road intersection, within the dataset buffer:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
AIR COMPRESSOR MFRS. &/OR DIST.	Pneumatic Tool & Engineering Co. Pty. Ltd. 4-12 Margaret St., Redfern	1534	Premise Match	0m	Onsite
AIR COMPRESSOR MFRS. &/OR DIST.	Pneumatic Tool & Engineering Co. Pty. Ltd, 4 Margaret St, Redfern.	1576	Premise Match	0m	Onsite
ENGINEERS - GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Pneumatic Tool & Engineering Co. Pty. Ltd, 4 Margaret St, Redfern.	29308	Premise Match	0m	Onsite
PNEUMATIC TOOLS MFRS. &/OR DIST.	Pneumatic Tool & Engineering Co. Pty. Ltd. 4 Margaret St. Redfern	68849	Premise Match	0m	Onsite
ENGINEERS - GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Pneumatic Tool & Engineering co. Pty. Ltd. 4-12 Margaret St, Redfern,	28726	Premise Match	0m	Onsite
PNEUMATIC TOOL SPARE PARTS	Pneumatic Tool & Engineering Pty. Ltd. 4 Margaret Street, Redfern	68845	Premise Match	0m	Onsite
PNEUMATIC TOOLS MFRS. &/OR DIST.	Pneumatic Tool & Engineering Co. Pty. Ltd., 4 Margaret St. Redfern.	68867	Premise Match	0m	Onsite
MOTOR SERVICE STATIONS - PETROL, OIL	BPEveleigh Service Station, 118 Regent St., Redfern.	61498	Premise Match	16m	South East
MOTOR ACCESSORIES DEALERS.	Shalimar Motor Supplies Pty. Ltd., 104 Recent St., Redfern,	56291	Premise Match	19m	North East
CARPET &/OR FLOOR COVERING MFRS. &/OR IMPS. &/OR DIST.	Tas-Scot Carpets. 104 Regent St., Redfern.	13385	Premise Match	19m	North East
CARPET &/OR FLOOR COVERING IMPS &/OR W/SALERS.	Templeton James & Co. Ltd., 104 Regent St., Redfern.	13341	Premise Match	19m	North East
MOTOR TRIMMERS.	Shalimar Motor Supplies Pty. Ltd, 102 Regent St., Redfern.	62839	Premise Match	22m	North East
MOTOR SPARE PARTS DEALERS- RETAIL	Shalimar Motor Supplies Pty. Ltd., 102 Regent St., Redfern	62328	Premise Match	22m	North East
MOTOR SPARE PARTS MFRS. &/OR W/SALERS.	Shalimar Motor Supplies Pty. Ltd., 102 Regent St., Redfern	62487	Premise Match	22m	North East
MOTOR ACCESSORIES DEALERS.	Shalimar Motor Supplies Pty. Ltd., 102 Regent St., Redfern.	56292	Premise Match	22m	North East
PLASTIC GOODS MFRS.	S L. Fashion Accessories. 120 Regent St., Redfern.	67956	Premise Match	23m	South East
BUTTON &/OR BUCKLE MFRS. &/OR W/SALERS.	S.L. Fashion Accessories, 120 Regent St., Redfern	11605	Premise Match	23m	South East
TOOLMAKERS	S.L. Plas., Tool Co. 120 Regent St., Redfern.	84066	Premise Match	23m	South East
DIE AND PRESS TOOL MAKERS	S.L. Plas-Tool Co., 120 Regent St., Redfern.	21861	Premise Match	23m	South East
PLASTIC GOODS IMP &/OR DIST.	Victor, A. J. & Co., 120 Regent St., Redfern.	67862	Premise Match	23m	South East
OFFICE FURNITURE REPAIRERS.	Office Supplies & Repairs Pty. Ltd. 124 Regent St., Redfern, N.S.W	64470	Premise Match	32m	South
FURNITURE-OFFICE-RETAIL	Office Supplies & Repairs Pty. Ltd., 124 Regent St Redfern	37298	Premise Match	32m	South
OFFICE MACHINE REPAIRERS.	Office Supplies & Repairs Pty. Ltd., 124 Regent St. Redfern.	64477	Premise Match	32m	South
UPHOLSTERERS.	Young, N. C. 124 Regent St, Redfern.	85846	Premise Match	32m	South
FURNITURE DEALERS-SECONDHAND	Young, N. C., 124 Regent St., Redfern.	36530	Premise Match	32m	South
FOOTWEAR RETAILERS.	Athenian Shoes, 96 Regent St., Redfern.	33872	Premise Match	34m	North East
SECOND., HAND DEALERS.	Weinberg, R., 94 Regent St., Redfern.	76503	Premise Match	39m	North East

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Palms Milk Bar, 128 Regent St., Redfern.	53703	Premise Match	40m	South
DRY CLEANERS, PRESSERS&/OR DYERS.	Palms Dry Cleaners, The, 130 Regent St., Redfern.	24264	Premise Match	44m	South
FIBREGLASS RAW MATERIALS.	Austral Polyplastic Studios, 132 Regent La., Redfern.	31603	Premise Match	49m	South
HOBBY &/OR HANDICRAFT SUPPLIES.	Austral Polyplastic Studios, 132 Regent la., Redfern.	42112	Premise Match	49m	South
HOTELS-LICENCED	Bunnerong Hotel, 90 Regent St., Redfern.	42745	Premise Match	52m	North East
REAL ESTATE AGENTS &/OR VALUERS.	Atlas Real Estate, 159 Regent St., Redfern.	71983	Premise Match	55m	South East
SPORTS GOODS RETAILERS.	Gardiners Sports Store, 159 Regent St., Redfern.	79034	Premise Match	55m	South East
DENTISTS.	Tighe, N. B., 161 Regent St., Redfern.	21431	Premise Match	56m	South East
FOOTWEAR RETAILERS.	Kacen, A., 136 Regent St., Redfern.	34030	Premise Match	57m	South
PLAN &/OR SPECIFICATION SPECIALISTS.	Lin, T. J. & Associates. 167 Regent St, Redfern.	67553	Premise Match	59m	South East
CLOTHING - KNITTED GOODS MFRS. &/OR W/SALER&	Klein, J., 138 Regent Stâ Redfern.	17353	Premise Match	62m	South
CAFES, TEA ROOMS &/OR COFFEE LOUNGES.	International Coffee Lounge, 171 Regent St., Redfern.	12032	Premise Match	62m	South East
TRAVEL AGENCIES &/OR BOOKING OFFICES.	Savvas Travel Agency, 135 Regent St., Redfern.	85118	Premise Match	64m	East
REAL ESTATE AGENTS &/OR VALUERS.	Theophilou, P., 135 Regent St., Redfern.	73034	Premise Match	64m	East
ACID MFRS. &/OR DISTS.	Australian Distilled Water Supply Pty. Ltd., (The), 137 Regent St.,	682	Premise Match	67m	East
BATTERY ACID MFRS.	Australian Distilled Water Supply Pty. Ltd., (The), 137 Regent St.,	4670	Premise Match	67m	East
DISTILLED WATER MFRS.	Australian Distilled Water Supply Pty. Ltd., (The), 137 Regent St.,	22207	Premise Match	67m	East
SECOND., HAND DEALERS.	Weld, H., 2 Botany St., Redfern.	76504	Premise Match	72m	East
MANUFACTURERS AGENTS.	Jones & Joseph Pty. Ltd., 32 Rosehill St , Redfern.	48820	Premise Match	77m	West
PLUMBERS SUPPLIES.	Jones & Joseph Pty. Ltd., 32 Rosehill St., Redfern	68698	Premise Match	77m	West
MERCHANTS-GENERAL	Jones & Joseph Pty. Ltd., 32 Rosehill St., Redfern.	52591	Premise Match	77m	West
BUILDERS SUPPLIERS.	Jones & Joseph Pty. Ltd., 32 Rosehill St., Redfern.	9293	Premise Match	77m	West
TOY IMPS. &/ORW/SALERS.	Jones & Joseph Pty. Ltd., 32 Rosehill St., Redfern.	84482	Premise Match	77m	West
SPORTS GOODS W/SALERS.	Jones & Joseph Pty. Ltd., 32 Rosehill St., Redfern.	79171	Premise Match	77m	West
HOBBY &/OR HANDICRAFT SUPPLIES.	Jones& Joseph Pty. Ltd., 32 Rosehill St., Redfern	42130	Premise Match	77m	West
UPHOLSTERERS.	Pizzey Pty. Ltd, 32 Rosehill St, Redfern.	85811	Premise Match	77m	West
TEXTILE IMPS. &/OR W/SALERS.	Pizzey Pty. Ltd., 32 Rosehill St., Redfern.	82769	Premise Match	77m	West
TEXTILE MERCHANTS	Pizzey Pty. Ltd., 32 Rosehill St., Redfern.	82923	Premise Match	77m	West
TRAVEL GOODS W/SALERS.	Pizzey Pty. Ltd., 32 Rosehill St., Redfern.	85253	Premise Match	77m	West
FOOTWEAR MFRS. MACHINERY MFRS.	Pizzey Pty. Ltd., 32 Rosehill St., Redfern.	33805	Premise Match	77m	West
FOOTWEAR MFRS., REPAIRERS &/OR SUPPLIERS.	Pizzey Pty. Ltd., 32 Rosehill St., Redfern.	33828	Premise Match	77m	West
COTTON TEXTILE &/OR PIECEGOODS MFRS. &/OR W/SALERS.	Pizzey Pty. Ltd., 32 Rosehill St., Redfern.	19192	Premise Match	77m	West
LEATHER &/OR GRINDERY MERCHANTS	Pizzey Pty. Ltd., 32 Rosehill St., Redfern.	47346	Premise Match	77m	West
MOTOR TRIMMERS SUPPLIES.	Pizzey Pty. Ltd., 32 Rosehill St., Redfern.	62856	Premise Match	77m	West
TANNERS &/OR LEATHER MFRS.	Plzney Pty. Ltd., 32 Rosehill St., Redfern.	82139	Premise Match	77m	West

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
ENGINEERS-COMPRESSED AIR	Airspeed Products, 183 Regent St. Redfern	27675	Premise Match	78m	South East
ENGINEERS - GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Airspeed Products, 183 Regent St., Redfern.	28755	Premise Match	78m	South East
PNEUMATIC TOOLS MFRS. &/OR DIST.	Airspeed Products, 183 Regent St., Redfern.	68851	Premise Match	78m	South East
CAFES, TEA ROOMS &/OR COFFEE LOUNGES.	To Poan Continental. 84 Regent St., Redfern	12319	Premise Match	83m	North East
GIFT SHOPS.	Nicholas & Co., 187 Regent St., Redfern.	38245	Premise Match	88m	South East
MIXED BUSINESSES.	Balkan Foods. 82 Regent St., Redfern.	54477	Premise Match	89m	North East
CLOTHING - FROCKS & SUITS MFRS. &/OR W/SALERS.	Fourtounis, D., 189 Regent St., Redfern.	16981	Premise Match	92m	South
SHEET METAL WORKERS.	Mackie. Ern Pty. Ltd., 150 Regent St., Redfern.	76884	Premise Match	92m	South
BOOT &/OR SHOE REPAIRERS.	Regent St. Shoe Repairs, 189 Regent St., Redfern.	7811	Premise Match	92m	South
FRUITERERS &/OR GREENGROCERS.	Redfern Fruiterers, 80 Regent St., Redfern.	35740	Premise Match	94m	North East
GROCERS-RETAIL	Redfern Grocery. 78 Regent St., Redfern.	39798	Premise Match	99m	North East
JEWELLERS MFRG. &/OR W/SALERS &/OR IMPS.	Broadbent, G., 193 Regent St., Redfern.	45849	Premise Match	101m	South
MOTOR PANEL BEATERS.	Eagle Body Works, 154 Regent St., Redfern.	60754	Premise Match	103m	South
MOTOR PAINTERS.	Eagle Body Works. 154 Regent St., Redfern.	60097	Premise Match	103m	South
DRY CLEANERS, PRESSERS&/OR DYERS.	Personality Dry Cleaning, 74 Regent St., Redfern.	24281	Premise Match	109m	North East
PLUMBERS SUPPLIES.	Aye-Gees Building Supplies 35 Botany St, Redfern.	68643	Premise Match	116m	East
ROOM HEATERS., ELECTRIC., MFRS. &/OR DIST.	Nettlefold Sales, T.S., 199 Regent St., Redfern.	74692	Premise Match	120m	South
PRODUCE MERCHANTS., GRAIN &/OR SEED., RETAIL	farrows Products, 158 Regent St., Redfern.	70368	Premise Match	123m	South
CAFES, TEA ROOMS &/OR COFFEE LOUNGES.	Red Lion Cafe, 66 Regent St., Redfern.	12218	Premise Match	132m	North East
SANDWICH &/OR LUNCHEON SHOPS.	Boundary Corner Sandwich Shop, 88 Rosehill St., Redfern.	75271	Premise Match	148m	South West
TRAVEL GOODS., RETAILERS.	Brandon's, 2 Botany Rd., Alexandria	85199	Premise Match	149m	South

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## 1975 Business Directory Records Road or Area Matches

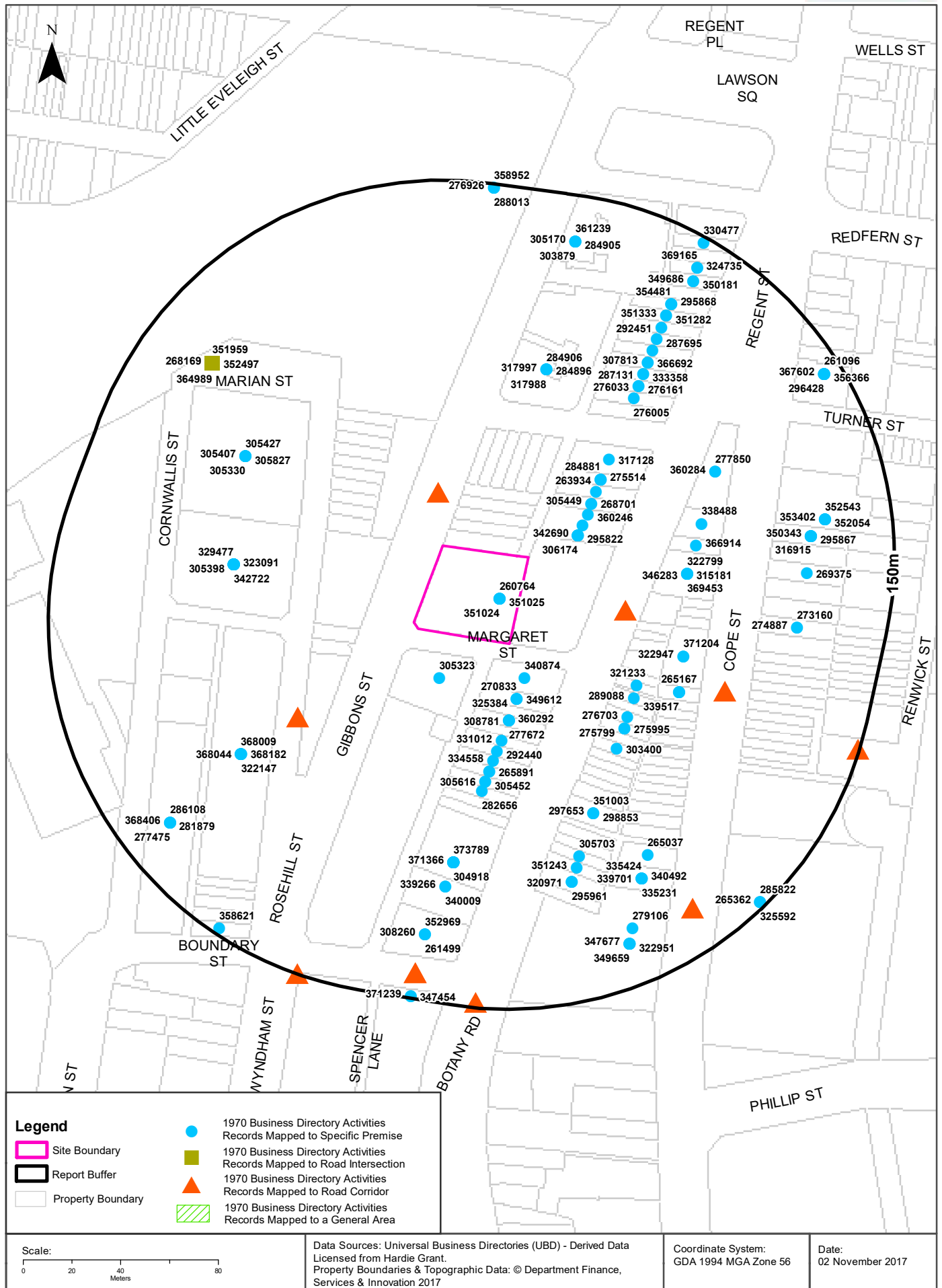
Records from the 1975 UBD Business Directory, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
FOOTWEAR MFRS.-BOOTS &/OR SHOES.	Kinsbro Shoes Pty. Ltd., Gibbons St., Redfern.	33761	Road Match	0m
ELECTRICAL CONTRACTORS- LICENSED.	Radio Services Pty. Ltd, 6 Regent St, Redfern.	25915	Road Match	26m
FOOTWEAR IMPORTERS.	Star Shoe (Distributors) Pty. Ltd., Rosehill St., Redfern.	33719	Road Match	41m
FOOTWEAR MFRS.-BOOTS &/OR SHOES.	Star Shoe (Distributors) Pty. Ltd., Rosehill St., Redfern.	33782	Road Match	41m
FOOTWEAR W/SALERS &/OR DIST.	Star Shoe (Distributors) Pty. Ltd., Rosehill St., Redfern.	34241	Road Match	41m
HANDBAG MFRS. &/OR W/SALERS.	Ashenden Leather Goods Pty. Ltd., Cornwallis St, Redfern	41111	Road Match	100m
SHOP & OR/OFFICE FITTERS	Cole McDiarmid Pty. Ltd., Cornwallis St., Redfern,	77389	Road Match	100m
CLEANING CLOTH MFRS.	Hansen, Julius, V. Pty. Ltd., Boundary St., Redfern.	16529	Road Match	133m
COTTON WASTE MFRS. &/OR MERCHANTS.	Hansen, Julius, V. Pty. Ltd., Boundary St., Redfern.	19206	Road Match	133m
WASTE PRODUCT MERCHANTS.	Hansen, Julius, V. Pty. Ltd., Boundary St., Redfern.	86545	Road Match	133m
CARDBOARD BOX &/OR CARTON MFRS.	Hansen, Julius. V. Pty. Ltd., Boundary St., Redfern	13234	Road Match	133m
TEXTILE WASTE., MERCHANTS	Hansen, Julius. V. Pty. Ltd., Boundary St., Redfern.	82965	Road Match	133m
SEED MERCHANTS.	Maloney, M. Produce Pty. Ltd., Boundary St., Redfern	76544	Road Match	133m
PRODUCE MERCHANTS., W/SALE.	Maloney, M. Produce Pty. Ltd., Boundary St., Redfern.	70442	Road Match	133m
CARPET &/OR FLOOR COVERING PLANNERS &/OR LAYERS.	Camberg Carpets, Botany Rd., Waterloo	13397	Road Match	146m
CARPET &/OR FLOOR COVERING RETAILERS &/OR SPECIALISTS.	Camberg Carpets, Botany Rd., Waterloo.	13477	Road Match	146m
MOTOR CAR &/OR TRUCK DEALERS- NEW &/OR USED.	Friendly Motors Pty. Ltd 507 Botany Rd. Waterloo.	57158	Road Match	146m
CLOTHING MFRS.&/OR W/SALERS-SPORTSWEAR	Luigi and Anthony Pty. Ltd. Botany Rd., Waterloo.	17718	Road Match	146m
GROCERS-RETAIL	Woolworths, Botany Rd., Waterloo.	40010	Road Match	146m
CLOTHING-SPORTSWEAR LADIES MFRS.&/OR W/SALERS	Poly-Ginn, Renwick St., Redfern.	17845	Road Match	148m
COTTON TEXTILE &/OR PIECEGOODS MFRS. &/OR W/SALERS.	Powell, T. P. & Co., Wyndham St., Alexandria.	19193	Road Match	149m
MOTOR GARAGE EQUIPMENT &/OR TOOL MFRS. &/OR DIST.	Wyndham Service Centre. Wyndham St., Alexandria.	58301	Road Match	149m
MOTOR SERVICE STATIONS - PETROL, OIL	Wyndham Service Centre. Wyndham St., Alexandria.	62058	Road Match	149m

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

# 1970 Historical Business Directory Records

13-23 Gibbons Street, Redfern, NSW 2016



## Historical Business Directories

### 13-23 Gibbons Street, Redfern, NSW 2016

### 1970 Business Directory Records Premise or Road Intersection Matches

Records from the 1970 UBD Business Directory, mapped to a premise or road intersection, within the dataset buffer:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
PNEUMATIC TOOL MFRS. (P636)	PNEUMATIC TOOL & ENGINEERING CO PTY. LTD,4 MARGARET ST.,REDFERN	351024	Premise Match	0m	Onsite
AIR COMPRESSOR MFRS. &/OR DISTS. (A245)	Pneumatic Tool & Engineering Co, Pty. Ltd., 4 Margaret St., Redfern	260764	Premise Match	0m	Onsite
PNEUMATIC TOOL MFRS. (P636)	Pneumatic Tool & Engineering Co. Pty. Ltd.,4 Margaret St.,Redfern.	351025	Premise Match	0m	Onsite
ENGINEERS-GENERAL &/OR MFRG.&/OR MECHANICAL (E615)	Pneumatic Tool & Engineering Co.Pty.Ltd.,4 Margaret St.,Redfern	299518	Premise Match	0m	Onsite
PNEUMATIC TOOL SPARE PARTS	PNEUMATIC TOOL A ENGINEERING CO PTY. LTD,4 MARGARET ST.,REDFERN	351031	Premise Match	0m	Onsite
MOTOR SERVICE STATIONS- PETROL,OIL,Etc. (M716)	BP Everleigh Service Station,118 Regent St.REDFERN	340874	Premise Match	16m	South East
FOOTWEAR MFRS.- BOOTS/SHOES (F460)	Klnsbro Shoes Pty.Ltd.,Gibbons St.,Redfern	305323	Premise Match	19m	South
FOUNDRY SUPPLIES- GENERAL,FACINGS, ETC. (F555)	Associated Engineering Sales Co.,102 Regent St.,Redfern	306174	Premise Match	22m	North East
ELECTRICAL SUPPLIES/ APPLIANCES RETAILERS (E325)	Nile Electrical Appliances,102 Regent St,Redfern	295822	Premise Match	22m	North East
MOTOR SPARE PARTS DEALERS-RETAIL (M728)	Shalimar Motor Supplies Pty. Ltd.,102 Regent St.,Redfern	342013	Premise Match	22m	North East
MOTOR SPARE PARTS MFRS. &/OR WHOLESALERS (M732)	Shalimar Motor Supplies Pty. Ltd.,102 Regent St.,Redfern	342211	Premise Match	22m	North East
MOTOR TRIMMERS (M748)	Shalimar Motor Supplies Pty. Ltd.,102 Regent St.,Redfern	342690	Premise Match	22m	North East
MOTOR ACCESSORIES/DEALERS (M448)	Shalimar Motor Supplies Pty. Ltd.,102 Regent St.,Redfern	334834	Premise Match	22m	North East
BUILDERS & CONTRACTORS- (M.M.B.A.) (B796)	Rudd, WB& FD., 120 Regent St Redfern NSW	270833	Premise Match	23m	South East
PLASTIC GOODS IMPORTERS & DISTRIBUTORS (P560)	Victor,A. J. & Co.,120 Regent St.	349612	Premise Match	23m	South East
MANUFACTURERS' AGENTS (M112)	Victor,A. J. & Co.,120 Regent St.	325384	Premise Match	23m	South East
HAIRDRESSERS (GENT.'S) (H070)	Redfern Hairdresser,The Old,100 Regent St.,Redfern	314341	Premise Match	26m	North East
SECOND-HAND DEALERS (S179)	Sam's Bargain Centre,98 Regent St.,Redfern	360246	Premise Match	30m	North East
CARPET & FLOOR COVERING PLANNERS & LAYERS (C132)	Lane, R& W., 124 Regent St., Redfern	277672	Premise Match	32m	South
SECOND-HAND DEALERS (S179)	Young,N. C.,124 Regent St.,Redfern	360292	Premise Match	32m	South
FURNITURE DEALERS- SECOND-HAND(F720)	Young,N.C,124 Regent St,Redfern	308781	Premise Match	32m	South
UPHOLSTERERS (U050)	Young,N.C.,124 Regent St.,Redfern	372147	Premise Match	32m	South
BOOT & SHOE REPAIRERS (B580)	Athenian Shoes, 96 Regent St., Redfern	268701	Premise Match	34m	North East
FOOTWEAR RETAILERS (F495)	Athenian Shoes,96 Regent St.,Redfern	305449	Premise Match	34m	North East
SECOND-HAND DEALERS (S179)	Weinberg,R.,94 Regent St.,Redfern	360283	Premise Match	39m	North East
MILK,FRUIT JUICE BARS/CONFECTIONERS (M336)	Palms Milk Bar (The),128 Regent St.,Redfern	331012	Premise Match	40m	South
CAFES, COFFEE LOUNGES, Etc. (C030)	Crawford Cafe, 92 Regent St., Redfern	275514	Premise Match	44m	North East

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
BILLIARDS TABLES & EQUIPMENT MFRS&/OR DIST (B345)	Regal Amusement Co. Pty. Ltd., 92 Regent St., Redfern	267009	Premise Match	44m	North East
AUTOMATIC SLOT MACHINE MFRS&/OR DIST (A645.)	Regal Amusement Co. Pty. Ltd., 92 Regent St., Redfern	263934	Premise Match	44m	North East
COIN-COUNTING, TESTING & WRAPPING MACHINE MFRS. (C524)	Regal Amusement Co. Pty. Ltd., 92 Regent St., Redfern	284881	Premise Match	44m	North East
DRY CLEANERS,PRESSERS/DYERS (D710)	Palms Dry Cleaners (The),130 Regent St.,Redfern	292440	Premise Match	44m	South
MOTOR ACCESSORIES/DEALERS (M448)	Bore & Beck Motor Supplies Pty. Ltd.,132 Regent St.,Redfern	334558	Premise Match	49m	South
HOTELS-LICENSED (H690)	Bunnerong Hotel,90 Regent St.,Redfern	317128	Premise Match	52m	North East
BEAUTY SALONS &/OR LADIES' HAIRDRESSERS (B260)	Fascinating Hair Styles, 134 Regent St., Redfern	265870	Premise Match	53m	South
BEAUTY SALONS &/OR LADIES' HAIRDRESSERS (B260)	Flenberg, J., 134 Regent St., Redfern.	265891	Premise Match	53m	South
JEWELLERS/WATCHMAKERS-RETAIL(J060)	Persopoulos,F.,159 Regent St.,Redfern	321233	Premise Match	55m	South East
DENTISTS (D140)	Tighe,N.B.,161 Regent St.,Redfern	289088	Premise Match	56m	South East
FOOTWEAR RETAILERS (F495)	Bargain Shoe Store (The),136 Regent St.,Redfern	305452	Premise Match	57m	South
FOOTWEAR RETAILERS (F495)	Kacen,A.,136 Regent St.,Redfern	305616	Premise Match	57m	South
CAKE SHOPS & PASTRYCOOKS (C045)	McAllum, HM., 165 Regent St., Redfern	276703	Premise Match	57m	South East
CAFES, COFFEE LOUNGES, Etc. (C030)	Liu, CF., 167 Regent St., Redfern	275799	Premise Match	59m	South East
CAFES, COFFEE LOUNGES, Etc. (C030)	Rabaul, 167 Regent St., Redfern	275995	Premise Match	59m	South East
CLOTHING MFRS. &/OR W'SALERS-KNITTED GOODS (C443)	Klein, J., 138 Regent St., Redfern	282656	Premise Match	62m	South
FISH MERCHANTS-RETAIL (F245)	Daily Fish & Chips,171 Regent St.,Redfern	303400	Premise Match	62m	South East
BUILDERS' SUPPLIERS (B814)	Mason & Fletcher Pty. Ltd., 139 Regent St., Redfern	271468	Premise Match	65m	East
ROOFING MATERIAL MFRS. &/OR DISTRIBUTORS (R415)	Mason & Fletcher Pty. Ltd.,139 Regent St.,Redfern	357871	Premise Match	65m	East
HARDWARE DEALERS/IRONMONGERS (H230)	Mason & Fletcher Pty. Ltd.,139 Regent St.REDFERN	315181	Premise Match	65m	East
TOOL DEALERS-RETAIL (T470)	Mason & Fletcher Pty.Ltd.,139 Regent St.,Redfern	369453	Premise Match	65m	East
LAWN MOWER SALES/SERVICE (L310)	Mason Fletcher Pty. Ltd.,139 Regent St.,Redfern	322799	Premise Match	65m	East
PAINT,VARNISH,OILS/COLOUR MERCHANTS (P074)	Mason Fletcher Pty. Ltd.,139 Regent St.,Redfern	346283	Premise Match	65m	East
TAILORS-LADIES'/GENT'S (T015)	Style,S.,135 Regent St.,Redfern	366914	Premise Match	69m	East
TRAVEL GOODS MFRS.(T650)	Caspari,H.Pty.Ltd.,16 Botany St.,Redfern	371204	Premise Match	71m	East
LEATHER GOODS MFRS. &/OR WHOLESALERS (L400)	Caspari,H. Pty. Ltd.,16 Botany St.,Redfern	322947	Premise Match	71m	East
MOTOR GARAGES & ENGINEERS(M6S6)	Redfern Service Station,133 Regent St.REDFERN	338488	Premise Match	72m	East
PHYSICAL CULTURE TEACHERS/GYMNASIUMS (P304)	Home's (Ray) Gym,24 Botany St.,Redfern	348442	Premise Match	72m	South East
BATHS-TURKISH (B170)	Horne's (Ray) Gym, 24 Botany St., Redfern	265167	Premise Match	72m	South East
MOTOR PAINTERS (M672)	New York Car Repairs,24 Botany St.,Redfern	339517	Premise Match	72m	South East
MOTOR PANEL BEATERS (M680)	New York Car Repairs,24 Botany St.,Redfern	340279	Premise Match	72m	South East
COLD STORES (C528)	Hamilton Frozen Products Pty. Ltd., CarGibbons A MarionSts., Redfern	284896	Premise Match	77m	North
ICE MANUFACTURERS &/OR VENDORS (1080)	Hamilton's Frozen Products Pty. Ltd.,Cnr. Gibbons & MarianSts.,Redfern	317988	Premise Match	77m	North
COLD STORES (C528)	N.S.W. Ice & Cold Storage Pty. Ltd., Cnr6ibbons &Marian Sts., Redfern	284906	Premise Match	77m	North

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
ICE MANUFACTURERS &/OR VENDORS (1080)	N.S.W. Ice & Cold Storage Pty. Ltd.,Gibbons St.,Redfern	317997	Premise Match	77m	North
COTTON, TEXTILE & PIECEGOODS MFRS&/OR W'SALERS (C707)	Pizze Pty. Ltd., Rosehill St., Redfern	286184	Premise Match	77m	West
UPHOLSTERERS (U050)	Pizze Pty.Ltd.,32-42 Rosehill St.,Redfern	372111	Premise Match	77m	West
TEXTILE MERCHANTS (T265)	Pizze Pty.Ltd.,32-42 Rosehill St.,Redfern	368315	Premise Match	77m	West
FOOTWEAR MFRS.-MACHINERY MANUFACTURERS (F470)	Pizze Pty.Ltd.,RoseHill St,Redfern	305398	Premise Match	77m	West
TRAVEL GOODS WHOLESALERS (T660)	Pizze Pty.Ltd.,32-42 Rosehill St.,Redfern t	371336	Premise Match	77m	West
CAFES, COFFEE LOUNGES, Etc. (C030)	Red Lion Cafe, 86 Regent St., Redfern	276005	Premise Match	78m	North East
ENGINEERS-COMPRESSED AIR (E540)	Airspeed Products,183 Regent St.,Redfern	297653	Premise Match	78m	South East
ENGINEERS-GENERAL &/OR MFRG.&/OR MECHANICAL (E615)	Airspeed Products,183 Regent St.,Redfern	298853	Premise Match	78m	South East
PNEUMATIC TOOL MFRS. (P636)	Airspeed Products,183 Regent St.,Redfern	351003	Premise Match	78m	South East
BUILDERS' SUPPLIES (B814)	Jones & Joseph Pty. Ltd., 32 Rosehill St., Redfern	271439	Premise Match	78m	West
PLUMBERS' SUPPLIES (P612)	Jones & Joseph Pty. Ltd.,32 Rosehill St,Redfera	350299	Premise Match	78m	West
MERCHANTS-GENERAL (M240)	Jones & Joseph Pty. Ltd.,32 RoseHill St.,Redfern	329477	Premise Match	78m	West
HOBBY/HANDCRAFTS SUPPLIES(H440)	Jones & Joseph Pty. Ltd.,32 RoseHill St.,Redfern	316308	Premise Match	78m	West
MANUFACTURERS' AGENTS (M112)	Jones & Joseph Pty. Ltd.,32 Rosehill St.,Redfern	325014	Premise Match	78m	West
SPORTS GOODS W'SALERS (S446)	Jones & Joseph Pty. Ltd.,32 RosehillStRedfern	363608	Premise Match	78m	West
TOY IMPORTERS &/OR WHOLESALERS(T540)	Jones & Joseph Pty.Ltd.,32 Rosehill St.,Redfern	370357	Premise Match	78m	West
TEXTILE IMPORTERS &/OR WHOLESALERS (T245)	Pizze Pty.Ltd,32 Rosehill St,Redfern	368097	Premise Match	78m	West
UPHOLSTERERS' SUPPLIES (U070)	Pizze Pty.Ltd,32 Rosehill St,Redfern	372189	Premise Match	78m	West
FOOTWEAR MFRS., REPAIRERS &/OR SUPPLIES (F475)	Pizze Pty.Ltd,32 RoseHill St,Redftm	305239	Premise Match	78m	West
MOTOR TRIMMERS' SUPPLIES (M752)	Pizze Pty. Ltd.,32 Rosehill St.,Redfern	342722	Premise Match	78m	West
LEATHER/GRINDERY MERCH. (L380)	Ptazty Pty. Ltd,32 Rosafill St,Redfern	323091	Premise Match	78m	West
CAFES, COFFEE LOUNGES, Etc. (C030)	Rodon, 84 Regent St., Redfern	276033	Premise Match	83m	North East
CAFES, COFFEE LOUNGES, Etc. (C030)	To Poan Continental, 84 Regent St., Redfern	276161	Premise Match	83m	North East
CARPET & FLOOR COVERING RETAILERS &/OR SPECIALISTS (C135)	Wedds Carpets, 2 Botany St., Redfern	277850	Premise Match	84m	North East
SECOND-HAND DEALERS (S179)	Weld,Herbert,2 Botany St.,Redfern	360284	Premise Match	84m	North East
DELICATESSENS (D080)	Balkan Foods,82 Regent St.Redfern	287131	Premise Match	89m	North East
MIXED BUSINESSES (M408)	Mixed Business,82 Regent St.,Redfern	333358	Premise Match	89m	North East
FOOTWEAR WHOLESALERS &/OR DISTRIBUTORS (F505)	McMurtie (N.S.W.) Pty.Ltd.,RoseHill & Marion Sts.,Redfern	305827	Premise Match	89m	North West
FOOTWEAR MFRS.-CHILDREN'S/INFANTS' (F465)	McMurtie (N.S.W.) Pty.Ltd,RoseHill & Marlon Sts,Rdfm	305383	Premise Match	89m	North West
FOOTWEAR MFRS.-SLIPPERS (F490)	McMurtie (N.S.W.) Pty.Ltd,RoseHill & Marlon Sts,Rdfm	305427	Premise Match	89m	North West
FOOTWEAR MFRS.-SANDALS (F480)	McMurtie (N.S.W.) Pty.Ltd.,Rosehill & Marion St,Redfern	305407	Premise Match	89m	North West
FOOTWEAR MFRS.-BOOTS/SHOES (F460)	McMurtie (N.S.W.) Pty.Ltd.,RoseHill & Marlon Sts.,Rdfm	305330	Premise Match	89m	North West
KNITTING MILLS (K095)	Bartex Fabrics Pty. Ltd.,33 Rosehill St.,Redfern	322147	Premise Match	89m	South West
PLEATING SPECIALISTS (P604)	Bartex Fabrics Pty. Ltd.,44 Rosehill St.,Redfern	350177	Premise Match	89m	South West



Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
TEXTILE IMPORTERS &/OR WHOLESALERS (T245)	Bartex Fabrics Pty.Ltd.,44 Rosehill St,Redfern	368009	Premise Match	89m	South West
TEXTILE MANUFACTURERS (T255)	Bartex Fabrics Pty.Ltd.,Rosehill St.,Redfern	368182	Premise Match	89m	South West
TEXTILE IMPORTERS &/OR WHOLESALERS (T245)	Foamtex Pty.Ltd,44 Rosehill St,Redfern.	368044	Premise Match	89m	South West
FOAM COATING SPECIALISTS (F398)	Foamtex Pty.Ltd.,Rosehill St.,Redfern.	304745	Premise Match	89m	South West
CAFE EQUIPMENT & SUPPLIES (C027)	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	275259	Premise Match	92m	South
ABATTOIRS' MACHINERY SUPPLIES-MANUFACTURERS (A010)	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	258341	Premise Match	92m	South
DAIRY UTENSILS-MANUFACTURERS &/OR DISTRIBUTORS (D050)	Mackie,Ern Pty.Ltd.,150 Regent St.,Redfern	286932	Premise Match	92m	South
FOOD PROCESSING MACH. MFRS./DEALERS (F425)	Mackie,Ern Pty.Ltd.,150 Regent St.,Redfern	304918	Premise Match	92m	South
TRUCKS & TROLLEYS-INDUSTRIAL -IMPORTS.&/OR MFRS.(T680)	Mackie,Ern Pty.Ltd.,150 Regent St.,Redfern	371366	Premise Match	92m	South
WELDERS-ELECTRIC &/OR OXY (W145)	Mackie,Ern Pty.Ltd.,150 Regent St.,Redfern	373789	Premise Match	92m	South
BAKERS' & PASTRYCOOKS' MACHINERY MFRS., IMP&/OR DIST (B070)	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern.	264455	Premise Match	92m	South
BAKERS' & PASTRYCOOKS' SUPPLIES (B075)	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	264496	Premise Match	92m	South
BUTCHERS' SUPPLIES (B864)	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	273017	Premise Match	92m	South
TINSMITHS (T425)	Mackie,Ern Pty.Ltd.,150 Regent St.,Redfern	369160	Premise Match	92m	South
SHEET METAL WORKERS (S230)	Mackie,Ern Pty. Ltd.,150 Regent St.,Redfern	360671	Premise Match	92m	South
HOTEL/MOTEL EQUIPMENT/SUPPLIES(H680)	Mackie,Ern Pty. Ltd.,150 Regent St.,Redfern	317019	Premise Match	92m	South
WIREWORKERS-GENERAL (W365)	Mackie,Ern Pty.Ltd.,150 Regent St.,Redfern	374938	Premise Match	92m	South
STORE & PACKING ROOM EQUIPMENT MANUFACTURERS&/OR DISTRIBUTORS (S778)	Mackie,Ern.Pty.Ltd,150 Regent St,Redfern	366221	Premise Match	92m	South
FOOTWEAR RETAILERS (F495)	Regent Street Shoe Repairs,189 Regent St.,Redfern	305703	Premise Match	92m	South
TAILORS-LADIES'/GENT'S (T015)	European Tailor,80 Regent St.,Redfern	366692	Premise Match	94m	North East
FRUITERERS/GREENGROCERS (F640)	Redfern Fruiterers,80 Regent St.,Redfern	307813	Premise Match	94m	North East
POULTRY DEALERS-RETAIL (P692)	Hayward,W.,191 Regent St.,Redfern2114	351243	Premise Match	96m	South
GROCERS-RETAIL (G655)	Redfern Grocery,78 Regent St.,Redfern	312926	Premise Match	99m	North East
JEWELLERS/WATCHMAKERS-RETAIL(J060)	Broadbent,George,193 Regent St,Redfern	320971	Premise Match	101m	South
PHOTOGRAPHERS-PORTRAIT (P284)	Hollywood Portraits,193 Regent St.,Redfern	348073	Premise Match	101m	South
ELECTRICAL SUPPLIES/ APPLIANCES RETAILERS (E325)	Watson,P.J.Pty.Ltd.,193 Regent St.Redfern	295961	Premise Match	101m	South
MOTOR PANEL BEATERS (M680)	Eagle Body Works,154 Regent St.,Redfern	340009	Premise Match	103m	South
MOTOR PAINTERS (M672)	Eagle Body Works,154 Regent St.,Redfern	339266	Premise Match	103m	South
DELICATESSENS (D080)	Merlino Bros.,76 Regent St.,Redfern	287695	Premise Match	104m	North East
BATH & SINK HEATER REPAIRS (B125)	Mathias & Co., 56 Botany St., Redfern.	265037	Premise Match	104m	South East
DRY CLEANERS,PRESSERS/DYERS (D710)	Personality Dry Cleaners,74 Regent St.,Redfern	292451	Premise Match	109m	North East
MOTOR BODY REPAIRS/CONVERTERS(M496)	Town Auto Repairs Pty. Ltd., 60 Botany St., Redfern	335424	Premise Match	111m	South East
MOTOR PANEL BEATERS (M680)	Town Auto Repairs Pty. Ltd.,60 Botany St.,Redfern	340492	Premise Match	111m	South East
MOTOR PAINTERS (M672)	Town Auto Repairs Pty. Ltd.,60 Botany St.,Redfern	339701	Premise Match	111m	South East

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
MOTOR BODY BUILDERS (M488)	Town Auto Repairs,60 Botany St.,Redfern	335231	Premise Match	111m	South East
SPRAYERS-INDUSTRIAL (S461)	Town Auto Repairs,60 Botany St.,Redfern	363811	Premise Match	111m	South East
MOTOR GARAGES & ENGINEERS(M6S6)	Town Auto Repairs,60 Botany St.REDFERN	338784	Premise Match	111m	South East
BUTCHERS-RETAIL (B860)	Barnsley, RTPty. Ltd., 51 Botany St., Redfern	273160	Premise Match	114m	East
BUTCHERS-WHOLESALE (B868)	Barnsley, RTPty. Ltd., 51-53 Botany St., Redfern	274887	Premise Match	114m	East
BOTTLE MERCHANTS & EXCHANGES (B610)	Furze, EPty. Ltd., 39 Botany St., Redfern	269375	Premise Match	114m	East
POULTRY DEALERS-RETAIL (P692)	Redland Poultry Supplies Pty. Ltd.,72 Regent St.,Redfern	351282	Premise Match	114m	North East
POULTRY DEALERS-W'SALE (P696)	Redland Poultry Supplies Pty. Ltd.,72 Regent St.,Redfern	351333	Premise Match	114m	North East
BUILDERS' SUPPLIERS (B814)	Reads Building Supplies, 35 Botany St., Redfern	271543	Premise Match	116m	East
ELECTRICAL SUPPLIES/ APPLIANCES RETAILERS (E325)	Reads Building Supplies,35 Botany St.,Redfern	295867	Premise Match	116m	East
PLUMBERS' SUPPLIES (P612)	READS BUILDING SUPPLIES,35 BOTANY ST.,REDFERN	350343	Premise Match	116m	East
HOT WATER SYSTEMS-ELECTRIC MFRS.&/OR DIST. (H640)	Reads Building Supplies,35 Botany St.,Redfern	316881	Premise Match	116m	East
HOT WATER SYSTEMS-GAS-MFRS.&/OR DISTRIBUTORS (H655)	Reads Building Supplies,35 Botany St.,Redfern	316915	Premise Match	116m	East
RANGES-GAS-IMPORTERS &/OR DISTRIBUTORS (R160)	Reads Building Supplies,35 Botany St.,Redfern	354841	Premise Match	116m	East
SANITARYWARE RETAILERS (S083)	Reads Building Supplies,35 Botany St.,Redfern,2016.	359114	Premise Match	116m	East
PLUMBERS' SUPPLIES (P612)	Read's Building Supplies,35 Botany St.,Redfern.	350344	Premise Match	116m	East
CLUBS & SPORTING BODIES (C487)	Redfern Greek Club, 70 Regent St., Redfern	284593	Premise Match	119m	North East
RADIO &/OR TELEVISION SALES & SERVICEMEN (R090)	Regent Radio Sales & Service,70 Regent St.REDFERN	354481	Premise Match	119m	North East
ELECTRICAL SUPPLIES/ APPLIANCES RETAILERS (E325)	Regent Radio,70 Regent St,Redfern	295868	Premise Match	119m	North East
PACKAGING/PACKING SPEC. (P 004)	Butterfield & Lewis Pty. Ltd,Marian St,Redfern	345707	Road Intersection	120m	North West
BOOKBINDERS (B527)	Butterfield & Lewis Pty. Ltd., Marian St., Redfern	268169	Road Intersection	120m	North West
CARDBOARD BOX & CARTON MANUFACTURERS (C111)	Butterfield & Lewis Pty. Ltd., Marian St., Redfern.	277453	Road Intersection	120m	North West
STATIONERY-LOOSE LEAF SYSTEMS & EQUIPMENT MFRS. &/OR DISTRIBUTORS (S522)	Butterfield & Lewis Pty. Ltd.,Marian St.,Redfern	364989	Road Intersection	120m	North West
PRINTERS-LETTERPRESS (P806)	Butterfield & Lewis Pty. Ltd.,Marian St.,Redfern.	351959	Road Intersection	120m	North West
PRINTERS-LITHOGRAPHIC (OFFSET)(P810)	Butterfield & Lewis Pty. Ltd.,Marian St.,Redfern.	352497	Road Intersection	120m	North West
OFFICE FILING SYSTEM MFRS. &/OR DISTRIBUTORS (O 040)	Butterfield StLewis Pty. Ltd.,Marian St.,Redfern	344762	Road Intersection	120m	North West
PRINTERS-LITHOGRAPHIC (OFFSET)(P810)	EPWORTH PRESS 31 BOTANY ST.,REDFERN,2016,P.O. BOX 95-BOTANY	352543	Premise Match	123m	East
PRINTERS-LITHOGRAPHIC (OFFSET)(P810)	Epworth Press,31 Botany St.,Redfern	352544	Premise Match	123m	East
PUBLISHERS (P886)	Epworth Press,31 Botany St.,Redfern	353402	Premise Match	123m	East
PRINTERS-LETTERPRESS (P806)	Epworth Press,31 BOTANY ST.,REDFERN,2016BOX 95,REDFERN	352054	Premise Match	123m	East
PRINTERS-LETTERPRESS (P806)	Epworth Press,31 Botany St.,Redfern.	352055	Premise Match	123m	East
ANIMAL & BIRD FOOD SUPPLIES (A375)	Clarke, E. & Sons, 158 Regent St, Redfern (Bird Seed)	261499	Premise Match	123m	South
PRODUCE MERCHANTS-GRAIN & SEED-RETAIL (P854)	Clarke,E. & SONS,158 Regent St.,Redfern	352969	Premise Match	123m	South
FUEL MERCHANTS-COAL/COKE,WOOD (F650)	Clarke,E.& Sons,158 Regent St.,Redfern	308260	Premise Match	123m	South
CHAIR MANUFACTURERS (C239)	Hare & Murray Pty. Ltd., 66 Botany St, Redfern	279106	Premise Match	127m	South East
CLEANING CLOTH MFRS. (C389)	Hansen, Julius VPty. Ltd., CnrBoundary & Cornwallis Sts.,Redfern	281879	Premise Match	129m	South West

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
CARDBOARD BOX & CARTON MANUFACTURERS (C111)	Hansen, Julius VPty. Ltd., CnrBoundary & Cornwallis Sts.,Redfern	277475	Premise Match	129m	South West
COTTON WASTE MFRS. (C710)	Hansen, Julius VPty. Ltd., CnrBoundary & Cornwallis Sts.,Redfern	286108	Premise Match	129m	South West
WASTE PRODUCT MERCHANTS (W070)	Hansen,Julius V.Pty.Ltd.,Cnr.Boundary & Cornwallis Sts.,Redfern	373164	Premise Match	129m	South West
TEXTILE WASTE MERCHANTS (T285)	Hansen,Julius V.Pty.Ltd.,Cnr.Boundary & CornwallisSts.,Redfern	368406	Premise Match	129m	South West
SHIPPING PROVIDORES (S270)	Murrells Wholesale Providoring Co. Pty. Ltd.,16 Gibbons St	361239	Premise Match	131m	North
FOODS-FROZEN-SPECIALISTS (F439)	Murrells Wholesale Providoring Co.Pty.Ltd.,16 Gibbons St.,Redfern	305170	Premise Match	131m	North
COLD STORES (C528)	Murrells Wholesale Providoring Co. Pty. Ltd., 16 GibbonsSt., Redfern	284905	Premise Match	131m	North
POULTRY DEALERS-W'SALE (P696)	Murrells Wholesale Providoring Co. Pty. Ltd.,16 GibbonsSt.,Redfern	351325	Premise Match	131m	North
FISH MERCHANTS-W'SALE (F250)	Murrells Wholesale Providoring Co.Pty.Ltd.,16 GibbonsSt.,Redfern	303879	Premise Match	131m	North
PLEATING SPECIALISTS (P604)	Ellen Pleating Co. Pty. Ltd.,66 Regent St.	350181	Premise Match	132m	North East
PLASTIC GOODS MFRS. (P564)	Green,Robert E. (Plastics) Pty. Ltd.,66 Regent St.,Sydney,2000.	349686	Premise Match	132m	North East
STATIONERY-LOOSE LEAF SYSTEMS & EQUIPMENT MFRS. &OR DISTRIBUTORS (S522)	Cumberland Stationery Co. (The),68 Botany St.,Redfern'	364991	Premise Match	133m	South East
PLASTIC GOODS MFRS. (P564)	Cumberland Stationery Co. (The),68-70 Botany St.,Redfern	349659	Premise Match	133m	South East
PHOTO ALBUMS/ACCESSORIES MFRS.(P252)	Cumberland Stationery Co. (The),68-70 Botany St.,Redfern	347677	Premise Match	133m	South East
LEATHER GOODS MFRS. &OR WHOLESALE (L400)	Cumberland Stationery Co. (The),68-70 Botany St.,Redfern	322951	Premise Match	133m	South East
STATIONERS-WHOLESALE (S519)	Cumberland Stationery Co. (The),68-70 Botany St.Redfern	364911	Premise Match	133m	South East
ENVELOPE MANUFACTURERS (E810)	Cumberland Stationery Co.(The),68 Botany St.,Redfern	301384	Premise Match	133m	South East
MANUFACTURERS' AGENTS (M112)	Cahill,J. H. Pty. Ltd.,64 Regent St.,Redfern	324735	Premise Match	137m	North East
TOBACCO MERCH.-W'SALE (T430)	Cahill,J.H.Pty.Ltd.,64 Regent St.,Redfern	369165	Premise Match	137m	North East
MATERIAL HANDLING EQUIPMENT IMPORTS. &OR DIST. (M160)	Plessey Automotive Group,13 Botany St.,Redfern	325764	Premise Match	143m	North East
TELES (T150)	Plessey Automation Group,13 Botany St.,Redfern	367602	Premise Match	143m	North East
AIRCRAFT COMPONENT PARTS MFRS (A270)	Plessey Dynamics Pty. Ltd., 13 Botany St, Redfern	261071	Premise Match	143m	North East
AIRCRAFT EQUIPMENT MFRS. &OR DIST. (A280)	Plessey Dynamics Pty. Ltd., 13 Botany St, Redfern	261096	Premise Match	143m	North East
PUMP MANUFACTURERS &OR DISTRIBUTORS (P906)	Plessey Dynamics Pty. Ltd.,13 Botany St.,Redfern	353816	Premise Match	143m	North East
RECORDING EQUIPMENT MFRS.,IMPORTS. &OR DIST (R225)	Plessey Electronics' Pty. Ltd.,13-17 Botany St.,Redfern	356366	Premise Match	143m	North East
RADIO TELEATION SPECIALISTS (R055)	Plessey Electronics Pty. Ltd.,13-17 Botany St.,Redfern	354645	Premise Match	143m	North East
ELECTRONIC EQUIPMENT MFRS.&OR DISTRIBUTORS (E355)	Plessey Electronics Pty.Ltd.,13-17 Botany St.,Redfern	296428	Premise Match	143m	North East
CAKE SHOPS & PASTRYCOOKS (C045)	Szittner, K& W., 2 Gibbons St., Redfern	276926	Premise Match	148m	North
SANDWICH/LUNCHEON SHOPS (S065)	Szittner,K. & N.,2 Gibbons St.,Redfern	358952	Premise Match	148m	North
DELICATESSENS (D080)	Szittner,K.& N.,2 Gibbons St.,Redfern	288013	Premise Match	148m	North
MILK,FRUIT JUICE BARS/CONFECTIONERS (M336)	Chios Milk Bar,60 Regent St.,Redfern	330477	Premise Match	148m	North East
COPPERSMITHS (C668)	Dunbar, P., 95 Botany St., Redfern	285822	Premise Match	148m	South East
MARINE PLUMBERS (M136)	Dunbar,P.,95 Botany St.,Redfern	325592	Premise Match	148m	South East
BATTERY SALES & SERVICE (B230)	Hy-Beam Electric Pty. Ltd., 95 Botany St., Redfern	265362	Premise Match	148m	South East
SANDWICH/LUNCHEON SHOPS (S065)	Boundary Corner Sandwich Shop,88 Rosehill St.,Redfern	358621	Premise Match	148m	South West

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
TRAVEL GOODS RETAILERS (T655)	Brandons,2-4 Botany Rd.,Alexandria	371239	Premise Match	149m	South
PAWNBROKERS/MONEYLENDERS(P208)	Brandons,2-4 Botany Rd.,Alexandria	347454	Premise Match	149m	South

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

## 1970 Business Directory Records Road or Area Matches

Records from the 1970 UBD Business Directory, 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:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
MOTOR CAR/TRUCK DEALERS-NEW/USED (M520)	Redfern Bridge Car Sales,Gibbons St.,Redfern	336225	Road Match	0m
IMPORTERS (I200)	Mar ben Trading Pty. Ltd.,Regent St.,Redfern	318535	Road Match	26m
MERCHANTS-GENERAL (M240)	Marben Trading Pty. Ltd.,Regent St.,Redfern	329530	Road Match	26m
EXPORTERS (E835)	Marben Trading Pty.Ltd Regent St Redfern	301743	Road Match	26m
DYERS/BLEACHERS-TRADE (D830)	B.& B.Dyers & Bleachers Pty.Ltd,Rosehill St.Redfrn	292896	Road Match	41m
TEXTILE DYERS (T240)	B.& B.Dyers & Bleachers Pty.Ltd.,Rosehill St.,Redfern	367987	Road Match	41m
TEXTILE MANUFACTURERS (T255)	Bart Textiles Pty.Ltd.,Rosehill St.,Redfern	368181	Road Match	41m
TEXTILE COATERS &/OR TREATERS(T238)	Bonded Fabrics Pty.Ltd.,Rosehill St.,Redfern	367976	Road Match	41m
SCREEN PROCESS PRINTERS (S168)	Brown Display Co., 30 Rosehill St., Redfern	359943	Road Match	41m
TEXTILE COATERS &/OR TREATERS(T238)	Foamtex Pty.Ltd.,Rosehill St.,Redfern	367980	Road Match	41m
UPHOLSTERERS (U050)	Mast Pty.Ltd., 30 Rosehill St., Redfern	372084	Road Match	41m
FOOTWEAR WHOLESALERS &/OR DISTRIBUTORS (F505)	Osborne & Crowe Pty.Ltd.,Rosehill St.,Redfern	305830	Road Match	41m
INDENTORS/INDENT AGENTS (I230)	Qualitex Distributors Pty. Ltd., Rosehill St., Redfern	319060	Road Match	41m
MANUFACTURERS' AGENTS (M112)	Qualitex Distributors Pty. Ltd., Rosehill St., Redfern	325219	Road Match	41m
TEXTILE AGENTS (T230)	Qualitex Distributors Pty. Ltd., Rosehill St., Redfern	367955	Road Match	41m
INDENTORS/INDENT AGENTS (I230)	British Automatic Teleric Pty. Ltd,BotanySt,Redfern	318942	Road Match	77m
INTER-COMMUNICATING SYSTEMS EQUIPMENT DISTRIBUTORS (I600)	British Automatic Teleric Pty. Ltd.,BotanySt.,Redfern	320492	Road Match	77m
RADIO TELEATION SPECIALISTS (R055)	British Automatic Teleric Pty. Ltd.,BotanySt.,Redfern	354638	Road Match	77m
TELECOMMUNICATIONS (T135)	British Automatic Teleric Pty.Ltd.,Botany St.,Redfern	367543	Road Match	77m
ENGINEERS-COMMUNICATION (E537)	British Automatic Teleric Pty.Ltd.,BotanySt.,Redfern	297644	Road Match	77m
EXPORTERS (E835)	British Automatic Teleric Pty.Ltd.,BotanySt.,Redfern	301514	Road Match	77m
TELES (T150)	British Automatic Teleric Pty.Ltd.,BotanySt.,Redfern	367594	Road Match	77m
FRUIT JUICE EXTRACT MFRS./MERCHANTS IF630I	Orange Spot Pty.Ltd.(The),Botany St.,Redfern	306340	Road Match	77m
IMPORTERS (I200)	British Automatic Teleric Pty. Ltd.,BotanySt.,Redfent	318123	Road Match	109m
PRODUCE MERCH.-W/SALE (P858)	Maloney,M. Produce Pty. Ltd,Boundary St,Redfern	352879	Road Match	133m
SEED MERCHANTS (S182)	Maloney,M. Produce Pty. Ltd.,Boundary St.,Redfern	360322	Road Match	133m
CARDBOARD BOX & CARTON MANUFACTURERS (C111)	Curtis Packaging Pty. Ltd., Botany Rd., Alexandria	277461	Road Match	146m
PACKAGING/PACKING SPEC. (P 004)	Curtis Packaging Pty. Ltd.,Botany Rd.,Alexandria	345728	Road Match	146m
TYRE DEALERS,RETREADERS & VULCANIZERS (T773)	Uniroyal Tyre Service,Botany Rd.,Alexandria	371770	Road Match	146m
RADIO &/OR T.V. COMPONENT PARTS DEALERS (R060)	Arcadian Manufacturing Co. Pty. Ltd., Renwick St., Rdfrn	353983	Road Match	148m
MOTOR GARAGES & ENGINEERS(M6S6)	Wyndham Service Centre,Wyndham St.ALEXANDRIA	338920	Road Match	149m

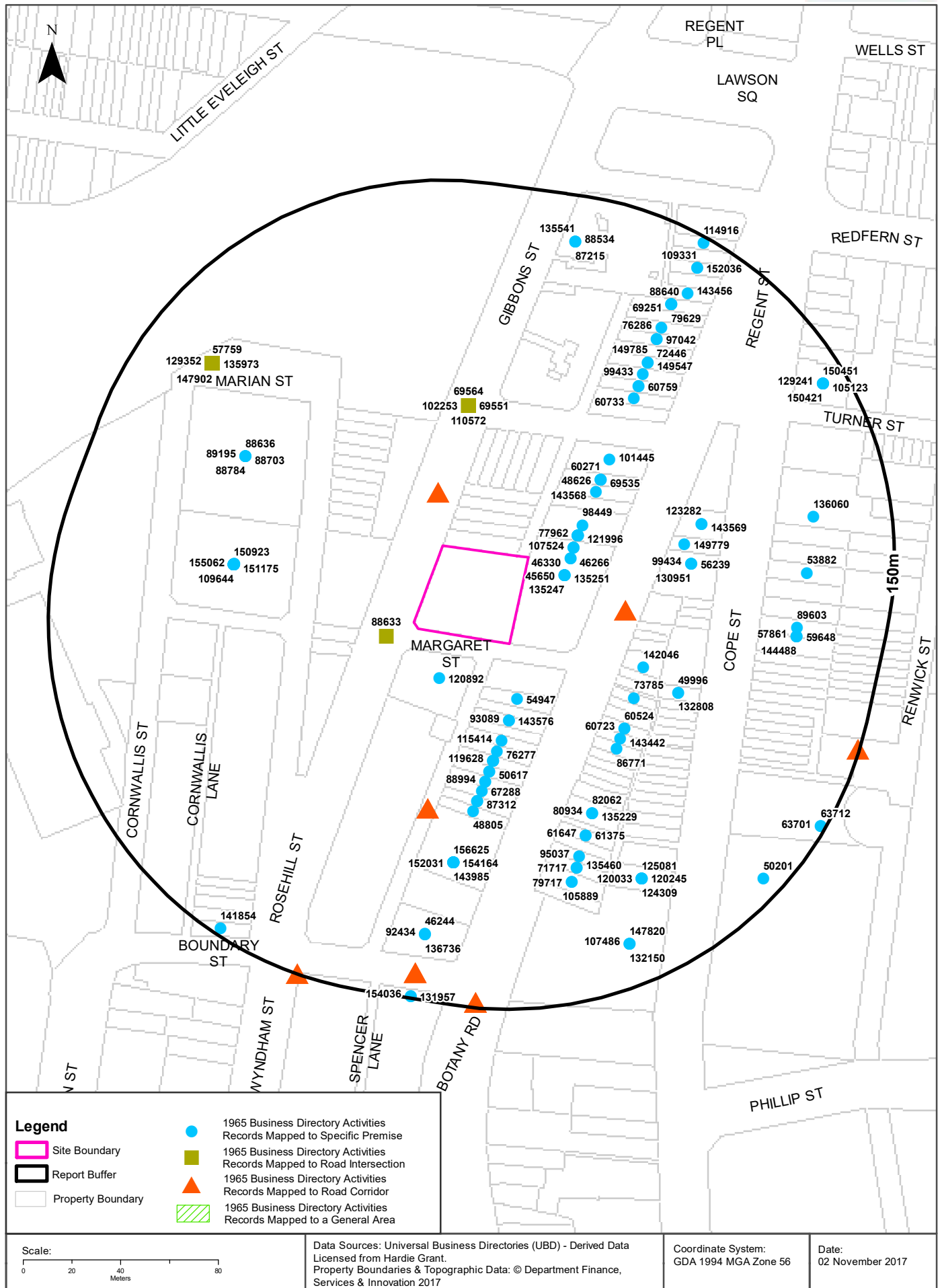


Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
MOTOR SERVICE STATIONS- PETROL,OIL,Etc. (M716)	Wyndham Service Centre,Wyndham St.ALEXANDRIA	341647	Road Match	149m

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

# 1965 Historical Business Directory Records

13-23 Gibbons Street, Redfern, NSW 2016



## Historical Business Directories

13-23 Gibbons Street, Redfern, NSW 2016

### 1965 Business Directory Records Premise or Road Intersection Matches

Records from the 1965 UBD Business Directory, mapped to a premise or road intersection, within the dataset buffer:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
Footwear Mfrs. - Boots/Shoes	Lyon Shoe Pty. Ltd., Gibbons & Margaret Sts., Redfern	88633	Road Intersection	13m	South West
Gear Cutter/Mfrs.	Pneumatic Tool & Engineering Co. Pty St., , 112 Regent St., Redfern	94725	Premise Match	16m	East
Pneumatic Tool Mfrs.	Pneumatic Tool & Engineering Co. Pty. Ltd. , 112-116 Regent St., Redfern	135247	Premise Match	16m	East
Pneumatic Tool Spare Parts	Pneumatic Tool & Engineering Co. Pty. Ltd. , 112-116 Regent St., Redfern	135251	Premise Match	16m	East
Engineers General &/or Mfrg. &/or Mechanical	Pneumatic Tool & Engineering Co. Pty. Ltd. , 112-116 Regent St., Redfern	82775	Premise Match	16m	East
Air Compressor Mfrs. &/or Dists.	Pneumatic Tool & Engineering Co. Pty. Ltd. , 112-116 Regent St., Redfern	45650	Premise Match	16m	East
Animal & Bird Food Supplies	Garal Kennel Pet Shop, , 106 Regent St., Redfern	46266	Premise Match	17m	East
Animal & Bird Food Supplies	Redfern Pet Shop, , 106 Regent St., Redfern	46330	Premise Match	17m	East
Handbag Mfrs. &/or Wholesalers	Lizard & Co. , 104 Regent St , Redfern	98894	Premise Match	19m	North East
Laeather Goods Mfrs. &/or Wholesalers	Lizard & Co., 104 Regent St., Redfern	107524	Premise Match	19m	North East
Travel Goods Mfrs.	Lizard & Co., 104 Regent St., Redfern	154010	Premise Match	19m	North East
Motor Car/Truck Dealers - New/Used	Redfern Bridge Car Sales, Gibbons St., Redfern	120892	Premise Match	19m	South
Sheet Metal Workers Machinery - Mfrs. &/or Merchants	Associated Engineering Sales Co. , 102 Regent St. Redfern	144101	Premise Match	22m	North East
Gauge Mfrs. &/or Importers	Associated Engineering Sales Co. , 102 Regent St., Redfern	94677	Premise Match	22m	North East
Builders' Suppliers	Associated Engineering Sales Co. , 102 Regent St., Redfern	55979	Premise Match	22m	North East
Electric Motors - Dealers &/or Wholesalers	Associated Engineering Sales Co., 102 Regent St., Redfern	77962	Premise Match	22m	North East
Foundry Supplies - General, Facings, Etc.	Associated Engineering Sales Co., 102 Regent St., Redfern	89546	Premise Match	22m	North East
Instruments - Scientific - Importers, Mfrs. &/or Dists.	Associated Engineering Sales Co., 102 Regent St., Redfern	103848	Premise Match	22m	North East
Motor Garage Equipment/Tool Mfrs./Distributors	Associated Engineering Sales Co., 102 Regent St., Redfern	121996	Premise Match	22m	North East
Welding Equipment & Supplies Mfrs. &/or Dists.	Associated Engineering Sales Ltd.Co. , 102 Regent St., Redfern	156959	Premise Match	22m	North East
Engineers - Consulting	Lowry, E. C. , 102 Regent St., Redfern	81127	Premise Match	22m	North East
Builders & Contractors - (M.M.B.A.) - Redfern	Rudd, W. B. & F. D. , 120 Regent St.	54947	Premise Match	23m	South East
Hairdressers (Gent.'s)/Tobacconists	Redfern Hairdresser, , The Old, 100 Regent St., Redfern	98449	Premise Match	26m	North East
Furniture Dealers - Second - Hand	Young, N. C. , 124 Regent St., Redfern	93089	Premise Match	32m	South
Second - Hand Dealers	Young, N. C. , 124 Regent St., Redfern	143576	Premise Match	32m	South
Second - Hand Dealers	Weinberg, Anne. , 94 Regent St., Redfern	143568	Premise Match	39m	North East
Milk, Fruit Juice Bars/Confectioners	Palms Milk Bar (The), 128 Regent St., Redfern	115414	Premise Match	40m	South
Cafes, Tea Rooms, Coffee Lounges, Etc.	Crawford Cafe , 92 Regent St., Redfern	60271	Premise Match	44m	North East
Billiards Tables & Equipment Dists.	Regal Amusement Co. Pty. Ltd. , 92 Regent St., Redfern	51543	Premise Match	44m	North East

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
Automatic Slot Machine Manufacturers	Regal Amusement Co. Pty. Ltd. , 92 Regent St., Redfern	48626	Premise Match	44m	North East
Coin-Counting, Testing & Wrapping Machine Mfrs.	Regal Amusement Co. Pty. Ltd., 92 Regent St., Redfern	69535	Premise Match	44m	North East
Dry Cleaners, Pressers/Dyers	Palms Dry Cleaners (The), 130 Regent St., Redfern	76277	Premise Match	44m	South
Motor Accessories - Dealers	Shalimar Motor Supplies Pty. Ltd., 132 Regent St., Redfern	119628	Premise Match	49m	South
Motor Spare Parts Dealers - Retail	Shalimar Motor Supplies Pty. Ltd., 132 Regent St., Redfern	126642	Premise Match	49m	South
Motor Spare Parts Mfrs. &/or Wholesalers	Shalimar Motor Supplies Pty. Ltd., 132 Regent St., Redfern	126825	Premise Match	49m	South
Motor Trimmers	Shalimar Motor Supplies Pty. Ltd., 132 Regent St., Redfern	127288	Premise Match	49m	South
Hotels - Licensed	Bunnerorg Hotel, 90 Regent St., Redfern	101445	Premise Match	52m	North East
Beauty Salons &/or Ladies Hairdressers	Fascinating Hair Styles, , 134 Regent St., Redfern	50608	Premise Match	53m	South
Beauty Salons &/or Ladies Hairdressers	Flenbeeg. J. , 134 Regent St., Redfern	50617	Premise Match	53m	South
Sandwich & Luncheon Shops	Midway Sandwich Bar (The), 155 Regent St., Redfern	142046	Premise Match	56m	South East
Dentists	Tighe, N. B., 161 Regent St., Redfern	73785	Premise Match	56m	South East
Footwear Retailers	Bargain Shoe Store (The), 136 Regent St., Redfern	88840	Premise Match	57m	South
Footwear Retailers	Kacen, A., 136 Regent St., Redfern	88994	Premise Match	57m	South
Cold Stores	Hamilton Frozen Products Pty. Ltd., Cnr. Gibbons & Marion Sts., Redfern	69551	Road Intersection	58m	North
Ice Manufacturers &/or Vendors	Hamilton's Frozen Products Pty. Ltd., Cnr. Gibbons & Marian Sts., Redfern	102253	Road Intersection	58m	North
Cold Stores	N.S.W. Ice & Cold Storage Pty. Ltd., Cnr. Gibbons & Marian Sts., Redfern	69564	Road Intersection	58m	North
Exporters	United Purchasers Pty. Ltd., Cnr. Gibbons & Marian Sts., Redfern	85260	Road Intersection	58m	North
Meat Exporters	United Purchasers Pty. Ltd., Cnr. Gibbons & Marian Sts., Redfern	110572	Road Intersection	58m	North
Cafes, Tea Rooms, Coffee Lounges, Etc.	Liu, C. F. , 167 Regent St., Redfern	60524	Premise Match	59m	South East
Cafes, Tea Rooms, Coffee Lounges, Etc.	Rabaul, , 167 Regent St., Redfern	60723	Premise Match	59m	South East
Second - Hand Dealers	Bolgraaf, M. , 169 Regent St., Redfern	143442	Premise Match	60m	South East
Clothing Mfrs. &/or W'salers - Knitted Goods	Klein, J., 138 Regent St., Redfern	67288	Premise Match	62m	South
Fish Merchants - Retail	Daily Fish & Chips, 171 Regent St., Redfern	86771	Premise Match	62m	South East
TAILORS-LADIES'/GENT.'S	Style, S. , 135 Regent St., Redfern	149779	Premise Match	64m	East
SPORTS GOODS RETAILERS	Tesseyman, C. , 140 Regent St., Redfern	146577	Premise Match	66m	South
Golf Tutors/Professionals	Tesseyman, C. , 140 Regent St., Redfern	95605	Premise Match	66m	South
Fishing Tackle Manufacturers &/or Dealers	Tesseyman, C., 140 Regent St., Redfern	87312	Premise Match	66m	South
Builders' Suppliers	Mason & Fletcher Pty. Ltd. , 137 Regent St., Redfern	56239	Premise Match	67m	East
Hardware Dealers &/or Iron Mongers - Redfern	Mason & Fletcher Pty. Ltd., 137 Regent St.	99434	Premise Match	67m	East
Paint, Varnish, Oils/Colour Merchants	Mason & Fletcher Pty. Ltd., 137 Regent St., Redfern	130951	Premise Match	67m	East
Baby & Children's Wear - Retail	Fleming, Mrs. L. , 142 Regent St., Redfern	48805	Premise Match	70m	South
Motor Garages & Engineers - Redfern	Redfern Service Station, 133 Regent St.	123282	Premise Match	72m	East
Second - Hand Dealers	Weld, Herbert, , 2 Botany St., Redfern	143569	Premise Match	72m	East
Baths - Turkish	Horne's (Ray) Gym, , 24 Botany St., Redfern	49996	Premise Match	72m	South East
Physical Culture Teachers/Gymnasiums	Horne's (Ray) Gym, 24 Botany St., Redfern	132808	Premise Match	72m	South East
Pneumatic Tool Mfrs.	Airspeed Products, , 183 Regent St., Redfern	135229	Premise Match	77m	South East
Engineers General &/or Mfrg. &/or Mechanical	Airspeed Products, , 183 Regent St., Redfern	82062	Premise Match	77m	South East

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
Engineers - Compressed	Airspeed Products, , 183 Regent St., Redfern	80934	Premise Match	77m	South East
Toy Importers &/or Wholesalers	Jones & Joseph Pty. Ltd. , 32 Rosehill St., Redfern	153196	Premise Match	77m	West
Builders' Supplies	Jones & Joseph Pty Ltd. , 32 Rosehill St., Redfern	56200	Premise Match	77m	West
Plumbers' Supplies	Jones & Joseph Pty. Ltd. , 32 Rosehill St., Redfern	135013	Premise Match	77m	West
SPORTS GOODS W'SALERS	Jones & Joseph Pty. Ltd. , 32 Rosehill St., Redfern	146627	Premise Match	77m	West
Merchants/Importers	Jones & Joseph Pty. Ltd., 32 Rosehill St., Redfern	113815	Premise Match	77m	West
Manufacturers' Agents	Jones & Joseph Pty. Ltd., 32 Rosehill St., Redfern	109644	Premise Match	77m	West
Hobby/Handcrafts Supplies	Jones & Joseph Pty. Ltd., 32 Rosehill St., Redfern	100330	Premise Match	77m	West
Saw Imports. &/or Dists.	Mobile Industrial Equipment Ltd. , 32-42 Rosehill St., Redfern	142467	Premise Match	77m	West
Agricultural Machinery - Mfrs. &/or Dists.	Mobile Industrial Equipment Ltd. , 32-42 Rosehill St., Redfern	45469	Premise Match	77m	West
Dairy Machine Equipment Mfrs. &/or Distributors	Mobile Industrial Equipment Ltd., 32-42 Rosehill St., Redfern	71616	Premise Match	77m	West
TEXTILES IMPORTERS &/OR WHOLESALERS	Pizzey Pty. Ltd. , 32 Rosehill St., Redfern	150923	Premise Match	77m	West
TEXTILE MERCHANTS	Pizzey Pty. Ltd. , 32-42 Rosehill St., Redfern	151175	Premise Match	77m	West
Upholsterers' Supplies	Pizzey Pty. Ltd., 32 Rosehill St., Redfern	155062	Premise Match	77m	West
Footwear Mfrs., Repairers &/or Suppliers	Pizzey Pty. Ltd., 32 Rosehill St., Redfern	88762	Premise Match	77m	West
Motor Trimmers' Supplies	Pizzey Pty. Ltd., 32 Rosehill St., Redfern	127328	Premise Match	77m	West
Leather/Grindery Merch.	Pizzey Pty. Ltd., 32 Rosehill St., Redfern	107443	Premise Match	77m	West
Travel Goods Wholesalers	Pizzey Pty. Ltd., 32-42 Rosehill St., Redfern	154136	Premise Match	77m	West
Upholsterers	Pizzey Pty. Ltd., 32-42 Rosehill St., Redfern	154961	Premise Match	77m	West
TANNERS/LEATHER MFRS.	Pizzey Pty. Ltd., 32-42 Rosehill St., Redfern	150019	Premise Match	77m	West
Footwear Mfrs. - Machinery Manufacturers	Pizzey Pty. Ltd., Rosehill St., Redfern	88720	Premise Match	77m	West
Cotton Textile & Piecegoods Mfrs. &/or W'salers	Pizzey Pty. Ltd., Rosehill St., Redfern	70869	Premise Match	77m	West
Cafes, Tea Rooms, Coffee Lounges, Etc.	Red Lion Cafe , 86 Regent St., Redfern	60733	Premise Match	78m	North East
Cafes, Tea Rooms, Coffee Lounges, Etc.	Roden, , 84 Regent St., Redfern	60759	Premise Match	83m	North East
Cafes, Tea Rooms, Coffee Lounges, Etc.	To Poan Gontieental , 84 Regent St., Redfern	60880	Premise Match	83m	North East
Cake Shops & Pastrycooks	McAllum, H. M., 185 Regent St., Redfern	61375	Premise Match	85m	South East
Cake Shops & Pastrycooks	Val Cakes, , 185 Regent St., Redfern	61647	Premise Match	85m	South East
Hardware Dealers &/or Iron Mongers - Redfern	Biggar, G., 82 Regent St.	99433	Premise Match	89m	North East
Footwear Wholesalers &/or Distributors	McMurtie (N.S.W.) Pty. Ltd., Rosehill & Marion Sts., Redfern	89195	Premise Match	89m	North West
Footwear Mfs. - Children's/Infants' Rdfrn	McMurtie (N.S.W.) Pty. Ltd., Rosehill & Marion Sts., Rdfrn	88703	Premise Match	89m	North West
Footwear Mfrs. - Sandals	McMurtie (N.S.W.) Pty. Ltd., Rosehill & Marion Sts., Rdfrn	88784	Premise Match	89m	North West
Footwear Mfrs. - Boots/Shoes	McMurtie (N.S.W.) Pty. Ltd., Rosehill & Marion Sts., Rdfrn.	88636	Premise Match	89m	North West
Bakers' & Pastrycooks' Machinery Mfrs. Imp. &/or Dists.	Mackie, Em Pty. Ltd. , 150 Regent St. Redfern	49333	Premise Match	92m	South
Bakers' & Pastrycooks' Supplies	Mackie, Ern Pty. Ltd. , 150 Regent St., Redfern	49377	Premise Match	92m	South
Butchers' Supplies	Mackie, Ern Pty. Ltd. , 150 Regent St., Redfern	59623	Premise Match	92m	South
Café Equipment & Supplies	Mackie, Ern Pty. Ltd. , 150 Regent St., Redfern	60037	Premise Match	92m	South
Sheet Metal Workers	Mackie, Ern Pty. Ltd. , 150 Regent St., Redfern	143985	Premise Match	92m	South
TINSMITHS	Mackie, Ern Pty. Ltd. , 150 Regent St., Redfern	152031	Premise Match	92m	South



Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
Wireworkers - General	Mackie, Ern Pty. Ltd. , 150 Regent St., Redfern	157752	Premise Match	92m	South
Welders - Electric &/or Oxy	Mackie, Ern Pty. Ltd. , 150 Regent St., Redfern	156625	Premise Match	92m	South
Trucks & Trolleys - Industrial - Imports. &/or Mfrs.	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	154164	Premise Match	92m	South
Hotel Equipment/Supplies	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	101345	Premise Match	92m	South
DAIRY UTENSILS - MANUFACTURERS &/OR DISTRIBUTORS	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	71663	Premise Match	92m	South
STORE & PACKING ROOM EQUIPMENT MANUFACTURERS &/OR DISTRIBUTORS	Mackie, Ern. Pty. Ltd. , 150 Regent St., Redfern	149128	Premise Match	92m	South
Gift Shops	Remm's Gifts, , 189 Regent St., Redfern	95037	Premise Match	92m	South
TAILORS-LADIES'/GENT.'S	European Tailor , 80 Regent St., Redfern	149547	Premise Match	94m	North East
TAILORS-LADIES'/GENT.'S	Tailor of All European Styles , 80 Regent St., Redfern	149785	Premise Match	94m	North East
Poultry Dealers - Retail	Haywood, W. , 191 Regent St., Redfern	135460	Premise Match	96m	South
DANCING TEACHERS & STUDIOS	Haywood's (Miss) School of Dancing, 191 Regent St., Redfern	71717	Premise Match	96m	South
Jewellers/Watchmakers - Retail	Broadbent, George, 193 Regent St., Redfern	105889	Premise Match	101m	South
Electrical Supplies/Appliances Retailers	Watson, R. J. Pty. Ltd. , 193 Regent St. Redfern	79717	Premise Match	101m	South
DELICATESENS	Merlino Bros., 76 Regent St., Redfern	72446	Premise Match	104m	North East
Grocers - Retail	Redfern Grocery, , 76 Regent St., Redfern	97042	Premise Match	104m	North East
Dry Cleaners, Pressers/Dyers	Personality Dry Cleaners, 74 Regent St., Redfern	76286	Premise Match	109m	North East
Motor Painters	Town Auto Repairs Pty. Ltd., 60 Botany St., Redfern	124309	Premise Match	111m	South East
Motor Panel Beaters	Town Auto Repairs Pty. Ltd., 60 Botany St., Redfern	125081	Premise Match	111m	South East
Motor Body Repairs/Converters	Town Auto Repairs Pty. Ltd., 60 Botany St., Redfern	120245	Premise Match	111m	South East
Motor Garages & Engineers - Redfern	Town Auto Repairs, 60 Botany St.	123288	Premise Match	111m	South East
Motor Body Builders	Town Auto Repairs, 60 Botany St., Redfern	120033	Premise Match	111m	South East
SPRAYERS ---INDUSTRIAL	Town Auto Repairs. , 60 Botany St., Redfern	146789	Premise Match	111m	South East
Butchers - Retail	Barnsley, R. T. Pty. Ltd. , 51 Botany St., Redfern	57861	Premise Match	114m	East
Butchers' - Wholesale	Barnsley, R. T. Pty. Ltd. , 51-53 Botany St., Redfern	59648	Premise Match	114m	East
SHIPPING PROVIDORES	Barnsley, R. T. Pty. Ltd., 51-53 Botany St., Redfern	144488	Premise Match	114m	East
Bottle Merchants & Exchanges	Furze, E. Pty. Ltd. , 39 Botany St., Redfern	53882	Premise Match	114m	East
Freezing Companies	Uki Meat & Freezing Pty. Ltd., 51 Botany St., Redfern	89603	Premise Match	114m	East
Printers - Letterpress	Epworth Press, , 31 Botany St., Redfern	136060	Premise Match	118m	East
Footwear Mfrs. - Boots/Shoes	Mehieloff, G., 70 Regent St., Redfern	88640	Premise Match	119m	North East
Clubs & Sporting Bodies	Redlern Greek Club, 70 Regent St., Redfern	69251	Premise Match	119m	North East
Radio &/Or Television Sakes & Servicemen - Redfern	Regent Radio Sales & Service, , 70 Regent St.	138379	Premise Match	119m	North East
Electrical Supplies/Appliances Retailers	Regent Radio, , 70 Regent St., Redfern	79629	Premise Match	119m	North East
Cardboard Box & Carton Mfrs.	Butterfield & Lewis Pty. Ltd. , Marian St., Redfern	62172	Road Intersection	120m	North West
BOOKBINDERS	Butterfield & Lewis Pty. Ltd. , Marian St., Redfern	52587	Road Intersection	120m	North West
Printers - Letterpress	Butterfield & Lewis Pty. Ltd. , Marian St., Redfern	135973	Road Intersection	120m	North West
STATIONERY-LOOSE LEAF SYSTEMS & EQUIPMENT MFRS. &/OR DISTRIBUTORS	Butterfield & Lewis Pty. Ltd. , Marian St., Redfern	147902	Road Intersection	120m	North West
Business Systems Printers	Butterfield & Lewis Pty. Ltd., Marian St., Redfern	57759	Road Intersection	120m	North West

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
Office Filing System Manufactureres &/or Distributors	Butterfield & Lewis Pty. Ltd., Marian St., Redfern	129352	Road Intersection	120m	North West
Animal & Bird Food Supplies	Clarke, E. & Sans, , 158 Regent St., Redfern (Bird Seed)	46244	Premise Match	123m	South
Fuel Merchants - Coal/Coke, Wood	Clarke, E. & Sons , 158 Regent St., Redfern	92434	Premise Match	123m	South
Produce Merchants - Grain & Seed - Retail	Clarke, E. & Sons, , 158 Regent St., Redfern	136736	Premise Match	123m	South
Second - Hand Dealers	Carbery, C. , 68 Regent St., Redfern	143456	Premise Match	126m	North East
Food - Frozen - Specialists	Murrells Wholesale Providoring Co. Pty. Ltd., 16 Gibbons St., Redfern	88534	Premise Match	131m	North
Fish Merchants - W'sale	Murrells Wholesale Providoring Co. Pty. Ltd., 16 Gibbons St., Redfern	87215	Premise Match	131m	North
Poultry Dealers - W'Sale	Murrells Wholesale Providoring Co. Pty Ltd. , 16 Gibbons St., Redfern	135541	Premise Match	131m	North
STATIONERS-WHOLESALE	Cumberland Stationery Co. (The) , 68-70 Botany St., Redfern	147820	Premise Match	133m	South East
Photo Albums/Accessories Manufacturers	Cumberland Stationery Co. (The), 68-70 Botany St., Redfern	132150	Premise Match	133m	South East
Laeather Goods Mfrs. &/or Wholesalers	Cumberland Stationery Co. (The), 68-70 Botany St., Redfern	107486	Premise Match	133m	South East
TOBACCO MERCH.—W'SALE	Cahill, J. H. Pty. Ltd. , 64 Regent St., Redfern	152036	Premise Match	137m	North East
Manufacturers' Agents	Cahill, J. H. Pty. Ltd., 64 Regent St., Redfern	109331	Premise Match	137m	North East
Office Communication Mfrs.	Ericsson Telephone (Aust.) Pty. Ltd., 13-17 Botany St., Redfern	129241	Premise Match	140m	North East
Public Address Loud Speaker	Ericsson Telephones (Aust.) Pty. Ltd. , 13-17 Botany St., Redfern	137051	Premise Match	140m	North East
TELECOMMUNICATIONS	Ericsson Telephones (Aust.) Pty. Ltd. , 13-17 Botany St., Redfern	150421	Premise Match	140m	North East
TELEPHONE SUPPLIES	Ericsson Telephones (Aust.) Pty. Ltd. , 13-17 Botany St., Redfern	150451	Premise Match	140m	North East
Inter-communicating Systems Mfrs./Installers	Ericsson Telephones (Aust.) Pty. Ltd., 13-17 Botany St., Redfern	105123	Premise Match	140m	North East
Battery Service Stations	Hy-Beam Electric Pty. Ltd. , 95 Botany St., Redfern	50201	Premise Match	142m	South East
Sandwich & Luncheon Shops	Boundary Corner Sandwich Shop, , 88 Rosehill St., Redfern	141854	Premise Match	147m	South West
Milk, Fruit Juice Bars/Confectioners	Chios Milk Bar, 60 Regent St., Redfern	114916	Premise Match	148m	North East
Cellulose Box Mfrs.	Best Pack Pty. Ltd., 138 Renwick St., Redfern	63701	Premise Match	148m	South East
Cellulose Packaging Specs.	Best Pack Pty. Ltd., 138 Renwick St., Redfern	63712	Premise Match	148m	South East
Pawnbrokers/Moneylenders	Brandons, 2-4 Botany Rd., Alexandria	131957	Premise Match	149m	South
Travel Goods Retailers	Brandons, 2-4 Botany Rd., Alexandria	154036	Premise Match	149m	South

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

## 1965 Business Directory Records Road or Area Matches

Records from the 1965 UBD Business Directory, 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:

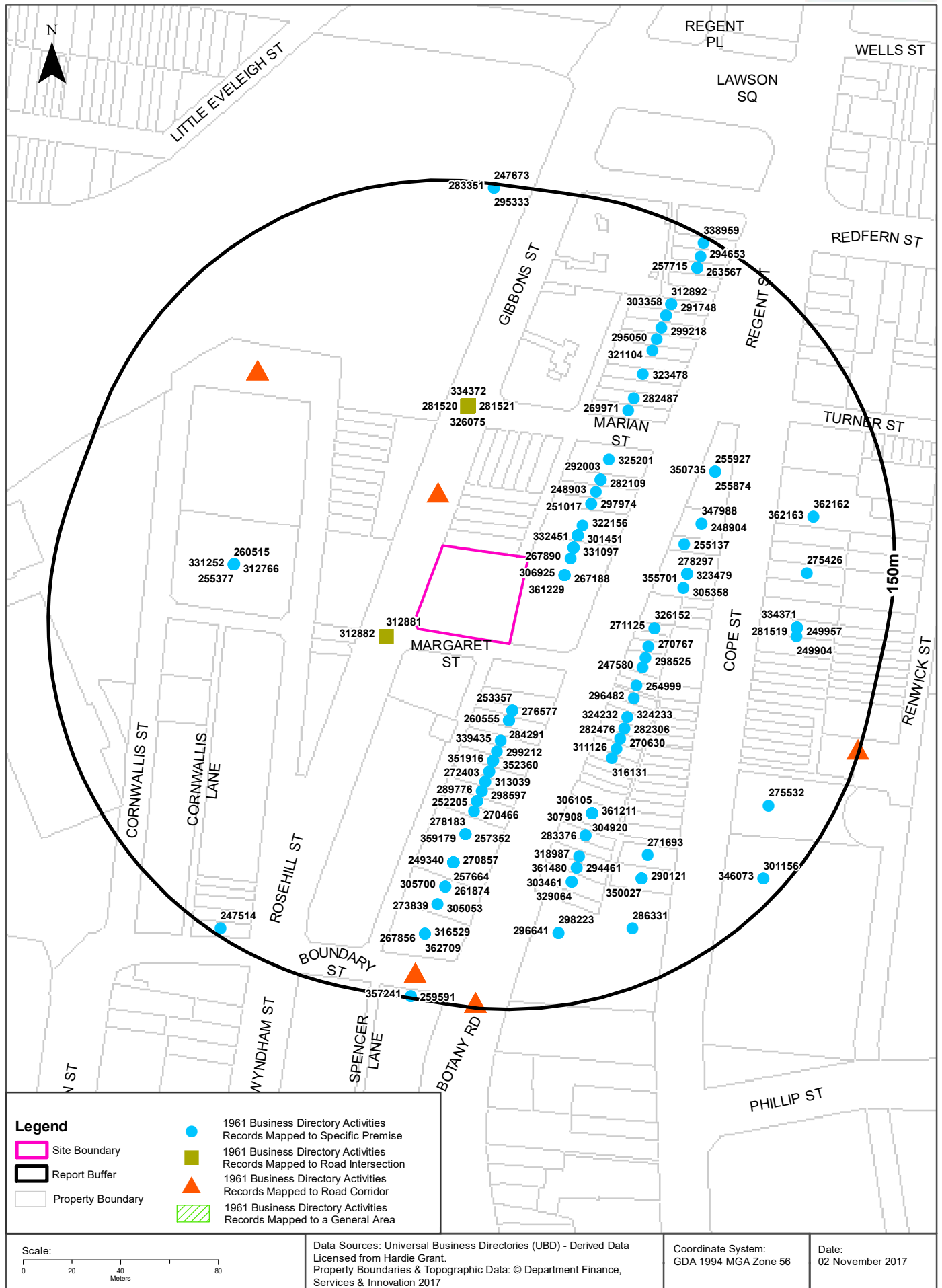
Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
Carriers & Cartage Contractors	Australasian Shipping & Transport Service Co. Ltd., (Store & Garage), Gibbons St., Camperdown	62860	Road Match	0m
Boiler Inspectors	Connie, A. , William Lane, Redfern	52261	Road Match	0m
Exporters	Mar, A. & Co., William Lane, Redfern	85113	Road Match	0m
Fish Merchants - W'sale	Mar, A. & Co., William Lane, Redfern	87213	Road Match	0m
Importers	Mar, A. & Co., William Lane, Redfern	102760	Road Match	0m

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
Sandwich & Luncheon Shops	Szittner, K. & N. , 2 Gibbons St., Redfern	142200	Road Match	0m
DELICATESENS	Szittner, K. & N., 2 Gibbons St., Redfern	72784	Road Match	0m
Cake Shops & Pastrycooks	Szittner, K. & W. , 2 Gibbons St., Redfern	61623	Road Match	0m
Clothing Mfrs. &/or W'salers - Dressing Gowns	Valentine Mfrg. Coy. Pty. Ltd., 10-16 Gibbons St., Redfern	66983	Road Match	0m
Clothing Mfrs. &/or W'salers - Ladies' Dresses & Gowns	Valentine Mfrg. Coy. Pty. Ltd., 10-16 Gibbons St., Redfern	67778	Road Match	0m
Welders - Electric &/or Oxy	Federal tvltore Service Station, , 2 Regent St., Redfern	156457	Road Match	26m
Produce Merch. - W'Sale	Maloney, M. Produce Pty. Ltd. , Boundary St., Redfern	136928	Road Match	133m
Seed Merchants	Maloney, M. Produce Pty. Ltd. , Boundary St., Redfern	143592	Road Match	133m
Hardware Manufacturers	Mcllwraith Industries Pty. Ltd. , Botany Rd., Waterloo	99554	Road Match	146m
Brick Mfrs.	Waterloo Fire Brick Co. , Botany Rd., Waterloo	54181	Road Match	146m
Radio &/or T.V. Component Parts Dealers	Arcadian Manufacturing Co. Pty. Ltd. , Renwick St., Rdfrn	137726	Road Match	148m
Motor Garages & Engineers - Alexandria	Wyndham Service Centre, Wyndham St.	122091	Road Match	149m
Motor Service Stations - Petrol, Oil, Etc. - Alexandria	Wyndham Service Centre, Wyndham St.	125364	Road Match	149m

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

# 1961 Historical Business Directory Records

13-23 Gibbons Street, Redfern, NSW 2016



# Historical Business Directories

13-23 Gibbons Street, Redfern, NSW 2016

## 1961 Business Directory Records Premise or Road Intersection Matches

Records from the 1961 UBD Business Directory, mapped to a premise or road intersection, within the dataset buffer:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
FOOTWEAR MFRS.- BOOTS/SHOES	Lyon Shoe Pty Ltd Gibbons & Margaret Sts., Redfern P.O. Box 24-Redfern	312881	Road Intersection	13m	South West
FOOTWEAR MFRS.- BOOTS/SHOES	Lyon Shoe Pty. Ltd., Gibbons & Margaret Sts., Redfern	312882	Road Intersection	13m	South West
PNEUMATIC TOOL SPARE PARTS	Pneumatic Tool & Engineering Co Pty Ltd 112-116 Regent St., Redfern	361235	Premise Match	16m	East
AIR COMPRESSOR MFRS. &/OR DISTS.	Pneumatic Tool & Engineering Co Pty Ltd 112-116 Regent St., Redfern	267187	Premise Match	16m	East
ENGINEERS-GENERAL/MFRG./ MECHANICAL	Pneumatic Tool & Engineering Co. Pty. Ltd, 112-116 Regent St., Redfern	306925	Premise Match	16m	East
AIR COMPRESSOR MFRS. &/OR DISTS.	Pneumatic Tool & Engineering Co. Pty. Ltd., 112-116 Regent St., Redfern	267188	Premise Match	16m	East
PNEUMATIC TOOL MFRS.	Pneumatic Tool & Engineering Co. Pty. Ltd., 112-116 Regent St., Redfern	361229	Premise Match	16m	East
GEAR CUTTERS/MFRS.	Pneumatic Tool & Engineering Co. Pty., 112-116 Regent St., Redfern	318722	Premise Match	16m	East
ANIMAL & BIRD FOOD SUPPLIES	Redfern Dog Foods, 106 Regent St., Redfern	267890	Premise Match	17m	East
LEATHER GOODS MFRS. &/OR WHOLESALEERS	Lizard & Co 104 Regent St., Redfern	331096	Premise Match	19m	North East
LEATHER GOODS MFRS. &/OR WHOLESALEERS	Lizard & Co., 104 Regent St., Redfern	331097	Premise Match	19m	North East
HANDBAG MANUFACTURERS &/OR WHOLESALEERS	Lizard & Co., 104 Regent St., Redfern	322815	Premise Match	19m	North East
TRAVEL GOODS MFRS.	Lizard & Co., 104 Regent St., Redfern	259561	Premise Match	19m	North East
VALVES/COCKS, Etc. MFRS.	Associated Engineering Sales Co., 102 Regent St., Redfern	260755	Premise Match	22m	North East
INSTRUMENTS—INDUSTRIAL— MFRS. &/OR DISTRIBUTORS	Associated Engineering Sales Co., 102 Regent St., Redfern	327301	Premise Match	22m	North East
INSTRUMENTS—MEASURING- IMPORTS. &/OR DISTS.	Associated Engineering Sales Co., 102 Regent St., Redfern	327359	Premise Match	22m	North East
SAW IMPORTS. &/OR DISTS.	Associated Engineering Sales Co., 102 Regent St., Redfern	247891	Premise Match	22m	North East
MACHINE TOOL MFRS./IMPORTERS/DISTRIBUT ORS	Associated Engineering Sales Co., 102 Regent St., Redfern	332300	Premise Match	22m	North East
MACHINERY MERCH./IMPORT.	Associated Engineering Sales Co., 102 Regent St., Redfern	332451	Premise Match	22m	North East
ENGINEERS' SUPPLIES	Associated Engineering Sales Co., 102 Regent St., Redfern	304404	Premise Match	22m	North East
ELECTRIC TOOLS (PORTABLE) MFRS. &/OR DISTS.	Associated Engineering Sales Co., 102 Regent St., Redfern	301451	Premise Match	22m	North East
HAIRDRESSERS (GENT'S) /TOBACCONISTS	Humphries, N. E., 100 Regent St., Redfern	322156	Premise Match	26m	North East
DREDGE OWNERS	Ormsby, J. W. (N.S.W.) Pty. Ltd., 122 Regent St., Newtown	298324	Premise Match	28m	South
STEEL ERECTORS	Ormsby, J. W. (N.S.W.) Pty. Ltd., 122 Regent St., Nwtwn	253357	Premise Match	28m	South
BUILDERS & CONTRACTORS	Orrmby, J. W. (N.S.W.) Pty. Ltd., 122 Regent St., Newtown	276577	Premise Match	28m	South
CARPET & FLOOR COVERING PLANNERS & LAYERS	Lane, R. & W., 124 Regent St., Redfern	284291	Premise Match	32m	South
FURNITURE DEALERS- SECOND-HAND	Young, N. C., 124 Regent St., Redfern	317027	Premise Match	32m	South
SECOND-HAND DEALERS	Young, N. C., 124 Regent St., Redfern	248910	Premise Match	32m	South

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
UPHOLSTERERS	Young, N. C., 124 Regent St., Redfern	260555	Premise Match	32m	South
DRAPERS-RETAIL	Lahood, H., 96 Regent St., Redfern	297974	Premise Match	34m	North East
SOFTGOODS IMPORTERS &/OR WHOLESALERS	Lanood, H., 96 Regent St., Redfern	251017	Premise Match	34m	North East
SECOND-HAND DEALERS	Weinberg, Anne, 94 Regent St., Redfern	248903	Premise Match	39m	North East
MILK, FRUIT JUICE BARS/CONFECTIONERS	Palms Milk Bar (The), 128 Regent St., Redfern	339435	Premise Match	40m	South
ACID TANK MANUFACTURERS	Australian Fibre Plastic Industries Pty Ltd Office: 92 Regent St., Redfern	266024	Premise Match	44m	North East
CAFES, TEA ROOMS, COFFEE LOUNGES, Etc.	Crawford Cafe, 92 Regent St., Redfern	282109	Premise Match	44m	North East
AUTOMATIC SLOT MACHINE MANUFACTURERS	Regal Amusement Co. Pty. Ltd., 92 Regent St., Redfern	270261	Premise Match	44m	North East
COIN-OPERATED BILLIARD TABLES, JUKE BOXES,	Regal Amusement Co. Pty. Ltd., 92 Regent St., Redfern	292003	Premise Match	44m	North East
DRY CLEANERS, PRESSERS / DYERS	Palms Dry Cleaners (The), 130 Regent St., Redfern	299212	Premise Match	44m	South
MOTOR ACCESSORIES/DEALERS	Shalimar Motor Supplies Pty. Ltd., 132 Regent St., Redfern	343768	Premise Match	49m	South
MOTOR SPARE PARTS DEALERS—RETAIL	Shalimar Motor Supplies Pty. Ltd., 132 Regent St., Redfern	351725	Premise Match	49m	South
MOTOR SPARE PARTS MFRS. &/OR WHOLESALERS	Shalimar Motor Supplies Pty. Ltd., 132 Regent St., Redfern	351916	Premise Match	49m	South
MOTOR TRIMMERS	Shalimar Motor Supplies Pty. Ltd., 132 Regent St., Redfern	352360	Premise Match	49m	South
HOTELS—LICENSED	Bunnerong Hotel, 90 Regent St., Redfern	325201	Premise Match	52m	North East
BEAUTY SALONS & LADIES' HAIRDRESSERS	Fascinating Hair Styles, 134 Regent St., Redfern	272398	Premise Match	53m	South
BEAUTY SALONS & LADIES' HAIRDRESSERS	Fienberg, J., 134 Regent St., Redfern	272403	Premise Match	53m	South
TAILORS-LADIES'/GENT.'S	Liu, C. F., 159 Regent St., Redfern	254999	Premise Match	55m	South East
SANDWICH/LUNCHEON SHOPS	Midway Sandwich Bar (The), 155 Regent St., Redfern	247580	Premise Match	55m	South East
DRESSMAKERS/COSTUMIERS	Belle Salon, 153 Regent St., Redfern	298525	Premise Match	56m	East
BAG & SACK MERCHANTS	Bence, A. V. Pty. Ltd., 151 Regent St., Redfern	270767	Premise Match	56m	East
DENTISTS	Tighe, N. B., 161 Regent St., Redfern	296482	Premise Match	56m	South East
BALL & ROLLER BEARINGS-IMPS. &/OR DIST.	Associated Bearing Company, 147 Regent St., Redfern	271125	Premise Match	57m	East
IMPORTERS	Associated Bearing Company, 147 Regent St., Redfern.	326152	Premise Match	57m	East
FOOTWEAR RETAILERS	Bargain Shoe Store (The), 136 Regent St., Redfern	313039	Premise Match	57m	South
FOOTWEAR RETAILERS	Kacen, A., 136 Regent St., Redfern	313157	Premise Match	57m	South
HERBALISTS	Way Ting, Willie 165 Regent St., Redfern	324232	Premise Match	57m	South East
HERBALISTS	Way Ting, Willie, 165 Regent St., Redfern	324233	Premise Match	57m	South East
COOL STORES	Hamilton Frozen Products Pty Ltd Gibbons & Marian Sts.,	293103	Road Intersection	58m	North
ICE MANUFACTURERS &/OR VENDORS	Hamilton Frozen Products Pty Ltd Gibbons & Marian Sts., Redfern	326075	Road Intersection	58m	North
ICE MANUFACTURERS &/OR VENDORS	Hamilton's Frozen Products Pty. Ltd., Cnr. Gibbons & Marian Sts., Redfern	326076	Road Intersection	58m	North
COOL STORES	N.S.W. Ice & Cold Storage Pty. Ltd., Cnr. Gibbons & Marian Sts., Redfern	293115	Road Intersection	58m	North
ICE MANUFACTURERS &/OR VENDORS	N.S.W. Ice & Cold Storage Pty. Ltd., Cnr. Marian & Gibbon Sts., Redfern	326098	Road Intersection	58m	North
EXPORTERS	United Purchasers Pty. Ltd., Cnr. Gibbons & Marian Sts., Redfern	309435	Road Intersection	58m	North
BUTCHERS-WHOLESALE	United Purchasers Pty Ltd Cnr. Gibbons & Marian Sts., Redfern P.O. Box 39-Drummoyne	281520	Road Intersection	58m	North
BUTCHERS-WHOLESALE	United Purchasers Pty. Ltd., Cnr. Gibbons & Marian Sts., Redfern	281521	Road Intersection	58m	North



Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
MEAT EXPORTERS	United Purchasers Pty. Ltd., Cnr. Gibbons & Marian Sts., Redfern	334372	Road Intersection	58m	North
CAFES, TEA ROOMS, COFFEE LOUNGES, Etc.	Liu, C. F., 167 Regent St., Redfern	282306	Premise Match	59m	South East
CAFES, TEA ROOMS, COFFEE LOUNGES, Etc.	Rabaul, 167 Regent St., Redfern	282476	Premise Match	59m	South East
BABY & CHILDREN'S WEAR-RETAIL	Redfern Baby Shop, 169 Regent St., Redfern	270630	Premise Match	60m	South East
DRESSMAKERS/COSTUMIERS	Fleming, Mrs. L., 138 Regent St., Redfern	298597	Premise Match	62m	South
CLOTHING MFRS. &/OR W'SALERS-KNITTED GOODS	Klein, J., 138 Regent St., Redfern	289776	Premise Match	62m	South
FISH MERCHANTS-RETAIL	Niko, J., 171 Regent St., Redfern	311126	Premise Match	62m	South East
FRUITERERS/GREENGROCERS	Sam for Quality, 173 Regent St., Redfern	316131	Premise Match	63m	South East
TAILORS-LADIES'/GENT.'S	Style, S., 135 Regent St., Redfern	255137	Premise Match	64m	East
ENGINEERS-ELECTRICAL	Aldous, D. J., 141 Regent St., Redfern	305358	Premise Match	65m	East
HARDWARE DEALERS/IRONMONGERS REDFERN	Mason & Fletcher Pty. Ltd., 137 Regent St.,	323479	Premise Match	65m	East
PAINT, VARNISH, OILS/COLOUR MERCHANTS	Mason & Fletcher Pty. Ltd., 137 Regent St., Redfern	355701	Premise Match	65m	East
BUILDERS' SUPPLIERS	Mason & Fletcher, 137 Regent St., Redfern	278297	Premise Match	65m	East
GOLF CLUB MANUFACTURERS	Tesseyman, C., 140 Regent St., Redfern	319540	Premise Match	66m	South
GOLF TUTORS/PROFESSIONALS	Tesseyman, C., 140 Regent St., Redfern	319548	Premise Match	66m	South
FISHING TACKLE MANUFACTURERS &/OR DEALERS	Tesseyman, C., 140 Regent St., Redfern	311444	Premise Match	66m	South
FISH BAIT SUPPLIERS	Tesseyman, C., 140 Regent St., Redfern	310819	Premise Match	66m	South
SPORTS GOODS RETAILERS	Tesseyman, C., 140 Regent St., Redfern	252205	Premise Match	66m	South
BABY & CHILDREN'S WEAR-RETAIL	Fleming, Mrs. L., 142 Regent St., Redfern	270466	Premise Match	70m	South
MOTOR GARAGES & ENGINEERS	Redfern Service Station, 133 Regent St.	347988	Premise Match	72m	East
SECOND-HAND DEALERS	Weld, Herbert, 2 Botany St., Redfern	248904	Premise Match	72m	East
AUCTIONEERS-GENERAL	Carbery, R. & C, 88 Regent St., Redfern	269971	Premise Match	73m	North East
AIR POWER EQUIPMENT MFRS.	Airspeed Products 183 Regent St., Redfern	267304	Premise Match	77m	South East
ENGINEERS-PRECISION	Airspeed Products, 183 Regent St., Redfern	307727	Premise Match	77m	South East
ENGINEERS-PRODUCTION	Airspeed Products, 183 Regent St., Redfern	307908	Premise Match	77m	South East
ENGINEERS-COMPRESSED AIR	Airspeed Products, 183 Regent St., Redfern	304920	Premise Match	77m	South East
PNEUMATIC TOOL MFRS.	Airspeed Products, 183 Regent St., Redfern	361211	Premise Match	77m	South East
ENGINEERS-GENERAL/MFRG./MECHANICAL	Airspeed Products, 183 Regent St., Redfern	306105	Premise Match	77m	South East
TANNERS/LEATHER MFRS.	Plzzy Pty. Ltd., 32-42 Rosehill St., Redfern	255377	Premise Match	77m	West
TEXTILE MERCHANTS	Plzzy Pty. Ltd., 32-42 Rosehill St., Redfern	256626	Premise Match	77m	West
UPHOLSTERERS	Pizze Pty. Ltd., 32-42 Rosehill St., Redfern	260515	Premise Match	77m	West
FOOTWEAR MFRS.' MACHINERY MANUFACTURERS	Pizze Pty. Ltd., Rosehill St., Redfern	312783	Premise Match	77m	West
COTTON, TEXTILE & PIECEGOODS MFRS. &/OR W'SALERS	Pizze Pty. Ltd., Rosehill St., Redfern	293569	Premise Match	77m	West
TRAVEL GOODS WHOLESALERS	Plzzy Pty. Ltd., 32-42 Rosehill St., Redfern	259689	Premise Match	77m	West
UPHOLSTERERS' SUPPLIES	Ptaey Pty. Ltd., 32 Rosehill St., Redfern	260597	Premise Match	77m	West

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
CAFES, TEA ROOMS, COFFEE LOUNGES, Etc.	Red Lion Cafe, 86 Regent St., Redfern	282487	Premise Match	78m	North East
FOOTWEAR MFRS., REPAIRERS &/OR SUPPLIERS	Pizzey Pty. Ltd., 32 Rosehill St., Redfern	312766	Premise Match	78m	West
LEATHER/GRINDERY MERCH.	Pizzey Pty. Ltd., 32 Rosehill St., Redfern	331252	Premise Match	78m	West
MOTOR TRIMMERS' SUPPLIES	Pizzey Pty. Ltd., 32 Rosehill St., Redfern	352411	Premise Match	78m	West
TEXTILE IMPORTERS &/OR WHOLESALERS	Pizzey Pty. Ltd., 32 Rosehill St., Redfern	256354	Premise Match	78m	West
PLYWOOD MFRS./MERCHANTS	Felbert & Co. Pty. Ltd., 138-146 Regent St., Redfern	361129	Premise Match	80m	South
PLASTIC GOODS IMPORTERS &/OR DISTRIBUTORS	Folbert & Co. Pty. Ltd., 138-146 Regent St., Redfern	359179	Premise Match	80m	South
DOOR MANUFACTURERS	Folbert & Co. Pty. Ltd., 138-146 Regent St., Redfern	297529	Premise Match	80m	South
TIMBER MERCHANTS	Folbert & Co. Pty. Ltd., 138-146 Regent St., Redfern	257352	Premise Match	80m	South
BUILDERS' SUPPLIERS	Folbert S. Co. Pty. Ltd., 138-146 Regent St., Redfern	278183	Premise Match	80m	South
TELEVISION ANTENNAE MFRS./INSTALLERS	Antiference (Australia) Pty Ltd 131 Regent St.	255874	Premise Match	84m	North East
TELEVISION EQUIPMENT IMPORTS., MFRS. &/OR DIST.	Antiference (Aust.) Pty. Ltd., 131 Regent St., Redfern	255927	Premise Match	84m	North East
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Jones, E. H., 131 Regent St. Redfern	350735	Premise Match	84m	North East
CAKE SHOPS & PASTRYCOOKS	McAllum, H. M., 185 Regent St., Redfern	283155	Premise Match	85m	South East
CAKE SHOPS & PASTRYCOOKS	Val Cakes, 185 Regent St., Redfern	283376	Premise Match	85m	South East
HARDWARE DEALERS/IRONMONGERS REDFERN	Biggar, G., 82 Regent St.	323478	Premise Match	89m	North East
MOTOR GARAGES & ENGINEERS	Dalton Motor Garage, 150 Regent St. Redfern	347006	Premise Match	92m	South
WOODWORK-REPETITION	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	263759	Premise Match	92m	South
WELDERS-ELECTRIC &/OR OXY	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	262248	Premise Match	92m	South
WIREWORKERS-GENERAL	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	263452	Premise Match	92m	South
SHEET METAL WORKERS	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	249340	Premise Match	92m	South
HOTEL EQUIPMENT/SUPPLIES	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	325091	Premise Match	92m	South
BAKERS' & PASTRYCOOKS' MACHINERY MFRS., IMP. &/OR DIST.	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	270857	Premise Match	92m	South
BAKERS' & PASTRYCOOKS' SUPPLIES	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	270904	Premise Match	92m	South
STORE & PACKING ROOM EQUIPMENT MANUFACTURERS &/OR DISTRIBUTORS	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	254443	Premise Match	92m	South
CAFE EQUIPMENT & SUPPLIES	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	281876	Premise Match	92m	South
BUTCHERS' SUPPLIES	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	279757	Premise Match	92m	South
DAIRY UTENSILS-MANUFACTURERS &/OR DISTRIBUTORS	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	294405	Premise Match	92m	South
TINSMITHS	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	257664	Premise Match	92m	South
TRUCKS & TROLLEYS-INDUSTRIAL-IMPORTS. &/OR MFRS.	Mackie, Ern Pty. Ltd., 150 Regent St., Redfern	259709	Premise Match	92m	South
GIFT SHOPS	Remmās Gifts, 189 Regent St., Redfern	318987	Premise Match	92m	South
POULTRY DEALERS-RETAIL	Haywood, W., 191 Regent St., Redfern	361480	Premise Match	96m	South
DANCING TEACHERS & STUDIOS	Haywoodās (Miss) School of Dancing, 191 Regent St., Redfern	294461	Premise Match	96m	South
GROCERS-RETAIL	Quee, Ching, Seeto, 78 Regent St., Redfern	321104	Premise Match	99m	North East

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
JEWELLERS/WATCHMAKERS—RETAIL	Broadbent, George, 193 Regent St., Redfern	329064	Premise Match	101m	South
PHOTOGRAPHERS—PORTRAIT	Relma Studios, 193a Regent St., Redfern	357792	Premise Match	101m	South
ELECTRICAL SUPPLIES/APPLIANCES RETAILERS	Watson, P. J. Pty. Ltd., 193 Regent St. Redfern	303461	Premise Match	101m	South
ENGINEERS-FABRICATING	Australian Arc Welding Co., 154 Regent St., Redfern	305700	Premise Match	103m	South
BOILERMAKERS	Australian Arc Welding Co., 154 Regent St., Redfern	273879	Premise Match	103m	South
WELDERS-ELECTRIC &/OR OXY	Australian Arc Welding Co., 154 Regent St., Redfern	261874	Premise Match	103m	South
DELICATESSENS	Merlino Bros., 76 Regent St., Redfern	295050	Premise Match	104m	North East
BATH & SINK HEATER REPAIRS	Mathlas & Co., 56 Botany St., Redfern	271693	Premise Match	104m	South East
DRY CLEANERS, PRESSERS / DYERS	Personality Dry Cleaning (Office), 74 Regent St., Redfern	299218	Premise Match	109m	North East
BOILER INSPECTORS	Connie A 156 Regent St., Redfern	273839	Premise Match	110m	South
ENGINEERS-CONSULTING	Connie, A., 156 Regent St., Redfern	305053	Premise Match	110m	South
CLOTHING MFRS. &/OR W'SALERS-LADIES' DRESSES & GOWNS	Hallson Garments, 60 Botany St., Redfern	290121	Premise Match	111m	South East
MOTOR PAINTERS	Town Auto Repairs, 60 Botany St., Redfern	349233	Premise Match	111m	South East
MOTOR PANEL BEATERS	Town Auto Repairs, 60 Botany St., Redfern	350027	Premise Match	111m	South East
MOTOR BODY BUILDERS	Town Auto Repairs, 60 Botany St., Redfern	344231	Premise Match	111m	South East
SPRAYERS-INDUSTRIAL	Town Auto Repairs, 60 Botany St., Redfern	252408	Premise Match	111m	South East
BUTCHERS-RETAIL	Barnsley, R. T. Pty. Ltd., 51 Botany St., Redfern	279873	Premise Match	114m	East
SHIPPING PROVIDORES	Barnsley, R. T. Pty. Ltd., 51-53 Botany St., Redfern	249904	Premise Match	114m	East
BOTTLE MERCHANTS & EXCHANGES	Furze, E. Pty. Ltd., 39 Botany St., Redfern	275426	Premise Match	114m	East
MEAT EXPORTERS	Uki Meat & Freezing Pty. Ltd., 51 Botany St., Redfern	334371	Premise Match	114m	East
SHIPPING PROVIDORES	Uki Meat & Freezing Pty. Ltd., 51 Botany St., Redfern	249957	Premise Match	114m	East
FREEZING COMPANIES	Uki Meat & Freezing Pty. Ltd., 51 Botany St., Redfern	313827	Premise Match	114m	East
BUTCHERS-WHOLESALE	Uki Meat & Freezing Pty. Ltd., 51 Botany St., Redfern	281519	Premise Match	114m	East
DISPOSAL STORES	Redfern Disposals, 72 Regent St., Redfern	297299	Premise Match	114m	North East
CAFES, TEA ROOMS, COFFEE LOUNGES, Etc.	Regent Cafe, 72 Regent St., Redfern	282494	Premise Match	114m	North East
PRINTERS-LETTERPRESS	Epworth Press, 31 Botany St., Redfern	362162	Premise Match	118m	East
PRINTERS-LETTERPRESS	Epworth-Press 31 Botany St., Redfern	362163	Premise Match	118m	East
CLUBS & SPORTS BODIES	Greek Club, 70 Regent St., Redfern	291514	Premise Match	119m	North East
FOOTWEAR MFRS.-BOOTS/SHOES	Mehleloff, G., 70 Regent St., Redfern	312892	Premise Match	119m	North East
CLUBS & SPORTS BODIES	Redfern Greek Club, 70 Regent St., Redfern	291748	Premise Match	119m	North East
ELECTRICAL SUPPLIES/APPLIANCES RETAILERS	Regent Radio, 70 Regent St., Redfern	303358	Premise Match	119m	North East
DRAPERS-RETAIL	Winn & Sons Pty. Ltd., 199 Regent St., Redfern	298223	Premise Match	120m	South
DEPARTMENTAL STORES	Winn & Sons Pty. Ltd., 199 Regent St., Redfern	296641	Premise Match	120m	South
ANIMAL & BIRD FOOD SUPPLIES	Clarke, E. & Sons, 158 Regent St., Redfern (Bird Seed)	267856	Premise Match	123m	South
FUEL MERCHANTS-COAL/COKE, WOOD	Clarke, E., 158 Regent St., Redfern	316529	Premise Match	123m	South

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
PROCESS WORKERS	Clarke, E., 158 Regent St., Redfern	362709	Premise Match	123m	South
BOX & CASE MERCHANTS &/OR MANUFACTURERS	Dicksons Case Factory, 77-85 Botany St., Redfern	275532	Premise Match	125m	South East
CHAIR MANUFACTURERS	Hare A Murray Pty. Ltd., 66 Botany St., Redfern	286331	Premise Match	127m	South East
MANUFACTURERS' AGENTS	Cahill, J. H. Pty. Ltd., 64 Regent St., Redfern	333117	Premise Match	137m	North East
TOBACCO MERCH.,-W'SALE	Cahill, J. H. Pty. Ltd., 64 Regent St., Redfern	257674	Premise Match	137m	North East
TOBACCO PROCESSORS	Cahill, J. H. Pty. Ltd., 64 Regent St., Redfern	257715	Premise Match	137m	North East
WOODWORK MACHINERY IMPORTS. &/OR DISTRIBUTORS	Cahill, J. H. Pty. Ltd., 64 Regent St., Redfern	263567	Premise Match	137m	North East
DELICATESSENS	Carbery, R., 62 Regent St., Redfern	294653	Premise Match	142m	North East
ELECTRIC MOTORS-REPAIRERS/HIRERS	Hy-Beam Electric Pty. Ltd., 95 Botany St., Redfern	301156	Premise Match	142m	South East
MOTOR ELECTRICIANS	Hy-Beam Electric Pty. Ltd., 95 Botany St., Redfern	346073	Premise Match	142m	South East
SANDWICH/LUNCHEON SHOPS	Heffron, L., 88 Rosehill St., Redfern	247514	Premise Match	147m	South West
SANDWICH/LUNCHEON SHOPS	Szittner, K. & N., 2 Gibbons St., Redfern	247673	Premise Match	148m	North
DELICATESSENS	Szittner, K. & N., 2 Gibbons St., Redfern	295333	Premise Match	148m	North
CAKE SHOPS & PASTRYCOOKS	Szittner, K. J. W., 2 Gibbons St., Redfern	283351	Premise Match	148m	North
MILK, FRUIT JUICE BARS/CONFECTIONERS	Chios Milk Bar, 60 Regent St., Redfern	338959	Premise Match	148m	North East
PAWNBROKERS/MONEYLENDE RS	Brandons, 2-4 Botany Rd., Alexandria	357241	Premise Match	149m	South
TRAVEL GOODS RETAILERS	Brandons, 2-4 Botany Rd., Alexandria	259591	Premise Match	149m	South

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## 1961 Business Directory Records Road or Area Matches

Records from the 1961 UBD Business Directory, 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:

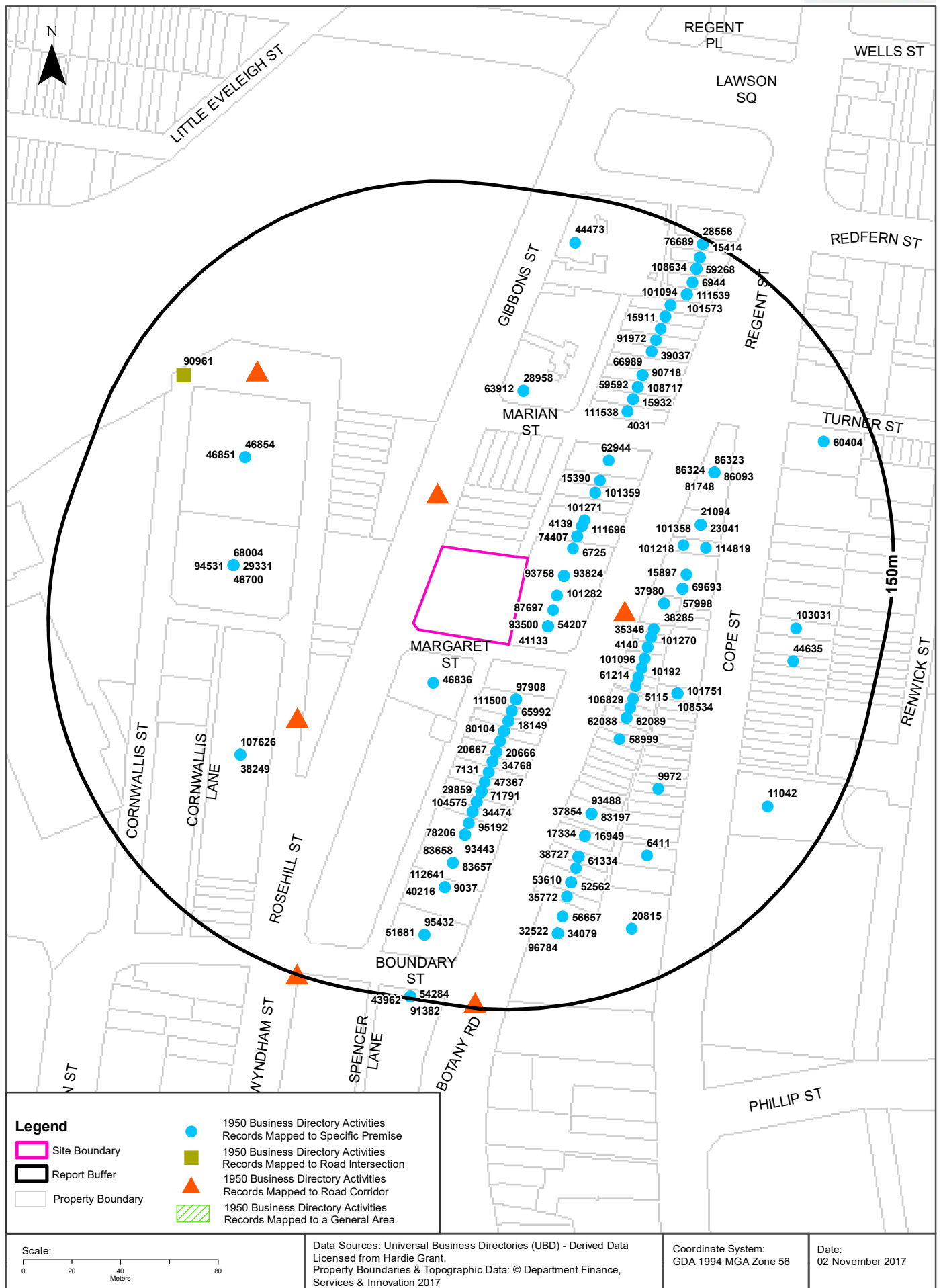
Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
CLOTHING MFRS. &/OR W'SALERS-DRESSING GOWNS	valentine Mfrg. Coy. Pty. Ltd., 10-16 Gibbons St., Redfern	289345	Road Match	0m
CLOTHING MFRS. &/OR W'SALERS-LADIES' DRESSES & GOWNS	Valentine Mfrg. Coy. Pty. Ltd., 10-16 Gibbons St., Redfern	290304	Road Match	0m
PRINTERS-LITHOGRAPHIC	Butterfield & Lewis Pty Ltd Marian St., Redfern	362541	Road Match	50m
CARDBOARD BOX & CARTON MANUFACTURERS	Butterfield & Lewis Pty Ltd Marian St., Redfern P.O. Box 34	283970	Road Match	50m
PRINTERS-LETTERPRESS	Butterfield & Lewis Pty Ltd Marian St., Redfern.	362075	Road Match	50m
BOOKBINDERS	Butterfield & Lewis Pty. Ltd., Marian St., Redfern	274197	Road Match	50m
CARDBOARD BOX & CARTON MANUFACTURERS	Butterfield & Lewis Pty. Ltd., Marian St., Redfern	283971	Road Match	50m
PACKAGING/PACKING SPEC.	Butterfield & Lewis Pty. Ltd., Marian St., Redfern	355273	Road Match	50m
PRINTERS-LETTERPRESS	Butterfield & Lewis Pty. Ltd., Marian St., Redfern	362076	Road Match	50m
PRINTERS-LITHOGRAPHIC	Butterfield & Lewis Pty. Ltd., Marian St., Redfern	362542	Road Match	50m
PRODUCE MERCH.-W'SALE	Maloney, M. Produce Pty. Ltd., Boundary St., Redfern	362925	Road Match	133m
SEED MERCHANTS	Maloney, M. Produce Pty. Ltd., Boundary St., Redfern	248931	Road Match	133m

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
FIRE BRICK MANUFACTURERS	Industrial Brick Co. Ltd., Botany Rd., Waterloo	310677	Road Match	146m
HARDWARE MANUFACTURERS	Mcllwraith Industries Pty. Ltd., Botany Rd., Waterloo	323614	Road Match	146m
REFRACTORY MATERIALS MFRS. &/OR SUPPLIERS	Waterloo Fire Brick Co. Ltd. (The), Botany Rd., Waterloo	244744	Road Match	146m
BRICK MFRS.	Waterloo Fire Brick Co., Botany Rd., Waterloo	275772	Road Match	146m
FIRE BRICK MANUFACTURERS	Waterloo Fire Brick Co., Botany Rd., Waterloo	310682	Road Match	146m
RADIO COMPONENT PARTS DEALERS	Arcadian Manufacturing Co. Pty. Ltd., Renwick St., Rdfn	364529	Road Match	148m
MOTOR WRECKERS	Gardiner, J. H. & Co. Pty. Ltd., 48 Renwick St., Redfern	352501	Road Match	148m

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

# 1950 Historical Business Directory Records

13-23 Gibbons Street, Redfern, NSW 2016





# Historical Business Directories

## 13-23 Gibbons Street, Redfern, NSW 2016

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

Records from the 1950 UBD Business Directory, mapped to a premise or road intersection, within the dataset buffer:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
PNEUMATIC TOOL MANUFACTURERS	Pneumatic Tool and Engineering Co. Pty. Ltd., 114 Regent St., Redfern	93500	Premise Match	14m	South East
GEAR CUTTERS & MANUFACTURERS	Pneumatic Tool and Engineering Co. Pty. Ltd., 116 Regent St., Redfern	54207	Premise Match	14m	South East
ENGINEERS-GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Pneumatic Tool and Engineering Co., 114-116 Regent St., Redfern	41133	Premise Match	14m	South East
TOOL MAKERS	Pneumatic Tool and Engineering Co., 114-116 Regent St., Redfern	109182	Premise Match	14m	South East
SECONDHAND DEALERS	Pritchard, D., 110 Regent St., Redfern	101282	Premise Match	15m	East
MUSIC-SHEET-RETAILERS	United Music Co., 112 Regent St., Redfern	87697	Premise Match	15m	East
POULTRY DEALERS-RETAIL	Federlein, J., 108 Regent St., Redfern	93758	Premise Match	16m	East
POULTRY DEALERS-WHOLESALE	Redfern Poultry Mart, 108 Regent St., Redfern	93824	Premise Match	16m	East
BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	âHollywoodâ, 104 Regent St., Redfern	6725	Premise Match	19m	North East
FOOTWEAR MANUFACTURERS-BOOTS & SHOES	Lyon Shoe Pty. Ltd., Gibbons St., Redfern	46836	Premise Match	20m	South West
MERCERS & GENT'S OUTFITTERS	H. and H. Distributing Co., 102 Regent St., Redfern	74407	Premise Match	22m	North East
FOOTWEAR-RETAILERS	H. and H. Distributing Company, 102 Regent St., Redfern	47300	Premise Match	22m	North East
AUCTIONEERS-GENERAL	Amadio, H. and Co. Ltd., 120 Regent St., Redfern	4013	Premise Match	23m	South East
VALUERS	Amadio, H. and Co. Ltd., 120 Regent St., Redfern	111500	Premise Match	23m	South East
REAL ESTATE AGENTS	Amadlo, H. and Co. 120 Regent St., Redfern	97908	Premise Match	23m	South East
AUCTIONEERS-GENERAL	Pethers, P. W., 100 Regent St., Redfern	4139	Premise Match	26m	North East
VALUERS	Pethers, P. W., 100 Regent St., Redfern	111696	Premise Match	26m	North East
SECONDHAND DEALERS	Pethers, P. W., 98-100 Regent St., Redfern	101271	Premise Match	28m	North East
JEWELLERS-RETAIL &/OR WATCHMAKERS	Broadbent, Geo., 122 Regent St., Redfern	65992	Premise Match	28m	South
CARPET & FLOOR COVERING PLANNERS & LAYERS	Lane, R. and W., 124 Regent St., Redfern	18141	Premise Match	32m	South
CARPET & FLOOR COVERING PLANNERS & LAYERS	Pegden, J., 124 Regent St., Redfern	18149	Premise Match	32m	South
UPHOLSTERERS	Pegden, J., 124 Regent St., Redfern	111257	Premise Match	32m	South
GROCERIES, SMALLGOODS, FRESHLY-CUT SANDWICHES	Byrnes, A., 126 Regent St., Redfern	55431	Premise Match	36m	South
GROCERS-RETAIL	Byrnes, A., 126 Regent St., Redfern	56742	Premise Match	36m	South
MIXED BUSINESSES & GENERAL STORES	Hamilton, G. C., 126 Regent St., Redfern	80104	Premise Match	36m	South
SECONDHAND DEALERS	Weinberg, Esthe, 94 Regent St., Redfern	101359	Premise Match	39m	North East
MILK BARS & CONFECTIONERS	Ferry, Nâ 128 Regent St., Redfern	76677	Premise Match	40m	South
CAFES, TEA ROOMS, COFFEE LOUNGES, Etc.	Crawford Cafe, 92 Regent St., Redfern	15390	Premise Match	44m	North East
CATERERS	Palms (The), 130 Regent St., Redfern	20666	Premise Match	44m	South

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
CATERERS	Palms Caterers (The), 130 Regent St., Redfern	20667	Premise Match	44m	South
BOTTLE SEALS, CAPS & CORKS MANUFACTURERS	Lowatro (Aust.) Pty. Ltd. (Cork Dept.), 132 Regent St., Redfern	10980	Premise Match	49m	South
DRESSMAKERS & COSTUMIERS	Smith, V. H., 132 Regent St., Redfern	34768	Premise Match	49m	South
HOTELS-LICENSED	Bunnerong Hotel (Findlayson), 90 Regent St., Redfern	62944	Premise Match	52m	North East
BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	Fascination (The), 134 Regent St., Redfern	7131	Premise Match	53m	South
BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	Fienberg, J. E., 134 Regent St., Redfern	7140	Premise Match	53m	South
BOOT & SHOE REPAIRERS	Gander, J., 155 Regent St., Redfern	10192	Premise Match	55m	South East
TAILORS-LADIES &/OR GENT.'S	Liu, C. F., 159 Regent St., Redfern	106518	Premise Match	55m	South East
HARDWARE DEALERS &/OR IRONMONGERS	Mason and Fletcher, 157 Regent St., Redfern	61214	Premise Match	55m	South East
SECONDHAND DEALERS	Carbery, R. L. (Clothes), 153 Regent St., Redfern	101096	Premise Match	56m	East
SECONDHAND DEALERS	Pethers, I. R. (Clothes), 149 Regent St., Redfern	101270	Premise Match	56m	East
AUCTIONEERS-GENERAL	Pethers, P. W., 151 Regent St., Redfern	4140	Premise Match	56m	East
BABY & CHILDREN'S WEAR-RETAIL	Smiths Bargain Shop, 163 Regent St., Redfern	4814	Premise Match	56m	South East
TAILORS-LADIES &/OR GENT.'S	Wong, M. K., 161 Regent St., Redfern	106829	Premise Match	56m	South East
DRY CLEANERS, PRESSERS & DYERS	Jones, Dry Cleaners Pty. Ltd. 147 Regent St., Redfern	35346	Premise Match	57m	East
FOOTWEAR-RETAILERS	Kacen, A., 136 Regent St., Redfern	47367	Premise Match	57m	South
HERBALISTS	Way Ting, Willie, 165 Regent St., Redfern	62089	Premise Match	57m	South East
HERBALISTS	Way Ting, Willie, 165 Regent St., Redfern	62088	Premise Match	57m	South East
ELECTRICAL CONTRACTORS &/OR ELECTRICIANS	Wood and Mathers Pty. Ltd., 143 Regent St., Redfern	37980	Premise Match	59m	East
ELECTRICAL ENGINEERS	Wood and Mathers Pty. Ltd., 143 Regent St., Redfern	38285	Premise Match	59m	East
HABERDASHERY-RETAIL	Job Lines, R. and C., 169 Regent St., Redfern	58999	Premise Match	60m	South East
ENGINEERS-PRODUCTION	Airspeed Products, 138 Regent St, Redfern	41926	Premise Match	62m	South
ENGINEERS-PRECISION	Airspeed Products, 138 Regent St., Redfern	41796	Premise Match	62m	South
ENGINEERS-GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Airspeed Products, 138 Regent St., Redfern	40382	Premise Match	62m	South
CYCLE DEALERS & ACCESSORIES	Centennial Cycles, 138 Regent St., Redfern	29859	Premise Match	62m	South
BUILDERS' SUPPLIERS	Solid Manufacturers Agencies, 138 Regent St., Redfern	11899	Premise Match	62m	South
MANUFACTURERS' AGENTS	Solid Manufacturers Agencies, 138 Regent St., Redfern	71791	Premise Match	62m	South
SECONDHAND DEALERS	Ladigan, A. W., 135 Regent St., Redfern	101218	Premise Match	64m	East
LOCKSMITHS & KEY CUTTERS	Aldous, F., MI Regent St., Redfern	69693	Premise Match	65m	East
ELECTRICAL CONTRACTORS &/OR ELECTRICIANS	Aldous, L, 141 Regent St., Redfern	37332	Premise Match	65m	East
GROCERS-RETAIL	Lakin, E. L. Pty. Ltd., 141 Regent St., Redfern	57998	Premise Match	65m	East
CAFES, TEA ROOMS, COFFEE LOUNGES, Etc.	Poulios, P. and Honn, W., 139 Regent St., Redfern.	15897	Premise Match	65m	East
CYCLE DEALERS & ACCESSORIES	Tesseyman, C., 140 Regent St., Redfern	30006	Premise Match	66m	South
FISHING TACKLE MFRS. &/OR DEALERS	Tesseyman, C., 140 Regent St., Redfern	44796	Premise Match	66m	South
SPORTS GOODS RETAILERS	Tesseyman, C., 140 Regent St., Redfern	104575	Premise Match	66m	South
ICE MANUFACTURERS & VENDORS	N.S.W. Ice and Cold Storage Co., Cnr. Gibbons and Marlon Sts., Redfern	63912	Premise Match	68m	North
COOL STORES	N.S.W. Ice and Cold Storage Co., Gibbons and Marian Sts., Redfern	28958	Premise Match	68m	North
DRESSMAKERS & COSTUMIERS	Fleming, L., 142 Regent St., Redfern	34474	Premise Match	70m	South

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
BABY & CHILDREN'S WEAR-RETAIL	Fleming, Mrs., 142 Regent St., Redfern	4536	Premise Match	70m	South
CLEANSER & CLEANING PREPARATIONS MFRS. &/OR DISTRIBUTORS	Orion Chemical Products Pty. Ltd., 133 Regent St., Redfern	23041	Premise Match	72m	East
CHEMICAL MANUFACTURERS	Orion Chemical Products Pty. Ltd., 133-135 Regent St.	21094	Premise Match	72m	East
SECONDHAND DEALERS	Wedd, H., 2 Botany St., Redfern	101358	Premise Match	72m	East
TINSEL GOODS-IMPORTERS & WHOLESALERS	Mackie, E., 24 Botany St., Redfern	108534	Premise Match	72m	South East
SHEET METAL WORKERS	Mackie, E., 24 Botany St., Redfern	101751	Premise Match	72m	South East
BAKERS' & PASTRYCOOKS' SUPPLIES	Mackie, E., 24 Botany St., Redfern	5101	Premise Match	72m	South East
BAKERS' & PASTRYCOOKS' SUPPLIES	Mackie, E., 24 Botany St., Redfern	5115	Premise Match	72m	South East
WELDERS-ELECTRIC &/OR OXY	Mackie, E., 24 Botany St., Redfern	112916	Premise Match	72m	South East
HARDWARE DEALERS &/OR IRONMONGERS	Mason and Fletcher, 6 Botany St., Redfern	114819	Premise Match	73m	East
AUCTIONEERS-GENERAL	Carbery, R. and C., 88 Regent St., Redfern	4031	Premise Match	73m	North East
VALUERS	Carbery, R. and C., 88 Regent St., Redfern	111538	Premise Match	73m	North East
PRINTERS-GENERAL	South Sydney Printing Service, 144 Regent St., Redfern	95192	Premise Match	75m	South
PNEUMATIC TOOL MANUFACTURERS	Airspeed Products, 183 Regent St., Redfern	93488	Premise Match	77m	South East
MOTOR ELECTRICIANS	Rose Bros., 183 Regent St., Redfern	83197	Premise Match	77m	South East
ELECTRICAL CONTRACTORS &/OR ELECTRICIANS	Rose Bros., 183 Regent St., Redfern	37854	Premise Match	77m	South East
DIE & PRESS TOOL MAKERS	Higginson Pty. Ltd., 32 Rosehill St., Redfern	32705	Premise Match	77m	West
MILK BARS & CONFECTIONERS	Red Lion (The) (P. Poullos), 86 Regent St., Redfern	76239	Premise Match	78m	North East
CAFES, TEA ROOMS, COFFEE LOUNGES, Etc.	Red Lion (The), 86 Regent St., Redfern	15932	Premise Match	78m	North East
FOOTWEAR MANUFACTURERS' SUPPLIERS	Higginson Pty. Ltd., 23 Rosehill St., Redfern	46700	Premise Match	78m	West
PRESS KNIFE MANUFACTURERS	Higginson Pty. Ltd., 32 Rosehill St., Redfern	94531	Premise Match	78m	West
FOOTWEAR MANUFACTURERS' MACHINERY MANUFACTURERS	Pissey Pty. Ltd., Rosehill St., Redfern	46675	Premise Match	78m	West
LEATHER & GRINDERY MERCHANTS	Pizzey Pty. Ltd., 32 Rosehill St., Redfern	68004	Premise Match	78m	West
COTTON TEXTILE & PIECE GOODS MFRS.	Pizzey Pty. Ltd., Rosehill St., Redfern	29331	Premise Match	78m	West
PLYWOOD MANUFACTURERS &/OR MERCHANTS	Felbert, F. S., 146 Regent St., Redfern	93443	Premise Match	80m	South
TIMBER MERCHANTS	Felbert, F. S., 146 Regent St., Redfern	78206	Premise Match	80m	South
PLYWOOD MANUFACTURERS &/OR MERCHANTS	Plywood Sundries, 146 Regent St., Redfern	93470	Premise Match	80m	South
HAIRDRESSERS (GENT.'S) &/OR TOBACCONISTS	Humphries, N., 84 Regent St., Redfern	59592	Premise Match	83m	North East
TOBACCONISTS-RETAIL	Humphries, N., 84 Regent St., Redfern	108717	Premise Match	83m	North East
MOTOR SERVICE STATIONS-PETROL, Etc.	Jones, E. H., 131 Regent St., Redfern	86093	Premise Match	84m	North East
MOTOR GARAGES &/OR ENGINEERS	Redfern Service Station (Williams and Evers), 131 Regent St., Redfern	84264	Premise Match	84m	North East
MOTOR ACCESSORIES-DEALER	Redfern Service Station (Williams and Evers), 131 Regent St., Redfern	81748	Premise Match	84m	North East
MOTOR SERVICE STATIONS-PETROL, Etc.	Redfern Service Station, 131 Regent St., Redfern	86323	Premise Match	84m	North East
MOTOR SERVICE STATIONS-PETROL, Etc.	Red-Fern Service Station, 131 Regent St., Redfern	86324	Premise Match	84m	North East
BOOT & SHOE REPAIRERS	Bennett, A., 44 Botany St., Redfern	9972	Premise Match	85m	South East
CAKE SHOPS & PASTRYCOOKS	McAllum, H. M., 185 Regent St., Redfern	16949	Premise Match	85m	South East
CAKE SHOPS & PASTRYCOOKS	Vals Cakes, 185 Regent St., Redfern	17334	Premise Match	85m	South East

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
HARDWARE DEALERS &/OR IRONMONGERS	Biggar, G., 82 Regent St., Redfern	60870	Premise Match	89m	North East
PAINT, VARNISH, OILS & COLOUR MERCHANTS	Biggar, Geo., 82 Regent St., Redfern	90718	Premise Match	89m	North East
KITCHENWARE RETAILERS	Blggar, G, 82 Regent St., Redfern	66989	Premise Match	89m	North East
FOOTWEAR MANUFACTURERS-BOOTS & SHOES	McMurtrie (N.S.W.) Pty. Ltd., Marion St., Redfern	46851	Premise Match	89m	North West
FOOTWEAR MANUFACTURERS-BOOTS & SHOES	McMurtrie (N.S.W.) Pty. Ltd., Rosehill & Marian Sts., Redfern.	46854	Premise Match	89m	North West
ELECTRICAL ENGINEERS	Telephone and Electric Industries Pty. Ltd., 44 Rosehill St., Redfern	38249	Premise Match	89m	South West
TELEPHONE SUPPLIES	Telephone and Electrical Industries Pty. Ltd., 44 Rosehill St., Redfern	107626	Premise Match	89m	South West
HARDWARE DEALERS &/OR IRONMONGERS	Burke, J., 189 Regent St., Redfern	60901	Premise Match	92m	South
MOTOR GARAGES &/OR ENGINEERS	Dalton Motor Garage, 150 Regent St., Redfern	83657	Premise Match	92m	South
MOTOR GARAGES &/OR ENGINEERS	Dalton Motor Garage, 150 Regent St., Redfern	83658	Premise Match	92m	South
HARDWARE DEALERS &/OR IRONMONGERS	Quality Tools and Hardware, 189 Regent St., Redfern	61321	Premise Match	92m	South
ELECTRICAL SUPPLIES & APPLIANCES RETAILERS	Quality Tools and Hardware, 189 Regent St., Redfern	38720	Premise Match	92m	South
TOOL DEALERS-RETAIL	Quality Tools and Hardware, 189 Regent St., Redfern	109036	Premise Match	92m	South
ELECTRICAL SUPPLIES & APPLIANCES RETAILERS	Regent Supply Store, 189 Regent St., Redfern	38727	Premise Match	92m	South
HARDWARE DEALERS &/OR IRONMONGERS	Regent Supply Stores, 189 Regent St., Redfern	61335	Premise Match	92m	South
HARDWARE DEALERS &/OR IRONMONGERS	Regent Supply Stores, 189 Regent St., Redfern	61334	Premise Match	92m	South
POULTRY DEALERS-RETAIL	Haywood, W., 191 Regent St., Redfern	93768	Premise Match	96m	South
ELECTRICAL SUPPLIES AND APPLIANCES MANUFACTURERS	Smith and Birrell, 78 Regent Lane, Redfern	39037	Premise Match	99m	North East
FURNITURE-HOUSEHOLD-RETAILERS	Muir's Furnishers, 193 Regent St., Redfern	53610	Premise Match	101m	South
FURNITURE DEALERS-SECONDHAND	Muir's Furniture Store, 193 Regent St., Redfern	52562	Premise Match	101m	South
ENGINEERS-FABRICATING	Australian Arc Welding Co., 154 Regent St., Redfern	40216	Premise Match	103m	South
BOILERMAKERS	Australian Arc Welding Co., 154 Regent St., Redfern	9037	Premise Match	103m	South
WELDERS-ELECTRIC &/OR OXY	Australian Arc Welding Co., 154 Regent St., Redfern	112641	Premise Match	103m	South
PHOTOGRAPHERS-PORTRAIT	Relma Studios (Leonard Hordern, Propr.), 76 Regent St., Redfern	91972	Premise Match	104m	North East
BATH HEATERS	Hotspring Heaters, 56 Botany St., Redfern	6411	Premise Match	104m	South East
DRY CLEANERS, PRESSERS & DYERS	Tasman Dry Cleaners. 195 Regent St. Redfern	35772	Premise Match	106m	South
DRY CLEANERS, PRESSERS & DYERS	Redfern Dry Cleaners, 74 Regent St., Redfern	35634	Premise Match	109m	North East
SMALLGOODS MFRS. &/OR WHOLESALERS	A. and R. Co. Ltd.. 51 Botany St., Redfern	103031	Premise Match	114m	East
CAFES, TEA ROOMS, COFFEE LOUNGES, Etc.	Pugh, G. F., 72 Regent St., Redfern	15911	Premise Match	114m	North East
CAFES, TEA ROOMS, COFFEE LOUNGES, Etc.	Regent Cafe, 72 Regent St., Redfern	15937	Premise Match	114m	North East
GROCERS-RETAIL	Buttle, S. R. Pty. Ltd., 197 Regent St., Redfern	56657	Premise Match	114m	South
FISH MERCHANTS-RETAIL	Whiteman, D. L. 55 Botany St., Redfern	44635	Premise Match	116m	East
FOOTWEAR MANUFACTURERS-BOOTS & SHOES	Mehidoff, G., 70 Regent St., Redfern	46855	Premise Match	119m	North East
RADIO SALES &/OR SERVICEMEN	Regent Radio, 70 Regent St, Redfern	97552	Premise Match	119m	North East
DRY CLEANERS, PRESSERS & DYERS	Anderson Bros. Pty. Ltd. 199 Regent St., Redfern	35078	Premise Match	120m	South
RADIO MANUFACTURERS	Calwyn Radio Co., 199 Regent St., Redfern	96784	Premise Match	120m	South
DRAPERS-RETAIL	Winn and Sons Pty. Ltd., 199 Regent St.	34079	Premise Match	120m	South

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
DEPARTMENTAL STORES	Winn and Sons Pty. Ltd., Botany St., Redfern	32522	Premise Match	120m	South
PRODUCE MERCHANTS-GRAIN & SEED-RETAIL	Clarke, E., 158 Regent St., Redfern	95432	Premise Match	123m	South
FUEL MERCHANTS-COAL, COKE & WOOD	Clarke, E., 158 Regent St., Redfern	51681	Premise Match	123m	South
BOX & CASE MERCHANTS & MANUFACTURERS	Dicksons Case Factory, 77-85 Botany St., Redfern	11042	Premise Match	125m	South East
SECONDHAND DEALERS	Carberry, R. and C., 68 Regent St., Redfern	101094	Premise Match	126m	North East
SECONDHAND DEALERS	Carbery, C., 68 Regent St., Redfern	101095	Premise Match	126m	North East
VALUERS	Carbery, R., 68 Regent St., Redfern	111539	Premise Match	126m	North East
SHEARING MACHINERY MANUFACTURERS &/OR DISTRIBUTORS	Rolyat Trading Co., 68. Regent St., Redfern	101573	Premise Match	126m	North East
PAPER BAG MANUFACTURERS &/OR SUPPLIERS	Butterfield and Lewis Pty. Ltd., Cnr. Marian and Cornwallis Sts., Redfern	90961	Road Intersection	127m	North West
CHAIR MANUFACTURERS	Hare and Murray, 66 Botany St., Redfern	20815	Premise Match	127m	South East
FISH MERCHANTS-RETAIL	Murrells, Gibbons St, Redfern	44473	Premise Match	131m	North
HALLS	Redfern Masonic Hall, Botany St., Redfern	60404	Premise Match	131m	North East
BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	Cahillâs, 66 Regent St., Redfern	6944	Premise Match	132m	North East
HAIRDRESSERS (GENT.'S) &/OR TOBACCONISTS	Cahill, J. H., 64 Regent St., Redfern	59268	Premise Match	137m	North East
MANUFACTURERS' AGENTS	Cahill, J. H., 64 Regent St., Redfern	70917	Premise Match	137m	North East
TOBACCONISTS-RETAIL	Cahill, J. H., 64 Regent St., Redfern	108634	Premise Match	137m	North East
TOBACCO MERCHANTS-WHOLESALE	Cahill, J. H., 64. Regent St., Redfern	108555	Premise Match	137m	North East
SANDWICH & LUNCHEON SHOPS	Carberry, R., 62 Regent St., Redfern	100271	Premise Match	142m	North East
GROCERIES, SMALLGOODS, FRESHLY-CUT SANDWICHES	Carbery, R., 62 Regent St., Redfern	55440	Premise Match	142m	North East
CONFECTIONERS-MANUFACTURING &/OR WHOLESALE	Cushaway, H., 60 Regent St., Redfern	28556	Premise Match	148m	North East
CAFES, TEA ROOMS, COFFEE LOUNGES, Etc.	Dellas, N. and Fotinos, N., 60 Regent St.. Redfern	15414	Premise Match	148m	North East
MILK BARS & CONFECTIONERS	Fotinos, N., 60 Regent St., Redfern	76689	Premise Match	148m	North East
FINANCIERS & FINANCE AGENTS	Brandonâs Stores, 2-4 Botany Rd., Alexandra	43962	Premise Match	149m	South
GIFT SHOPS	Brandonâs Stores, 2-4 Botany Rd., Alexandria	54284	Premise Match	149m	South
PAWNBROKERS & MONEYLENDERS	Brandons Stores, 2 Botany Rd., Alexandria	91382	Premise Match	149m	South

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## 1950 Business Directory Records Road or Area Matches

Records from the 1950 UBD Business Directory, 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:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
STEEL MERCHANTS-GENERAL	Artistic Steel Co., 67 Gibbons St., Redfern	105218	Road Match	0m
BLACKSMITHS	Chandler, A., 6-8 Gibbons St., Redfern	8299	Road Match	0m
BLACKSMITHS' & FARRIERS' SUPPLIES	Chandler, A., 6-8 Gibbons St., Redfern	8381	Road Match	0m

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
FISH CURERS	Gotz, H., 26 Gibbons St., Redfern	44211	Road Match	0m
FOOTWEAR MANUFACTURERS-BOOTS & SHOES	Hansman Pty. Ltd., Gibbons St., Redfern	46798	Road Match	0m
SOAP MANUFACTURERS	Independent Soap Co., 32 Gibbons St., Redfern	103111	Road Match	0m
ENGINEERS-GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Methven, Peter W. Pty. Ltd., 20 Gibbons St., Redfern	41023	Road Match	0m
ENGINEERS-PATTERN MAKERS	Methven, Peter W. Pty. Ltd., 20 Gibbons St., Redfern	41781	Road Match	0m
FOOTWEAR MANUFACTURERS-BOOTS & SHOES	Simon, J. and Sons, 2 Gibbons St., Redfern	46922	Road Match	0m
CABINETMAKERS	Success Cabinet Works, 22 Gibbons St., Redfern	14962	Road Match	0m
SAND BLASTERS	Atomic Electroplating and Sand Blasting Works, Regent Lane, Redfern	100206	Road Match	26m
ELECTROPLATERS	Atomic Electroplating and Sandblasting Works, Regent Lane, Redfern	39125	Road Match	26m
ENGINEERS-GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Better Welding and Eng. Co., Regent Lane, Redfern	40480	Road Match	26m
WELDERS-ELECTRIC &/OR OXY	Better Welding and Engineering Co., Regent Lane, Redfern	112666	Road Match	26m
BUTCHERS-RETAIL	Cary's Butchery, Regent St., Redfern	13266	Road Match	26m
HOTELS-LICENSED	Empress Hotel, Regent St., Redfern	63049	Road Match	26m
GROCERS-WHOLESALE	Lewis, H., Regent Lane, Redfern	58875	Road Match	26m
MERCHANTS & IMPORTERS	Marks and Co. Pty. Ltd., Regent Lane, Redfern	75370	Road Match	26m
FISH MERCHANTS-WHOLESALE	Marks and Co. Pty. Ltd., Regent Lane, Redfern	44672	Road Match	26m
FISH CURERS	Marks and Co. Pty. Ltd., Regents: Lane, Redfern	44213	Road Match	26m
CAFES, TEA ROOMS, COFFEE LOUNGES, Etc.	Redfern Fish and Oyster Cafe, Regent St., Redfern	15934	Road Match	26m
ELECTRIC SWITCH & CONTROL GEAR MANUFACTURERS &/OR DISTRIBUTORS	Smith and Birrell, Regent Lane, Redfern	37225	Road Match	26m
TOOL MAKERS	Smith and Birrell, Regent Lane, Redfern	109207	Road Match	26m
ENGINEERS-GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Smith and Birrell, Regent Lane, Redfern	41252	Road Match	26m
CHEMISTS-MANUFACTURING & WHOLESALE	Sol Products, Regent Lane, Redfern	70617	Road Match	26m
SAND BLASTERS	Walsh, W. J., Regent Lane, Redfern	100226	Road Match	26m
GROCERS-RETAIL	âMartins Cornerâ, Rosehill St., Redfern	56258	Road Match	41m
BOTTLE MERCHANTS & EXCHANGES	Redfern Bottle Exchange, Rosehill St., Redfern	10948	Road Match	41m
FOUNDERS-NON-FERROUS	West, H. and T., Rosehill St., Redfern	47953	Road Match	41m
MILK VENDORS	Dairy Farmers Co-op Milk Co. Ltd., Marion St., Redfern	77713	Road Match	50m
TIMBER MERCHANTS	*Smith Bros. Pty. Ltd., Botany Rd., Waterloo	78076	Road Match	146m
PRODUCE MERCHANTS-WHOLESALE	Beaconsfield Post Office, Botany Rd., Alexandria	95789	Road Match	146m
MOTOR CAR & TRUCK DEALERS-USED	Car, Trucks, Trailer and Caravan Parking, Botany Rd., Waterloo	82315	Road Match	146m
HOTELS-LICENSED	Cauliflower Hotel, Botany Rd., Waterloo	62967	Road Match	146m
DRESSMAKERS & COSTUMIERS	Faunce, Mrs., Botany Rd., Alexandria	34466	Road Match	146m
FOUNDERS-FERROUS	Howcroft, J., Botany Rd., Waterloo	47690	Road Match	146m
BRICK, PIPE & TILE MANUFACTURERS	Industrial Brick Co. Ltd. (The), Botany Rd., Waterloo	11288	Road Match	146m
FIRE BRICK MANUFACTURERS	Industrial Brick Co. Ltd., Botany Rd., Waterloo	44129	Road Match	146m
PIPE MANUFACTURERS-EARTHENWARE	Industrial Brick Co. Ltd., Botany Rd.. Waterloo	93071	Road Match	146m



Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
ZINC MERCHANTS	Industrial Oxides Co., Botany Rd-;, Alexandria	114772	Road Match	146m
DELICATESSENS & SMALLGOODS DEALERS	Matha, N., Botany Rd., Alexandria	30841	Road Match	146m
BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	Mays, Botany Rd., Alexandria	7527	Road Match	146m
HARDWARE MANUFACTURERS	McIlwraith Industries Pty. Ltd., Botany Rd., Waterloo	61532	Road Match	146m
HOTELS-LICENSED	Rosebery Hotel, Botany Rd., Waterloo	63362	Road Match	146m
FURNITURE MANUFACTURERS & WHOLESALERS-GENERAL	Standard Furniture Co. Ltd., Botany Rd., Waterloo	52931	Road Match	146m
ELECTRICAL SUPPLIES & APPLIANCES RETAILERS	United Brass Founders, Botany Rd., Alexandria	38918	Road Match	146m
GASS APPLIANCES MFRS. &/OR DISTRIBUTORS	United Brass Founders, Botany Rd., Alexandria	54170	Road Match	146m
BUILDERS' SUPPLIERS	Waterloo Fire Brick Co. Ltd., Botany Rd., Waterloo	11937	Road Match	146m
BRICK, PIPE & TILE MANUFACTURERS	Waterloo Fire Brick Co., Botany Rd., Waterloo	11317	Road Match	146m
FIRE BRICK MANUFACTURERS	Waterloo Fire Brick Co., Botany Rd., Waterloo	44136	Road Match	146m
NEWSAGENTS	Welsh's, F. B., Botany Rd., Alexandria	88424	Road Match	146m
WASTE PRODUCT MERCHANTS	Whitley, A. J., Botany Rd., Waterloo	112440	Road Match	146m
WOOL STORES	Wool and. General Storage, Botany Rd., Alexandria	114552	Road Match	146m
HOTELS-LICENSED	Boundary Hotel, Wyndham St., Alexandria	62926	Road Match	149m
CARRIERS & CARTAGE CONTRACTORS (MASTER)	Edwards, R. H., Wyndham St., Alexandria	20173	Road Match	149m
VALVES (STEAM, WATER, Etc.) MFRS. &/OR DISTRIBUTORS	Victor Motor Co. Ltd., Wyndham St., Alexandria	111810	Road Match	149m

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

## Historical Business Directories

### 13-23 Gibbons Street, Redfern, NSW 2016

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

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

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
MOTOR GARAGES & SERVICE STATIONS.	BP Eveleigh Service Station, 118 Regent St., Redfern.	64138	1986	Premise Match	16m	South East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	BP Eveleigh Service Station, 118 Regent St Redfern. 2016.	56210	1982	Premise Match	16m	South East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	BP Eveleigh Service Station. 118 Regent St., Redfern.	49543	1978	Premise Match	16m	South East
MOTOR SERVICE STATIONS - PETROL, OIL	BPEveleigh Service Station, 118 Regent St., Redfern.	61498	1975	Premise Match	16m	South East
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	BP Everleigh Service Station,118 Regent St.REDFERN	340874	1970	Premise Match	16m	South East
DRY CLEANERS & PRESSERS.	Palms Dry Cleaners, The, 130 Regent St., Redfern.	25471	1986	Premise Match	44m	South
DRY CLEANERS & PRESSERS. (D8500)	Palms Dry Cleaners, The, 130 Regent St., Redfern. 2016.	24001	1982	Premise Match	44m	South
DRY CLEANERS, PRESSERS &/OR DYERS	Palms Dry Cleaners, The, 130 Regent St., Redfern.	20904	1978	Premise Match	44m	South
DRY CLEANERS, PRESSERS&/OR DYERS.	Palms Dry Cleaners, The, 130 Regent St., Redfern.	24264	1975	Premise Match	44m	South
DRY CLEANERS,PRESSERS/DYERS (D710)	Palms Dry Cleaners (The,130 Regent St.,Redfern	292440	1970	Premise Match	44m	South
Dry Cleaners, Pressers/Dyers	Palms Dry Cleaners (The), 130 Regent St., Redfern	76277	1965	Premise Match	44m	South
DRY CLEANERS, PRESSERS / DYERS	Palms Dry Cleaners (The, 130 Regent St., Redfern	299212	1961	Premise Match	44m	South
DRY CLEANERS, PRESSERS & DYERS	Jones, Dry Cleaners Pty. Ltd. 147 Regent St., Redfern	35346	1950	Premise Match	57m	East
MOTOR GARAGES & SERVICE STATIONS.	Esso Redfern Service Station, 10 Cope St., Redfern.	64657	1986	Premise Match	71m	East
MOTOR GARAGES & SERVICE STATIONS.	Redfern Service Station, 133 Regent St., Redfern.	65329	1986	Premise Match	72m	East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Redfern Service Station, 133 Regent St., Redfern. 2016.	57447	1982	Premise Match	72m	East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Redfern Service Station. 133 Regent St., Redfern.	50724	1978	Premise Match	72m	East
MOTOR GARAGES & ENGINEERS(M6S6)	Redfern Service Station,133 Regent St.REDFERN	338488	1970	Premise Match	72m	East
Motor Garages & Engineers - Redfern	Redfern Service Station, 133 Regent St.	123282	1965	Premise Match	72m	East
MOTOR GARAGES & ENGINEERS	Redfern Service Station, 133 Regent St.	347988	1961	Premise Match	72m	East
Motor Garages & Service Stations	Redfern Service Station 131 Regent St., Redfern	53803	1991	Premise Match	84m	North East
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Jones, E. H., 131 Regent St. Redfern	350735	1961	Premise Match	84m	North East
MOTOR SERVICE STATIONS-PETROL, Etc.	Jones, E. H., 131 Regent St., Redfern	86093	1950	Premise Match	84m	North East
MOTOR GARAGES &/OR ENGINEERS	Redfern Service Station (Williams and Eysers), 131 Regent St., Redfern	84264	1950	Premise Match	84m	North East
MOTOR SERVICE STATIONS-PETROL, Etc.	Redfern Service Station, 131 Regent St., Redfern	86323	1950	Premise Match	84m	North East
MOTOR SERVICE STATIONS-PETROL, Etc.	Red-Fern Service Station, 131 Regent St., Redfern	86324	1950	Premise Match	84m	North East
MOTOR GARAGES & ENGINEERS	Dalton Motor Garage, 150 Regent St. Redfern	347006	1961	Premise Match	92m	South

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
MOTOR GARAGES &/OR ENGINEERS	Dalton Motor Garage, 150 Regent St., Redfern	83657	1950	Premise Match	92m	South
MOTOR GARAGES &/OR ENGINEERS	Dalton Motor Garage, 150 Regent St., Redfern	83658	1950	Premise Match	92m	South
DRY CLEANERS, PRESSERS & DYERS	Tasman Dry Cleaners. 195 Regent St. Redfern	35772	1950	Premise Match	106m	South
Motor Garages & Service Stations	Regent Auto Repairs 156 Regent St., Redfern	53808	1991	Premise Match	107m	South
DRY CLEANERS, PRESSERS&/OR DYERS.	Personality Dry Cleaning, 74 Regent St., Redfern.	24281	1975	Premise Match	109m	North East
DRY CLEANERS,PRESSERS/DYERS (D710)	Personality Dry Cleaners,74 Regent St.,Redfern	292451	1970	Premise Match	109m	North East
Dry Cleaners, Pressers/Dyers	Personality Dry Cleaners, 74 Regent St., Redfern	76286	1965	Premise Match	109m	North East
DRY CLEANERS, PRESSERS / DYERS	Personality Dry Cleaning (Office), 74 Regent St., Redfern	299218	1961	Premise Match	109m	North East
DRY CLEANERS, PRESSERS & DYERS	Redfern Dry Cleaners, 74 Regent St., Redfern	35634	1950	Premise Match	109m	North East
MOTOR GARAGES & SERVICE STATIONS.	Town Auto Repairs Pty Ltd., 60 Cope St., Redfern.	65637	1986	Premise Match	110m	South East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Town Auto Repairs Pty. Ltd., 60 Botany St., Redfern. 2016.	57761	1982	Premise Match	111m	South East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Town Auto Repairs Pty. Ltd., 60 Botany St., Redfern.	51017	1978	Premise Match	111m	South East
MOTOR GARAGES & ENGINEERS(M6S6)	Town Auto Repairs,60 Botany St.REDFERN	338784	1970	Premise Match	111m	South East
Motor Garages & Engineers - Redfern	Town Auto Repairs, 60 Botany St.	123288	1965	Premise Match	111m	South East
DRY CLEANERS, PRESSERS & DYERS	Anderson Bros. Pty. Ltd. 199 Regent St., Redfern	35078	1950	Premise Match	120m	South
Battery Service Stations	Hy-Beam Electric Pty. Ltd. , 95 Botany St., Redfern	50201	1965	Premise Match	142m	South East
DRY CLEANERS, PRESSERS&/OR DYERS.	Lawrence, 6 Botany Rd., Alexandria.	24162	1975	Premise Match	156m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Esso Redfern Service Station, 10 Botany Rd., Redfern. 2016.	56727	1982	Premise Match	168m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Esso Servicentre Redfern, 10 Botany Rd., Redfern.	50026	1978	Premise Match	168m	South
DRY CLEANERS,PRESSERS/DYERS (D710)	Johnson's Dry Cleaning Service,144 Renwick St.,Redfern	292355	1970	Premise Match	177m	East
Dry Cleaners, Pressers/Dyers	Johnson's Dry Cleaning Service, 144 Renwick St., Redfern	76210	1965	Premise Match	177m	East
DRY CLEANERS, PRESSERS / DYERS	"Johnson's Dry Cleaning Service, 144 Renwick St., Redfern	299016	1961	Premise Match	177m	East
MOTOR GARAGES & ENGINEERS(M6S6)	Esso Service Station,10 Botany Rd.ALEXANDRIA	337748	1970	Premise Match	181m	South
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Esso Servicenter,10 Botany Rd.REDFERN	341055	1970	Premise Match	181m	South
MOTOR SERVICE STATIONS - PETROL, OIL	Esso Servfcentre Redfern, 10 Botany Rd., Redfern.	61736	1975	Premise Match	182m	South
DRY CLEANERS & PRESSERS.	Alex Pressing, 125 Eveleigh St., Redfern.	25208	1986	Premise Match	201m	North West
MOTOR GARAGES & ENGINEERS	Carter, C. H., 107a Regent St.	346834	1961	Premise Match	216m	North East
Dry Cleaners, Pressers/Dyers	Anthony, George, 23 Botany Rd., Waterloo	76065	1965	Premise Match	218m	South
DRY CLEANERS, PRESSERS / DYERS	Anthony, George, 23 Botany Rd., Waterloo	299033	1961	Premise Match	218m	South
DRY CLEANERS, PRESSERS & DYERS	Tasman Dry Cleaners. 170 Redfern St., Redfern	35747	1950	Premise Match	220m	North East
DRY CLEANERS & PRESSERS.	Anderson Bros. Pty. Ltd., 46 Regent St., Redfern.	25211	1986	Premise Match	236m	North East
DRY CLEANERS, PRESSERS &/OR DYERS	Anderson Bros. Pty. Ltd., 46 Regent St., Redfern.	20696	1978	Premise Match	236m	North East
DRY CLEANERS, PRESSERS & DYERS	Anderson Bros. Pty. Ltd. 46 Regent St., Redfern	35075	1950	Premise Match	236m	North East
DRY CLEANERS & PRESSERS. (D8500)	Anderson Bros. Pty. Ltd., 46 Regent St., Redfern. 2016.	23747	1982	Premise Match	237m	North East

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DRY CLEANERS, PRESSERS&/OR DYERS.	Anderson Bros. Pty. Ltd., 46 Regent St., Redfern.	23913	1975	Premise Match	240m	North East
DRY CLEANERS,PRESSERS/DYERS (D710)	Anderson Bros.(Dry Cleaners) Pty.Ltd.,46 Regent St.(& Branch)	292178	1970	Premise Match	240m	North East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Harrys Car Repairs, 50 Botany Rd., Alexandria. 2015	56945	1982	Premise Match	268m	South
DRY CLEANERS & PRESSERS.	Lawrence, 152 Redfern St., Redfern.	25370	1986	Premise Match	272m	North East
DRY CLEANERS & PRESSERS. (D8500)	Lawrence, 152 Redfern St., Redfern. 2016.	23898	1982	Premise Match	272m	North East
DRY CLEANERS, PRESSERS / DYERS	4 (Four) Hour Service, 100 George St., Redfern	299020	1961	Premise Match	279m	North East
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Regent Service Centre,Cnr. George A Redfern Sts.REDFERN	341418	1970	Road Intersection	280m	North East
Motor Service Stations - Petrol, Oil, Etc. - Redfern	Regent Service Centre, Cnr. George & Redfern Sts.	126089	1965	Road Intersection	280m	North East
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Regent Service Centre, Cnr. George & Redfern Sts.	351004	1961	Road Intersection	280m	North East
MOTOR GARAGES & ENGINEERS(M6S6)	Renault (Aust.) Pty. Ltd.,153 George St.REDFERN	338500	1970	Premise Match	285m	East
Motor Garages & Engineers - Redfern	Renault (Australia) Pty. Ltd., 153 George St.	123283	1965	Premise Match	285m	East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Harrys Car Repairs. 50 Botany Rd., Alexandria.	50233	1978	Premise Match	285m	South
BATTERY SERVICE STATIONS	T.E.B. Batteries, 51 Botany Rd., Waterloo	272090	1961	Premise Match	285m	South
Motor Garages & Engineers - Redfern	Buckle Motors Pty. Ltd., 72-86 George St.	123277	1965	Premise Match	316m	North East
Motor Garages & Service Stations	Tony's Service Station 11 Henderson Rd., Alexandria	53949	1991	Premise Match	317m	South
MOTOR GARAGES & SERVICE STATIONS.	Central Service Station, 11 Henderson Rd., Alexandria.	64449	1986	Premise Match	317m	South
MOTOR GARAGES & SERVICE STATIONS.	Transtorque Engineering, 11 Henderson Rd., Alexandria.	65642	1986	Premise Match	317m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Central Service Station, 11 Henderson Rd., Alexandria. 2015.	56506	1982	Premise Match	317m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Transtorque Engineering, 11 Henderson Rd., Alexandria.2015.	57765	1982	Premise Match	317m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Smith. Leslie, J., Pty. Ltd.. 11 Henderson Rd., Alexandria.	50843	1978	Premise Match	317m	South
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Central Service Station,11 Henderson Rd.ALEXANDRIA	340958	1970	Premise Match	317m	South
MOTOR GARAGES & ENGINEERS(M6S6)	Smith,Leslie J. Pty. Ltd.,11 Henderson Rd.ALEXANDRIA	338612	1970	Premise Match	317m	South
Motor Service Stations - Petrol, Oil, Etc. - Alexandria	Central Service Station, 11 Henderson Rd.	125355	1965	Premise Match	317m	South
Motor Garages & Engineers - Alexandria	Smith, Leslie J. Pty. Ltd., 11 Henderson Rd.	122088	1965	Premise Match	317m	South
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Central Service Station, 11 Henderson Rd.	350458	1961	Premise Match	317m	South
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	McGuckin & Smith, 11 Henderson Rd.	350847	1961	Premise Match	317m	South
MOTOR GARAGES & ENGINEERS	McGuckin & Smith, 11 Henderson Rd.	347680	1961	Premise Match	317m	South
MOTOR SERVICE STATIONS-PETROL, Etc.	Central Service Station, 11 Henderson Rd., Alexandria	85861	1950	Premise Match	317m	South
MOTOR GARAGES &/OR ENGINEERS	Central Service Station, 11 Henderson Rd., Alexandria	83569	1950	Premise Match	317m	South
MOTOR GARAGES &/OR ENGINEERS.	Smith, Leslie, J. Pty. Ltd., 11 Henderson Rd., Alexandria.	59542	1975	Premise Match	318m	South
BATTERY SERVICE STATIONS	T.E.B. Batteries, 51 Botany Rd., Waterloo	6649	1950	Premise Match	329m	South
MOTOR GARAGES & ENGINEERS	T.E.B. Batteries, 51 Botany Rd.	348259	1961	Premise Match	333m	South
MOTOR GARAGES &/OR ENGINEERS.	Town Auto Repairs Pty. Ltd., 60 Botany St., Redfern.	59696	1975	Premise Match	339m	South
DRY CLEANERS, PRESSERS / DYERS	Tops The Dry Cleaners of Distinction, 65 Renwick St., Rdfrn (& Branches)	299300	1961	Premise Match	348m	North East

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
DRY CLEANERS,PRESSERS/DYERS (D710)	McDermotts,134 Pitt St.,Redfern	292402	1970	Premise Match	356m	East
MOTOR SERVICE STATIONS-PETROL, Etc.	Buckle Motors Trading Co. Pty. Ltd., 74-76 George St., Redfern	85831	1950	Premise Match	368m	North East
MOTOR GARAGES & SERVICE STATIONS.	Marc Petrol Pty Ltd., 69 Botany Rd., Waterloo.	65041	1986	Premise Match	381m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Total Service Station, 69 Botany Rd., Waterloo.	51007	1978	Premise Match	381m	South
DRY CLEANERS, PRESSERS & DYERS	Ashton Dry Cleaners, 135 Abercrombie St., Redfern	35087	1950	Premise Match	382m	North West
MOTOR GARAGES &/OR ENGINEERS	McKenzie and Adams, Garden St. and Henderson Rd., Alexandria	84066	1950	Road Intersection	392m	South
MOTOR GARAGES & ENGINEERS(M6S6)	MacKenzie & Adams Pty. Ltd.,Cnr. Garden St. & Henderson Rd.ALEXANDRIA	338182	1970	Road Intersection	393m	South
Motor Garages & Engineers - Alexandria	MacKenzie & Adams Pty. Ltd., Cnr. Garden St. & Henderson Rd.	122085	1965	Road Intersection	393m	South
MOTOR GARAGES &/OR ENGINEERS.	Quiet-A-Drive Pty. Ltd., 68 Wyndham St., Alexandria.	59430	1975	Premise Match	396m	South
Motor Garages & Service Stations	Quel-A-Drive Pty. Ltd. 68 Wyndham St. Alexandria	53791	1991	Premise Match	397m	South
MOTOR GARAGES & SERVICE STATIONS.	Quiet-A-Drive Pty. Ltd , 68 Wyndham St., Alexandria.	65303	1986	Premise Match	397m	South
MOTOR GARAGES & SERVICE STATIONS.	Tonna, A. & F., 68 Wyndham St., Alexandria.	65576	1986	Premise Match	397m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Quiet-A-Drive Pty. Ltd., 68 Wyndham St., Alexandria.	50705	1978	Premise Match	397m	South
Motor Garages & Engineers - Alexandria	Quiet-A-Drive Pty. Ltd., 68 Wyndham St.	122087	1965	Premise Match	397m	South
MOTOR GARAGES & ENGINEERS(M6S6)	Quiet-A-Drive Pty. Ltd.,68 Wyndham St.ALEXANDRIA	338463	1970	Premise Match	400m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Quiet-A-Drive Pty. Ltd., 68 Wyndham St Alexandria. 2015.	57424	1982	Premise Match	405m	South
MOTOR GARAGES &/OR ENGINEERS	Town Auto Repairs, 4 Renwick St., Redfern	84476	1950	Premise Match	406m	North East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Total Waterloo Service Station, 69 Botany Rd., Waterloo. 2017.	57756	1982	Premise Match	406m	South
MOTOR GARAGES &/OR ENGINEERS.	Total Service Station, 69 Botany Rd., Waterloo.	59688	1975	Premise Match	406m	South
MOTOR GARAGES & ENGINEERS(M6S6)	Total Service Station,69-83 Botany Rd.WATERLOO	338763	1970	Premise Match	406m	South
Motor Garages & Engineers - Waterloo	Total Service Station, 69-83 Botany Rd.	123504	1965	Premise Match	406m	South
MOTOR GARAGES & ENGINEERS(M6S6)	International Smash Repairs,2-4 Renwick St.REDFERN	338046	1970	Premise Match	407m	North East
Motor Garages & Engineers - Redfern	International Small Repairs, 2-4 Renwick St.	123278	1965	Premise Match	407m	North East
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Waterloo Auto Port (Neptune),74-82 Botany Rd.ALEXANDRIA	341607	1970	Premise Match	408m	South
MOTOR GARAGES &/OR ENGINEERS.	Chippendale Auto Port, 50 Regent St.,	58660	1975	Premise Match	409m	North East
Motor Service Stations - Petrol, Oil, Etc. - Alexandria	Waterloo Auto Port (Neptune), 74-82 Botany Rd.	125362	1965	Premise Match	409m	South
DRY CLEANERS & PRESSERS.	Anastasiou Pressing Service, 54 George St., Redfern.	25210	1986	Premise Match	410m	North East
DRY CLEANERS,PRESSERS/DYERS (D710)	Sunshine Home Laundry & Dry Cleaners,88 Pitt St.,Redfern	292533	1970	Premise Match	416m	East
Dry Cleaners, Pressers/Dyers	Sunshine Home Laundry & Dry Cleaners, 88 Pitt St., Redfern	76353	1965	Premise Match	416m	East
DRY CLEANERS, PRESSERS / DYERS	Sunshine Home Laundry & Dry Cleaners, 88 Pitt St., Redfern	299284	1961	Premise Match	416m	East
DRY CLEANERS, PRESSERS & DYERS	Sunshine Hand Laundry and Dry Cleaner, 88 Pitt St., Redfern	35719	1950	Premise Match	416m	East
DRY CLEANERS, PRESSERS&/OR DYERS.	Lustre Dry Cleaning, 286 Abercrombie St., Redfern.	24193	1975	Premise Match	418m	North West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	International Smash Repairs Pty. Ltd., 2 Renwick St., Redfern.2016.	56987	1982	Premise Match	422m	North East

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	International Smash Repairs Pty. Ltd., 2 Renwick St, Redfern.	50278	1978	Premise Match	424m	North East
MOTOR GARAGES &/OR ENGINEERS.	International Smash Repairs, 2 Renwick St., Redfern.	59073	1975	Premise Match	425m	North East
MOTOR GARAGES & SERVICE STATIONS.	Whittingham, Alex & Sons Pty. Ltd., 40 Henderson Rd., Alexandria.	65710	1986	Premise Match	427m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Whittingham, Alex & Sons Pty. Ltd., 40 Henderson Rd., Alexandria.	51106	1978	Premise Match	427m	South
MOTOR GARAGES & ENGINEERS(M6S6)	Whittingham,Alex & Sons Pty. Ltd.,40 Henderson Rd.ALEXANDRIA	338884	1970	Premise Match	427m	South
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Whittingham,Alex & Sons Pty. Ltd.,40 Henderson Rd.ALEXANDRIA	341629	1970	Premise Match	427m	South
Motor Service Stations - Petrol, Oil, Etc. - Alexandria	Whittingham, Alex & Sons Pty. Ltd., 40 Henderson Rd.	125363	1965	Premise Match	427m	South
Motor Garages & Engineers - Alexandria	Whittingham, Alex & Sons Pty. Ltd., 40 Henderson Rd.	122090	1965	Premise Match	427m	South
MOTOR SERVICE STATIONS-PETROL, Etc.	Whittingham, A., 40 Henderson Rd., Alexandria	86526	1950	Premise Match	427m	South
DRY CLEANERS,PRESSERS/DYERS (D710)	Clean Overall Co.Pty.Ltd.(The),4-14 Vine St.,Redfern	292248	1970	Premise Match	429m	North
Dry Cleaners, Pressers/Dyers	Clean Overall Co. Pty. Ltd. (The), 4-14 Vine St., Redfern	76122	1965	Premise Match	429m	North
DRY CLEANERS, PRESSERS / DYERS	Clean Overall Co. Pty. Ltd. (The), 4-14 Vine St., Redfern	299080	1961	Premise Match	429m	North
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Chris & Con, 85 Botany Rd., Waterloo.	49799	1978	Premise Match	429m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Whittingham, Alex & Sons Pty. Ltd., 40 Henderson Rd., Alexandria.2015.	57846	1982	Premise Match	432m	South
MOTOR GARAGES &/OR ENGINEERS.	Whittingham. Alex & Sons Pty. Ltd., 40 Henderson Rd., Alexandria	59780	1975	Premise Match	432m	South
MOTOR GARAGES & ENGINEERS	Whittingham, Alec, 40 Henderson Rd.	348446	1961	Premise Match	432m	South
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Whittingham, Alex., 40 Henderson Rd.	351290	1961	Premise Match	432m	South
MOTOR GARAGES &/OR ENGINEERS.	Chris & Son. 87 Botany Rd., Waterloo.	58662	1975	Premise Match	435m	South
DRY CLEANERS, PRESSERS & DYERS	Normays Dry Cleaners, 90 Botany Rd., Alexandria	35566	1950	Premise Match	443m	South
MOTOR GARAGES & SERVICE STATIONS.	Autohaus Strecker, 75 Wyndham St., Alexandria.	63988	1986	Premise Match	444m	South
Motor Garages & Service Stations	Autohaus Strecker 75 Wyndham St, Alexandria 2015	53526	1991	Premise Match	447m	South
DRY CLEANERS & PRESSERS. (D8500)	London Dry Cleaning, 48 Henderson Rd., Alexandria. 2015.	23944	1982	Premise Match	447m	South West
ENGINEERS-LAUNDRY &/OR DRY CLEANING.	Carmichael, C, & Son Pty. Ltd., 79 Wyndham St., Alexandria.	29740	1975	Premise Match	451m	South
ENGINEERS-LAUNDRY &/OR DRY CLEANING.	Carmichael, C. & Son Pty. Ltd., 79 Wyndham St., Alexandria	25756	1978	Premise Match	453m	South
ENGINEERS-LAUNDRY & DRY CLEANING (E660)	Carmichael,C.& Son Pty.Ltd.,79 Wyndham St.,Alex.	300084	1970	Premise Match	453m	South
DRY CLEANING MACHINERY & SUPPLIES-MFRS. &/OR DIST.	Capron Carter Pty. Ltd., 25 Renwick St., Redfern	299333	1961	Premise Match	454m	North East
Engineers - Laundry & Dry Cleaning	Carmichael C. & Son, , 79-83 Wyndham St., Alexandria	83320	1965	Premise Match	454m	South
ENGINEERS-LAUNDRY & DRY CLEANING	Carmichael, C. & Son, 79-83 Wyndham St., Alexandria	307510	1961	Premise Match	454m	South
MOTOR GARAGES & ENGINEERS	Feneck, J., 101 Botany Rd.	347134	1961	Premise Match	457m	South
BATTERY SERVICE STATIONS	Hy-Beam Electric Pty. Ltd., 93 Botany St., Redfern	272044	1961	Premise Match	457m	South
ENGINEERS - LAUNDRY &/OR DRY CLEANING. (E7380)	Carmichael, C. & Son Pty. Ltd., 79 Wyndham St., Alexandria. 2015.	28687	1982	Premise Match	461m	South
MOTOR GARAGES &/OR ENGINEERS	Feneck, J., 101 Botany Rd., Waterloo	83739	1950	Premise Match	466m	South
MOTOR GARAGES & ENGINEERS	Skinner, F. L. & Sons, 102 Botany Rd., Alexandria	348138	1961	Premise Match	467m	South
MOTOR GARAGES &/OR ENGINEERS	Skinner, F. L. and Sons. 102 Botany Rd., Alexandria	84374	1950	Premise Match	467m	South



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DRY CLEANERS, PRESSERS / DYERS	Riley's, 130 Raglan St., Waterloo	299248	1961	Premise Match	468m	South East
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Waterloo Auto Port, 104 Botany Rd., Alexandria	351261	1961	Premise Match	476m	South
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Evans Ampol Service Station,19 Regent St.REDFERN	341108	1970	Premise Match	486m	North East
MOTOR GARAGES & ENGINEERS	A.P. Engineering Co. Pty. Ltd., 146 Abercrombie St.	346464	1961	Premise Match	488m	North
Motor Service Stations - Petrol, Oil, Etc. - Redfern	Evans Ampol Service Station, 19 Regent St.	126084	1965	Premise Match	488m	North East
MOTOR SERVICE STATIONS-PETROL, Etc.	Evans, W. (B.A.P. Service Station), 19 Regent St., Redfern	85944	1950	Premise Match	488m	North East
MOTOR GARAGES & SERVICE STATIONS.	Caltex Chippendale Service Station, 149 Abercrombie St., Chippendale.	64323	1986	Premise Match	494m	North
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Caltex Chippendale Service Station, 149 Abercrombie St.,Chippendale. 2008.	56402	1982	Premise Match	494m	North
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Caltex Service Station, 149 Abercrombie St., Chippendale.	49735	1978	Premise Match	494m	North
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Donikan,A. (Caltex),149 Abercrombie St.REDFERN	341011	1970	Premise Match	494m	North
Motor Service Stations - Petrol, Oil, Etc. - Chippendale	Caltex Service Station, 145 Abercrombie St.	125589	1965	Premise Match	495m	North
Motor Service Stations - Petrol, Oil, Etc. - Redfern	Donikan, A. (Caltex), 149 Abercrombie St.	126083	1965	Premise Match	496m	North
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Caltex Service Station,145 Abercrombie St.CHIPPENDALE	340924	1970	Premise Match	501m	North
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Federal Motor Service Station, 1 Regent St.	350578	1961	Premise Match	503m	North East
MOTOR SERVICE STATIONS - PETROL, OIL	Caltex Service Station, 149 Abercrombie St., Chippendale.	61622	1975	Premise Match	504m	North
MOTOR GARAGES & ENGINEERS	Osborn, E. J. Motors, 53 Pitt St.	347830	1961	Premise Match	506m	North East
MOTOR GARAGES & ENGINEERS(M6S6)	Smith,C. Motors,53 Pitt St.REDFERN	338611	1970	Premise Match	512m	North East
Motor Garages & Engineers - Redfern	Smith, Chris, 53 Pitt St.	123286	1965	Premise Match	512m	North East
DRY CLEANERS,PRESSERS/DYERS (D710)	Dante's Dry Cleaning Service 94 Redfern St.,Redfern	292264	1970	Premise Match	526m	East
Dry Cleaners, Pressers/Dyers	Dante's Dry Cleaning Service, 94 Redfern St., Redfern	76132	1965	Premise Match	526m	East
DRY CLEANERS, PRESSERS / DYERS	Dante's Dry Cleaning Service, 94 Redfern St., Redfern	299090	1961	Premise Match	526m	East
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Evans Service Station, 19 Regent St.	350564	1961	Premise Match	529m	North East
MOTOR GARAGES &/OR ENGINEERS	Imperial Garage, 397 Cleveland St., Redfern	83906	1950	Premise Match	531m	North
MOTOR GARAGES &/OR ENGINEERS	Federal Motor Service Station, 1 Regent St., Redfern	83737	1950	Premise Match	531m	North East
MOTOR SERVICE STATIONS-PETROL, Etc.	Federal Motors Service Station, 1 Regent St., Redfern	85953	1950	Premise Match	531m	North East
Motor Garages & Engineers - Chippendale	Imperial Garage, 153 Cleveland St.	122428	1965	Premise Match	532m	North
MOTOR GARAGES & ENGINEERS(M6S6)	Imperial Garage,153 Cleveland St.CHIPPENDALE	338042	1970	Premise Match	533m	North
MOTOR GARAGES & SERVICE STATIONS.	Joseph Bros. Pty. Ltd., 129 Wellington St, Waterloo.	64921	1986	Premise Match	533m	South
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Federal Motor Service Station,1 Regent St.REDFERN	341113	1970	Premise Match	534m	North East
Motor Service Stations - Petrol, Oil, Etc. - Redfern	Federal Motor Service Station, 1 Regent St.	126085	1965	Premise Match	534m	North East
MOTOR GARAGES & ENGINEERS	Hughes, Ted, 17 Thomas St.	347409	1961	Premise Match	534m	North West
MOTOR GARAGES &/OR ENGINEERS.	Dyna Motors Pty. Ltd., 129 Wellington St., Waterloo.	58779	1975	Premise Match	534m	South
DRY CLEANERS, PRESSERS & DYERS	Jones, Dry Cleaners Pty. Ltd. 90 Redfern St., Redfern	35343	1950	Premise Match	535m	East
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Bosler A Sargent,Cnr. Cleveland A Regent Sts.REDFERN	340858	1970	Road Intersection	542m	North East
DRY CLEANERS, PRESSERS / DYERS	Jeeves Pty. Ltd., 77-79 Ivy St., Darlington	299148	1961	Premise Match	551m	North West

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Golden Grove Service Station (Shell),121-125 Cleveland St.REDFERN	341181	1970	Premise Match	571m	North
Motor Garages & Service Stations	J.S.H. Motors 82 Henderson Rd., Alexandria. 2015	53751	1991	Premise Match	572m	South West
Motor Service Stations - Petrol, Oil, Etc. - Redfern	Golden Grove Service Station (Shell), 121-125 Cleveland St.	126086	1965	Premise Match	573m	North
MOTOR GARAGES & ENGINEERS(M6S6)	Golden Grove Servlet Station,117 Cleveland St.CHIPPENDALE	337915	1970	Premise Match	577m	North
Motor Garages & Engineers - Chippendale	Golden Grove Service Station, 117 Cleveland St.	122427	1965	Premise Match	577m	North
MOTOR GARAGES &/OR ENGINEERS	Fraser, B., 449 Cleveland St., Redfern	83769	1950	Premise Match	578m	North
MOTOR SERVICE STATIONS-PETROL, Etc.	Golden Grove Service Station, 449 Cleveland St., Redfern	85999	1950	Premise Match	578m	North
MOTOR GARAGES &/OR ENGINEERS	Golden Grove Station (W. G. Clarke), 449 Cleveland St., Redfern	83810	1950	Premise Match	578m	North
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Williamson, Don Pty. Ltd, 174 Botany St, Waterloo.	51116	1978	Premise Match	587m	South
DRY CLEANERS, PRESSERS&/OR DYERS.	Johnson's Dry Cleaners, 138 Botany Rd., Alexandria.	24090	1975	Premise Match	588m	South
MOTOR GARAGES &/OR ENGINEERS	Ferguson, W. A. and Co., 120 Abercrombie St., Chippendale	83742	1950	Premise Match	590m	North
BATTERY SERVICE STATIONS	Scotts Battery Service Station, 109 Cleveland St., Chpndle	272078	1961	Premise Match	594m	North West
BATTERY SERVICE STATIONS	Scotts Battery Service, 457 Cleveland St., Redfern	6640	1950	Premise Match	595m	North West
MOTOR GARAGES & SERVICE STATIONS.	L.S.G. Auto Super Service, 128 Cleveland St., Chippendale.	64969	1986	Premise Match	596m	North
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	L & B Auto Super Service, 128 Cleveland St., Chippendale. 2008.	57069	1982	Premise Match	596m	North
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Precision Motor Engineering Co., 144 Botany Rd., Alexandria.	50681	1978	Premise Match	604m	South
MOTOR GARAGES & ENGINEERS(M6S6)	Precision Motor Engineering Co.,144 Botany Rd.ALEXANDRIA	338444	1970	Premise Match	604m	South
Motor Garages & Engineers - Alexandria	Precision Motor Engineering Co., 144 Botany Rd.	122086	1965	Premise Match	604m	South
MOTOR GARAGES &/OR ENGINEERS.	Precision Motor Engineering Co., 144 Botany Rd., Alexandria.	59410	1975	Premise Match	605m	South
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Ampol Castlereagh Service Station,292 Chalmers St.REDFERN	340762	1970	Premise Match	607m	East
MOTOR GARAGES & ENGINEERS(M6S6)	Ampol Castlereagh Service Station,292 Chalmers St.REDFERN	337198	1970	Premise Match	607m	East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Ampol Castlereagh Service Station, 292 Chalmers St., Redfern.	49277	1978	Premise Match	608m	East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Ampol Castlereagh Service Station, 292 Chalmers St., Redfern.	49278	1978	Premise Match	608m	East
MOTOR SERVICE STATIONS - PETROL, OIL	Ampol Castlereagh Service Station, 292 Chalmers St., Redfern,	61378	1975	Premise Match	608m	East
MOTOR GARAGES &/OR ENGINEERS.	Ampol Castlereagh Servlet Station, 292 Chalmers St., Redfern.	58351	1975	Premise Match	608m	East
Motor Garages & Engineers - Redfern	Ampol Castlereagh Service Station, 292 Chalmers St.	123276	1965	Premise Match	608m	East
Battery Service Stations	Castlereagh Service Station, , 292-296 Chalmers St., Redfern	50168	1965	Premise Match	608m	East
Motor Service Stations - Petrol, Oil, Etc. - Redfern	Castlereagh Service Station, 292-296 Chalmers St.	126082	1965	Premise Match	608m	East
MOTOR GARAGES & ENGINEERS	Castlereagh Service Station, 292-296 Chalmers St.	346839	1961	Premise Match	608m	East
BATTERY SERVICE STATIONS	Castlereagh Service Station, 292-296 Chalmers St., Redfern	272002	1961	Premise Match	608m	East
MOTOR GARAGES &/OR ENGINEERS.	Redfern Service Station, 133 Regent St., Redfern.	59451	1975	Premise Match	615m	North
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Valida Garage, 154 Botany Rd., Alexandria. 2015	57785	1982	Premise Match	622m	South
MOTOR GARAGES & SERVICE STATIONS.	Valida Garage, 154 Botany Rd., Alexandria.	65662	1986	Premise Match	627m	South

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Nicolosi, W., 154 Botany Rd., Alexandria.	50591	1978	Premise Match	627m	South
DRY CLEANERS, PRESSERS & DYERS	Mason, Phil (Agency), 101 Abercrombie St., Chippendale	35509	1950	Premise Match	642m	North
MOTOR GARAGES & SERVICE STATIONS.	Alexandria Auto Port, 159 Botany Rd., Waterloo.	63872	1986	Premise Match	654m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Alexandria Auto Port, 159 Botany Rd., Waterloo. 2017.	55942	1982	Premise Match	654m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Alexandria Auto Port. 159 Botany Rd.. Waterloo.	49222	1978	Premise Match	654m	South
MOTOR GARAGES & ENGINEERS	Alexandria Auto Port, 143-159 Botany Rd.	346489	1961	Premise Match	654m	South
MOTOR GARAGES & ENGINEERS(M6S6)	Alexandria Auto Port,143-159 Botany Rd.WATERLOO	337172	1970	Premise Match	655m	South
MOTOR GARAGES & SERVICE STATIONS.	BP Regent Service Station, 70 Regent St.	64212	1986	Premise Match	656m	North
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	BP Regent Service Station, 70 Regent St.,	56287	1982	Premise Match	656m	North
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	BP Regent Service Station. 70 Regent St..	49605	1978	Premise Match	656m	North
MOTOR GARAGES & ENGINEERS(M6S6)	Regent St. Service Station,70 Regent St.	338493	1970	Premise Match	657m	North
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Regent Street Service Station,70 Regent St.	341419	1970	Premise Match	657m	North
MOTOR GARAGES &/OR ENGINEERS.	BP Regent Service Station, 70 Regent St.,	58550	1975	Premise Match	662m	North
MOTOR GARAGES &/OR ENGINEERS.	Alexandria Auto Port,'143 Botany Rd., Waterloo.	58313	1975	Premise Match	664m	South
Motor Service Stations - Petrol, Oil, Etc. - Waterloo	Alexandria Auto Fort, 143-159 Botany Rd.	126222	1965	Premise Match	664m	South
MOTOR GARAGES & ENGINEERS(M6S6)	Bennett & Barkell Ltd.,Cnr. Meagher & Chlppen Sts.CHIPPENDALE	337294	1970	Road Intersection	671m	North
Motor Garages & Engineers - Chippendale	Bennett & Barkell Ltd., Cnr. Meagher & Chippen Sts.	122426	1965	Road Intersection	671m	North
MOTOR GARAGE EQUIPMENT & TOOL MFRS. &/OR DISTRIBUTORS	Bennett and Barkell Ltd., Meagher and Chippen Sts., Chippendale	83324	1950	Road Intersection	672m	North
MOTOR GARAGES & ENGINEERS	Bennett & Barkell Ltd., Cnr. Meagher & Chlppen Sts.	346635	1961	Road Intersection	673m	North
Motor Service Stations - Petrol, Oil, Etc. - City of Sydney	Reeent Street Service Station, 70 Regent St.	125346	1965	Premise Match	678m	North
Motor Garages & Engineers - City of Sydney	Willing & Sons Pty. Ltd., 70 Regent St.	122075	1965	Premise Match	678m	North
MOTOR GARAGES & ENGINEERS	Hawxwell & Jones Pty. Ltd., 165 Botany Rd.	347346	1961	Premise Match	683m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Sulivan, H. E., 13 Dadley St., Alexandria.	50887	1978	Premise Match	685m	South West
MOTOR GARAGES & ENGINEERS	Willing & Sons, 12 Meagher St. CHIPPENDALE	348464	1961	Premise Match	690m	North
DRY CLEANERS, PRESSERS&/OR DYERS.	Tops Dry Cleaners, 90 Abercrombie St., Chippendale.	24382	1975	Premise Match	694m	North
DRY CLEANERS, PRESSERS & DYERS	Skinner, N. (Agent), 90 Abercrombie St., Chippendale	35692	1950	Premise Match	694m	North
MOTOR GARAGES & SERVICE STATIONS.	Hawxwell & Jones Pty. Ltd., 165 Botany Rd., Waterloo.	64855	1986	Premise Match	694m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Hawxwell & Jones Pty. Ltd., 165 Botany Rd., Waterloo. 2017.	56952	1982	Premise Match	694m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Hawxwell & Jones Pty. Ltd., 165 Botany Rd., Waterloo.	50237	1978	Premise Match	694m	South
MOTOR GARAGES &/OR ENGINEERS.	HawxweV & Jones Pty. Ltd., 165 Botany Rd., Waterloo.	59034	1975	Premise Match	694m	South
MOTOR GARAGES & ENGINEERS(M6S6)	Hawxwell & Jones Pty. Ltd.,165 Botany Rd.WATERLOO	337997	1970	Premise Match	694m	South
Motor Garages & Engineers - Waterloo	Hawxwell & Janes Pty. Ltd., 165 Botany Rd.	123501	1965	Premise Match	694m	South
MOTOR GARAGES &/OR ENGINEERS	Hawxwell and Jones Pty. Ltd., 163 Botany Rd., Waterloo	83855	1950	Premise Match	694m	South

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
MOTOR SERVICE STATIONS-PETROL, Etc.	Hawxwell and Jones Pty. Ltd., 163 Botany Rd., Waterloo	86049	1950	Premise Match	694m	South
MOTOR GARAGES & ENGINEERS(M6S6)	Peter's Sales & Service,70 Darlington Rd.DARLINGTON	338416	1970	Premise Match	697m	North West
DRY CLEANERS, PRESSERS & DYERS	Jeeves (1938) Pty. Ltd Office Cnr. Rose and Ivy Sts., Darlington	35317	1950	Road Intersection	697m	North West
MOTOR GARAGES & SERVICE STATIONS.	Gradan Gears Pty. Ltd., 36 Anderson St., Alexandria.	64806	1986	Premise Match	697m	South West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Grsdn Gears Pty. Ltd., 36 Anderson St., Alexandria. 2015.	56892	1982	Premise Match	697m	South West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Gradan Gears Pty. Ltd, 36 Anderson St, Alexandria	50185	1978	Premise Match	697m	South West
MOTOR GARAGES &/OR ENGINEERS.	Gradan Gears Pty. Ltd. 36 Anderson St., Alexandria.	58982	1975	Premise Match	697m	South West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Chippendale Auto Port, 64 Regent St.,	56523	1982	Premise Match	700m	North
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Chippendale Auto Port, 64 Regent St.,	49797	1978	Premise Match	700m	North
DRY CLEANERS, PRESSERS & DYERS	Immaculate Dry Cleaners Pty. Ltd., 60 Cleveland St., Chippendale	35296	1950	Premise Match	703m	North West
MOTOR GARAGES & SERVICE STATIONS.	Nelson & Smith Pty. Ltd., 13 Dadley St., Alexandria.	65176	1986	Premise Match	709m	South West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Sullivan, H. E., 13 Dadley St., Alexandria. 2015.	57639	1982	Premise Match	709m	South West
MOTOR SERVICE STATIONS - PETROL, OIL	H. & S. Auto Engineering. 13 Dadley St., Alexandria.	61812	1975	Premise Match	709m	South West
MOTOR GARAGES & ENGINEERS(M6S6)	H. & S. Auto Engineering,13 Dadley St.ALEXANDRIA	337965	1970	Premise Match	709m	South West
Motor Garages & Engineers - Alexandria	H. & S. Auto Engineering, 13 Dadley St.	122082	1965	Premise Match	709m	South West
Motor Service Stations - Petrol, Oil, Etc. - Alexandria	Housdens Service Station, 13 Dadley St.	125359	1965	Premise Match	709m	South West
MOTOR GARAGES & ENGINEERS	Clarke, Vic Pty. Ltd., 13 Dadley St.	346896	1961	Premise Match	709m	South West
MOTOR GARAGES &/OR ENGINEERS	Carter, C. H., 107a Regent St.	83555	1950	Premise Match	710m	North
DRY CLEANERS, PRESSERS&/OR DYERS.	Athens Dry Cleaners, 639 Elizabeth St., Waterloo	23926	1975	Premise Match	716m	South East
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Moir, J., 15 Dadley St.	350880	1961	Premise Match	716m	South West
MOTOR SERVICE STATIONS-PETROL, Etc.	Moir, J., 15 Dadley St., Alexandria	86216	1950	Premise Match	716m	South West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Butler, J. R, 12 Chippen St., Chippendale. 2008.	56370	1982	Premise Match	717m	North
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Butler, J. R., 12 Chippen St., Chippendale.	49484	1978	Premise Match	717m	North
Motor Service Stations - Petrol, Oil, Etc. - Waterloo	Super Service Station, 181 Botany Rd.	126223	1965	Premise Match	717m	South
MOTOR GARAGES & ENGINEERS(M6S6)	Rizzo,A.,621 Elizabeth St.REDFERN	338517	1970	Premise Match	725m	East
Motor Garages & Engineers - Redfern	Rizzo, A., 621 Elizabeth St.	123284	1965	Premise Match	725m	East
MOTOR GARAGES & ENGINEERS	Rizzo, A., 621 Elizabeth St.	348031	1961	Premise Match	726m	East
MOTOR GARAGES & SERVICE STATIONS.	Chippendale Auto Port, 54 Regent St.	64466	1986	Premise Match	732m	North
DRY CLEANERS, PRESSERS &/OR DYERS	Quick Pressing Service, 617 Elizabeth St., Redfern.	20926	1978	Premise Match	744m	East
DRY CLEANERS, PRESSERS&/OR DYERS.	Quick Pressing Service, 617 Elizabeth St., Redfern.	24297	1975	Premise Match	744m	East
MOTOR GARAGES &/OR ENGINEERS.	Athan Pangas Pty. Ltd., 90 Shepherd St., Chippendale.	58376	1975	Premise Match	749m	North West
MOTOR GARAGES & SERVICE STATIONS.	Athan Pangas Pty Ltd., 90 Shepherd St., Chippendale.	63983	1986	Premise Match	750m	North West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Athan Pangas Pty. Ltd., 90 Shepherd St., Chippendale.	49322	1978	Premise Match	750m	North West

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
MOTOR GARAGES & ENGINEERS(M6S6)	Pangas,A. Pty. Ltd.,90 Shepherd St.CHIPPENDALE	338377	1970	Premise Match	750m	North West
Motor Garages & Engineers - Chippendale	Pangas, A., 90 Shepherd St.	122429	1965	Premise Match	750m	North West
Battery Service Stations	Ranges, A. , 90 Shepherd St., Chippendale	50223	1965	Premise Match	750m	North West
DRY CLEANERS, PRESSERS & DYERS	Tasman Dry Cleaners. 38 Mitchell Rd., Alexandria	35754	1950	Premise Match	754m	South West
MOTOR GARAGES & ENGINEERS	Pangas, A., 47 Myrtle St.	347842	1961	Premise Match	758m	North West
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	G.A.R. Service Station Pty. Ltd., 97 Regent St. CHULLORA	350593	1961	Premise Match	764m	North
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Road Amenities Pty. Ltd., 97 Regent St.	351029	1961	Premise Match	764m	North
DRY CLEANERS, PRESSERS / DYERS	American Dry Cleaners, 8-10 Abercrombie St., Chippendale	299029	1961	Premise Match	767m	North
MOTOR SERVICE STATIONS-PETROL, Etc.	York Motors Pty. Ltd. (Rolls Royce and Bentley only), 30-36 Balfour St., Chippendale	86551	1950	Premise Match	788m	North
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Super Service Station, 173 Botany Rd.	351141	1961	Premise Match	791m	South
Motor Garages & Service Stations	Athan Pangas Pty Ltd 90 Shepherd St, Chippendale 2008	53523	1991	Premise Match	801m	North West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Athan Pangas Pty. Ltd., 90 Shepherd St., Chippendale. 2008.	56054	1982	Premise Match	801m	North West
MOTOR GARAGES & ENGINEERS(M6S6)	South Sydney Auto Port,589 Elizabeth St.REDFERN	338636	1970	Premise Match	805m	North East
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	South Sydney Auto Port,589 Elizabeth St.REDFERN	341481	1970	Premise Match	805m	North East
Motor Garages & Engineers - Redfern	South Sydney Auto Port, 589 Elizabeth St.	123287	1965	Premise Match	806m	East
MOTOR GARAGES &/OR ENGINEERS	Friend, W. S., 31 Pine St., Chippendale	83773	1950	Premise Match	807m	North
Motor Service Stations - Petrol, Oil, Etc. - Redfern	South Sydney Auto Port, 587 Elizabeth St.	126090	1965	Premise Match	808m	North East
Motor Service Stations - Petrol, Oil, Etc. - Waterloo	Waterloo Car Centre, Cnr. Wellington & Elizabeth Sts.	126224	1965	Road Intersection	827m	South East
Motor Garages & Engineers - Waterloo	Waterloo Car Centre, 762 Elizabeth St. & Wellington St.	123505	1965	Road Intersection	828m	South East
MOTOR SERVICE STATIONS-PETROL, Etc.	Super Service Station, 173 Botany Rd., Waterloo	86443	1950	Premise Match	845m	South
MOTOR GARAGES & ENGINEERS	Heddl J 17 Blackfriars St.	347351	1961	Premise Match	853m	North
MOTOR GARAGES & ENGINEERS	Heddl, J., 17 Blackfriars St.,	347352	1961	Premise Match	853m	North
MOTOR GARAGES & ENGINEERS(M6S6)	Heddl,J.,17 Blackfriars St.CHIPPENDALE	338000	1970	Premise Match	854m	North
Motor Garages & Engineers - Waterloo	McEvoy St. Auto Port, Cnr. McEvoy & George St.	123503	1965	Road Intersection	865m	South East
Motor Service Stations - Petrol, Oil, Etc. - City of Sydney	McEvoy Street Auto Port, Cnr. McEvoy & George Sts.	125340	1965	Road Intersection	865m	South East
MOTOR SERVICE STATIONS-PETROL, Etc.	Jimmy Murphy's Service Station, 69 Regent St.	86089	1950	Premise Match	869m	North
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	McEvoy Street Auto Port,cnr. McEvoy & George Sts.	341321	1970	Road Intersection	869m	South East
MOTOR GARAGES &/OR ENGINEERS	Murphy, Jimmy Service Station, 63-69 Regent St.	84118	1950	Premise Match	874m	North
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Wyndham Service Centre Cnr. Wyndham & McEvoy Sts.	351315	1961	Road Intersection	877m	South
MOTOR GARAGES & ENGINEERS	Wyndham Service Centre, Cnr. Wyndham & McEvoy Sts.	348500	1961	Road Intersection	877m	South
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Wyndham Service Centre, Cnr. Wyndham & McEvoy Sts. ALLAWAH	351316	1961	Road Intersection	877m	South
DRY CLEANERS & PRESSERS.	Belvedere, 275 Cleveland St., Redfern.	25236	1986	Premise Match	878m	North East
DRY CLEANERS & PRESSERS. (D8500)	Belvedere, 275 Cleveland St., Redfern. 2016.	23766	1982	Premise Match	878m	North East
MOTOR GARAGES & ENGINEERS(M6S6)	Waterloo Car Centre,762 Elizabeth St. & Wellington St.WATERLOO	338843	1970	Premise Match	879m	South East
MOTOR GARAGES & ENGINEERS(M6S6)	Caltex Service Station,762 Elizabeth St.WATERLOO	337506	1970	Premise Match	882m	South East
MOTOR GARAGES & SERVICE STATIONS.	Waterloo Car Centre, Caltex, 762 Elizabeth St., Waterloo.	65685	1986	Premise Match	883m	South East



Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Waterloo Car Centre (Caltex). 762 Elizabeth St. Waterloo. 2017.	57818	1982	Premise Match	883m	South East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Waterloo Car Centre. 762 Elizabeth St., Waterloo.	51059	1978	Premise Match	883m	South East
MOTOR GARAGES &/OR ENGINEERS.	Waterloo Car Centre, 762 Elizabeth St. Waterloo.	59745	1975	Premise Match	883m	South East
MOTOR GARAGE EQUIPMENT & TOOL MFRS. &/OR DISTRIBUTORS	Toroid Industrial Suppliers N.S.W., 557 Elizabeth St.	83337	1950	Premise Match	891m	North East
DRY CLEANING MACHINERY & SUPPLIES-MFRS.&/OR DIST. (D720)	Bryce,R.& Co.Ltd.,183 Botany Rd.,Waterloo	292586	1970	Premise Match	895m	South
Dry Cleaning Machinery & Supplies - Mfrs. &/or Dist.	Bryce, R. & Co. Ltd., 183 Botany Rd., Waterloo	76394	1965	Premise Match	895m	South
Motor Garages & Engineers - City of Sydney	Elizabeth Service Station Pty. Ltd., 543 Elizabeth St.	122041	1965	Premise Match	901m	North East
Motor Service Stations - Petrol, Oil, Etc. - City of Sydney	Elizabeth Service Station Pty. Ltd., 543 Elizabeth St.	125329	1965	Premise Match	901m	North East
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Elizabeth Service Station Pty. Ltd., 543 Elizabeth St.	350557	1961	Premise Match	902m	North East
MOTOR GARAGES & ENGINEERS	Elizabeth Service Staton Pty. Ltd., 543 Elizabeth St.	347093	1961	Premise Match	902m	North East
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Metropolitan Service Station, 543 Elizabeth St.	350864	1961	Premise Match	902m	North East
MOTOR GARAGES & ENGINEERS	Press, J. A., 543 Elizabeth St.	347940	1961	Premise Match	902m	North East
MOTOR GARAGES & ENGINEERS(M6S6)	Elizabeth Service Station Pty. Ltd.,543 Elizabeth St.	337723	1970	Premise Match	904m	North East
MOTOR SERVICE STATIONS- PETROL,OIL,Etc. (M716)	Elizabeth Service Station Pty. Ltd.,543 Elizabeth St.	341023	1970	Premise Match	904m	North East
MOTOR SERVICE STATIONS- PETROL, Etc.	Metropolitan Service Station, 543 Elizabeth St.	86207	1950	Premise Match	904m	North East
MOTOR GARAGES & ENGINEERS	Arnett's Motor Repair Garage, 44 City Rd.	346522	1961	Premise Match	915m	North West
MOTOR SERVICE STATIONS- PETROL, Etc.	Arnett's Motor Repair Garage, 44 City Rd.	85751	1950	Premise Match	915m	North West
MOTOR GARAGES &/OR ENGINEERS	Arnotts Motor Repair Garage, 44 City Rd,	83382	1950	Premise Match	915m	North West
Motor Garages & Engineers - Alexandria	Alexandria Auto Repairs, 72 Belmont St.	122078	1965	Premise Match	927m	South West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Notsch, I., 38 City Rd., Chippendale. 2008.	57312	1982	Premise Match	929m	North West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Notsch, I., 38 City Rd., Chippendale.	50608	1978	Premise Match	929m	North West
MOTOR GARAGES & ENGINEERS(M6S6)	K.R.B. Engineering,38 City Rd.	338083	1970	Premise Match	929m	North West
MOTOR GARAGES & ENGINEERS(M6S6)	K.R.B. Engineering,38 City Rd.CHIPPENDALE	338084	1970	Premise Match	929m	North West
Motor Garages & Engineers - City of Sydney	K. R. B. Engineering, 38 City Rd.	122053	1965	Premise Match	929m	North West
MOTOR GARAGES & ENGINEERS	Brabham, R. & K., 38 City Rd.	346712	1961	Premise Match	936m	North West
MOTOR GARAGES & ENGINEERS	K.R.B. Engineering, 38 City Rd.	347476	1961	Premise Match	936m	North West
MOTOR SERVICE STATIONS- PETROL, Etc.	Adams, Williams and Co. Ltd., Fountain St., Alexandria	85737	1950	Premise Match	954m	South
DRY CLEANERS, PRESSERS & DYERS	Tasman Dry Cleaners. 302 Cleveland St	35767	1950	Premise Match	957m	North East
Dry Cleaners, Pressers/Dyers	Immaculate Dry Cleaning Pty. Ltd., 78 Mitchell Rd., Alex.	76199	1965	Premise Match	957m	South West
DRY CLEANERS, PRESSERS / DYERS	Immaculate Dry Cleaning Pty. Ltd., 78 Mitchell Rd., Alex.	299140	1961	Premise Match	957m	South West
BATTERY SERVICE STATIONS	McFarlane, A. G., 20 Abercrombie St.	6621	1950	Premise Match	958m	North
DRY CLEANERS, PRESSERS&/OR DYERS.	Immaculate Dry Cleaning Pty. Ltd., 78 Mitchell Rd., Alexandria.	24082	1975	Premise Match	958m	South West
DRY CLEANERS,PRESSERS/DYERS (D710)	Immaculate Dry Cleaning Pty.Ltd.,78 Mitchell Rd.,Alex.	292347	1970	Premise Match	958m	South West



Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
DRY CLEANING MACHINERY & SUPPLIES MFRS. &/OR DISTRIBUTORS	Beaton M. G. and Co., 78 Mitchell Rd., Alexandria	35841	1950	Premise Match	958m	South West
DRY CLEANERS,PRESSERS/DYERS (D710)	Shehadie Bros.,307 Cleveland St.,Redfern	292501	1970	Premise Match	972m	East
Dry Cleaners, Pressers/Dyers	Shehadie Bros., 307 Cleveland St., Redfern	76330	1965	Premise Match	972m	East
DRY CLEANERS, PRESSERS / DYERS	Shehadie Bros., 307 Cleveland St., Redfern	299262	1961	Premise Match	972m	East
DRY CLEANERS & PRESSERS.	Ankara, 314 Cleveland St., Surry Hills.	25213	1986	Premise Match	977m	North East
MOTOR GARAGES & ENGINEERS	Klein, H. A., 10 Shepherd St.	347519	1961	Premise Match	985m	North
MOTOR GARAGES &/OR ENGINEERS	Klein, H. A., 10 Shepherd St.	83963	1950	Premise Match	985m	North
ENGINEERS-LAUNDRY & DRY CLEANING (E660)	Lilley,R.Industries Pty.Ltd.,88 Mitchell Rd.,Alexandria	300088	1970	Premise Match	989m	South West
DRY CLEANING MACHINERY & SUPPLIES-MFRS.&/OR DIST. (D720)	Lilley,Robert Industries Pty.Ltd.,88 Mitchell Rd.,Alexandria	292599	1970	Premise Match	989m	South West
Engineers - Laundry & Dry Cleaning	Lilley, R. Industries Pty. Ltd. , 88 Mitchell Rd., Alexandria	83325	1965	Premise Match	989m	South West
Dry Cleaning Machinery & Supplies - Mfrs. &/or Dists.	Lilley, Robert Industries Pty. Ltd., 88 Mitchell Rd., Alexandria	76409	1965	Premise Match	989m	South West
DRY CLEANING MACHINERY & SUPPLIES-MFRS. &/OR DIST.	Lilley, R. & Co. (N.S.W.) Pty. Ltd., 88 Mitchell Rd., Alex	299350	1961	Premise Match	989m	South West
ENGINEERS-LAUNDRY & DRY CLEANING	Lilley, R. & Co. (N.S.W.) Pty. Ltd., 88 Mitchell Rd., Alexandria	307516	1961	Premise Match	989m	South West
DRY CLEANERS, PRESSERS & DYERS	Burton, W., 88 Mitchell Rd., Alexandria	35146	1950	Premise Match	989m	South West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Southline Autos Pty. Ltd., 90 Broadway, Chippendale.	50865	1978	Premise Match	994m	North
MOTOR GARAGES &/OR ENGINEERS.	Southline Autos Pty. Ltd. 90 Broadway, Chippendale.	59562	1975	Premise Match	997m	North

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## Historical Business Directories

### 13-23 Gibbons Street, Redfern, NSW 2016

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

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

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
Motor Garages & Engineers - Alexandria	Wyndham Service Centre, Wyndham St.	122091	1965	Road Match	149m
Motor Service Stations - Petrol, Oil, Etc. - Alexandria	Wyndham Service Centre, Wyndham St.	125364	1965	Road Match	149m
MOTOR GARAGES & SERVICE STATIONS.	Wyndham Service Centre, Wyndham St., Alexandria.	65733	1986	Road Match	149m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Wyndham Service Centre, Wyndham St., Alexandria.	51135	1978	Road Match	149m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Wyndham Service Centre, Wyndham St., Alexandria. 2015.	57868	1982	Road Match	149m
MOTOR GARAGES & ENGINEERS(M6S6)	Wyndham Service Centre,Wyndham St.ALEXANDRIA	338920	1970	Road Match	149m
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Wyndham Service Centre,Wyndham St.ALEXANDRIA	341647	1970	Road Match	149m
MOTOR SERVICE STATIONS - PETROL, OIL	Wyndham Service Centre. Wyndham St., Alexandria.	62058	1975	Road Match	149m
DRY CLEANERS, PRESSERS & DYERS	Immaculate Dry Cleaners, Redfern St. Redfern	35300	1950	Road Match	152m
DRY CLEANERS, PRESSERS & DYERS	Tasman Dry Cleaners. Renwick St., Redfern	35775	1950	Road Match	152m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	MacKenzie & Adams Pty. Ltd., Garden St., Alexandria.	50406	1978	Road Match	187m
MOTOR GARAGES &/OR ENGINEERS.	MacKenzie & Adams Pty. Ltd., Garden St., Alexandria.	59178	1975	Road Match	187m
MOTOR GARAGES & ENGINEERS	Redfern Motor Garage, 76 Lawson Sq.	347987	1961	Road Match	188m
MOTOR GARAGES &/OR ENGINEERS	Redfern Motor Garage, 76 Lawson Sq., Redfern	84263	1950	Road Match	188m
MOTOR SERVICE STATIONS-PETROL, Etc.	Redfern Motor Garage, 76 Lawson Sq., Redfern	86322	1950	Road Match	188m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Harris Spares, 70 George St., Redfern,	50230	1978	Road Match	226m
DRY CLEANERS,PRESSERS/DYERS (D710)	Jones,David Ltd.,George St.	292356	1970	Road Match	226m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Mr. Tune-Up. 56 George St., Redfern. 2016.	57262	1982	Road Match	226m
Motor Service Stations - Petrol, Oil, Etc. - Redfern	R.S.L. Esso Service Station, 56 George St.	126088	1965	Road Match	226m
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	R.S.L. Esso Service Station,56 George St.REDFERN	341414	1970	Road Match	226m
Motor Garages & Engineers - Redfern	R.S.L. Service Station, 70 George St.	123281	1965	Road Match	226m
MOTOR GARAGES & ENGINEERS(M6S6)	R.S.L. Service Station,70 George St.REDFERN	338467	1970	Road Match	226m
MOTOR GARAGES & SERVICE STATIONS.	Redfern Service Centre, George St., Redfern.	65328	1986	Road Match	226m
MOTOR SERVICE STATIONS - PETROL, OIL	Regem Service Centre, George St., Redfern.	61913	1975	Road Match	226m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Regem Service Centre, George St., Redfern.	50727	1978	Road Match	226m

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Regern Service Centre, George St., Redfern. 2016.	57450	1982	Road Match	226m
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Smith,C. Service Station,George StREDFERN	341469	1970	Road Match	226m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Steves Motor Repairs, 70 George St, Redfern. 2016.	57625	1982	Road Match	226m
MOTOR GARAGES & SERVICE STATIONS.	Tela Pty. Ltd., 70 George St., Redfern.	65564	1986	Road Match	226m
MOTOR GARAGES & ENGINEERS	Albania Motor Repair Co., 17 Pitt St.	346483	1961	Road Match	388m
MOTOR GARAGES &/OR ENGINEERS	Albania Motor Repair Coy., 17 Pitt St., Redfern	83362	1950	Road Match	388m
MOTOR GARAGE AND ENGINEERS	Smith, S. J., Shepherd St., Old Bar	621086	1970	Road Match	490m
MOTOR GARAGES & ENGINEERS	Golden Grove Service Station, 117 Cleveland St.	347259	1961	Road Match	517m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Harris Spares, Cleveland St Redfern. 2016.	56943	1982	Road Match	517m
MOTOR GARAGES & SERVICE STATIONS.	Harris Spares, Cleveland St., Redfern.	64849	1986	Road Match	517m
MOTOR GARAGES & ENGINEERS	Imperial Garage, 153 Cleveland St.	347426	1961	Road Match	517m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Alexandria Auto Port, Mitchell Rd.. Alexandria.	49221	1978	Road Match	527m
Motor Service Stations - Petrol, Oil, Etc. - Erskineville	Erskineville Auto Port, Mitchell Rd.	125686	1965	Road Match	527m
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Erskineville Auto Port,Mitchell Rd.ERSKINEVILLE	341034	1970	Road Match	527m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Erskineville Auto Port. Mitchell Rd.. Erskineville.	49952	1978	Road Match	527m
MOTOR SERVICE STATIONS - PETROL, OIL	Erskineville Auto Port, Mitchell Rd., Erskineville	61687	1975	Road Match	527m
MOTOR SERVICE STATIONS - PETROL, OIL	Esso Servicenter, Mitchell Rd., Alexandria.	61710	1975	Road Match	527m
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Esso Servicenter,Mitchell Rd.ALEXANDRIA	341097	1970	Road Match	527m
DRY CLEANERS, PRESSERS & DYERS	Tasman Dry Cleaners. Castlereagh St., Redfern	35748	1950	Road Match	530m
Dry Cleaners, Pressers/Dyers	Anderson Bros. (Dry Cleaners) Pty. Ltd., 46 Regent St.	76064	1965	Road Match	548m
DRY CLEANERS, PRESSERS / DYERS	Anderson Bros. (Dry Cleaners) Pty. Ltd., 46 Regent St.	299030	1961	Road Match	548m
MOTOR GARAGES & ENGINEERS	Anson Motor Service, Anderson St.	346514	1961	Road Match	615m
MOTOR GARAGES &/OR ENGINEERS	Scholtz, E. N., 231 Elizabeth St., Redfern	84347	1950	Road Match	703m
MOTOR GARAGES & ENGINEERS	South Sydney Auto Port, 589 Elizabeth St.	348170	1961	Road Match	703m
MOTOR GARAGES & ENGINEERS(M6S6)	McEvoy Street Auto Port,McEvoy St.WATERLOO	338231	1970	Road Match	838m
Motor Garages & Service Stations	Waterloo Service Station McEvoy St., Waterloo	53985	1991	Road Match	838m
MOTOR GARAGES & SERVICE STATIONS.	Waterloo Service Station, McEvoy St., Waterloo.	65686	1986	Road Match	838m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	BP Waterloo Service Station, Moorehead St., Waterloo.	49643	1978	Road Match	902m
MOTOR GARAGES & ENGINEERS(M6S6)	BP Waterloo Service Station,Moorehead Rd.WATERLOO	337416	1970	Road Match	902m
MOTOR SERVICE STATIONS - PETROL, OIL	BP Waterloo Service Station. Moorehead St., Waterloo.	61580	1975	Road Match	902m
Motor Garages & Engineers - Alexandria	Harrison, Reg. Pty. Ltd., 44 Hiles St.	122083	1965	Road Match	918m
MOTOR GARAGES & ENGINEERS(M6S6)	Harrison,Reg. Pty. Ltd.,44 Hiles St.ALEXANDRIA	337985	1970	Road Match	918m
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Adams, Williams & Co. Ltd., Fountain St.	350292	1961	Road Match	946m
MOTOR GARAGES & ENGINEERS	Peter Lloyd Ltd., Fountain St.	347900	1961	Road Match	946m

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
MOTOR GARAGES &/OR ENGINEERS	Truck Repairs, Lawrence St., Alexandria	84482	1950	Road Match	969m

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# Aerial Imagery 2009

13-23 Gibbons Street, Redfern, NSW 2016



Google Earth

## Legend

- Site Boundary
- Buffer 150m

Scale:

0 25 50 100  
Meters

Data Sources: Aerial Imagery © 2017 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.

Coordinate System:  
GDA 1994 MGA Zone 56

Date: 31 October, 2017



Aerial Imagery 2000

13-23 Gibbons Street, Redfern, NSW 2016



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Coordinate System:  
GDA 1994 MGA Zone 56

Date: 31 October, 2017





Scale: 0 25 50 100 Meters	Data Sources: Aerial Imagery © Department Finance, Services & Innovation	Coordinate System: GDA 1994 MGA Zone 56	Date: 02 November 2017
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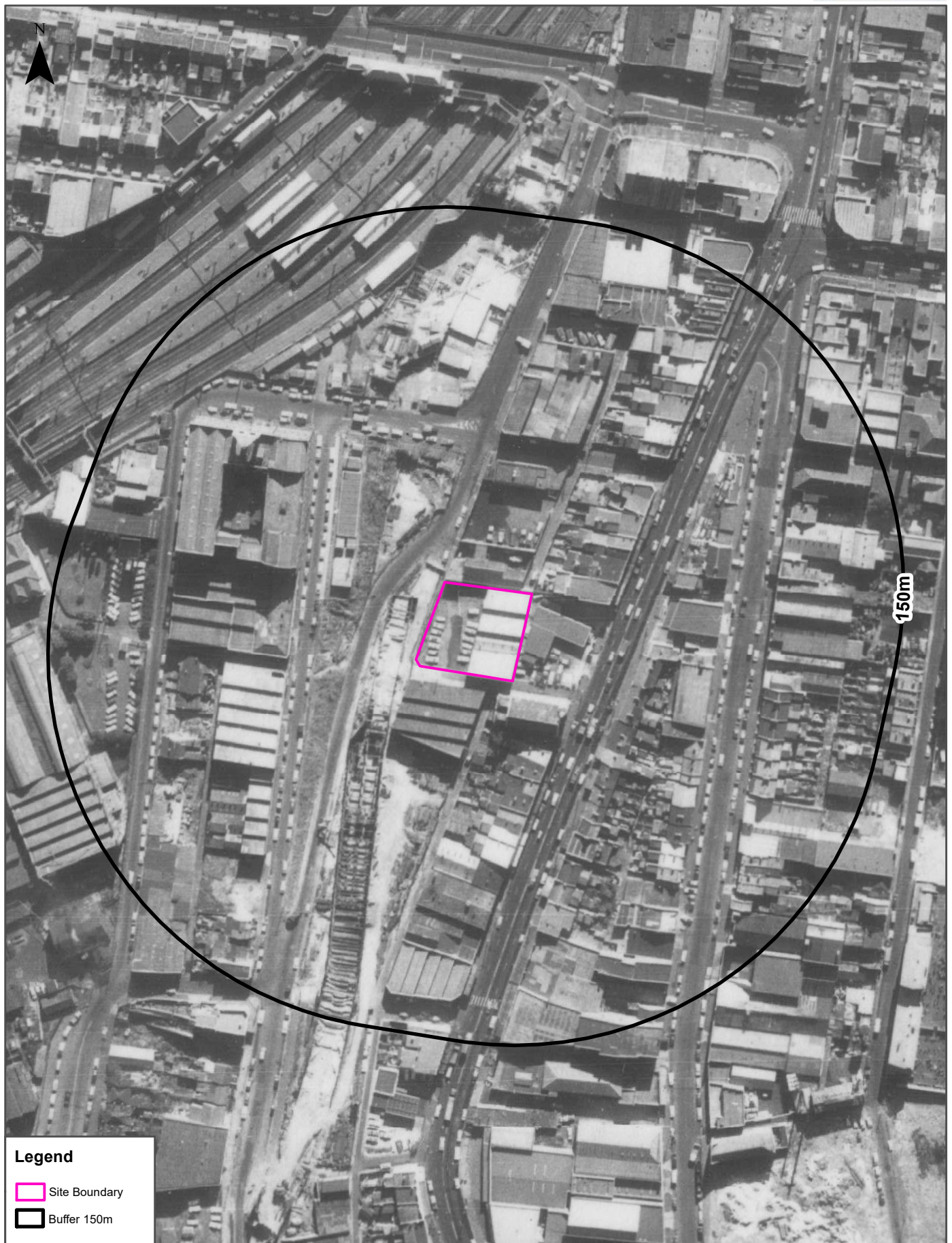






## Aerial Imagery 1970

13-23 Gibbons Street, Redfern, NSW 2016



Scale:

0 25 50 100  
Meters

Data Sources: Historical Aerials: © Department Finance,  
Services & Innovation

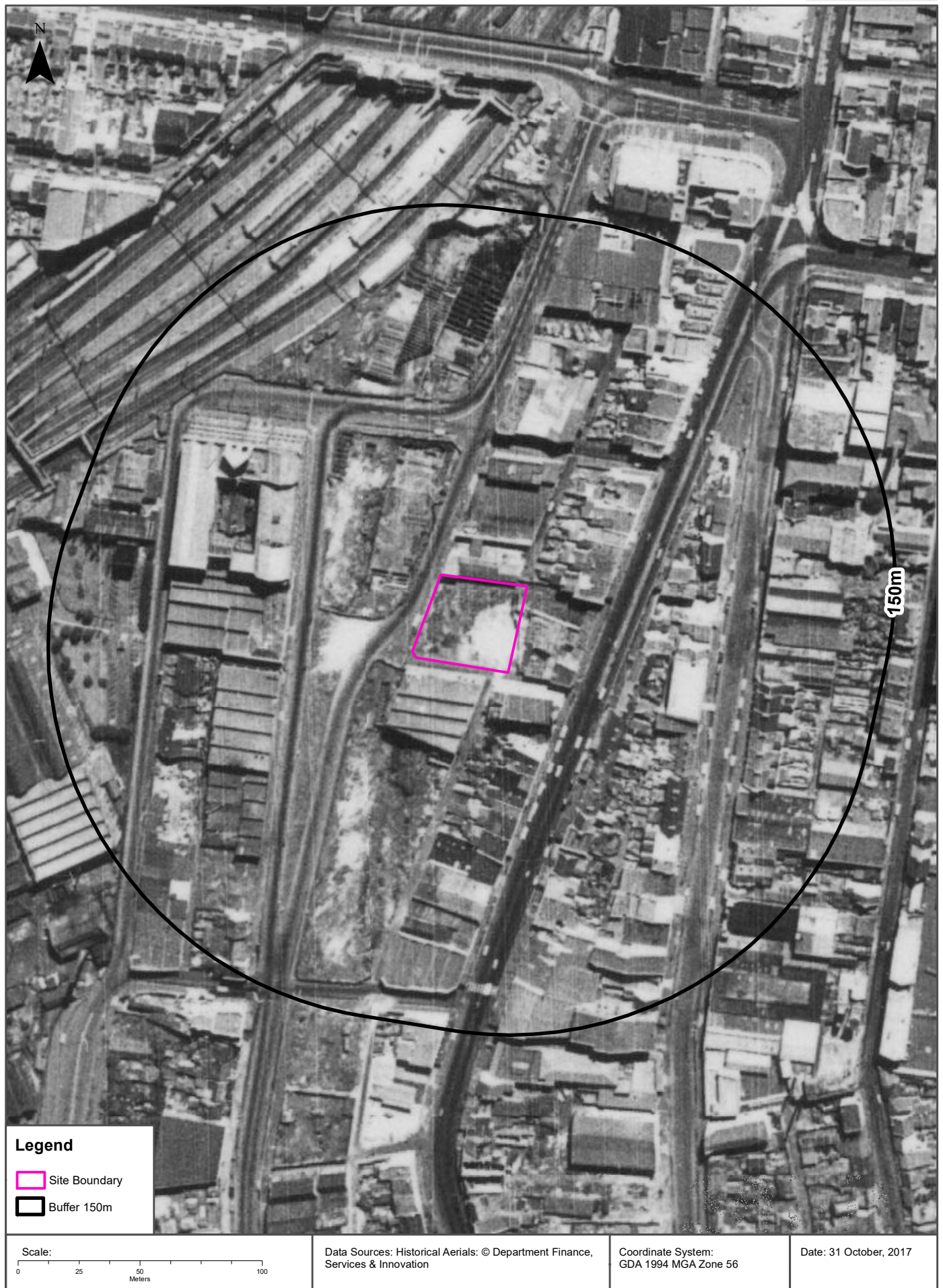
Coordinate System:  
GDA 1994 MGA Zone 56

Date: 31 October, 2017



## Aerial Imagery 1965

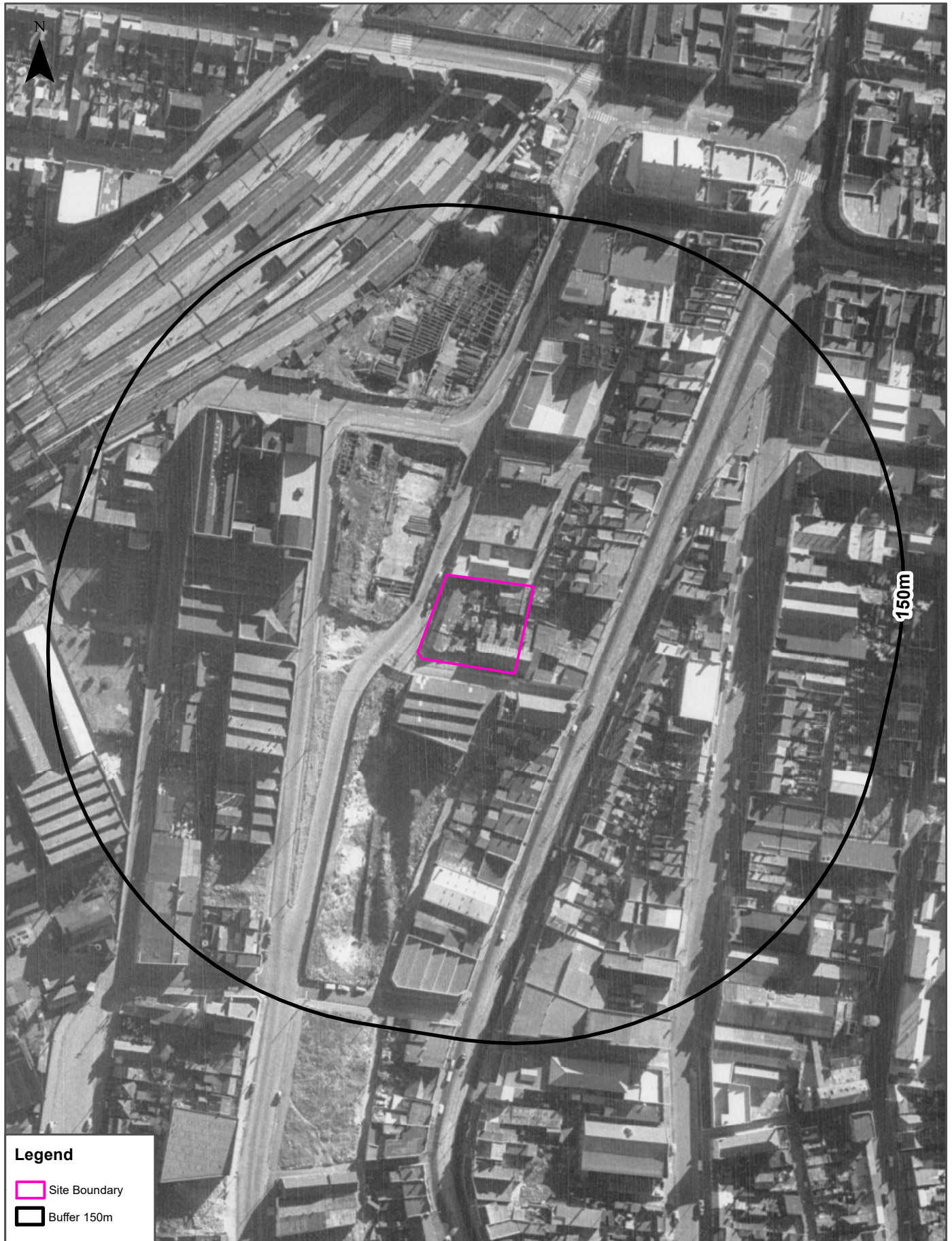
13-23 Gibbons Street, Redfern, NSW 2016





## Aerial Imagery 1961

13-23 Gibbons Street, Redfern, NSW 2016



Scale:

0 25 50 100  
Meters

Data Sources: Historical Aerials: © Department Finance,  
Services & Innovation

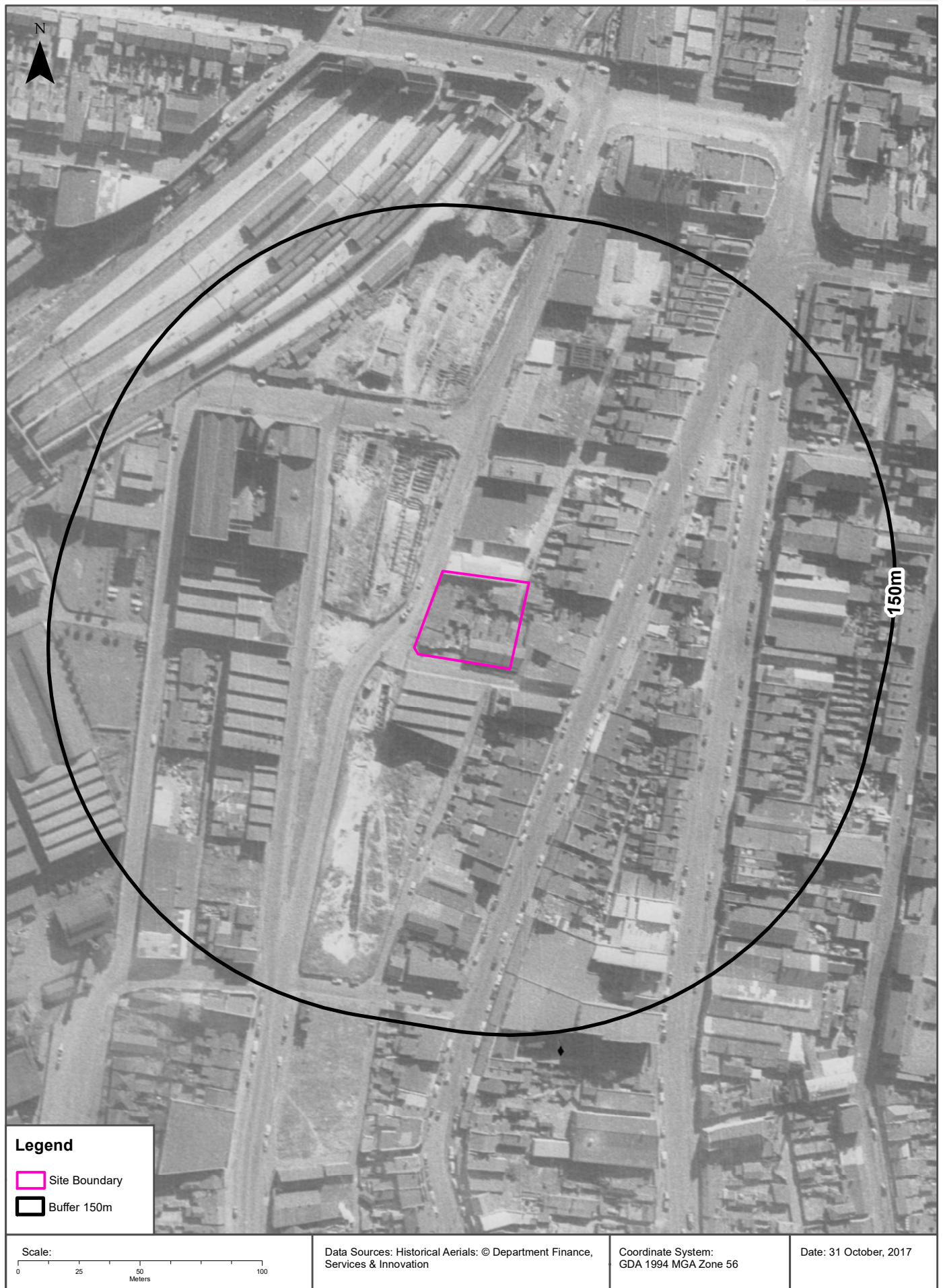
Coordinate System:  
GDA 1994 MGA Zone 56

Date: 31 October, 2017



## Aerial Imagery 1955

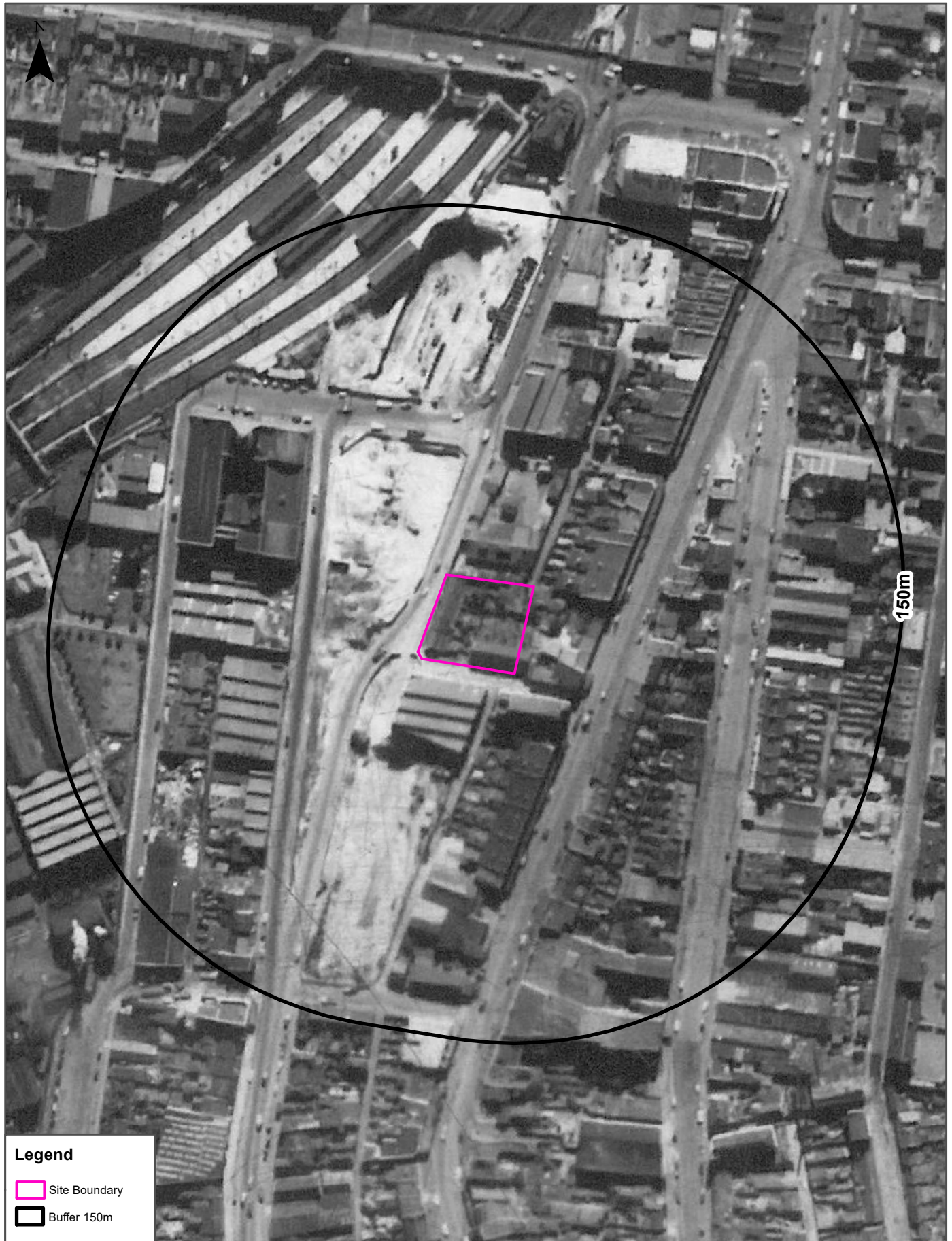
13-23 Gibbons Street, Redfern, NSW 2016





## Aerial Imagery 1951

13-23 Gibbons Street, Redfern, NSW 2016



### Legend

-  Site Boundary
-  Buffer 150m

Scale:

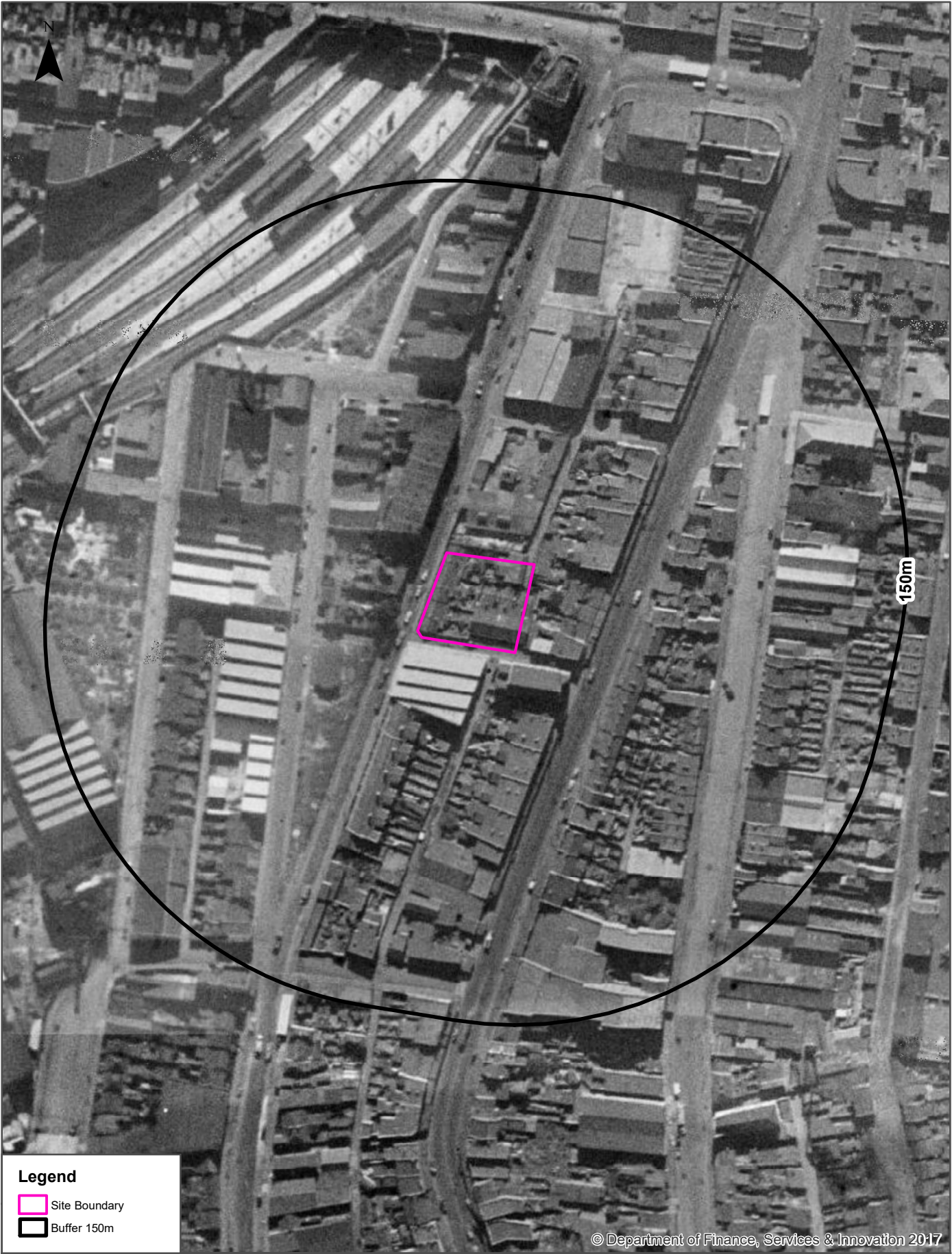
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Data Sources: Historical Aerials: © Department Finance,  
Services & Innovation

Coordinate System:  
GDA 1994 MGA Zone 56

Date: 31 October, 2017



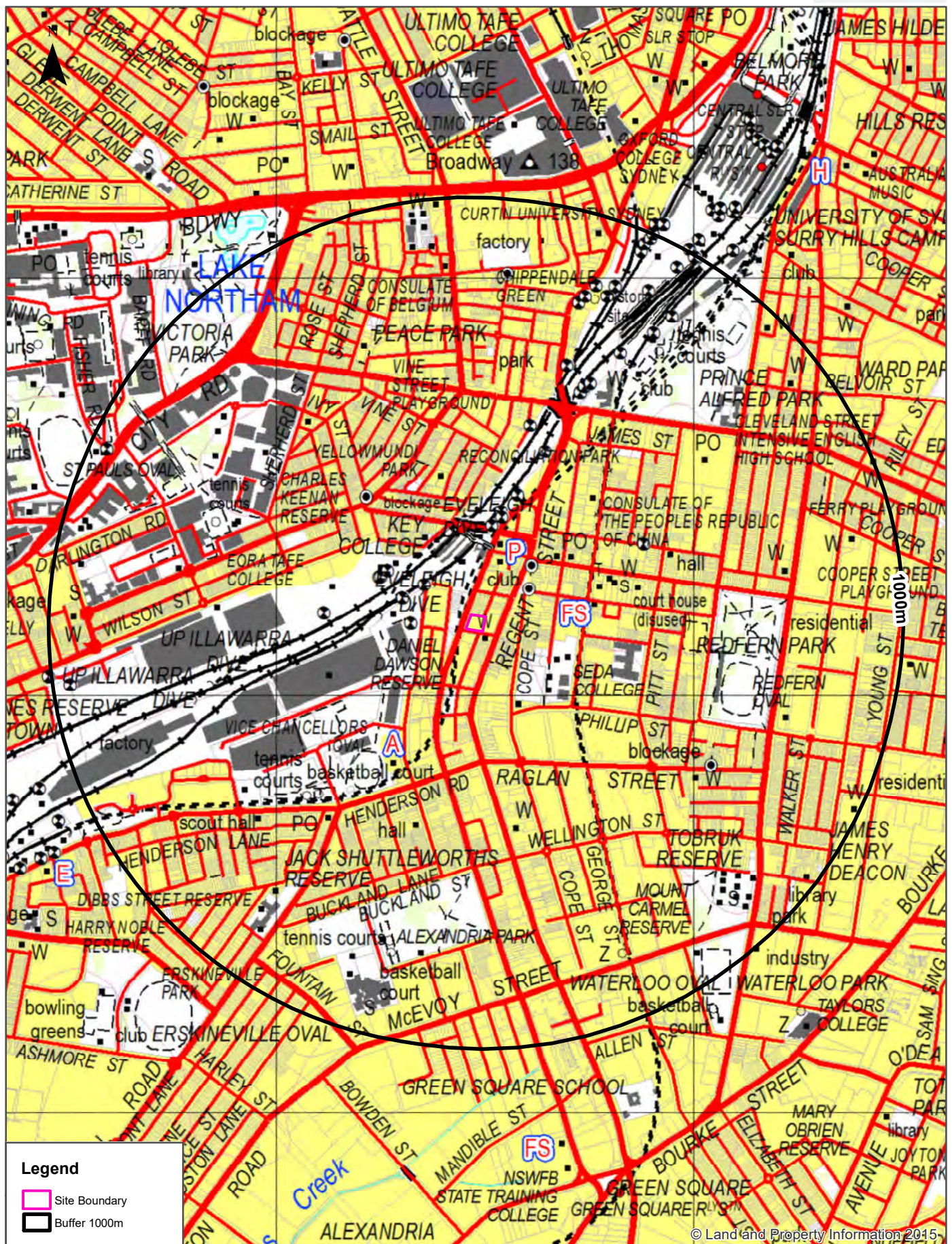


Scale: 0 25 50 100 Meters	Data Sources: Aerial Imagery © Department Finance, Services & Innovation	Coordinate System: GDA 1994 MGA Zone 56	Date: 02 November 2017
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# Topographic Map 2015

13-23 Gibbons Street, Redfern, NSW 2016



## Legend

- Site Boundary
- Buffer 1000m

Scale:  
0 50 100 200 300 400 500  
Meters

Data Sources: Topographic Map Data  
© NSW Land and Property Information

Coordinate System:  
GDA 1994 MGA Zone 56

Date: 02 November 2017



## Historical Map 1975

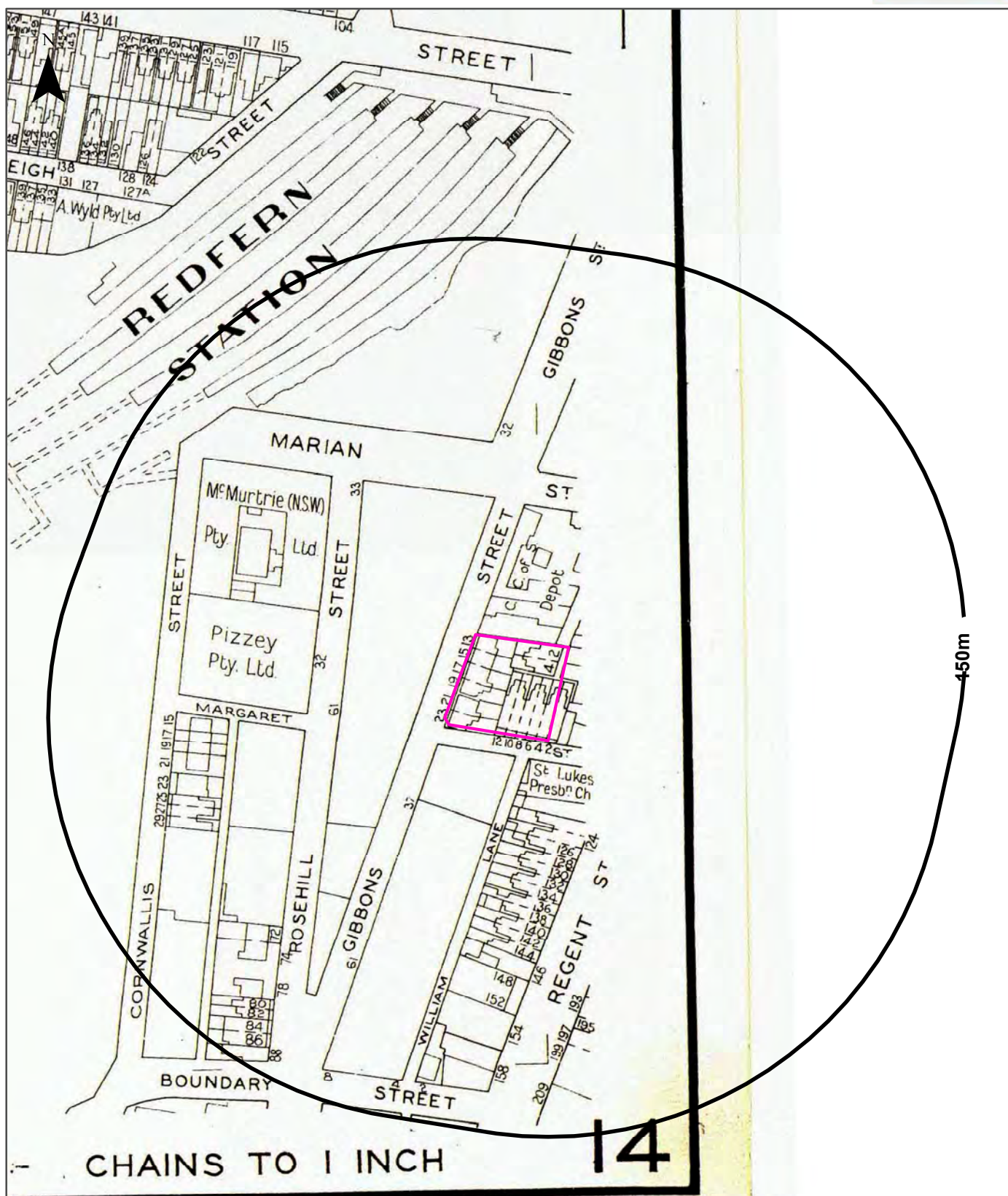
13-23 Gibbons Street, Redfern, NSW 2016





# Historical Maps ca.1956

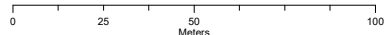
13-23 Gibbons Street, Redfern, NSW 2016



## Legend

- Site Boundary
- Buffer 150m

Scale:



Data Sources: City Building Surveyor Sheets (Sheet 14)  
Building Regulation Branch - City Building Surveyor's  
Department, Council of the City of Sydney

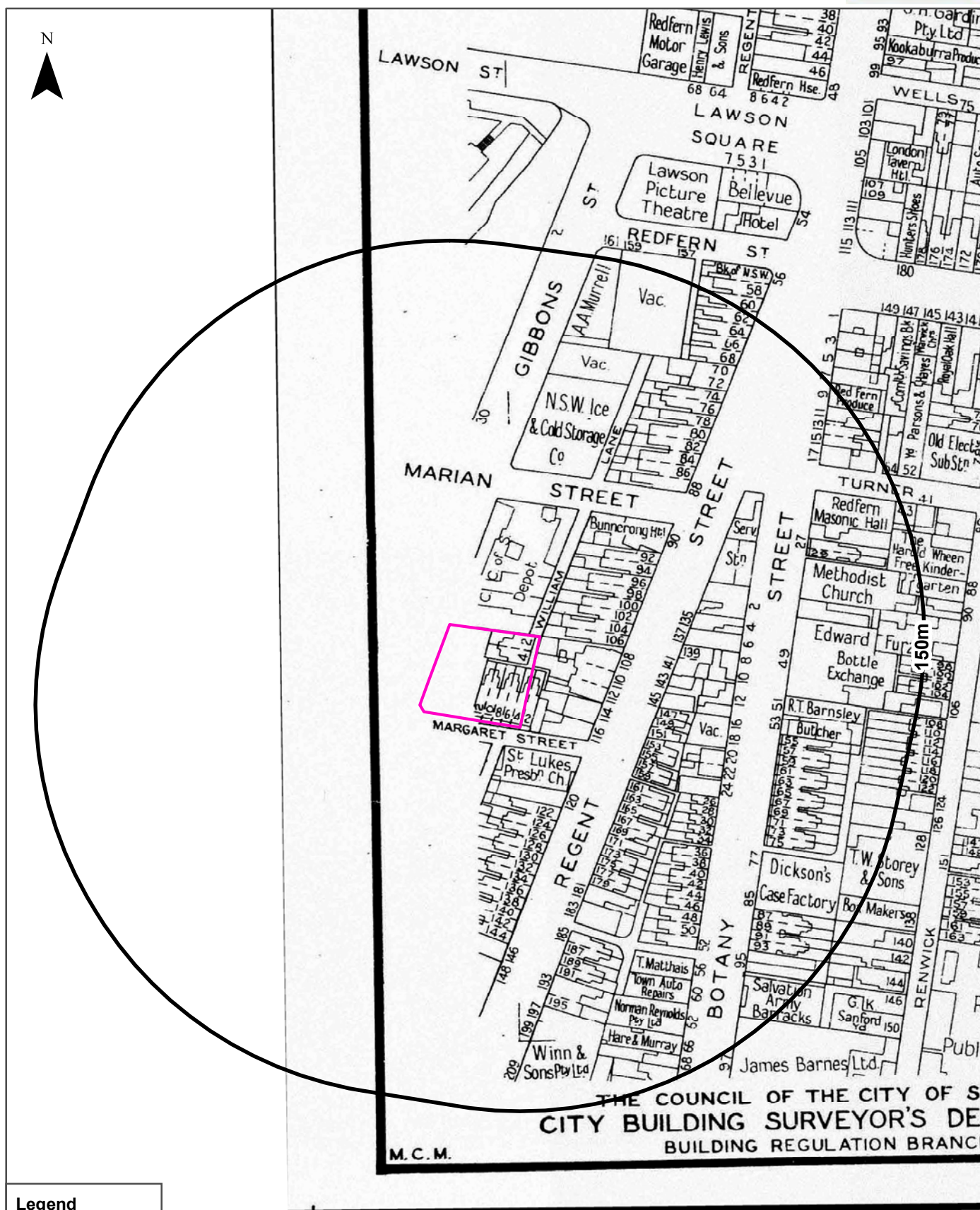
Coordinate System:  
GDA 1994 MGA Zone 56

Date: 02 November 2017



# Historical Maps ca.1956

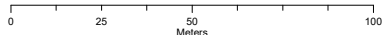
13-23 Gibbons Street, Redfern, NSW 2016



## Legend

- Site Boundary
- Buffer 150m

Scale:



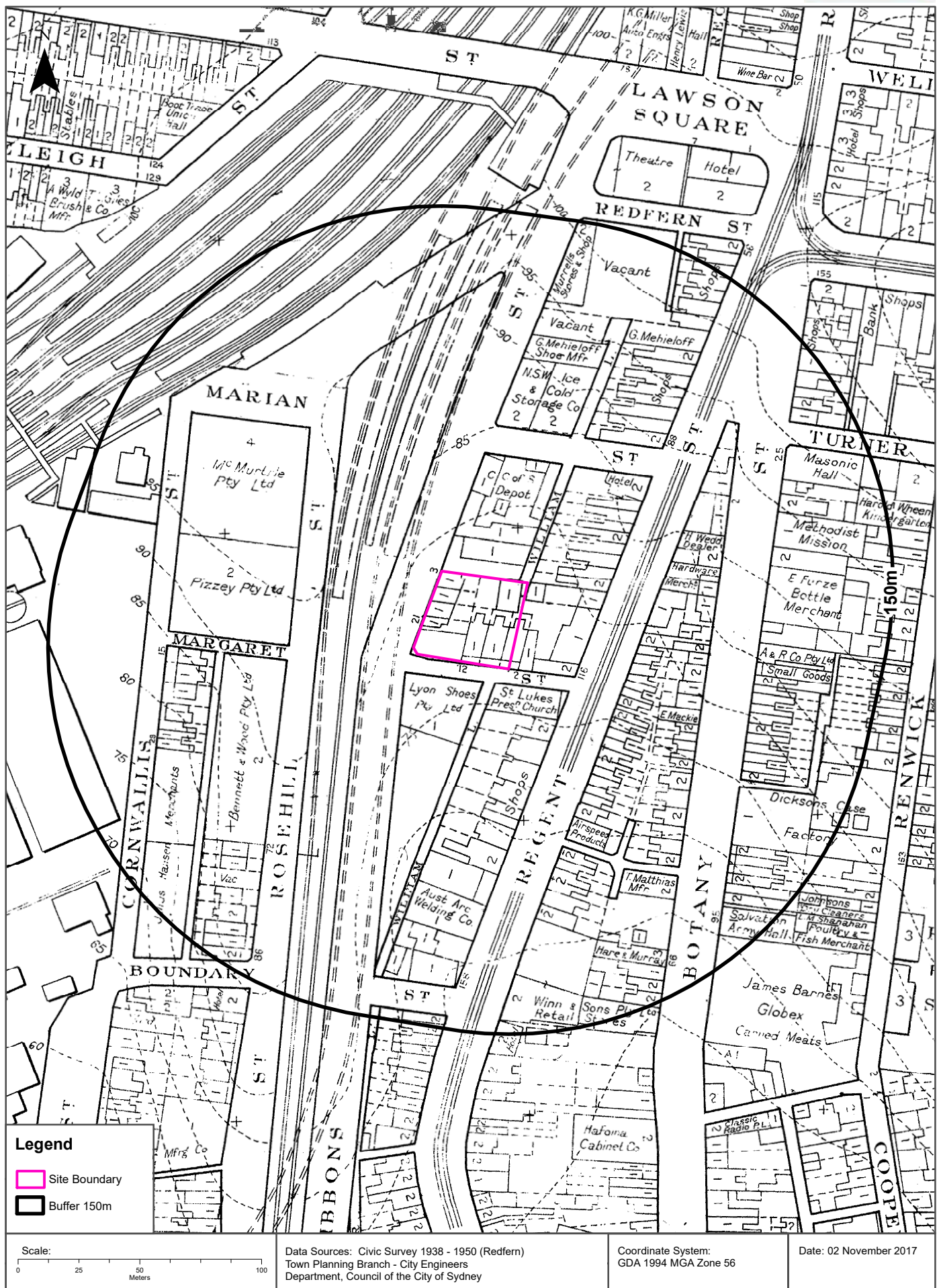
Data Sources: City Building Surveyor Sheets (Sheet 15)  
Building Regulation Branch - City Building Surveyor's  
Department, Council of the City of Sydney

Coordinate System:  
GDA 1994 MGA Zone 56

Date: 02 November 2017



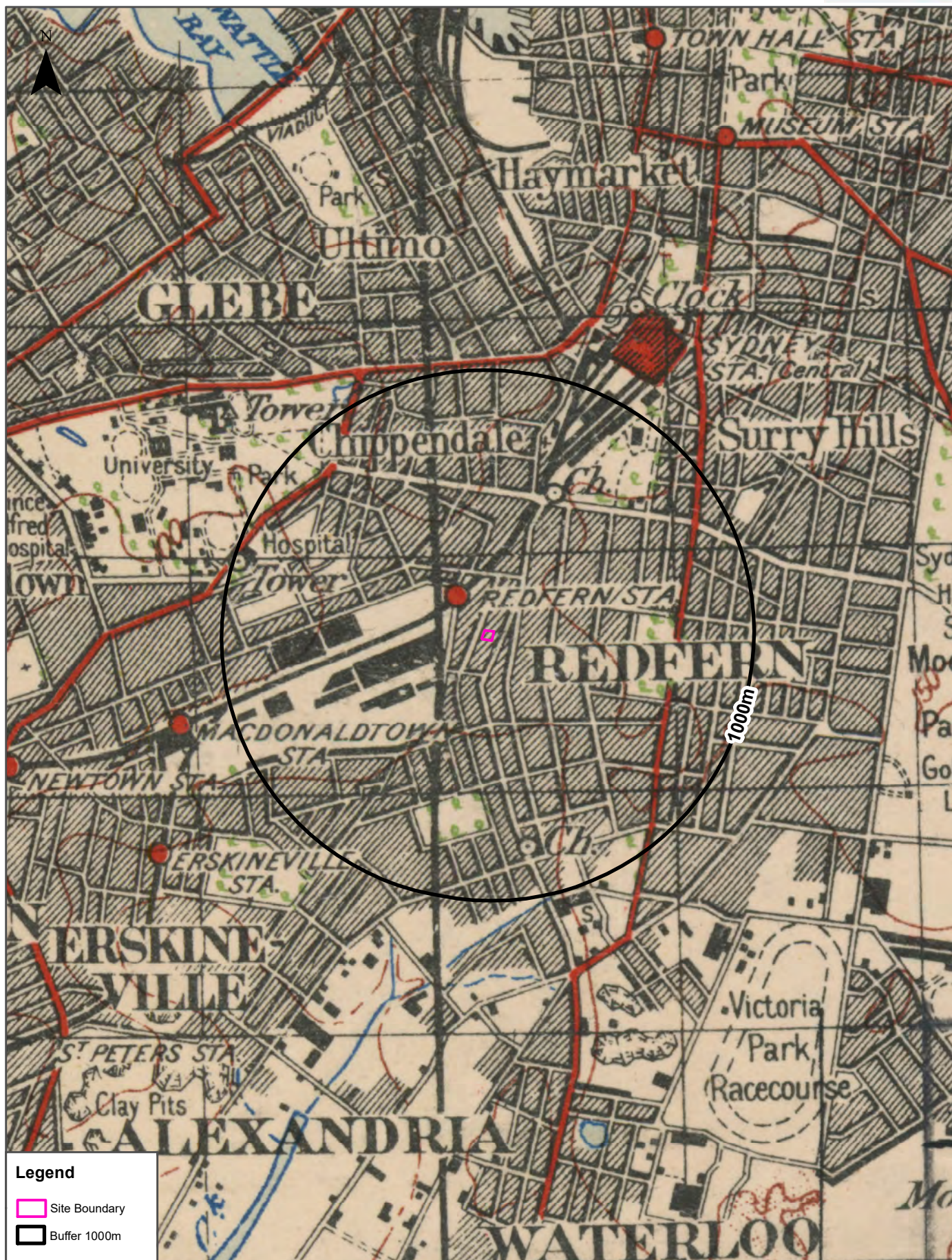
**13-23 Gibbons Street, Redfern, NSW 2016**





# Historical Map ca.1949

13-23 Gibbons Street, Redfern, NSW 2016

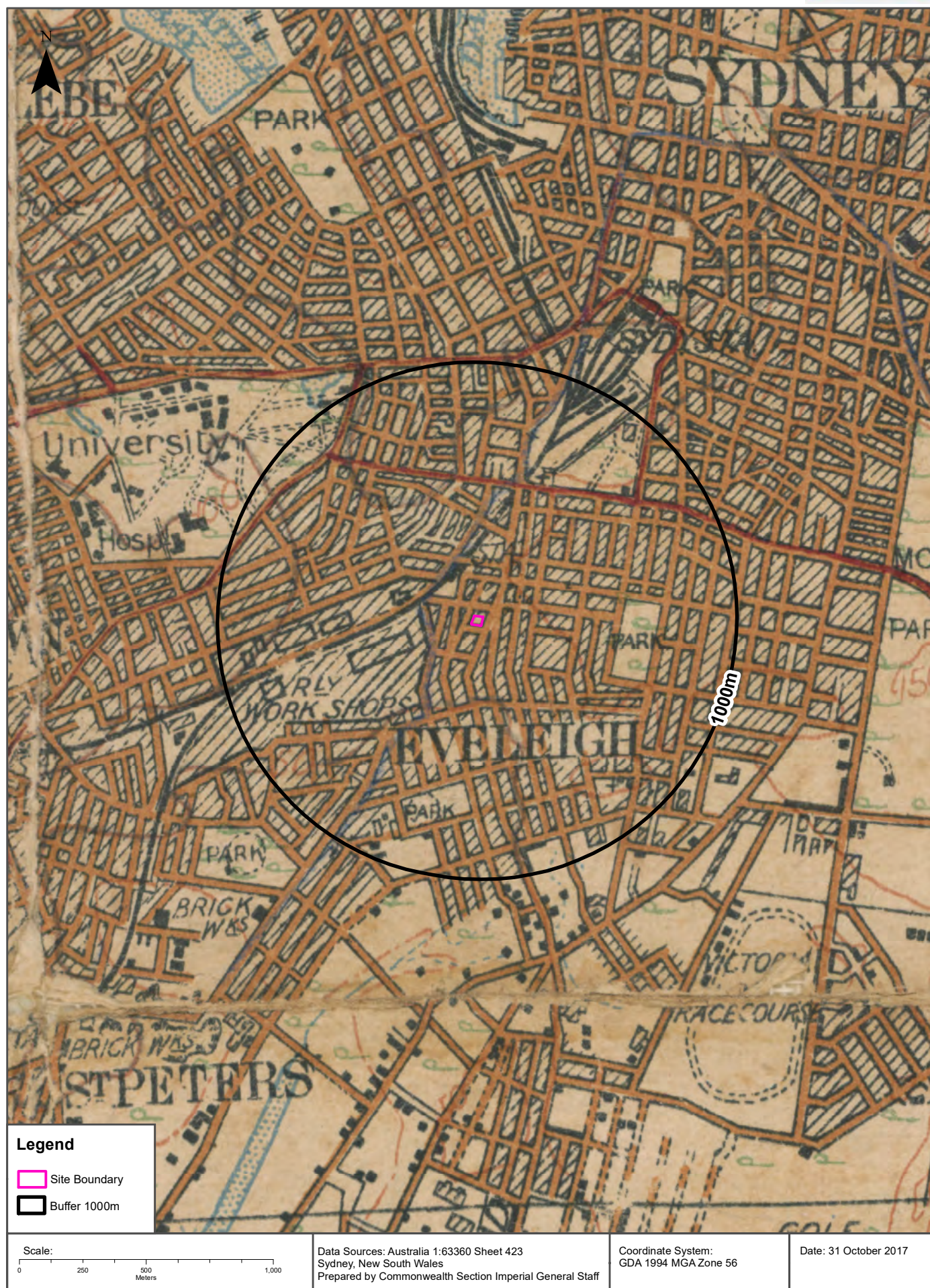


<b>Legend</b> <div style="display: flex; align-items: center;"> <div style="border: 2px solid pink; width: 20px; height: 10px; margin-right: 5px;"></div> <span>Site Boundary</span> </div> <div style="display: flex; align-items: center;"> <div style="border: 2px solid black; width: 20px; height: 10px; margin-right: 5px;"></div> <span>Buffer 1000m</span> </div>	Scale: <div style="display: flex; align-items: center;"> <div style="width: 100px; border-bottom: 1px solid black; position: relative;"> <span style="position: absolute; left: 0; bottom: 0;">0</span> <span style="position: absolute; right: 0; bottom: 0;">1,000</span> </div> <div style="margin: 0 10px;">250 500</div> <span>Meters</span> </div>	Data Sources: Australia 1:63360 Sheet 423 Sydney, New South Wales Prepared by Commonwealth Section Imperial General Staff	Coordinate System: GDA 1994 MGA Zone 56	Date: 31 October 2017
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## Historical Map ca.1917

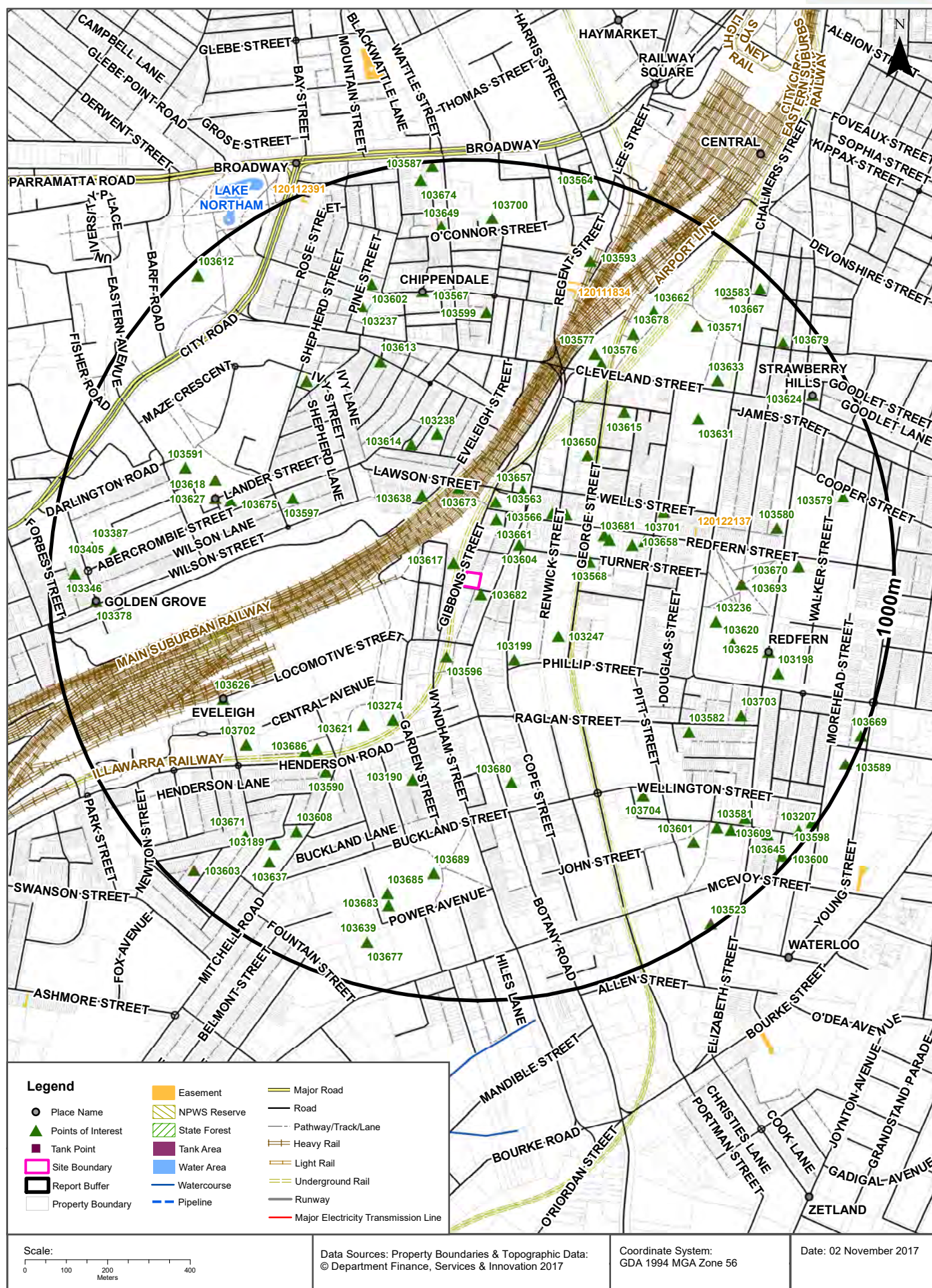
13-23 Gibbons Street, Redfern, NSW 2016





# Topographic Features

13-23 Gibbons Street, Redfern, NSW 2016



# Topographic Features

13-23 Gibbons Street, Redfern, NSW 2016

## Points of Interest

What Points of Interest exist within the dataset buffer?

Map Id	Feature Type	Label	Distance	Direction
103682	Place Of Worship	UNITING CHURCH	16m	South East
103617	Park	Park	39m	North West
103604	Park	JACK FLOYD RESERVE	115m	North East
103661	Club	CLUB REDFERN	137m	North
103596	Park	DANIEL DAWSON RESERVE	176m	South
103563	Police Station	REDFERN POLICE STATION	178m	North
103199	Community Facility	THE SALVATION ARMY COMMUNITY CENTRE	194m	South East
103673	Railway Station	REDFERN RAILWAY STATION	205m	North
103638	High School	KEY COLLEGE	216m	North West
103657	Transport Interchange	REDFERN BUS INTERCHANGE	223m	North East
103247	Special School	SEDA COLLEGE	226m	South East
103566	Post Office	REDFERN POST OFFICE	226m	North East
103235	Community Facility	REDFERN NEIGHBOURHOOD SERVICE CENTRE	250m	North East
103568	Fire Station	REDFERN FIRE STATION	262m	East
103644	Primary School	REDFERN JARJUM COLLEGE	312m	East
103681	Place Of Worship	CATHOLIC CHURCH	320m	East
103614	Park	YELLOWMUNDI PARK	337m	North West
103238	Community Facility	REDFERN COMMUNITY CENTRE	342m	North
103274	Ambulance Station	SYDNEY AMBULANCE CONTROL CENTRE	366m	South West
103658	Medical Centre	REDFERN COMMUNITY HEALTH CENTRE	372m	East
103659	Court House	REDFERN COURT HOUSE	372m	East
103650	Embassy	CONSULATE OF THE PEOPLE'S REPUBLIC OF CHINA	385m	North East
103701	Child Care Centre	REDFERN EARLY CHILDHOOD CENTRE	402m	East
103621	Sports Field	VICE CHANCELLORS OVAL	414m	South West
103597	Park	CHARLES KEENAN RESERVE	458m	North West
103202	Community Facility	REDFERN TOWN HALL	467m	East
103680	Place Of Worship	CONGREGATIONAL CHURCH	478m	South
103190	Community Facility	ALEXANDRIA TOWN HALL	485m	South
103615	Park	RECONCILIATION PARK	523m	North East
103686	Sports Court	TENNIS COURTS	530m	South West
103687	Sports Court	BASKETBALL COURT	552m	South West
103613	Park	VINE STREET PLAYGROUND	552m	North West



Map Id	Feature Type	Label	Distance	Direction
103590	Post Office	ALEXANDRIA POST OFFICE	559m	South West
103236	Community Facility	REDFERN OVAL COMMUNITY ROOM	579m	East
103576	Education Facility	ST ANDREWS GREEK ORTHODOX THEOLOGICAL COLLEGE	587m	North East
103675	TAFE College	EORA TAFE COLLEGE	596m	West
103577	Place Of Worship	ORTHODOX CHURCH	600m	North East
103212	Community Facility	THE HARRY BURLAND ACTIVITY CLUB	604m	North West
103582	Place Of Worship	UNITING CHURCH	618m	South East
103620	Sports Field	REDFERN OVAL	630m	East
103693	Park	REDFERN PARK	630m	East
103599	Park	Park	631m	North
103627	Suburb	DARLINGTON	633m	West
103626	Suburb	EVELEIGH	641m	South West
103704	Child Care Centre	LOIS BARKER LONG DAY CARE CENTRE	642m	South East
103631	Post Office	STRAWBERRY HILLS POST BUSINESS CENTRE	645m	North East
103618	Sports Court	TENNIS COURTS	648m	West
103702	Child Care Centre	ALEXANDRIA CHILD CARE CENTRE	651m	South West
103678	Club	JENSEN'S TENNIS CENTRE	688m	North East
103567	Suburb	CHIPPENDALE	688m	North
103237	Community Facility	PINE STREET CREATIVE ARTS CENTRE	693m	North
103689	Park	ALEXANDRIA PARK	700m	South
103703	Child Care Centre	WATERLOO KINDERGARTEN	708m	South East
103608	Park	JACK SHUTTLEWORTHS RESERVE	719m	South West
103625	Suburb	REDFERN	720m	East
103580	Place Of Worship	CATHOLIC CHURCH	724m	East
103591	Sports Centre	UNIVERSITY OF SYDNEY SPORTS AQUATIC CENTRE	727m	West
103602	Park	PEACE PARK	735m	North
103633	High School	CLEVELAND STREET INTENSIVE ENGLISH HIGH SCHOOL	740m	North East
103198	Community Facility	SOUTH SYDNEY PCYC	755m	East
103662	Sports Court	TENNIS COURTS	761m	North East
103670	Community Home	ANNIE GREEN COURT	768m	East
103685	Sports Court	TENNIS COURTS	768m	South
103189	Community Facility	ALEXANDRIA ACTIVITY CENTRE	775m	South West
103571	Park	PRINCE ALFRED PARK	795m	North East
103683	Sports Court	BASKETBALL COURT	796m	South
103671	Retirement Village	THE ALEXANDER	803m	South West
103593	Historic Site	MORTUARY STATION	804m	North
103601	Park	MOUNT CARMEL RESERVE	807m	South East
103637	High School	ALEXANDRIA PARK COMMUNITY SCHOOL	817m	South West
103581	Place Of Worship	CATHOLIC CHURCH	819m	South East
103649	Embassy	CONSULATE OF BELGIUM	839m	North

Map Id	Feature Type	Label	Distance	Direction
103405	Preschool	DARLINGTON PUBLIC SCHOOL PRESCHOOL	846m	West
103655	Primary School	OUR LADY OF MOUNT CARMEL CATHOLIC PRIMARY SCHOOL	847m	South East
103609	Park	TOBRUK RESERVE	853m	South East
103700	Park	CHIPPENDALE GREEN	859m	North
103378	Locality	GOLDEN GROVE	887m	West
103579	Place Of Worship	ORTHODOX CHURCH	895m	East
103639	Primary School	ALEXANDRIA PARK COMMUNITY SCHOOL	895m	South
103677	Medical Centre	ALEXANDRIA PARK COMMUNITY CENTRE	895m	South
103387	Primary School	DARLINGTON PUBLIC SCHOOL	900m	West
103667	Swimming Pool	PRINCE ALFRED PARK POOL	905m	North East
103624	Locality	STRAWBERRY HILLS	911m	North East
103679	Place Of Worship	BAPTIST CHURCH	920m	North East
103645	Library	WATERLOO LIBRARY	921m	South East
103346	Place Of Worship	CATHOLIC CHURCH	938m	West
103603	Park	DIBBS STREET RESERVE	949m	South West
103674	Child Care Centre	UNIVERSITY OF TECHNOLOGY CITY CAMPUS-BLACKFRIARS	958m	North
103564	University	CURTIN UNIVERSITY SYDNEY	959m	North
103583	Place Of Worship	PRESBYTERIAN CHURCH	967m	North East
103612	Park	VICTORIA PARK	970m	North West
103207	Community Facility	GORDON IBBETT CENTRE	973m	South East
103600	Park	Park	981m	South East
103589	Place Of Worship	ASSEMBLIES OF GOD CHURCH	986m	South East
103587	Place Of Worship	CATHOLIC CHURCH	987m	North
103598	Park	JAMES HENRY DEACON	987m	South East
103523	Sports Field	WATERLOO OVAL	990m	South East
103669	Community Home	FREDERIC HOUSE	993m	East

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

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## Topographic Features

13-23 Gibbons Street, Redfern, NSW 2016

### 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
	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
	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
120122137	Primary	Undefined		524m	East
120111834	Primary	Undefined		704m	North
120106944	Primary	Undefined		738m	North
120112391	Primary	Undefined		976m	North West

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

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## Topographic Features

13-23 Gibbons Street, Redfern, NSW 2016

### 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: © Land and Property Information (2015)

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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: © Land and Property Information (2015)

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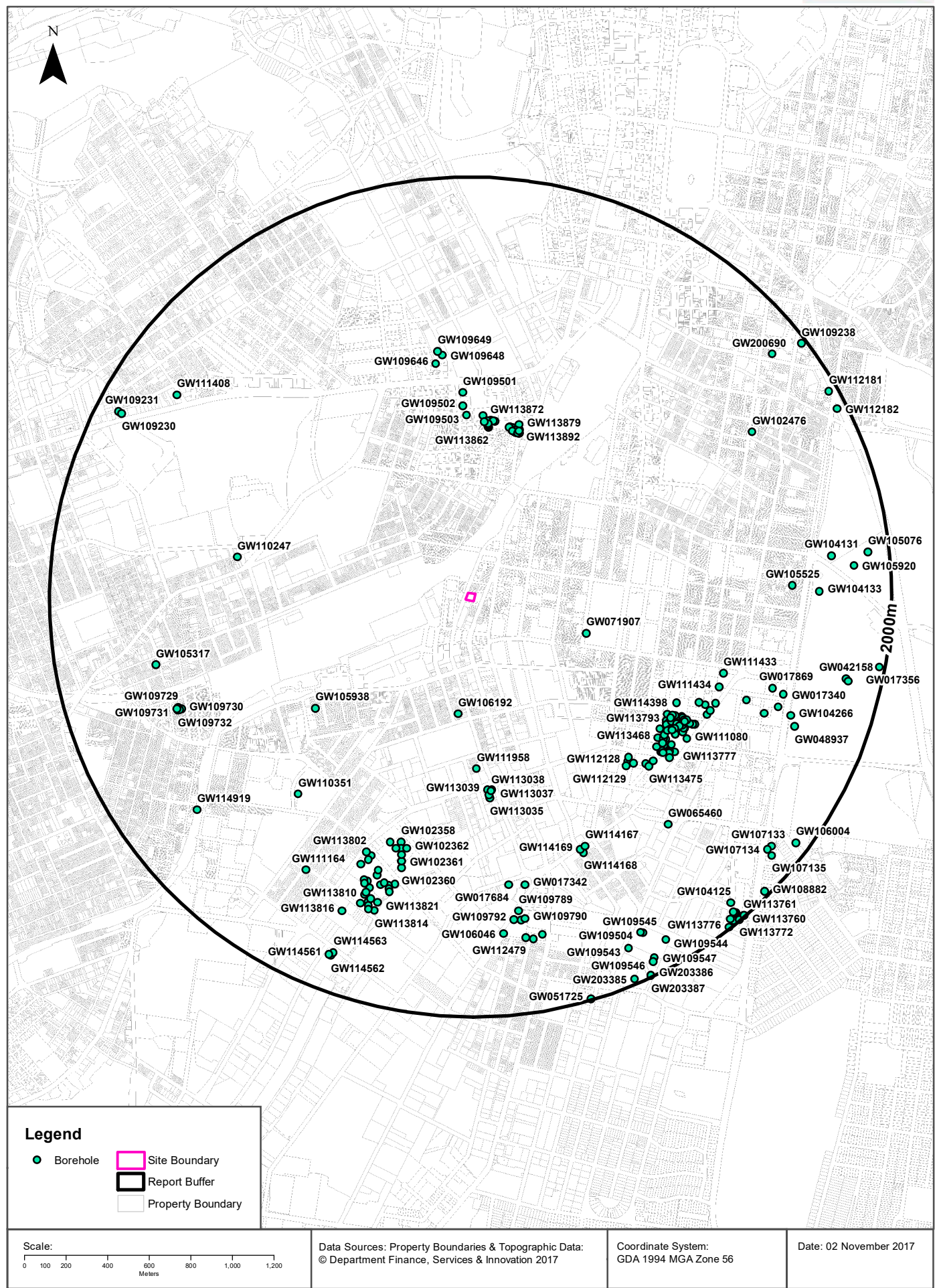


# Elevation Contours (m AHD)

13-23 Gibbons Street, Redfern, NSW 2016







# Hydrogeology & Groundwater

13-23 Gibbons Street, Redfern, NSW 2016

## Hydrogeology

Description of aquifers on-site:

Description
Porous, extensive highly productive aquifers

Description of aquifers within the dataset buffer:

Description
Porous, extensive highly productive aquifers

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

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## Groundwater Boreholes

Boreholes within the dataset buffer:

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth (m)	Drilled Depth (m)	Salinity (mg/L)	SWL (m)	Yield (L/s)	Elev (AHD)	Dist	Dir
GW106192	10BL164184, 10WA113750	Spear	Private	Domestic	B & B Drilling Inc	10/12/2004	6.00	6.00	Good	4.00	0.500		547m	South
GW071907	10BL152224, 10BL602472, 10BL602711, 10WA114785	Bore	Local Govt	Recreation	Intertec Drilling Services	15/05/2008	180.00	180.00	345	11.60	0.100	30.00	563m	East
GW113885	10BL165951	Bore	Private	Monitoring	TERRATEST	20/08/2004	7.00	7.00					796m	North
GW113882	10BL165951	Bore	Private	Monitoring	TERRATEST	20/08/2004	6.10	6.10					797m	North
GW113881	10BL165951	Bore	Private	Monitoring	TERRATEST	20/08/2004	6.10	6.10					798m	North
GW113890	10BL165951	Bore	Private	Monitoring	TERRATEST	09/10/2005	6.00	6.00					798m	North
GW113892	10BL165951	Bore	Private	Monitoring	TERRATEST	09/10/2005	7.00	7.00					799m	North
GW113883	10BL165951	Bore	Private	Monitoring	TERRATEST	20/08/2004	6.10	6.10					799m	North
GW113891	10BL165951	Bore	Private	Monitoring	TERRATEST	09/10/2005	6.80	6.80					799m	North
GW113862	10BL165951	Bore	Private	Monitoring	TERRATEST	28/07/2003	3.80	3.80					800m	North
GW113893	10BL165951	Bore	Private	Monitoring	TERRATEST	11/10/2005	8.50	8.50					800m	North
GW113886	10BL165951	Bore	Private	Monitoring	TERRATEST	01/10/2004	5.80	5.80					802m	North
GW113863	10BL165951	Bore	Private	Monitoring	TERRATEST	16/09/2003	4.60	4.60					804m	North
GW113859	10BL165951	Bore	Private	Monitoring	TERRATEST	15/09/2003	6.10	6.10					804m	North
GW111958	10BL605133	Spear	Private	Monitoring		27/04/2012	6.00	6.00		3.49			806m	South
GW113864	10BL165951	Bore	Private	Monitoring	TERRATEST	22/07/2003	4.50	4.50					808m	North
GW113856	10BL165951	Bore	Private	Monitoring	TERRATEST	23/07/2003	6.20	6.20					809m	North
GW113855	10BL165951	Bore	Private	Monitoring	TERRATEST	22/07/2003	5.00	5.00					809m	North
GW113884	10BL165951	Bore	Private	Monitoring	TERRATEST	20/08/2004	6.80	6.80					810m	North
GW109500	10BL601554	Well	Private	Monitoring	Terratest Pty Ltd	01/03/2007	4.80			2.30			810m	North

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth (m)	Drilled Depth (m)	Salinity (mg/L)	SWL (m)	Yield (L/s)	Elev (AHD)	Dist	Dir
GW113875	10BL165951	Bore	Private	Monitoring	TERRATEST	30/07/2003	7.50	7.50					810m	North
GW113865	10BL165951	Bore	Private	Monitoring	TERRATEST	21/07/2003	6.50	6.50					811m	North
GW113889	10BL165951	Bore	Private	Monitoring	TERRATEST	05/10/2004	6.70	6.70					812m	North
GW113874	10BL165951	Bore	Private	Monitoring	TERRATEST	19/09/2003	7.00	7.00					813m	North
GW113866	10BL165951	Bore	Private	Monitoring	TERRATEST	18/02/2014	3.00	3.00					814m	North
GW113887	10BL165951	Bore	Private	Monitoring	TERRATEST	05/10/2004	5.70	5.70					815m	North
GW113873	10BL165951	Bore	Private	Monitoring	TERRATEST	26/07/2003	6.00	6.00					815m	North
GW113857	10BL165951	Bore	Private	Monitoring	TERRATEST	23/07/2003	6.00	6.00					816m	North
GW113860	10BL165951	Bore	Private	Monitoring	TERRATEST	16/09/2003	6.50	6.50					816m	North
GW113858	10BL165951	Bore	Private	Monitoring	TERRATEST	19/09/2003	6.30	6.30					817m	North
GW113867	10BL165951	Bore	Private	Monitoring	TERRATEST	22/07/2003	3.50	3.50					817m	North
GW113888	10BL165951	Bore	Private	Monitoring	TERRATEST	05/10/2004	5.50	5.50					819m	North
GW113868	10BL165951	Bore	Private	Monitoring	TERRATEST	18/02/2014	3.70	3.70					821m	North
GW113869	10BL165951	Bore	Private	Monitoring	TERRATEST	29/07/2003	6.00	6.00					824m	North
GW113880	10BL165951	Bore	Private	Monitoring	TERRATEST	20/08/2004	5.00	5.00					825m	North
GW113870	10BL165951	Bore	Private	Monitoring	TERRATEST	07/11/2003	4.80	4.80					829m	North
GW113871	10BL165951	Bore	Private	Monitoring	TERRATEST	08/11/2003	6.00	6.00					832m	North
GW113872	10BL165951	Bore	Private	Monitoring	TERRATEST	16/09/2003	8.00	8.00					834m	North
GW113878	10BL165951	Bore	Private	Monitoring	TERRATEST	07/11/2003	7.00	7.00					834m	North
GW113876	10BL165951	Bore	Private	Monitoring	TERRATEST	25/07/2003	7.80	7.80					835m	North
GW113877	10BL165951	Bore	Private	Monitoring	TERRATEST	28/07/2003	5.50	5.50					835m	North
GW113879	10BL165951	Bore	Private	Monitoring	TERRATEST	25/07/2003	5.30	5.30					839m	North
GW109503	10BL601554	Well	Private	Monitoring	Terratest Pty Ltd	01/03/2007	5.20			2.24			852m	North
GW113861	10BL165951	Bore	Private	Monitoring	TERRATEST	30/07/2003	6.50	6.50					853m	North
GW105938	10BL162977, 10WA108677	Bore				20/05/2005							891m	South West
GW109502	10BL601554	Well	Private	Monitoring	Terratest Pty Ltd	01/03/2007	6.40			2.18			897m	North
GW113039	10BL602801	Bore	Private	Monitoring		17/10/2013	5.00	5.00					910m	South
GW113037	10BL602801	Bore	Private	Monitoring		17/11/2008	5.00	5.00					912m	South
GW113038	10BL602801	Bore	Private	Monitoring		17/02/2009	5.00	5.00					918m	South
GW113036	10BL602801	Bore	Private	Monitoring		17/11/2008	4.00	4.00					936m	South
GW113035	10BL602801	Bore	Private	Monitoring		17/11/2008	5.00	5.00					951m	South
GW109501	10BL601554	Well	Private	Monitoring	Terratest Pty Ltd	01/03/2007	6.00			2.30			963m	North
GW112127	10BL160293	Bore	Private	Monitoring		03/10/2001	4.50	4.50					1059 m	South East
GW112128	10BL160293	Bore	Private	Monitoring		03/10/2001	5.50	5.50					1071 m	South East
GW114398	10BL603579	Bore	Other Govt	Monitoring	Terratest	28/07/2009	4.20	4.20					1078 m	South East
GW112129	10BL160293	Bore	Private	Monitoring		03/10/2001	5.50	5.50					1079 m	South East
GW113467	10BL603970	Bore	Local Govt	Monitoring		18/01/2007	3.40	3.40					1087 m	South East
GW109744	10BL160787, 10BL605177	Well	Other Govt	Monitoring	HLA Enviroscienc es	02/08/2002	4.00	4.00					1091 m	South East



GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth (m)	Drilled Depth (m)	Salinity (mg/L)	SWL (m)	Yield (L/s)	Elev (AHD)	Dist	Dir
GW114399	10BL603579	Bore	Other Govt	Monitoring	Terratest	28/07/2009	4.20	4.20					1091 m	South East
GW111016	10BL603969	Bore	Private	Monitoring	HLA Enviroscienc es	30/01/2004	4.40	4.50					1091 m	South East
GW111959	10BL605226	Bore	Private	Monitoring		07/08/2012	6.00	6.00	1077	2.60			1094 m	South East
GW113793	10BL603971	Bore	Other Govt	Monitoring		04/05/2006	4.10	4.10					1097 m	South East
GW109751	10BL160787, 10BL605178	Well	Private	Monitoring	HLA Enviroscienc es	05/08/2002	3.50	3.50					1099 m	South East
GW113796	10BL603971	Bore	Other Govt	Monitoring		14/06/2006	11.05	11.05					1099 m	South East
GW113795	10BL603971	Bore	Other Govt	Monitoring		04/05/2006	3.90	3.90					1100 m	South East
GW114393	10BL603579	Bore	Other Govt	Monitoring	Terratest	28/07/2009	4.20	4.20					1101 m	South East
GW114396	10BL603579	Bore	Other Govt	Monitoring	Terratest	28/07/2009	5.20	5.20					1102 m	South East
GW113468	10BL603970	Bore	Local Govt	Monitoring		18/01/2007	3.50	3.50					1104 m	South East
GW114400	10BL603579	Bore	Other Govt	Monitoring	Terratest	27/07/2009	3.20	3.20					1105 m	South East
GW113792	10BL603971	Bore	Other Govt	Monitoring		04/05/2006	3.70	3.70					1110 m	South East
GW109646	10BL602486	Bore	Private	Monitoring	Environment Investigation Services	03/05/2008	8.20	8.20	1258	5.93	1.000		1111 m	North
GW113791	10BL603971	Bore	Other Govt	Monitoring		04/05/2006	4.00	4.00					1115 m	South East
GW110247	10BL603148, 10WA109284	Bore	Private	Domestic	Intertec Drilling Services	16/07/2009	210.00	210.00	4400	31.00	0.130		1115 m	West
GW109746	10BL160787, 10BL605177	Well	Other Govt	Monitoring	HLA Enviroscienc es	02/08/2002	4.20	4.20					1115 m	South East
GW114390	10BL603579	Bore	Other Govt	Monitoring	Terratest	28/07/2009	3.20	3.20					1115 m	South East
GW112715	10BL604402	Bore	Other Govt	Monitoring		29/11/2010	4.10	4.10					1120 m	South East
GW112714	10BL604402	Bore	Other Govt	Monitoring		29/11/2010	4.10	4.10					1120 m	South East
GW109745	10BL160787, 10BL605177	Well	Other Govt	Monitoring	HLA Enviroscienc es	02/08/2002	3.50	3.50					1125 m	South East
GW113258	10BL604454	Bore	Other Govt	Monitoring		29/11/2010	4.10	4.10					1125 m	South East
GW113469	10BL603970	Bore	Local Govt	Monitoring		19/01/2007	3.10	3.10					1125 m	South East
GW113794	10BL603971	Bore	Other Govt	Monitoring		08/06/2006	11.15	11.15					1127 m	South East
GW112713	10BL604402	Bore	Other Govt	Monitoring		29/11/2010	4.05	4.05					1127 m	South East
GW114391	10BL603579	Bore	Private	Monitoring	Terratest	28/07/2009	4.20	4.20					1128 m	South East
GW114397	10BL603579	Bore	Other Govt	Monitoring	Terratest	27/07/2009	3.20	3.20					1129 m	South East
GW109747	10BL160787, 10BL605178	Well	Other Govt	Monitoring	HLA Enviroscienc es	02/08/2002	3.80	3.80					1132 m	South East
GW113790	10BL603971	Bore	Other Govt	Monitoring		03/05/2006	5.85	5.85					1133 m	South East
GW113256	10BL604454	Bore	Other Govt	Monitoring		29/11/2010	4.05	4.05					1136 m	South East
GW113257	10BL604454	Bore	Other Govt	Monitoring		29/11/2010	4.10	4.10					1138 m	South East
GW111960	10BL605226	Bore	Private	Monitoring		07/08/2012	6.00	6.60	1124	3.52			1138 m	South East
GW114403	10BL603579	Bore	Other Govt	Monitoring	Terratest	05/08/2009	2.20	2.20					1139 m	South East
GW109749	10BL160787, 10BL605177	Well	Other Govt	Monitoring	HLA Enviroscienc es	05/08/2002	4.50	4.50					1140 m	South East

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth (m)	Drilled Depth (m)	Salinity (mg/L)	SWL (m)	Yield (L/s)	Elev (AHD)	Dist	Dir
GW114394	10BL603579	Bore	Other Govt	Monitoring	Terratest	28/07/2009	4.20	4.20					1140 m	South East
GW114386	10BL603579	Bore	Other Govt	Monitoring	Terratest	27/07/2009	5.20	5.20					1144 m	South East
GW109750	10BL160787, 10BL605177	Well	Other Govt	Monitoring	HLA Enviroscienc es	05/08/2002	3.50	3.50					1146 m	South East
GW109648	10BL602485	Bore	Private	Monitoring	Environment Investigation Services	03/05/2008	6.20	6.20	1302	5.23	0.500		1147 m	North
GW112712	10BL604402	Bore	Other Govt	Monitoring		29/11/2010	4.00	4.00					1149 m	South East
GW114388	10BL603579	Bore	Other Govt	Monitoring	Terratest	28/07/2009	5.20	5.20					1149 m	South East
GW109748	10BL160787, 10BL605178	Well	Other Govt	Monitoring	HLA Enviroscienc es	02/08/2002	3.80	3.80					1150 m	South East
GW113255	10BL604454	Bore	Other Govt	Monitoring		29/11/2010	4.00	4.00					1153 m	South East
GW114395	10BL603579	Bore	Other Govt	Monitoring	Terratest	27/07/2009	3.20	3.20					1156 m	South East
GW113254	10BL604454	Bore	Other Govt	Monitoring		29/11/2010	3.60	3.60					1156 m	South East
GW113474	10BL603970	Bore	Local Govt	Monitoring		07/07/2009	6.00	6.00					1156 m	South East
GW113475	10BL603970	Bore	Local Govt	Monitoring		07/07/2009	6.00	6.00					1157 m	South East
GW112711	10BL604402	Bore	Other Govt	Monitoring		30/11/2010	3.60	3.60					1157 m	South East
GW114387	10BL603579	Bore	Other Govt	Monitoring	Terratest	27/07/2009	3.20	3.20					1162 m	South East
GW109752	10BL160787, 10BL605177	Well	Other Govt	Monitoring	HLA Enviroscienc es	05/08/2002	3.40	3.40					1163 m	South East
GW113788	10BL603971	Bore	Other Govt	Monitoring		10/02/2014	11.00	11.00					1163 m	South East
GW113785	10BL603971	Bore	Other Govt	Monitoring		22/11/2000	4.00	4.00					1163 m	South East
GW113780	10BL603971	Bore	Other Govt	Monitoring		16/11/2000	8.00	8.00					1163 m	South East
GW113782	10BL603971	Bore	Other Govt	Monitoring		17/11/2000	8.00	8.00					1163 m	South East
GW114402	10BL603579	Bore	Other Govt	Monitoring	Terratest	05/08/2009	2.20	2.20					1164 m	South East
GW113797	10BL603971	Bore	Other Govt	Monitoring		05/05/2006	4.13	4.13					1167 m	South East
GW114392	10BL603579	Bore	Other Govt	Monitoring	Terratest	27/07/2009	2.40	2.40					1167 m	South East
GW109649	10BL602485	Bore	Private	Monitoring	Environment Investigation Services	03/05/2008	7.20	7.20	869	2.95	1.000		1168 m	North
GW113783	10BL603971	Bore	Other Govt	Monitoring		22/11/2000	4.60	4.60					1168 m	South East
GW114389	10BL603579	Bore	Other Govt	Monitoring	Terratest	27/07/2009	3.20	3.20					1168 m	South East
GW111407	10BL604132	Bore	Private	Monitoring		15/10/2010	4.80	4.80					1169 m	South East
GW111405	10BL603966	Bore	Private	Monitoring		16/07/2010	4.80	4.80					1174 m	South East
GW113786	10BL603971	Bore	Other Govt	Monitoring		02/05/2006	3.00	3.00					1175 m	South East
GW113784	10BL603971	Bore	Other Govt	Monitoring		22/11/2000	7.00	7.00					1176 m	South East
GW113798	10BL603971	Bore	Other Govt	Monitoring		10/02/2014	4.80	4.80					1179 m	South East
GW113787	10BL603971	Bore	Other Govt	Monitoring		02/05/2006	4.80	4.80					1179 m	South East
GW111406	10BL604132	Bore	Private	Monitoring		16/07/2010	4.80	4.80					1181 m	South East
GW113789	10BL603971	Bore	Other Govt	Monitoring		03/05/2006	10.95	10.95					1184 m	South East
GW113779	10BL603971	Bore	Other Govt	Monitoring		13/11/2000	9.00	9.00					1186 m	South East

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth (m)	Drilled Depth (m)	Salinity (mg/L)	SWL (m)	Yield (L/s)	Elev (AHD)	Dist	Dir
GW114401	10BL603579	Bore	Other Govt	Monitoring	Terratest	05/08/2009	2.20	2.20					1186 m	South East
GW111014	10BL603968	Bore	Private	Monitoring	HLA Enviroscienc es	18/12/2003	6.50	6.50					1188 m	South East
GW113778	10BL603971	Bore	Other Govt	Monitoring		13/11/2000	5.00	5.00					1190 m	South East
GW111082	10BL603966	Bore	Private	Monitoring	HLA Enviroscienc es	02/09/2006	4.00	4.00					1195 m	South East
GW113473	10BL603970	Bore	Local Govt	Monitoring		07/07/2000	3.00	3.00					1205 m	South East
GW102358	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	6.00			1.63			1206 m	South
GW111081	10BL603966	Bore	Private	Monitoring	HLA Enviroscienc es	02/09/2006	4.00	4.00					1207 m	South East
GW113777	10BL603971	Bore	Other Govt	Monitoring		13/11/2000	6.00	6.00					1209 m	South East
GW111080	10BL603966	Bore	Private	Monitoring	HLA Enviroscienc es	02/09/2006	5.00	5.00					1216 m	South East
GW111015	10BL603968	Bore	Private	Monitoring	HLA Enviroscienc es	18/02/2003	7.00	7.00					1220 m	South East
GW113781	10BL603971	Bore	Other Govt	Monitoring		17/11/2000	4.50	4.50					1221 m	South East
GW102357	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	6.00			2.69			1221 m	South
GW102362	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	3.00			1.75			1229 m	South
GW110351	10BL602742, 10WA114781	Bore	Local Govt	Recreation	Intertec Drilling Services	01/01/1975	60.00			25.00	1.000		1233 m	South West
GW102363	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	3.00			1.82			1235 m	South
GW102364	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	3.00			1.82			1235 m	South
GW102356	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	6.00			3.32			1242 m	South
GW113472	10BL603970	Bore	Local Govt	Monitoring		11/02/2008	6.20	6.20					1250 m	South East
GW111434	10BL604568	Bore	Private	Monitoring	SOIL CHECK	24/01/2011	8.00	8.00					1251 m	East
GW111433	10BL604568	Bore	Private	Monitoring		24/01/2011	6.30	7.00					1251 m	East
GW113471	10BL603970	Bore	Local Govt	Monitoring		11/02/2008	4.50	4.50					1252 m	South East
GW113470	10BL603970	Bore	Local Govt	Monitoring		11/02/2008	5.70	5.70					1264 m	South East
GW102365	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	6.00			3.65			1265 m	South
GW102359	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	6.00			0.83			1295 m	South
GW114167	10BL604100	Bore	Private	Monitoring	TERRATEST	26/08/2010	5.50	5.50					1295 m	South East
GW102361	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	6.00			0.79			1295 m	South
GW114169	10BL604100	Bore	Private	Monitoring	TERRATEST	11/03/2014	9.80	9.80					1300 m	South East
GW113802	10BL603258	Bore	Private	Monitoring		22/01/2010	6.10	6.10					1302 m	South
GW113803	10BL603258	Bore	Private	Monitoring		22/01/2010	5.80						1311 m	South
GW114168	10BL604100	Bore	Private	Monitoring	TERRATEST	26/08/2010	8.70	8.70					1320 m	South East

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth (m)	Drilled Depth (m)	Salinity (mg/L)	SWL (m)	Yield (L/s)	Elev (AHD)	Dist	Dir
GW102360	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	6.00			1.17			1325 m	South
GW113804	10BL603258	Bore	Private	Monitoring		22/01/2010	6.00	6.00					1334 m	South
GW113815	10BL603258	Bore	Private	Monitoring		22/01/2010	6.10	6.10					1368 m	South
GW113824	10BL603258	Bore	Private	Monitoring		22/01/2010	3.05	3.05					1368 m	South
GW017684	10BL008347	Bore	Private	Industrial		01/09/1947	14.90	14.90					1376 m	South
GW017342	10BL008345	(Unknown)	Private	Industrial		01/12/1946	15.50	15.50					1386 m	South
GW113823	10BL603258	Bore	Private	Monitoring		22/01/2010	3.20	3.20					1391 m	South
GW037956		Bore	Private	Industrial		01/04/1972	0.00	21.10					1396 m	East
GW113807	10BL603258	Bore	Private	Monitoring		22/01/2010	4.20	4.20					1408 m	South
GW113800	10BL603258	Bore	Private	Monitoring		22/01/2010	4.60	4.60					1416 m	South
GW113799	10BL603258	Bore	Private	Monitoring		22/01/2010	4.10	4.10					1422 m	South
GW065460		Bore	Private	Industrial		09/01/1992	12.00		Good				1425 m	South East
GW113801	10BL603258	Bore	Private	Monitoring		22/01/2010	4.50	4.50					1431 m	South
GW113811	10BL603258	Bore	Private	Monitoring		22/01/2010	5.40	5.40					1432 m	South
GW113813	10BL603258	Bore	Private	Monitoring		22/01/2010	6.10	6.10					1432 m	South
GW113808	10BL603258	Bore	Private	Monitoring		22/01/2010	4.20	4.20					1437 m	South
GW113812	10BL603258	Bore	Private	Monitoring		22/01/2010	6.10	6.10					1447 m	South
GW113809	10BL603258	Bore	Private	Monitoring		22/01/2010	4.50	4.50					1451 m	South
GW113822	10BL603258	Bore	Private	Monitoring		22/01/2010	1.86	1.86					1459 m	South
GW109730	10BL162346	Bore	Private	Monitoring	Terratest Pty Ltd	28/08/2003	6.50	6.50	1000	1.00			1463 m	West
GW109733	10BL162346	Bore	Private	Monitoring		05/09/2003	2.40	2.40	1000	1.40			1470 m	West
GW109729	10BL162346	Bore	Private	Monitoring	Terratest Pty Ltd	02/09/2003	6.00	6.00	1000	1.40			1474 m	West
GW109732	10BL162346	Bore	Private	Monitoring	Terratest Pty Ltd	02/09/2003	4.30	4.30	1000	1.50			1481 m	West
GW109731	10BL162346	Bore	Private	Monitoring	Terratest Pty Ltd	28/08/2003	6.00	6.00	1000	1.10			1484 m	West
GW113818	10BL603258	Bore	Private	Monitoring		22/01/2010	4.40	4.40					1486 m	South
GW017869	10BL008298	Bore	Private	Industrial		01/01/1955	17.90	18.00	Good				1497 m	East
GW108245	10BL159905, 10BL165753, 10BL602271, 10WA114749	Bore		Recreation	Intertec Drilling Services	21/09/2006	20.80	20.80	198	5.80	1.500		1498 m	East
GW113810	10BL603258	Bore	Private	Monitoring		22/01/2010	4.60	4.60					1500 m	South
GW109789	10BL163543	Well	Private	Monitoring	Macquarie Drilling	21/03/2004	5.00	5.00					1506 m	South
GW113805	10BL603258	Bore	Private	Monitoring		22/01/2010	4.60	4.60					1507 m	South
GW111164	10BL600213, 10WA114125	Spear	Private	Domestic		22/10/2010	8.00	8.00					1509 m	South West
GW113821	10BL603258	Bore	Private	Monitoring		22/01/2010	4.60	4.60					1516 m	South
GW105317	10BL161846	Bore		Monitoring		21/03/2003	6.50	6.50		1.70			1521 m	West
GW105525	10BL159952, 10WA113298	Bore		Domestic		18/11/2003	5.49	5.49		2.75	1.000		1525 m	East
GW113806	10BL603258	Bore	Private	Monitoring		22/01/2010	4.10	4.10					1528 m	South



GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth (m)	Drilled Depth (m)	Salinity (mg/L)	SWL (m)	Yield (L/s)	Elev (AHD)	Dist	Dir
GW102476	10BL157882	Bore		Monitoring		01/01/1999	4.00						1541 m	North East
GW113820	10BL603258	Bore	Private	Monitoring		22/01/2010	5.00	5.00					1541 m	South
GW109792	10BL163543	Well	Private	Monitoring	Macquarie Drilling	17/04/2004	4.20	4.20					1543 m	South
GW113819	10BL603258	Bore	Private	Monitoring		22/01/2010	3.25	3.25					1544 m	South
GW109790	10BL163543	Well	Private	Monitoring	Macquarie Drilling	27/03/2004	4.00	4.00					1547 m	South
GW017870	10BL008297	Bore	Private	Industrial		01/03/1955	17.90	18.00					1551 m	East
GW109791	10BL163543	Well	Private	Monitoring	Macquarie Drilling	17/04/2004	4.10	4.10					1551 m	South
GW017340	10BL008296	Bore	Private	Industrial		01/06/1958	18.50	18.60	Good				1556 m	East
GW113814	10BL603258	Bore	Private	Monitoring		22/01/2010	3.80	3.80					1557 m	South
GW113817	10BL603258	Bore	Private	Monitoring		22/01/2010	3.70	3.70					1559 m	South
GW106046	10BL162628, 10WA113460	Bore				07/06/2005							1605 m	South
GW113816	10BL603258	Bore	Private	Monitoring		22/01/2010	5.75	5.75					1610 m	South
GW104266	10BL160594	Bore	Private	Monitoring	Intertec Drilling Services	11/04/2002	22.80	35.60	134	5.85	9.000		1622 m	East
GW112478	10BL604489	Bore	Private	Monitoring	Terratest	15/02/2011	4.50	4.50	369	3.70			1638 m	South
GW112479	10BL604489	Bore	Private	Monitoring	Terratest	15/02/2011	7.00	7.00	613	5.10			1638 m	South
GW114919	10BL605064	Bore	Other Govt	Monitoring bore		06/07/2015	3.00	3.00					1640 m	South West
GW112480	10BL604489	Bore	Private	Monitoring	Terratest	15/02/2011	7.00	7.00	584	5.50			1650 m	South
GW104133	10BL159785, 10BL159928, 10WA114701	Bore		Recreation	Southern Tablelands Drilling	28/07/2000	20.50		Fresh				1655 m	East
GW048937	10BL104270	Bore	Private	Recreation		01/06/1974	24.40	24.40					1657 m	East
GW111408	10BL604530	Bore	Private	Monitoring	Terratest Pty Ltd	05/02/2011	4.40	4.40		2.07			1691 m	North West
GW104131	10BL159784, 10BL159927, 10WA114699	Bore		Recreation	Southern Tablelands Drilling	03/08/2000	20.00						1723 m	East
GW109504	10BL601773	Bore	Local Govt	Monitoring	Nealings Drilling	05/06/2007	7.48			3.08			1784 m	South East
GW109545	10BL601773	Bore	Local Govt	Monitoring	Nealings Drilling	06/11/2008	13.90			3.20			1791 m	South East
GW114563	10BL605489	Bore	Other Govt	Monitoring bore	EPOCA ENVIRONME NTAL	06/12/2013	4.00	3.90	591				1812 m	South
GW105920	10BL161710, 10BL600596, 10BL603529, 10WA114587	Bore		Domestic		13/05/2005				6.00			1826 m	East
GW114561	10BL605489	Bore	Other Govt	Monitoring bore	EPOCA ENVIRONME NTAL	06/12/2013	4.00	4.00	529	2.92			1826 m	South
GW114562	10BL605489	Bore	Other Govt	Monitoring bore	EPOCA ENVIRONME NTAL	06/12/2013	4.00	2.70	448	2.51			1828 m	South
GW109543	10BL601773	Bore	Local Govt	Monitoring	Nealings Drilling	04/06/2007	11.30			3.15			1828 m	South East
GW042158		Bore	NSW Office of Water	Monitoring			21.15					43.71	1829 m	East
GW200690	20BL171676	Spear	Private	Domestic		20/12/2007	6.00						1834 m	North East
GW100546	10BL157958	Bore	Private	Test Bore	B & B Drilling Inc	09/03/1997	14.50	14.50	Good	6.40	9.500		1842 m	East
GW107134	10BL164592, 10WA113817	Spear	Private	Domestic		14/04/2005	7.00	7.00					1850 m	South East

GW No.	Licence No	Work Type	Owner Type	Purpose	Contractor	Complete Date	Final Depth (m)	Drilled Depth (m)	Salinity (mg/L)	SWL (m)	Yield (L/s)	Elev (AHD)	Dist	Dir
GW107133	10BL164593, 10WA113818	Spear	Private	Domestic		14/04/2005	7.00	7.00					1855 m	South East
GW109544	10BL601773	Bore	Local Govt	Monitoring	Nealings Drilling	04/06/2007	14.00			1.68			1872 m	South East
GW109230	10BL602551	Bore	Private	Monitoring		18/08/2008	1.80						1873 m	North West
GW107135	10BL164591, 10WA113816	Spear	Private	Domestic		14/04/2005	7.00	7.00					1885 m	South East
GW109231	10BL602551	Bore	Private	Monitoring		18/08/2008	3.20						1890 m	North West
GW105076	10BL161711, 10BL162107, 10BL163813, 10BL603530, 10WA114588	Bore		Domestic		30/04/2003	10.00	10.00		6.00	1.000		1898 m	East
GW104125	10BL159848, 10BL159859, 10WA114703	Bore	Private	Recreation	Southern Tablelands Drilling	01/08/2000	15.70	22.00	Fresh	0.50	9.800		1907 m	South East
GW109547	10BL601773	Bore	Local Govt	Monitoring	Nealings Drilling	06/06/2007	13.60			2.43			1923 m	South East
GW109546	10BL601773	Bore	Local Govt	Monitoring	Nealings Drilling	06/06/2007	8.14			2.32			1936 m	South East
GW106004	10BL162812, 10WA113489	Bore	Private	Domestic	Intertec Drilling Services	25/03/2004	19.50	23.20	305	4.10	2.000		1937 m	South East
GW113757	10BL601746	Bore	Private	Monitoring		06/11/2006	5.00	5.00					1947 m	South East
GW113758	10BL601746	Bore	Private	Monitoring		06/02/2014	4.50	4.50					1954 m	South East
GW112182	10BL158267	Bore	Private	Monitoring		01/03/1999	30.00	30.00					1954 m	North East
GW112181	10BL158267	Bore	Private	Monitoring		01/03/1999	30.00	30.00					1959 m	North East
GW113759	10BL601746	Bore	Private	Monitoring		06/11/2006	4.30	4.30					1960 m	South East
GW113775	10BL601746	Bore	Private	Monitoring		08/11/2006	5.00	5.00					1965 m	South East
GW017356	10BL008397	Bore	Local Govt	Recreation		01/01/1942	30.40	30.50	Good				1974 m	East
GW203385		Bore	Private	Monitoring bore		23/04/2015	6.20	6.20		2.20			1976 m	South East
GW108882	10BL163403, 10WA113575	Bore	Private	Domestic		30/05/2008	6.00						1977 m	South East
GW109238	10BL602378	Battery Spears, Filter Pac	Private	Monitoring	Invirodrill	19/08/2008	7.50	7.50	Fresh	4.59			1977 m	North East
GW113773	10BL601746	Bore	Private	Monitoring		07/11/2006	5.00	5.00					1980 m	South East
GW203387		Bore	Private	Monitoring bore	AD Envirotech	23/04/2015	7.00	7.00		2.50			1990 m	South East
GW203386		Bore	Private	Monitoring bore		23/04/2015	2.80	2.80		2.30			1990 m	South East
GW113776	10BL601746	Bore	Private	Monitoring		08/11/2006	4.30	4.30					1992 m	South East
GW113761	10BL601746	Bore	Private	Monitoring		06/11/2006	4.50	4.50					1992 m	South East
GW113760	10BL601746	Bore	Private	Monitoring		06/02/2014	5.00	5.00					1993 m	South East
GW113772	10BL601746	Bore	Private	Monitoring		08/11/2006	4.30	4.30					1994 m	South East
GW051725		Bore	Private	Monitoring		01/02/1980	8.00	8.00	0-500 ppm				1995 m	South

Borehole Data Source : NSW Department of Primary Industries - Office of Water / Water Administration Ministerial Corporation for all bores prefixed with GW. All other bores © Commonwealth of Australia (Bureau of Meteorology) 2015. Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

# Hydrogeology & Groundwater

13-23 Gibbons Street, Redfern, NSW 2016

## Driller's Logs

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

Groundwater No	Drillers Log	Distance	Direction
GW106192	0.00m-0.30m topsoil 0.30m-2.20m sand, yellow 2.20m-2.30m rock, coffee 2.30m-4.50m sand, brown 4.50m-6.00m sand, grey	547m	South
GW071907	0.00m-3.00m SANDY CLAY 3.00m-8.50m CLAY 8.50m-24.00m SHALE 24.00m-24.50m SANDSTONE GREY 24.50m-24.70m SANDSTONE GREY FRACTURED 24.70m-44.00m SANDSTONE GREY 44.00m-55.00m SANDSTONE QUARTZ 55.00m-55.50m SANDSTONE GREY FRACTURED 55.50m-82.00m SANDSTONE GREY 82.00m-85.00m SANDSTONE QUARTZ 85.00m-128.00m SANDSTONE GREY 128.00m-130.00m SANDSTONE QUARTZ 130.00m-138.00m SANDSTONE GREY 138.00m-154.00m SANDSTONE QUARTZ 154.00m-180.00m SANDSTONE GREY	563m	East
GW111958	0.00m-0.32m CONCRETE 0.32m-1.40m FILL, LOOSE, DARK GREY/BLACK CLAYEY SAND AND SANDSTONE 1.40m-6.00m SAND, LOOSE WHITE FINE GRAINED	806m	South
GW109744	0.00m-0.60m SANDY GRAVEL, FILL, BLACK, RED, BROWN, LOOSE, MOIST/BRICK/SANDSTONE 0.60m-0.80m SILTY SAND, BLACK, LOOSE, MOIST 0.80m-2.00m SAND, GREY/BROWN, LOOSE, MOIST TO SATURATED, WELL ROUNDED 2.00m-3.60m SILTY SAND, ORANGE, BROWN TO BLACK, SATURATED, WITH PEAT 3.60m-4.00m SANDY CLAY, LIGHT GREY, MOIST, HIGH PLASTICITY	1091m	South East
GW111016	0.00m-0.20m CONCRETE 180 mm 0.20m-1.00m SAND, GRAVELLY CLAYEY, FILL, SANDSTONE 1.00m-3.40m SAND, SILTY, MEDIUM, DENSE, MOIST 3.40m-3.50m SAND, DENSE, SATURATED, YELLOW, MINOR CLAY 3.50m-4.40m SAND, CLAYEY, LOOSE TO MED. DENSE 4.40m-4.50m CLAY, GRAVELLY SILTY, FIRM, VERY MOIST	1091m	South East
GW111959	0.00m-1.20m FILL, DENSE FINE GRAINED/BROWN 1.20m-2.20m CLAY SILTY, DENSE, RED/BROWN 2.20m-3.00m CLAY SILTY SANDY, DENSE, DARK BROWN 3.00m-3.50m SAND SILTY, DENSE FINE GRAINED 3.50m-5.60m SAND, DENSE, FINE GRAINED L/BROWN 5.60m-6.00m CLAY, DENSE, FINE GRAINED RED/YELLOW	1094m	South East
GW109751	0.00m-0.10m CONCRETE 120mm 0.10m-0.90m SANDY GRAVEL, FILL, BROWN, LOOSE, SLIGHTLY MOIST 0.90m-1.50m SAND, GREY TO BROWN, LOOSE TO DENSE, MOIST TO VERY MOIST 1.50m-1.90m HUMIC CEMENTED SAND (COFFEE ROCK) 1.90m-3.20m SAND, RED, BROWN TO BROWN, LOOSE TO DENSE, V/MOIST TO SATURATED 3.20m-3.50m CLAY, YELLOW BROWN, VERY STIFF, MOIST, M/TO HIGH PLASTICITY/SAND	1099m	South East
GW109646	0.00m-0.80m FILL, LT GREY, SAND, CONCRETE, BRICK, METAL FRAG. 0.80m-2.80m SILTY CLAY, BROWN, GREY, MED PLASTICITY 2.80m-5.00m CLAYEY SAND, GREY/DARK GREY 5.00m-8.00m SILTY SAND, LT GREY/RED 8.00m-8.20m SANDSTONE, RED, BROWN, WEATHERED, CLAY BANDS	1111m	North
GW109746	0.00m-1.00m GRAVELY SAND, FILL, BROWN/RED, LOOSE, MOIST, CONCRETE, SANDSTONE 1.00m-2.40m SAND, GREY TO ORANGE, BROWN, LOOSE, MOIST TO SATURATED 2.40m-2.80m SILTY SAND, BLACK, LOOSE, SATURATED 2.80m-3.80m SAND, BROWN, LOOSE, SATURATED, WELL ROUNDED, WELL GRADED 3.80m-4.20m CLAY, GREY, VERY STIFF, SLIGHTLY MOIST TO MOIST, LOW PLASTICITY.	1115m	South East

Groundwater No	Drillers Log	Distance	Direction
GW110247	0.00m-2.00m CLAY BROWN 2.00m-4.50m CLAY GREY 4.50m-22.00m SHALE GREY 22.00m-23.00m SHALE SOFT 23.00m-33.00m SHALE HARD 33.00m-74.00m SANDSTONE GREY 74.00m-76.00m SANDSTONE AND QUARTZ FINE 76.00m-134.00m SANDSTONE GREY 134.00m-135.50m SANDSTONE QUARTZ FINE 135.50m-153.50m SANDSTONE GREY 153.50m-154.00m SANDSTONE QUARTZ FINE 154.00m-168.00m SANDSTONE GREY 168.00m-170.00m SANDSTONE SHALE BEDDING 170.00m-188.00m SANDSTONE GREY 188.00m-188.50m SANDSTONE QUARTZ 188.50m-210.00m SANDSTONE GREY	1115m	West
GW109745	0.00m-1.20m SANDY GRAVEL,BLACK,WHITE,ORANGE,LOOSE,MOIST WITH ASH,CONCRETE,BRICK AND SANDSTONE 1.20m-2.80m SAND,GREY TO ORANGE,BROWN,LOOSE TO DENSE,MOIST TO SATURATED,WELL GRADED 2.80m-3.00m CLAYEY SAND,ORANGE,BROWN,DENSE,SATURATED,WELL GRADED 3.00m-3.50m CLAY,GREY/RED,VERY STIFF,MOIST,LOW PLASTICITY.	1125m	South East
GW109747	0.00m-0.10m CONCRETE 140mm 0.10m-0.30m SANDY CLAY WITH GRAVEL,FILL,LIGHT BROWN,SOFT,MOIST 0.30m-0.50m CONCRETE 130mm 0.50m-0.70m SANDY CLAY WITH GRAVEL,FILL,BROWN,ORANGE,RED,SOFT,MOIST 0.70m-3.20m SAND,GREY,LOOSE,MOIST TO SATURATED,WELL ROUNDED,WELL GRADED 3.20m-3.40m SANDY CLAY,YELLOW,BROWN,SOFT,SATURATED 3.40m-3.80m CLAY,GREY,RED,STIFF,SLIGHTLY MOIST,LOW PLASTICITY,MINOR SAND	1132m	South East
GW111960	0.00m-1.60m FILL, SILTY SAND,GREY/BROWN 1.60m-2.80m CLAY,DENSE FINE GRAIN,YELLOW BROWN 2.80m-6.60m SAND,SILTY,DENSE LIGHT BROWN	1138m	South East
GW109749	0.00m-1.00m SANDY GRAVEL (FILL),BLACK/BROWN,LOOSE,MOIST 1.00m-2.50m SAND,GREY,LOOSE,VERY MOIST TO SATURATED WELL ROUNDED & GRADED 2.50m-3.30m SILTY SAND,BROWN,TO GREY,VERY DENSE,SATURATED 3.30m-4.20m SAND,VERY DENSE,BROWN,SATURATED,COFFEE ROCK 4.20m-4.50m SILTY CLAY,DARK GREY,VERY STIFF,MOIST,LOW PLASTICITY	1140m	South East
GW109750	0.00m-0.10m CONCRETE 150mm 0.10m-0.30m SANDY GRAVEL,LOOSE,SLIGHTLY MOIST 0.30m-3.00m SAND,GREY,LOOSE,MOIST TO SATURATED,WELL,ROUNDED AND GRADED 3.00m-3.50m CLAY,LIGHT GREY,VERY STIFF,SLIGHTLY MOIST TO MOIST,M/H PLASTICITY	1146m	South East
GW109648	0.00m-2.90m FILL,BROWN/GREY,LOOSE GRAVEL,CONCRETE,SAND 2.90m-4.90m SILTY CLAY,LT GREY,MOTT.BROWN HIGH PLASTICITY 4.90m-5.80m SILTY SAND,LT GREY,MED COURSE GRAINED 5.80m-6.20m SANDSTONE,RED,BROWN,WEATHERED,CLAY BANDS	1147m	North
GW109748	0.00m-0.20m CONCRETE 160mm 0.20m-0.40m SANDY SILT WITH GRAVEL,FILL,BROWN,SOFT,SLIGHTLY MOIST TO MOIST 0.40m-3.20m SAND,YELLOW,BROWN,LOOSE,MOIST TO SATURATED,WELL ROUNDED 3.20m-3.80m CLAY,GREY,RED,SOFT TO STIFF,MOIST, LOW TO MEDIUM PLASTICITY,WITH MINOR SAND	1150m	South East
GW109752	0.00m-0.80m SANDY SILT WITH GRAVEL,BLACK,BROWN,RED,SOFT,SLIGHTLY MOIST 0.80m-1.00m BLACK STAINED FILL 1.00m-2.80m SAND,BROWN,LOOSE TO DENSE,VERY MOIST TO SATURATED,WELL ROUNDED AND GRADED 2.80m-3.40m CLAY,LIGHT GREY,VERY STIFF,MOIST,M/H PLASTICITY,MINOR SAND	1163m	South East
GW109649	0.00m-4.80m FILL,GREY,BROWN,GRAVEL,CLAY,SILT 4.80m-5.90m SILTY SAND,LT GREY,RED,MED COARSE GRAINED 5.90m-7.20m SANDSTONE RED BROWN,WEATHERED WITH CLAY BANDS	1168m	North
GW111405	0.00m-0.13m CONCRETE SLAB 0.13m-0.25m SAND FILL, LIGHT ORANGE BROWN 0.25m-0.85m GRAVELLY SAND,FILL,BLACK,MOIST,VERY DENSE 0.85m-1.10m GRAVELLY CLAY (FILL) 1.10m-1.20m SAND FILL RED BROWN 1.20m-2.30m SILTY SAND,FILL,MINOR CLAY 2.30m-3.30m SAND,DARK BROWN,SATURATED,M/GRAINED 3.30m-4.00m SILTY SAND LIGHT GREY 4.00m-4.80m CLAY LIGHT GREY,MOIST,MED.TO HIGH PLASTICITY	1174m	South East
GW111406	0.00m-0.12m CONCRETE SLAB 0.12m-0.60m GRAVELLY SILT,DARK BROWN,DRY,LOOSE 0.60m-1.20m GRAVELLY CLAY,FILL,ORANGE BROWN 1.20m-2.30m SILTY SAND,LIGHT GREY/BROWN 2.30m-2.60m CLAY DARK GREY,VERY MOIST 2.60m-3.40m SANDY CLAY DARK GREY 3.40m-4.50m CLAY LIGHT BROWN,TO L/GREY 4.50m-4.80m CLAY RED BROWN,MOIST,L/PLASTICITY,HARD	1181m	South East
GW111014	0.00m-0.20m CONCRETE 0.20m-3.70m SAND 3.70m-6.10m SILTY SAND 6.10m-6.50m CLAY,GRAVELLY,SANDY,MOIST,IRONSTONE,GRAVEL	1188m	South East



Groundwater No	Drillers Log	Distance	Direction
GW111081	0.00m-0.25m CONCRETE SLAB 0.25m-0.90m SAND, FILL, DRY, GREY, NO ODOUR 0.90m-2.80m SILTY SAND, GRAVEL BITS, VERY MOIST, BROWN 2.80m-3.40m SANDY SILT, GRAVEL BITS 3.40m-4.00m SANDY SILT, MOIST, DARK BROWN	1207m	South East
GW111080	0.00m-0.20m CONCRETE SLAB 0.20m-0.60m SAND, FILL, MOIST, BROWN 0.60m-2.00m SILTY SAND, MOIST, BROWN, SLIGHT ODOUR 2.00m-4.00m SANDY SILT, SATURATED, L/PLASTICITY, GREY BLACK 4.00m-4.50m SANDY CLAY, MOIST, M/PLASTICITY 4.50m-5.00m CLAY, HIGH PLASTICITY, VERY MOIST, GREY	1216m	South East
GW111015	0.00m-0.30m CONCRETE 0.30m-1.00m SAND, GRAVELLY, SILTY, SANDSTONE AND ASH 1.00m-3.50m SAND, SILTY, M/DENSE 3.50m-4.40m SAND, GRAVELLY, DENSE, SATURATED, YELLOW 4.40m-4.80m SILTY SAND 4.80m-5.40m SAND, GRAVELLY, DENSE, SATURATED, YELLOW 5.40m-6.60m SAND, CLAYEY, MEDIUM DENSE, PALE, GREY 6.60m-7.00m CLAY, SANDY, SILTY, STIFF, MOIST	1220m	South East
GW111433	0.00m-2.00m FILL, SILTY, GRAVELLY SAND 2.00m-7.00m SAND, LIGHT BROWN, GREY, BROWN	1251m	East
GW111434	0.00m-0.50m FILL, SILTY SAND, FINE TO MEDIUM GRAINED 0.50m-2.00m SAND, FINE TO MEDIUM GRAINED, BROWN, TRACE OF SILT 2.00m-8.00m SAND FINE TO MEDIUM GRAINED, BROWN	1251m	East
GW017684	0.00m-2.43m Sand Peaty Fossils:peat 2.43m-6.40m Sand White Water Supply 6.40m-6.70m Sand Hard Cemented 6.70m-10.05m Sand Light Yellow Water Supply 10.05m-10.66m Clay White Grey 10.66m-11.58m Sand Grey Water Supply 11.58m-12.19m Clay Grey Some Peaty 12.19m-14.93m Sand Grey Water Supply	1376m	South
GW017342	0.00m-0.30m Made Ground 0.30m-2.74m Sand Peaty 2.74m-2.89m Peat 2.89m-7.31m Sand Grey Oozy Wet 7.31m-10.05m Sand Water Supply 10.05m-13.25m Sand Grey Water Supply 13.25m-14.17m Peat 14.17m-14.32m Clay Grey 14.32m-15.54m Sand Grey Water Supply	1386m	South
GW037956	0.00m-2.59m Made Ground 2.59m-3.04m Sand Grey 3.04m-5.02m Sand Yellow Clean 5.02m-6.40m Sand Yellow Clean Wet 6.40m-7.84m Sand Hard Cemented Very Fine 7.84m-7.92m Sand Hard Cemented 7.92m-10.51m Sand Yellow Water Supply 10.51m-11.73m Sand Dirty Water Supply 11.73m-11.81m Sand Hard Cemented 11.81m-13.56m Sand Grey Dirty Water Supply 13.56m-15.24m Sand Yellow Clean 15.24m-15.84m Clay Organic 15.84m-18.13m Sand Grey Water Supply 18.13m-20.11m Sand White Clean Water Supply 20.11m-21.10m Clay Dark Grey Water Supply	1396m	East
GW109730	0.00m-0.50m TOPSOIL 0.50m-1.00m CLAY ORANGE, MOIST, FIRM, MODERATE PLASTICITY 1.00m-1.50m CLAY, ORANGE/GREY, VERY STIFF, MODERATE PLASTICITY 1.50m-2.00m CLAY, ORANGE/GREY, VERY STIFF, MODERATE PLASTICITY 2.00m-3.00m CLAY, GREY, RED, VERY STIFF, NON PLASTIC, DAMP 3.00m-4.00m CLAY, GREY, RED, VERY STIFF, NON PLASTIC 4.00m-4.50m CLAY, GREY/RED, SOME GRAVEL, NON PLASTIC, DAMP 4.50m-5.00m CLAY, WATER AT 4.5m 5.00m-5.50m CLAY, GRAVELLY, GREY/RED, WET, NON PLASTIC, HETEROGENOUS, STIFF 5.50m-6.50m CLAY, BROWN, GREY, WET, HOMOGENOUS	1463m	West
GW109733	0.00m-0.80m FILL, CLAY, SILTY SOIL, CEMENT, GRAVELS, HARD IN GROUND, DRY, NO ODOUR 0.80m-1.50m CLAY, BLACK/GREY SMEARING AND STAINING IN SOIL, HIGH PLASTICITY 1.50m-2.00m CLAY, NATURAL RED COLOURING BECOMING APPARENT IN SOIL, DRY 2.00m-2.40m CLAY, RED SOIL COLOURING, NO ODOUR	1470m	West
GW109729	0.00m-0.20m PAVERS, CONCRETE 0.20m-0.70m FILL, CLAY, SILTY SOIL, BROWN, BLACK, HARD IN GROUND, DRY, NO ODOUR 0.70m-1.80m CLAY, TIGHT, LIGHT BROWN, HIGH PLASTICITY, DRY, NO ODOUR 1.80m-3.00m CLAY, RED COLOUR, NO ODOUR, DRY 3.00m-4.00m CLAY, NO ODOUR, DRY 4.00m-6.00m CLAY, VERY HOMOGENOUS	1474m	West
GW109732	0.00m-0.10m TOPSOIL, SILTY, BLACK, LOOSE, FINE GRAIN, DRY, NO ODOUR 0.10m-1.20m CLAY, LIGHT BROWN, STICKY, STIFF, HIGH PLASTICITY, NO ODOUR 1.20m-2.00m CLAY, RED, ORANGE, STIFF, MODERATE PLASTICITY, DRY, NO ODOUR 2.00m-3.30m CLAY BECOMING LESS PLASTIC, BRITTLE AND DRY WITH DEPTH 3.30m-4.30m CLAY, GREY, WITH IRONSTONE BANDS, SOFT, STIFF, HIGH PLASTICITY, GREY CLAY	1481m	West

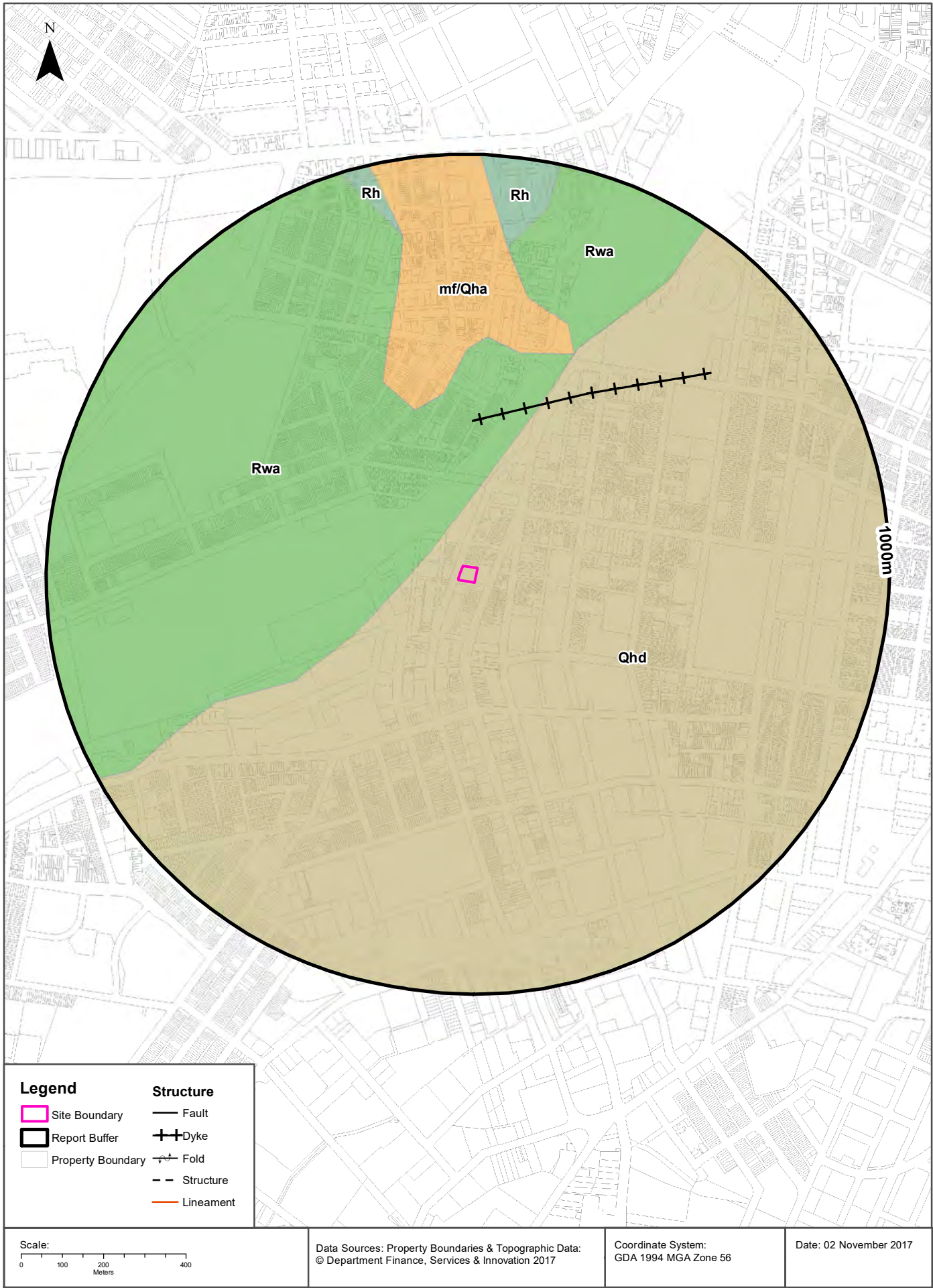
Groundwater No	Drillers Log	Distance	Direction
GW109731	0.00m-0.50m TOPSOIL,BROWN,DRY,HETEROGENOUS 0.50m-1.00m FILL.SLAG,BLACK,RESIDUAL WHITE CLAY. 1.00m-1.50m CLAY,BROWN,RED,STIFF,NON PLASTIC,DAMP 1.50m-2.00m CLAY, RED/BROWN,STIFF,;NON PLASTIC 2.00m-2.50m CLAY,RED/GREY,STIFF,PLASTIC, DAMP 2.50m-3.00m CLAY,RED/GREY,STIFF,NON PLASTIC 3.00m-4.00m CLAY,RED/GREY,STIFF,NON PLASTIC 4.00m-5.00m CLAY,RED/GREY,STIFF,ON PLASTIC 5.00m-5.50m CLAY,VERY STIFF,NON PLASTIC. 5.50m-6.00m CLAY,BROWN,LOOSE,SOFT,MOIST	1484m	West
GW017869	0.00m-1.82m Made Ground 1.82m-3.65m Sand Dry Water Supply 3.65m-10.97m Sand Water Supply 10.97m-11.58m Clay Sandy Peat 11.58m-12.19m Sand Grey Water Supply 12.19m-12.80m Sand Grey Dirty Water Supply 12.80m-13.71m Sand Grey Peaty Water Supply 13.71m-14.93m Sand Dirty Water Supply 14.93m-16.15m Sand Water Supply Clay Peat 16.15m-16.45m Sand Water Supply 16.45m-16.76m Clay Water Supply 16.76m-17.37m Sand Grey Clean Water Supply 17.37m-17.98m Peat	1497m	East
GW108245	0.00m-0.75m SANDSTONE ROCKS & FILL 0.75m-2.00m SAND AND RUBBISH 2.00m-5.00m SAND AND HEAVY PEAT 5.00m-13.00m SAND 13.00m-19.90m SAND WITH PEAT LAYERS 19.90m-20.80m SANDSTONE GREY	1498m	East
GW109789	0.00m-0.10m CONCRETE 0.10m-2.00m FILL,MAINLY GRAVEL,COARSE SAND AND SILTY CLAY 2.00m-3.00m CLAY,SILTY,GREY,GREEN, SOFT, DAMP, LOW PLASTICITY 3.00m-5.00m WEATHERED SHALE,GREY,DARK RED,FIRM, DAMP	1506m	South
GW111164	0.00m-8.00m SAND	1509m	South West
GW105317	0.00m-1.10m FILL,SILTY, SANDY CLAY 1.10m-6.50m SILTY CLAY,HIGH PLASTICITY	1521m	West
GW105525	0.00m-2.75m SANDY CLAY,SOIL LAND FILL 2.75m-5.49m UNCONSOLIDATED ALL SANDS	1525m	East
GW109792	0.00m-0.20m CONCRETE 0.20m-1.00m FILL,BRICKS,SAND,GRAVELS,DAMP-WET 1.00m-1.50m FILL,MAINLY SAND,BROWN,LOOSE,DAMP 1.50m-2.50m FILL,SAND,GRAVEL,BROWN, DAMP TO MOIS 2.50m-3.50m SILT,SANDY,GREY,DAMP,SOFT 3.50m-4.20m CLAY,REDDISH BROWN,DAMP,FIRM,MEDIUM PLASTICITY	1543m	South
GW109790	0.00m-0.10m CONCRETE ,TWO LAYERS 0.10m-1.00m FILL,VARIOUS COLOURS/MATERIALS,DAMP,GRAVELLY SAND 1.00m-2.00m FILL,VARIOUS MATERIALS,DARK GREY,DAMP TO MOIST 2.00m-3.00m CLAY,LIGHT BROWN,GREY,DAMP,FIRM TO SOFT 3.00m-4.00m WEATHERED SHALE.GREY/DARK RED,DAMP,FIRM	1547m	South
GW017870	0.00m-5.18m Made Ground 5.18m-6.70m Sand Dry Packed 6.70m-8.83m Sand White Water Supply 8.83m-10.05m Sand 10.05m-10.97m Sand Hard Cemented 10.97m-13.10m Sand Dirty Water Supply 13.10m-14.63m Sand Grey Water Supply 14.63m-14.93m Sand Grey Peaty 14.93m-16.76m Sand Grey Water Supply 16.76m-17.98m Clay	1551m	East
GW109791	0.00m-0.20m CONCRETE 0.20m-2.00m FILL,MAINLY SAND,SOME BRICK AND GRAVEL 2.00m-3.00m FILL,MAINLY SAND, SOME CLAY, BROWNISH YELLOW TO BLACK 3.00m-4.10m CLAY,YELLOWISH BROWN,DAMP,FIRM,MEDIUM PLATICITY	1551m	South
GW017340	0.00m-15.24m Made Ground Sand 15.24m-18.59m Clay Water Supply Sand Peaty	1556m	East

Groundwater No	Drillers Log	Distance	Direction
GW104266	0.00m-2.60m BLACK SANDY CLAY/ROCK FILL 2.60m-4.60m DARK GREY SANDY CLAY/GRAVEL 4.60m-6.60m LT. BROWN FINE SAND 6.60m-8.60m LIGHT BROWN FINE SAND 8.60m-10.60m WHITE FINE SAND 10.60m-12.60m WHITE FINE SAND 12.60m-14.60m WHITE SANDY CLAY 14.60m-16.60m BROWN SANDY CLAY 20% 16.60m-18.60m BROWN SANDY CLAY 50% 18.60m-20.60m BROWN SANDY CLAY 70% 20.60m-22.60m PEAT 22.60m-24.60m DENSE PEAT 24.60m-26.60m DENSE PEAT 26.60m-28.60m LIGHT PEAT 28.60m-30.60m GREY CLAY 30.60m-32.60m GREY CLAY 32.60m-34.60m SANDY CLAY 34.60m-35.60m WEATHERED GREY TO HARD SANDSTONE	1622m	East
GW112478	0.00m-1.80m Fill; grey-brown, fine-medium grained, gravelly Sand 1.80m-4.50m Clay; sandy, grey-brown, stiff, high plasticity	1638m	South
GW112479	0.00m-3.70m Fill; gravelly clayey Sand, grey-brown, fine-medium grained, poorly sorted 3.70m-5.50m Fill; Sand, dark grey, fine-medium grained, well sorted, homogenous 5.50m-7.00m Clay, Silty; mottled grey & brown, stiff, high plasticity, homogenous	1638m	South
GW112480	0.00m-3.20m Fill; gravelly clayey Sand, grey-brown, heterogeneous, damp, fine-medium grained, poorly sorted 3.20m-4.60m Fill; Sand, grey-brown, homogenous, damp, fine-medium grained, well sorted 4.60m-7.00m Clay, Silty; grey & brown, mottled, homogenous, stiff, high plasticity	1650m	South
GW048937	0.00m-2.74m Made Ground 2.74m-12.19m Sand Light Brown Water Supply 12.19m-13.72m Sand Dirty Water Supply 13.72m-16.76m Sand Dirty Clay Bands Interlayered Water Supply 16.76m-17.98m Sand Water Supply 17.98m-22.71m Sand White Water Supply 22.71m-24.38m Clay Grey	1657m	East
GW111408	0.00m-0.22m CONCRETE SLAB 0.22m-0.50m GRAVEL ROADBASE 0.50m-1.10m FILLING, GREY BROWN AND GREY, SILTY CLAY 1.10m-4.40m CLAY, GREY, SILTY WITH TRACE OF IRONSTONE, GRAVEL, DAMP	1691m	North West
GW114563	0.00m-0.08m ASPHALT 0.08m-0.21m CONCRETE 0.21m-0.31m SAND LIGHT BROWN, SOFT 0.31m-0.99m SILTY SAND, DARK BROWN MG SOFT 0.99m-1.23m SANDY CLAY BROWN SOFT FG 1.23m-1.31m SANDY CLAY BROWN SOFT FG 1.31m-1.95m SAND LIGHT BROWN SOFT 1.95m-2.52m CLAYEY SAND, DARK BROWN SOFT 2.52m-2.80m CLAY DARK BROWN SOFT 2.80m-3.34m CLAYEY SAND, DARK BROWN SOFT 3.34m-3.54m CLAY, DARK BROWN SOFT 3.54m-3.90m CLAY, DARK BROWN SOFT	1812m	South
GW114561	0.00m-0.15m ASPHALT 0.15m-0.21m CONCRETE 0.22m-0.50m SILTY SAND BLACK, CG, SOFT 0.50m-1.00m SAND GREY BROWN CG BROWN 1.00m-1.50m SAND WHITE CG SOFT 1.50m-1.60m SANDY CLAY BLACK SOFT 1.60m-2.15m SAND GREY CG SOFT 2.15m-2.70m SAND BROWN, CG, SOFT	1826m	South
GW114562	0.00m-0.05m ASPHALT 0.05m-0.18m CONCRETE 0.18m-0.58m SILTY SAND DARK BROWN MG. SOFT 0.58m-0.75m SAND, LIGHT BROWN, soft 0.75m-0.95m SILTY SAND DARK BROWN MG. SOFT 0.95m-1.05m SAND, WHITE ORANGE MOTTLED, SOFT 1.05m-1.55m GRAVELLY SAND, LIGHT BROWN SOFT 1.55m-1.75m SAND ORANGE SOFT 1.75m-2.25m CLAY DARK BROWN FG, SOFT 2.25m-2.70m SILTY CLAY DARK BROWN FG SOFT	1828m	South
GW100546	0.00m-14.50m BOTANY BAY SANDS	1842m	East
GW107134	0.00m-7.00m sand	1850m	South East
GW107133	0.00m-7.00m sand	1855m	South East
GW107135	0.00m-7.00m Sand	1885m	South East
GW105076	0.00m-10.00m SAND	1898m	East

Groundwater No	Drillers Log	Distance	Direction
GW104125	0.00m-1.00m SAND,LT,BROWN,LOAMY 1.00m-5.30m SAND,LT,BROWN 5.30m-8.10m SAND,LT BROWN 8.10m-14.20m PEAT,BLACK 14.20m-15.20m SAND, WHITE 15.20m-18.00m PEAT,BLACK 18.00m-22.00m CLAY,GREY,SANDY	1907m	South East
GW106004	0.00m-0.30m fill 0.30m-10.80m sand 10.80m-11.50m sand, peat 11.50m-16.50m sand 16.50m-17.00m sand, peat 17.00m-19.00m sand 19.00m-21.00m peat 21.00m-23.20m peat, sand	1937m	South East
GW017356	0.00m-30.48m Sand Water Supply	1974m	East
GW203385	0.00m-0.05m Fill; Asphalt 0.05m-1.10m Sand; Fill, brown sand with a trace of sandstone gravels, fine to medium grained, dry 1.10m-2.80m Sand; grey, fine, grained, moist from 2m, saturated @ 2.5m 2.80m-3.50m Peat; black peat, saturated 3.50m-6.20m Sand; dark brown, natural	1976m	South East
GW109238	0.00m-0.10m ASHPHALT 0.10m-0.40m FILL,BRICK,SANDSTONE 0.40m-2.50m CLAY BROWN 2.50m-7.50m SHALE, RED/GREY	1977m	North East
GW203386	0.00m-0.05m Fill; Asphalt 0.05m-1.10m Sand; Fill, brown sand with a trace of sandstone pieces/gravel, fine to medium grained, dry 1.10m-2.80m Sand; grey, fine grained, moist from 2m, saturated @ 2.5m	1990m	South East
GW203387	0.00m-0.40m Sand; fill, red/brown with a trace of sandstone gravels, fine to medium grained 0.40m-1.00m Sand; Silty; fille, dark brown silty sand, fine grained with some bricks & pieces, dry 1.00m-3.00m Sand; natural light grey/white sand, fine grained, dry 3.00m-7.00m Sand; natural, light grey/white sand, fine grained, moist - saturated	1990m	South East
GW051725	0.00m-0.70m Made Ground 0.70m-3.50m Sand Dark Brown Fine-medium 3.50m-8.00m Sand Greyish Light Brown Fine-medium	1995m	South

Drill Log Data Source: NSW Department of Primary Industries - Office of Water / Water Administration Ministerial Corp  
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## Geology

13-23 Gibbons Street, Redfern, NSW 2016

### Geological Units

What are the Geological Units onsite?

Symbol	Description	Unit Name	Group	Sub Group	Age	Dom Lith	Map Sheet	Dataset
Qhd	Medium to fine-grained marine sand with podsols				Quaternary		Sydney	1:100,000

What are the Geological Units within the dataset buffer?

Symbol	Description	Unit Name	Group	Sub Group	Age	Dom Lith	Map Sheet	Dataset
mf/Qha	Man-made fill (dredged estuarine sand and mud, demolition rubble, industrial and household waste) overlying silty to peaty quartz sand, silt and clay with ferruginous & humic cementation in places and common shell layers				Quaternary		Sydney	1:100,000
Qhd	Medium to fine-grained marine sand with podsols				Quaternary		Sydney	1:100,000
Rh	Medium to coarse grained quartz sandstone, very minor shale and laminate lenses				Triassic		Sydney	1:100,000
Rwa	Black to dark grey shale and laminate	Ashfield Shale	Wianamatta Group		Triassic		Sydney	1:100,000

### Geological Structures

What are the Geological Structures onsite?

Feature	Name	Description	Map Sheet	Dataset
No features				1:100,000

What are the Geological Structures within the dataset buffer?

Feature	Name	Description	Map Sheet	Dataset
Dyke			Sydney	1:100,000

Geological Data Source : NSW Department of Industry, Resources & Energy  
© State of New South Wales through the NSW Department of Industry, Resources & Energy

## Naturally Occurring Asbestos Potential

13-23 Gibbons Street, Redfern, NSW 2016

## Naturally Occurring Asbestos Potential

Naturally Occurring Asbestos Potential within the dataset buffer:

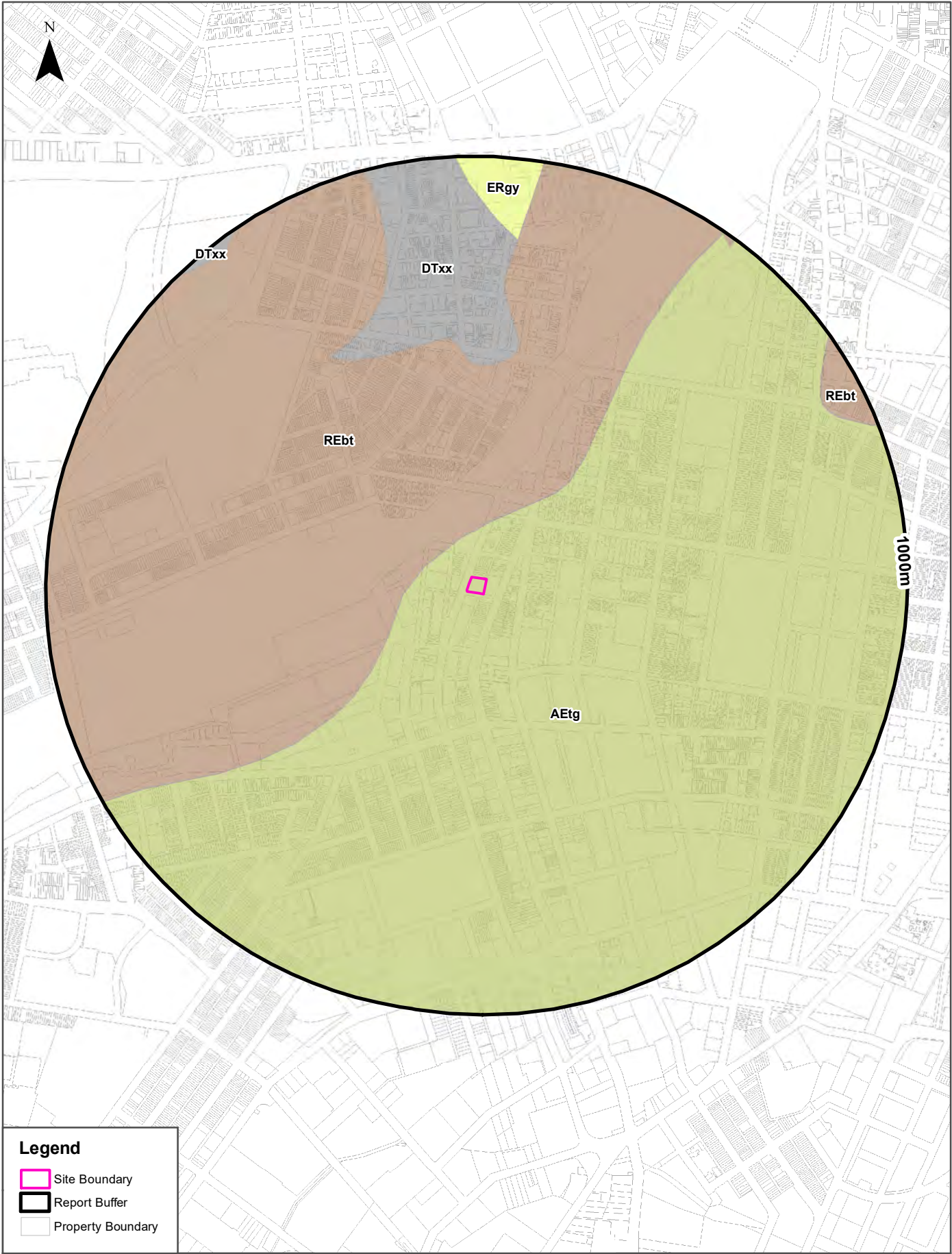
Potential	Sym	Strat Name	Group	Formation	Scale	Min Age	Max Age	Rock Type	Dom Lith	Description	Dist	Dir
No records in buffer												

Mining Subsidence District Data Source: © State of New South Wales through NSW Department of Industry, Resources & Energy



Soil Landscapes

13-23 Gibbons Street, Redfern, NSW 2016



Scale: 0 100 200 400 Meters	Data Sources: Property Boundaries & Topographic Data: © Department Finance, Services & Innovation 2017	Coordinate System: GDA 1994 MGA Zone 56	Date: 02 November 2017
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## Soils

13-23 Gibbons Street, Redfern, NSW 2016

### Soil Landscapes

What are the onsite Soil Landscapes?

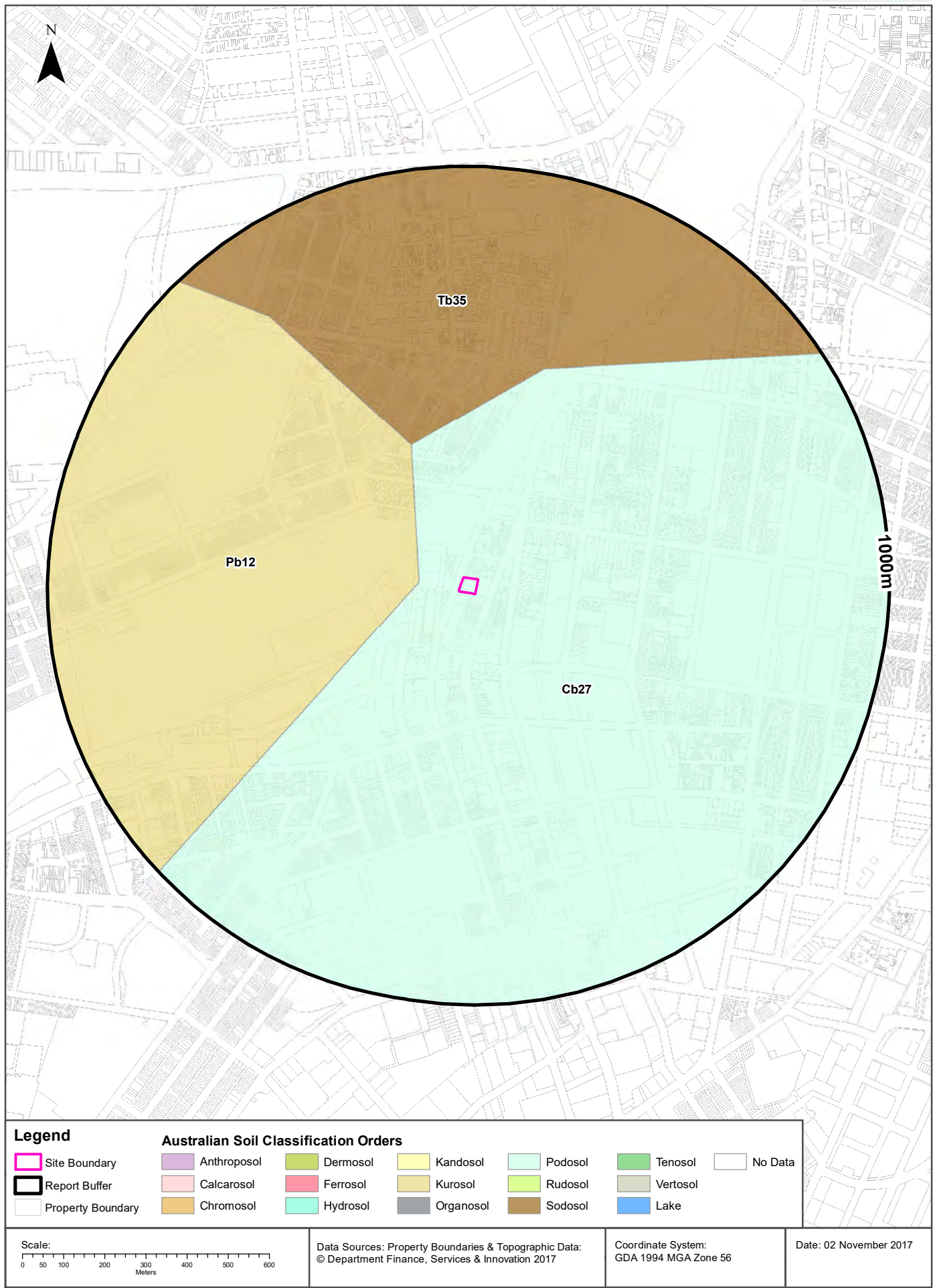
Soil Code	Name	Group	Process	Map Sheet	Scale
AEtg	TUGGERAH		AEOLIAN	Sydney	1:100,000

What are the Soil Landscapes within the dataset buffer?

Soil Code	Name	Group	Process	Map Sheet	Scale
AEtg	TUGGERAH		AEOLIAN	Sydney	1:100,000
DTxx	DISTURBED TERRAIN		DISTURBED TERRAIN	Sydney	1:100,000
ERgy	GYMEA		EROSIONAL	Sydney	1:100,000
REbt	BLACKTOWN		RESIDUAL	Sydney	1:100,000

Soils Landscapes Data Source : NSW Office of Environment and Heritage

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## Soils

13-23 Gibbons Street, Redfern, NSW 2016

### 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
Cb27	Podsol	Coastal sand plains and dunes, lagoons, and swampy areas: chief soils are leached sands (Uc2.3 and Uc2.2). Associated are dunes of siliceous sands (Uc1.2) and/or calcareous sands (Uc1.1) fringing the coastline; and swampy areas of (Uf6) soils and (Uc1.2) soils with peaty surfaces. Unit Cb27 has similarities with units Cb28 and Ca6.	0m
Pb12	Kurosol	Gently rolling to rounded hilly country with some steep slopes and broad valleys: chief soils are hard acidic red soils (Dr2.21) with hard neutral and acidic yellow mottled soils (Dy3.42 and Dy3.41) on lower slopes and in valleys. Associated are small areas of various soils including (Gn3.54) on some ridges, (Dr3.31) on some slopes; (Dr2.23) in saddles and some mid-slope positions, and some low-lying swampy areas of (Uf6) soils and (Uc1.2) soils with peaty surfaces. Small areas of other soils such as (Db1.2) are likely throughout.	100m
Tb35	Sodosol	Dissected plateau remnants--flat to undulating ridge tops with moderate to steep side slopes: chief soils are hard acidic yellow and yellow mottled soils (Dy3.41), (Dy2.21), and (Dy2.41) and hard acidic red soils (Dr2.21); many shallow profiles occur and profile thickness varies considerably over short distances. Associated are: (Gn3.54), (Gn3.14), and possibly other (Gn3) soils; (Db1.2) soils on some ridges; (Dy5.81) soils in areas transitional to unit Mb2; soils common to unit Mb2; and eroded lateritic remnants. Small areas of other soils are likely. Flat ferruginous shale or sandstone fragments are common on and/or in and/or below the soils of this unit.	347m

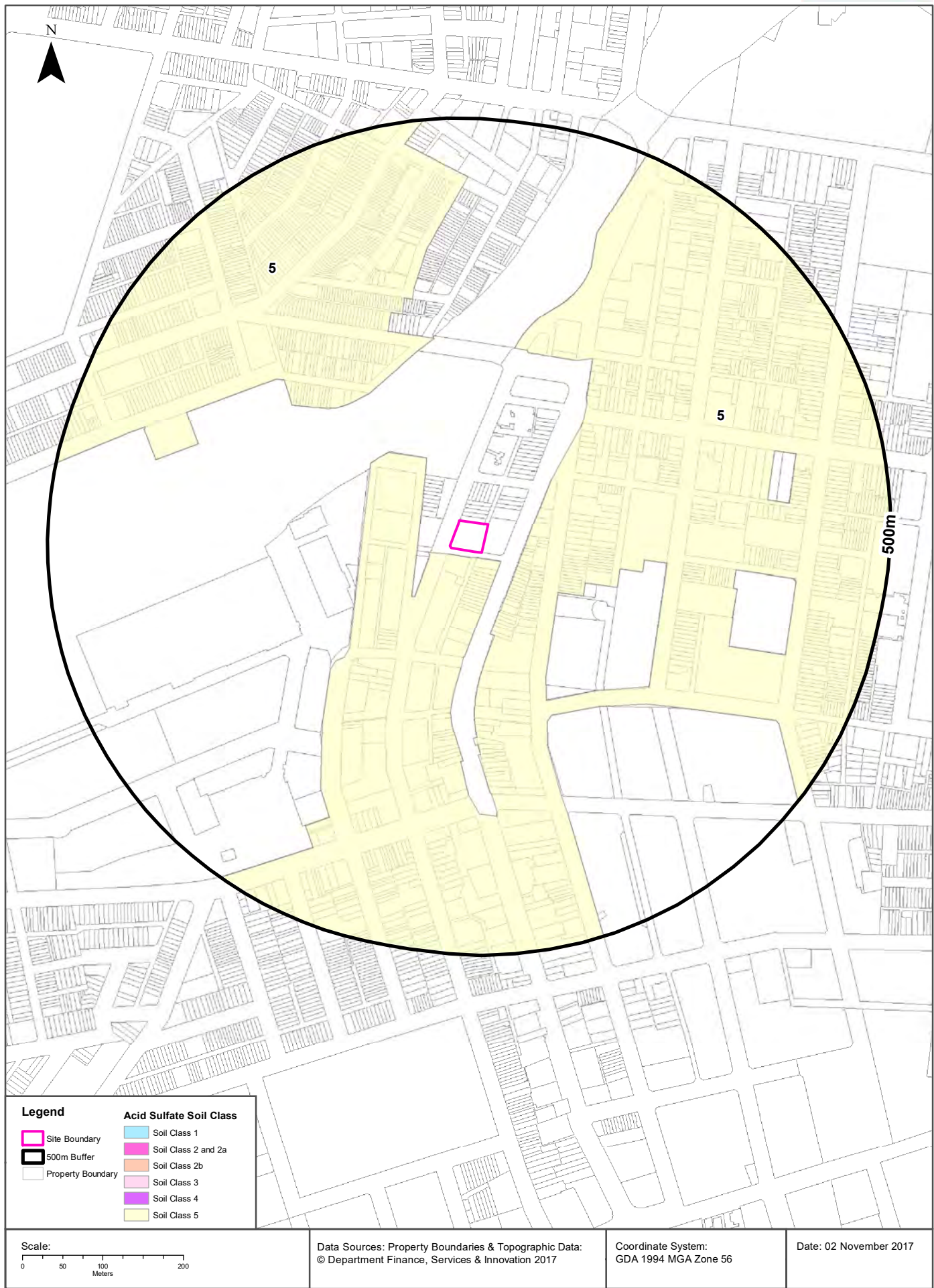
Atlas of Australian Soils Data Source: CSIRO

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# Acid Sulfate Soils

13-23 Gibbons Street, Redfern, NSW 2016





## Acid Sulfate Soils

13-23 Gibbons Street, Redfern, NSW 2016

### Standard Local Environmental Plan Acid Sulfate Soils

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

Soil Class	Description	LEP
N/A		

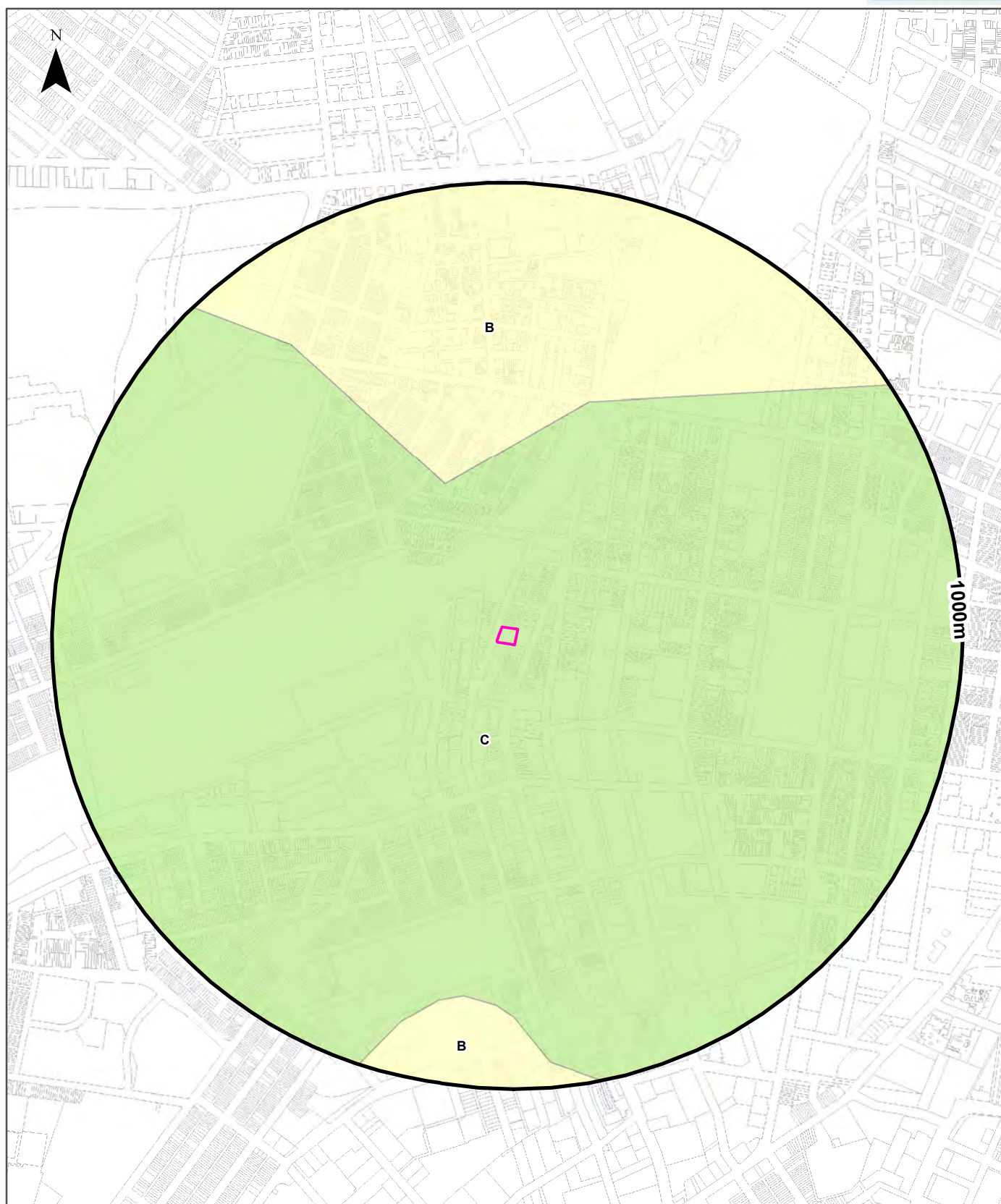
If the on-site Soil Class is 5, what other soil classes exist within 500m?

Soil Class	Description	LEP	Distance	Direction
N/A				

Acid Sulfate Data Source Accessed 07/10/2016: NSW Crown Copyright - Planning and Environment  
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# Atlas of Australian Acid Sulfate Soils

13-23 Gibbons Street, Redfern, NSW 2016



## Legend

  Site Boundary

  Report Buffer

  Property Boundary

## Probability of occurrence of Acid Sulfate Soils

  A. High (>70%)

  B. Low (6-70%)

  C. Extremely Low (1-5%)

  D. No Chance (0%)

  No Data

Scale:

0 50 100 200 300 400 500 600  
Meters

Data Sources: Property Boundaries & Topographic Data:  
© Department Finance, Services & Innovation 2017

Coordinate System:  
GDA 1994 MGA Zone 56

Date: 02 November 2017

## Acid Sulfate Soils

13-23 Gibbons Street, Redfern, NSW 2016

### Atlas of Australian Acid Sulfate Soils

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

Class	Description	Distance
C	Extremely low probability of occurrence. 1-5% chance of occurrence with occurrences in small localised areas.	0m
B	Low Probability of occurrence. 6-70% chance of occurrence.	347m

Atlas of Australian Acid Sulfate Soils Data Source: CSIRO

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## Dryland Salinity

13-23 Gibbons Street, Redfern, NSW 2016

### 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	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.

### Dryland Salinity Potential of Western Sydney

Dryland Salinity Potential of Western Sydney within the dataset buffer?

Feature Id	Classification	Description	Distance	Direction
N/A	Outside Data Coverage			

Dryland Salinity Potential of Western Sydney Data Source : NSW Office of Environment and Heritage

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## Mining Subsidence Districts

13-23 Gibbons Street, Redfern, NSW 2016

## Mining Subsidence Districts

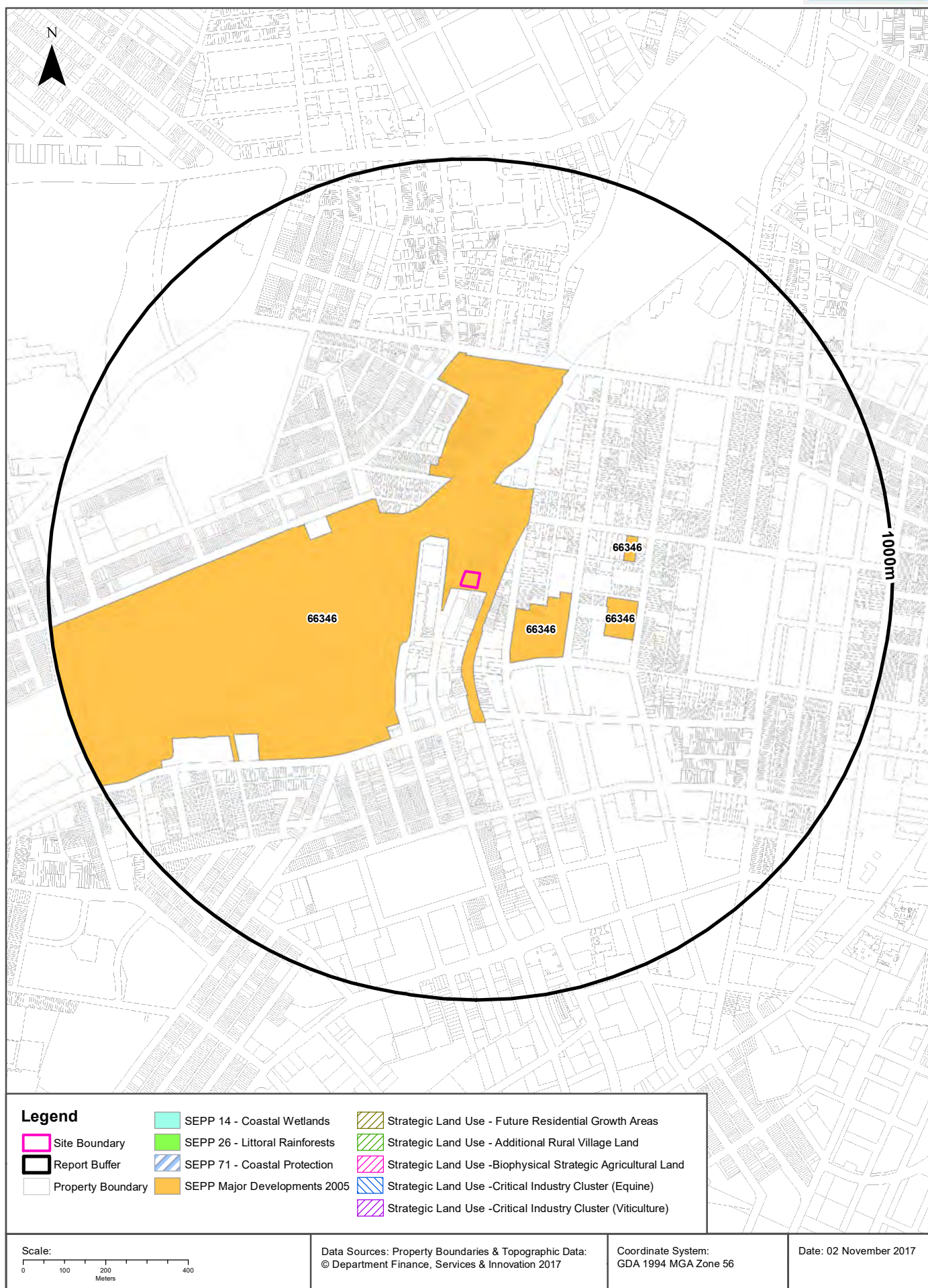
Mining Subsidence Districts within the dataset buffer:

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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# State Environmental Planning Policy

13-23 Gibbons Street, Redfern, NSW 2016



## Environmental Zoning

13-23 Gibbons Street, Redfern, NSW 2016

### State Environmental Planning Policy Protected Areas

Are there any State Environmental Planning Policy Protected Areas onsite or within the dataset buffer?

Dataset	Onsite	Within Site Buffer	Distance
SEPP14 - Coastal Wetlands	No	No	N/A
SEPP26 - Littoral Rainforests	No	No	N/A
SEPP71 - Coastal Protection Zone	No	No	N/A

SEPP Protected Areas Data Source: NSW Department of Planning & Environment  
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### State Environmental Planning Policy Major Developments (2005)

State Environmental Planning Policy Major Developments within the dataset buffer:

Map Id	Feature	Effective Date	Distance	Direction
66346	Redfern-Waterloo Authority Sites	17/07/2009	0m	Onsite

SEPP Major Development Data Source: NSW Department of Planning & Environment  
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### State Environmental Planning Policy Strategic Land Use Areas

State Environmental Planning Policy Strategic Land Use Areas onsite or within the dataset buffer:

Strategic Land Use	SEPPNo	Effective Date	Amendment	Amendment Year	Distance	Direction
No records within buffer						

SEPP Strategic Land Use Data Source: NSW Department of Planning & Environment  
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## Local Environmental Plan

13-23 Gibbons Street, Redfern, NSW 2016

### Land Zoning

What Local Environmental Plan Land Zones exist within the dataset buffer?

Zone	Description	Purpose	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		7m	South
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		8m	South
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		41m	South
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		46m	South
B2	Local Centre		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		126m	North East
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		170m	East
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		194m	West
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		219m	North East
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		221m	North East
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		230m	South
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		239m	South
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		243m	North East
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		251m	South
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		296m	North
B1	Neighbourhood Centre		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		301m	North West
SP2	Infrastructure		Sydney Local Environmental Plan 2012	12/12/2014	12/12/2014	16/12/2016	Amendment No 9	324m	South
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		325m	North West
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		328m	North West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		347m	North West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		384m	North
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		392m	North West
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		393m	South West
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		413m	East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		425m	North West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		444m	East
SP2	Infrastructure	Community Facility	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		457m	East
SP2	Infrastructure	Community Facility	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		470m	South
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		472m	North
SP2	Infrastructure	Community Facility	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		486m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		494m	North East

Zone	Description	Purpose	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		513m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		537m	North West
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		541m	South
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		542m	North
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		543m	North
SP2	Infrastructure	Educational Establishment	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		544m	North West
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		548m	North
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		550m	North
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		551m	East
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		554m	North East
SP2	Infrastructure	Railways	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		554m	North East
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		556m	North
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		563m	South
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		565m	North West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		575m	South
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		579m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		583m	North West
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		588m	South East
SP2	Infrastructure	Community Facility	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		603m	South West
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		620m	North
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		620m	North
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		621m	South
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		637m	North
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		641m	North West
SP2	Infrastructure	Community Facility	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		682m	South West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		698m	South West
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		700m	South East
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		708m	South West
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		711m	North East
SP2	Infrastructure	Educational Establishment	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		713m	South
B4	Mixed Use		Sydney Local Environmental Plan 2012	11/04/2014	11/04/2014	16/12/2016	Amendment No 5	724m	South
SP2	Infrastructure	Educational Establishment	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		734m	South West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		739m	South East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		751m	South West
SP2	Infrastructure	Community Facility	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		754m	South West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		764m	North East

Zone	Description	Purpose	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		784m	North
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		795m	West
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		828m	South
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		830m	South East
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		838m	South East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		839m	North
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		846m	North
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		855m	North West
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		870m	South East
B4	Mixed Use		Sydney Local Environmental Plan 2012	21/11/2014	21/11/2014	16/12/2016	Amendment No 12	873m	South East
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		875m	South
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		878m	South
SP2	Infrastructure	Educational Establishment	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		893m	North West
SP2	Infrastructure	Community Facility	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		893m	South East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		899m	West
B7	Business Park		Sydney Local Environmental Plan 2012	12/06/2015	12/06/2015	16/12/2016	Amendment No 17	902m	South
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		903m	South East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		905m	South East
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		929m	South West
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		929m	South West
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		931m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		933m	South West
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		950m	South West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		950m	South East
B4	Mixed Use		Sydney Local Environmental Plan 2012	19/12/2014	19/12/2014	16/12/2016	Amendment No 13	955m	South East
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		958m	South East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		961m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		973m	South West
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		980m	North
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		988m	South West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		990m	South West
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		992m	North West

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## Local Environmental Plan

13-23 Gibbons Street, Redfern, NSW 2016

### Minimum Subdivision Lot Size

What are the onsite Local Environmental Plan Minimum Subdivision Lot Sizes?

Symbol	Minimum Lot Size	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Percentage of Site Area
No Data							

### Maximum Height of Building

What are the onsite Local Environmental Plan Maximum Height of Buildings?

Symbol	Maximum Height of Building	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Percentage of Site Area
No Data							

### Floor Space Ratio

What are the onsite Local Environmental Plan Floor Space Ratios?

Symbol	Floor Space Ratio	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Percentage of Site Area
No Data							

### Land Application

What are the onsite Local Environmental Plan Land Applications?

Application Type	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Percentage of Site Area
No Data						

### Land Reservation Acquisition

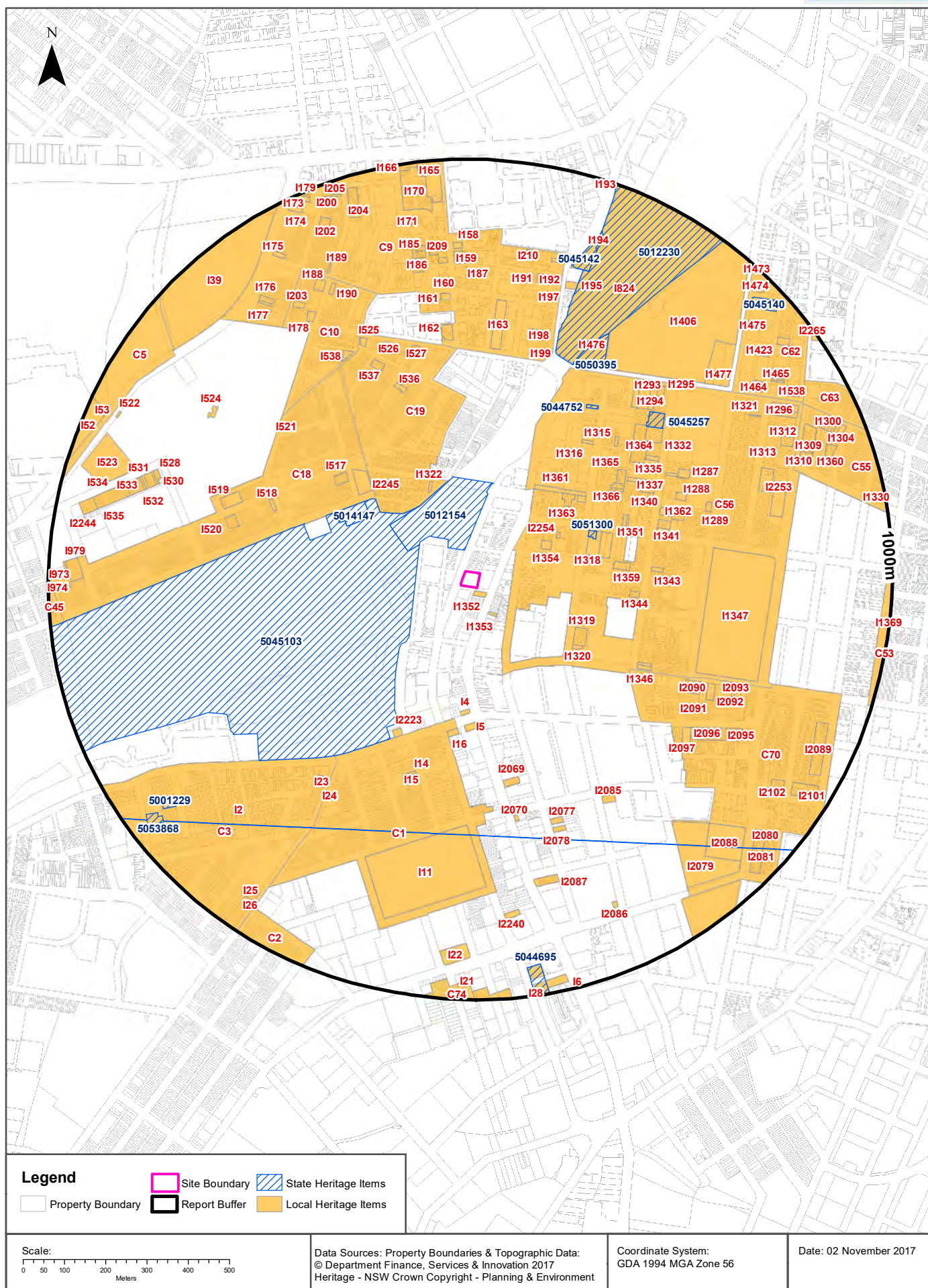
What are the onsite Local Environmental Plan Land Reservation Acquisitions?

Reservation	LEP	Published Date	Commenced Date	Currency Date	Amendment	Comments	Percentage of Site Area
No Data							

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**13-23 Gibbons Street, Redfern, NSW 2016**



## Heritage

### 13-23 Gibbons Street, Redfern, NSW 2016

## State Heritage Items

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

Map Id	Name	Address	LGA	Listing Date	Listing No	Plan No	Distance	Direction
5012154	Redfern Railway Station group	Great Southern and Western Railway, Redfern	Sydney	02/04/1999	1234	2340	51m	North
5045103	Eveleigh Railway Workshops	Great Southern and Western Railway, Redfern	Sydney	02/04/1999	1140	2347	110m	West
5014147	Eveleigh Chief Mechanical Engineers Office	Great Southern and Western Railway, Redfern	Sydney	02/04/1999	1139	2341	265m	North West
5051300	Redfern Post Office	113 Redfern Street Redfern	Sydney	22/12/2000	1439	2140	277m	East
5044752	Redfern Aboriginal Children's Services	18 George Street, Redfern	Sydney	13/07/2015	1951	2670	478m	North East
5045257	Fitzroy Terrace	6-18 Pitt Street Redfern	Sydney	02/04/1999	83	277	538m	North East
5050395	Cathedral of the Annunciation of Our Lady	242 Cleveland Street Redfern	Sydney	17/04/2012	1881	2523	554m	North East
5012230	Sydney Terminal and Central Railway Stations Group	Great Southern and Western Railway; Illawarra Rail, Sydney	Sydney	02/04/1999	1255	2247	554m	North East
5053868	Pressure Tunnel and Shafts	Potts Hill	Bankstown	15/11/2002	1630	2046	599m	West
5045142	Mortuary Railway Station and site	Regent Street, Chippendale	Sydney	02/04/1999	157	200	775m	North
5001229	Enginemans Resthouse	39 Brandling Street Alexandria	Sydney	02/04/1999	723	1777	865m	South West
5045140	Cleveland House	146-164 Chalmers Street Surry Hills	Sydney	02/04/1999	65	259	919m	North East
5044695	Yiu Ming Temple	16-22 Retreat Street Alexandria	Sydney	24/09/1999	1297	2239	925m	South

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## Local Heritage Items

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

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
I1352	St Luke's Presbyterian Church	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	7m	South East
I1353	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	63m	South East
C56	Redfern Estate	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	77m	East
I1354	Former Redfern Municipal Electric Light Station	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	157m	North East

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
C19	Darlington	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	194m	North West
I2254	Electricity Substation No. 112	Item - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	06/05/2016	203m	North East
I1322	Terrace house 'Waratah'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	211m	North West
I1361	Wood Block paving beneath bitumen surface	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	243m	North East
I1319	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	256m	South East
I1318	Redfern Telephone Exchange	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	259m	East
I1363	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	261m	North East
I1320	House 'Clyde House'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	270m	South East
I1349	Redfern Post Office	Item - General	State	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	277m	East
C18	Golden Grove	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	280m	West
I1348	Former St Vincent's Roman Catholic Church group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	288m	East
I1317	Redfern Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	292m	North East
I4	Cricketers Arms Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	294m	South
I2245	Former McMurtrie, Kellermann & Co Factory	Item - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	06/05/2016	301m	North West
C1	Alexandria Park	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	321m	South
I1359	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	322m	East
I5	Former CBC Bank	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	325m	South
I16	Lord Raglan Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	343m	South
I1316	Fence posts on Renwick Street	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	358m	North East
I517	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	359m	North West
I1351	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	361m	East
I1344	Former shop & residence	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	365m	East
I1350	Shop & residence	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	369m	East
I1367	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	375m	North East
I2223	Alexandria Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	01/04/2016	01/04/2016	06/05/2016	376m	South West

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I1366	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	378m	North East
I1365	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	394m	North East
I1315	Commercial building 'Star House'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	400m	North East
I1343	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	414m	East
C70	Waterloo	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	419m	South East
I1340	Former shop & residence 'Quirk's Store'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	420m	North East
I1337	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	421m	North East
I1345	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	429m	South East
I1346	Somerset Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	431m	South East
I1338	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	434m	North East
I1342	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	439m	East
I1341	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	443m	East
I1357	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	447m	North East
I1364	Terrace group 'Tamworth Terraces'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	452m	North East
I1339	Redfern Town Hall	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	457m	East
I536	Terrace house 'The Settlement' (17 Edward Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	458m	North
I1335	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	460m	North East
I14	Former Mayor's Residence	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	464m	South
I2069	Congregational Church	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	469m	South
I15	Alexandria Town Hall	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	470m	South
I1334	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	475m	North East
I1314	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	477m	North East
I1362	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	481m	East
I518	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	481m	West
I1333	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	485m	North East
I1288	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	506m	East



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I1336	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	507m	North East
I1332	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	511m	North East
C3	Kingsclear	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	515m	South West
I537	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	526m	North West
I527	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	530m	North
C9	Chippendale	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	530m	North
I1287	Cottage 'Dascom E Cottage'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	532m	North East
I1331	Terrace group 'Fitzroy Terrace'	Item - General	State	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	538m	North East
I163	Flat building group 'Strickland Building'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	543m	North
I199	Former Mercantile Bank Chambers	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	545m	North
I1292	House	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	545m	North East
I521	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	548m	North West
I1347	Redfern Park	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	551m	East
I1293	Cottage group 'Tutulla' & 'Tivoli'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	552m	North East
I2090	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	553m	South East
I824	Central Railway Station group	Item - General	State	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	555m	North East
I1476	Greek Orthodox Church group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	555m	North East
I520	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	556m	West
I2070	Cauliflower Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	558m	South
I162	Terrace group 'Dangar Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	561m	North
I1289	Woolpack Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	565m	East
I519	Commercial building	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	566m	West
I526	Former service station 'Hahn Automotive Services'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	567m	North
I1294	Park Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	568m	North East
I23	Former NSW Mission Church & Hall	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	570m	South West

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I11	Alexandria Park	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	575m	South
C10	Darling Nursery Estate	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	579m	North West
I1406	Prince Alfred Park	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	580m	North East
I198	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	584m	North
I2077	Former Waterloo Pre-school (225 Cope Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	588m	South
I2085	Duke of Wellington Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	588m	South East
I24	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	589m	South West
I538	Industrial building	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	590m	North West
I525	Britannia Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	595m	North West
I1295	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	597m	North East
I2097	Uniting Church	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	601m	South East
I2091	House	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	606m	South East
I2078	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	610m	South
I2096	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	619m	South East
I161	Shannon Hotel (87 -89 Abercrombie Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	662m	North
I2092	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	663m	South East
I2093	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	670m	South East
I197	Former Crown Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	681m	North
I160	Warehouse 'JC Goodwin & Co'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	693m	North
I2253	Former A. Hordern & Sons Factory Complex	Item - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	06/05/2016	703m	East
I178	Rose Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	709m	North West
I1477	Former Cleveland Street Public School	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	712m	North East
I2095	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	715m	South East
I524	Former Darlington Primary School	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	715m	North West
I2087	Terrace group 'Gordon Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	720m	South
I187	Sydney City Mission Hall	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	720m	North

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I191	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	720m	North
I192	Item - General	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	721m	North
I195	Co-Masonic Temple	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	722m	North
I186	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	734m	North
I2079	Waterloo Park & Oval	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	738m	South East
I190	Victoria Park Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	745m	North West
I159	Warehouse 'Macintosh Tyres & Co'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	746m	North
I157	Corner shop & terrace group 'Centennial Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	749m	North
I203	Duck & Swan Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	751m	North West
C62	Cleveland Gardens	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	752m	North East
I2	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	754m	South West
I1321	Electrical substation	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	755m	North East
I188	Warehouse 'EG Bishops Pty Ltd'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	762m	North West
I185	Former hotel & terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	766m	North
I184	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	767m	North
I210	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	768m	North
I209	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	770m	North
I528	Terrace group 'Roma' & 'Frelin'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	770m	West
I529	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	773m	West
I194	Mortuary Railway Station	Item - General	State	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	773m	North
I196	Terrace group (83-85 Regent Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	774m	North
I530	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	777m	West
I158	Shop & residence	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	782m	North
I208	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	783m	North
I2240	Former Electric Light Substation No. 89	Item - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	06/05/2016	785m	South

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I1313	Church 'The Where Kakakel'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	789m	North East
I531	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	792m	West
I1464	Terrace group 'Pembroke Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	795m	North East
I189	Corner shop & residence	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	795m	North West
I177	Former terrace house 'Family Planning Clinic'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	796m	North West
I532	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	796m	West
C55	Cooper Street	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	798m	East
I176	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	799m	North West
I1296	Commercial building 'Demco Machinery Co'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	800m	North East
I533	Terrace group 'Golden Grove Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	801m	West
I2088	Our Lady of Mt Carmel Church & School	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	801m	South East
I1312	Commercial building 'Stanton Mellick'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	807m	North East
I1310	Terrace group 'Pleasant Terrace' (552-564 Elizabeth Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	817m	East
I2086	Electrical substation	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	829m	South East
I534	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	830m	West
I1309	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	830m	North East
I523	Institute Building, University of Sydney	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	835m	West
I1311	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	836m	North East
I1297	Surrey Club Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	844m	North East
I1465	Terrace group 'Cleveland Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	845m	North East
I1465	Terrace group 'Cleveland Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	850m	North East
I171	Former warehouse 'WA Davidson Clothing Manufacturers'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	851m	North
I2102	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	852m	South East
I1423	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	853m	North East
I39	Victoria Park	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	855m	North West



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I1538	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	856m	North East
I22	Industrial building	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	863m	South
I1360	Terrace group 'Zetland Terraces'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	865m	East
I10	House 'Eveleigh House'	Item - General	State	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	865m	South West
I170	UTS Blackfriars Campus group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	875m	North
I175	Former Imperial Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	875m	North West
C5	Sydney University	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	877m	North West
C63	Goodlet Street	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	884m	North East
I1475	Terrace house 'Ravenswood'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	885m	North East
I2089	Terrace group 'Grosvenor Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	885m	South East
I202	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	887m	North West
I201	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	890m	North
I25	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	892m	South West
I2080	Waterloo Town Hall	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	893m	South East
I1298	Terrace house 'Landshipping House' (289 Cleveland Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	894m	North East
I204	Terrace group 'Clive Terraces'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	896m	North
I165	St Benedict's Church group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	898m	North
I1299	Terrace house 'Saxtonia'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	898m	North East
I2101	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	898m	South East
I535	Terrace group 'University Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	899m	West
I2079	Waterloo Park & Oval	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	902m	South East
I2081	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	903m	South East
I1300	Terrace house 'Evelyn'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	903m	North East
I1463	Belvoir Street Baptist Church	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	907m	North East
I1301	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	908m	North East

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
I1302	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	913m	North East
I979	St Michael's Church group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	914m	West
I26	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	917m	South West
I2244	Former Jones IXL Factory Garage	Item - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	06/05/2016	918m	West
I1303	Shop & residence group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	918m	East
I522	James Spring drinking fountain & horse trough	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	920m	North West
I1304	Former theatre 'Stage Club'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	923m	East
I29	Terrace group (17A-29 Retreat Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	925m	South
C2	Cooper Estate	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	929m	South West
I1462	House 'Cleveland House'	Item - General	State	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	940m	North East
I974A	Terrace house (50 Forbes Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	946m	West
I974	Terrace house (48 Forbes Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	948m	West
I200	Terrace group 'Rose Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	948m	North
C74	North Alexandria Industrial	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	06/05/2016	950m	South
I52	St Paul's College group, University of Sydney	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	951m	West
I21	Warehouse	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	951m	South
I1474	Welsh Presbyterian Church	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	952m	North East
I53	Gatekeeper's Lodge, University of Sydney	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	954m	North West
I973	St Kieran's Presbytery	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	955m	West
I174	Former warehouse 'Grace Bros'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	956m	North West
I207	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	960m	North
I6	Glenroy Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	961m	South
I206	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	964m	North
I1330	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	964m	East
C45	Queen Street	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	967m	West
I28	Yiu Ming Temple (16-22 Retreat Street)	Item - General	State	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	967m	South

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
I173	Remnant wall 'Coopers Cottages'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	970m	North West
I179	Former terrace group 'Coopers Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	972m	North West
I205	Terrace house (21A Shepherd Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	973m	North
C53	Baptist Street	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	975m	East
I193	Former commercial building 'John Storey Memorial Dispensary'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	980m	North
I2265	Former W. C. Penfold Co. Factory	Item - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	06/05/2016	980m	North East
I1326	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	983m	East
I183	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	990m	North West
I1369	St Saviour's Anglican Church group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	995m	East
I1473	Commercial building 'Australian Metalworkers' (126 -128 Chalmers Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	996m	North East
I166	Commercial building 'Pioneer House'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	996m	North

Heritage Data Source: NSW Crown Copyright - Planning & Environment

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## Natural Hazards

13-23 Gibbons Street, Redfern, NSW 2016

### 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 within buffer		

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



# Ecological Constraints - Native Vegetation & RAMSAR Wetlands

13-23 Gibbons Street, Redfern, NSW 2016



## Legend

Site Boundary	Rainforest	Forested Wetlands	Grasslands	Artificial Wetlands	RAMSAR Wetlands
Report Buffer	Wet Sclerophyll Forests	Grassy Woodlands	Freshwater Wetlands	Water	
Property Boundary	Dry Sclerophyll Forests	Heathlands	Saline Wetlands	Other	

Scale:  
0 100 200 400  
Meters

Proport Boundary Data Source:  
© Department Finance, Services & Innovation 2017

Coordinate System:  
GDA 1994 MGA Zone 56

Date: 02 November 2017

## Ecological Constraints

13-23 Gibbons Street, Redfern, NSW 2016

### 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	Direction
Urban_E/N	Urban_E/N: Urban Exotic/Native			00: Not assessed	00: Not assessed	0: Not assessed	Urban Exotic/Native	63m	North

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 Environment

## Ecological Constraints

13-23 Gibbons Street, Redfern, NSW 2016

### 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	Crinia tinnula	Wallum Froglet	Vulnerable	Not Sensitive	Not Listed	
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	Anseranas semipalmata	Maggie 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	Ardea ibis	Cattle Egret	Not Listed	Not Sensitive	Not Listed	CAMBA;JAMBA
Animalia	Aves	Ardenna carneipes	Flesh-footed Shearwater	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	Ardenna pacificus	Wedge-tailed Shearwater	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Ardenna tenuirostris	Short-tailed Shearwater	Not Listed	Not Sensitive	Not Listed	ROKAMBA;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 bairdii	Baird's Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;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 melanotos	Pectoral Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;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	Calyptorhynchus lathami	Glossy Black-Cockatoo	Vulnerable	Category 2	Not Listed	
Animalia	Aves	Charadrius leschenaultii	Greater Sand-plover	Vulnerable	Not Sensitive	Vulnerable	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Charadrius mongolus	Lesser Sand-plover	Vulnerable	Not Sensitive	Endangered	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Charadrius veredus	Oriental Plover	Not Listed	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	Chlidonias leucopterus	White-winged Black Tern	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Daphoenositta chrysoptera	Varied Sittella	Vulnerable	Not Sensitive	Not Listed	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	Diomedea exulans	Wandering Albatross	Endangered	Not Sensitive	Endangered	JAMBA
Animalia	Aves	Egretta sacra	Eastern Reef Egret	Not Listed	Not Sensitive	Not Listed	CAMBA
Animalia	Aves	Epthianura albifrons	White-fronted Chat	Endangered Population, Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Erythroriichis radiatus	Red Goshawk	Critically Endangered	Category 2	Vulnerable	
Animalia	Aves	Falco subniger	Black Falcon	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Gallinago hardwickii	Latham's Snipe	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Glossopsitta pusilla	Little Lorikeet	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	CAMBA
Animalia	Aves	Hieraaetus morphnoides	Little Eagle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Hirundapus caudacutus	White-throated Needletail	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Hydroprogne caspia	Caspian Tern	Not Listed	Not Sensitive	Not Listed	CAMBA;JAMBA
Animalia	Aves	Ixobrychus flavicollis	Black Bittern	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Lathamus discolor	Swift Parrot	Endangered	Category 3	Critically Endangered	
Animalia	Aves	Limicola falcinellus	Broad-billed Sandpiper	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Limosa lapponica	Bar-tailed Godwit	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Limosa limosa	Black-tailed Godwit	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Lophochroa leadbeateri	Major Mitchell's Cockatoo	Vulnerable	Category 2	Not Listed	
Animalia	Aves	Lophoictinia isura	Square-tailed Kite	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Merops ornatus	Rainbow Bee-eater	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Neophema chrysogaster	Orange-bellied Parrot	Critically Endangered	Category 3	Critically Endangered	
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 minutus	Little Curlew	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Numenius phaeopus	Whimbrel	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Onychoprion fuscata	Sooty Tern	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Pandion cristatus	Eastern Osprey	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Petroica boodang	Scarlet Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Petroica phoenicea	Flame Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Pezoporus wallicus	Eastern Ground Parrot	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Phaethon lepturus	White-tailed Tropicbird	Not Listed	Not Sensitive	Not Listed	CAMBA;JAMBA
Animalia	Aves	Pluvialis fulva	Pacific Golden Plover	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Pluvialis squatarola	Grey Plover	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA



Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	<i>Pterodroma leucoptera leucoptera</i>	Gould's Petrel	Vulnerable	Not Sensitive	Endangered	
Animalia	Aves	<i>Ptilinopus superbus</i>	Superb Fruit-Dove	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Stagonopleura guttata</i>	Diamond Firetail	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Stercorarius longicaudus</i>	Long-tailed Jaeger	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	<i>Stercorarius parasiticus</i>	Arctic Jaeger	Not Listed	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	<i>Stercorarius pomarinus</i>	Pomarine Jaeger	Not Listed	Not Sensitive	Not Listed	CAMBA;JAMBA
Animalia	Aves	<i>Sterna hirundo</i>	Common Tern	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	<i>Sternula albifrons</i>	Little Tern	Endangered	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	<i>Stictonetta naevosa</i>	Freckled Duck	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Sula dactylatra</i>	Masked Booby	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	<i>Thalassarche chrysostoma</i>	Grey-headed Albatross	Not Listed	Not Sensitive	Endangered	
Animalia	Aves	<i>Thalassarche melanophris</i>	Black-browed Albatross	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Aves	<i>Tringa brevipes</i>	Grey-tailed Tattler	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	<i>Tringa glareola</i>	Wood Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	<i>Tringa incana</i>	Wandering Tattler	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	<i>Tringa nebularia</i>	Common Greenshank	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	<i>Tringa stagnatilis</i>	Marsh Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	<i>Tyto novaehollandiae</i>	Masked Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	<i>Tyto tenebricosa</i>	Sooty Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	<i>Xenus cinereus</i>	Terek Sandpiper	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Mammalia	<i>Aepyprymnus rufescens</i>	Rufous Bettong	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Arctocephalus forsteri</i>	New Zealand Fur-seal	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Arctocephalus pusillus doriferus</i>	Australian Fur-seal	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Cercartetus nanus</i>	Eastern Pygmy-possum	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Dasyurus maculatus</i>	Spotted-tailed Quoll	Vulnerable	Not Sensitive	Endangered	
Animalia	Mammalia	<i>Dasyurus viverrinus</i>	Eastern Quoll	Endangered	Not Sensitive	Critically Endangered	
Animalia	Mammalia	<i>Dugong dugon</i>	Dugong	Endangered	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Eubalaena australis</i>	Southern Right Whale	Endangered	Not Sensitive	Endangered	
Animalia	Mammalia	<i>Falsistrellus tasmaniensis</i>	Eastern False Pipistrelle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Megaptera novaeangliae</i>	Humpback Whale	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	<i>Miniopterus australis</i>	Little Bentwing-bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Miniopterus schreibersii oceanensis</i>	Eastern Bentwing-bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Mormopterus norfolkensis</i>	Eastern Freetail-bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Myotis macropus</i>	Southern Myotis	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Perameles nasuta</i>	Long-nosed Bandicoot	Endangered Population	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Pteropus poliocephalus</i>	Grey-headed Flying-fox	Vulnerable	Not Sensitive	Vulnerable	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Mammalia	Saccolaimus flaviventris	Yellow-bellied Sheath-tail-bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Reptilia	Chelonia mydas	Green Turtle	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Reptilia	Dermochelys coriacea	Leatherback Turtle	Endangered	Not Sensitive	Endangered	
Fungi	Flora	Camarophyllopsis kearneyi		Endangered	Not Sensitive	Not Listed	
Fungi	Flora	Hygrocybe anomala var. ianthinomarginata		Vulnerable	Not Sensitive	Not Listed	
Fungi	Flora	Hygrocybe aurantipes		Vulnerable	Not Sensitive	Not Listed	
Fungi	Flora	Hygrocybe austropratensis		Endangered	Not Sensitive	Not Listed	
Fungi	Flora	Hygrocybe collucera		Endangered	Not Sensitive	Not Listed	
Fungi	Flora	Hygrocybe griseoramosa		Endangered	Not Sensitive	Not Listed	
Fungi	Flora	Hygrocybe lanecovensensis		Endangered	Not Sensitive	Not Listed	
Fungi	Flora	Hygrocybe reesiaei		Vulnerable	Not Sensitive	Not Listed	
Fungi	Flora	Hygrocybe rubronivea		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 pubescens	Downy Wattle	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Acacia terminalis subsp. terminalis	Sunshine Wattle	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Allocasuarina portuensis	Nielsen Park She-oak	Endangered	Category 3	Endangered	
Plantae	Flora	Amperea xiphoclada subsp. pedicellata		Presumed Extinct	Not Sensitive	Extinct	
Plantae	Flora	Asterolasia buxifolia		Endangered	Not Sensitive	Not Listed	
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	Darwinia biflora		Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Dichanthium setosum	Bluegrass	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Diuris arenaria	Sand Doubletail	Endangered	Category 2	Not Listed	
Plantae	Flora	Doryanthes palmeri	Giant Spear Lily	Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Epacris purpurascens subsp. purpurascens		Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Eucalyptus camfieldii	Camfield's Stringybark	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Eucalyptus fracta	Broken Back Ironbark	Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Eucalyptus leucoxylon subsp. pruinosa	Boland Yellow Gum	Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Eucalyptus nicholii	Narrow-leaved Black Peppermint	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Eucalyptus pulverulenta	Silver-leaved Gum	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Eucalyptus scoparia	Wallangarra White Gum	Endangered	Not Sensitive	Vulnerable	
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	Endangered	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Plantae	Flora	Hibbertia puberula		Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Leptospermum deanei		Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Macadamia integrifolia	Macadamia Nut	Not Listed	Not Sensitive	Vulnerable	
Plantae	Flora	Macadamia tetraphylla	Rough-shelled Bush Nut	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Melaleuca biconvexa	Biconvex Paperbark	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Melaleuca deanei	Deane's Paperbark	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Persoonia hirsuta	Hairy Geebung	Endangered	Category 3	Endangered	
Plantae	Flora	Persoonia nutans	Nodding Geebung	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Pimelea curviflora subsp. curviflora		Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Pimelea spicata	Spiked Rice-flower	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Prasophyllum fuscum	Slaty Leek Orchid	Critically Endangered	Category 2	Vulnerable	
Plantae	Flora	Prostanthera marifolia	Seaforth Mintbush	Critically Endangered	Category 3	Critically Endangered	
Plantae	Flora	Pultenaea parviflora		Endangered	Not Sensitive	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	
Plantae	Flora	Wilsonia backhousei	Narrow-leafed Wilsonia	Vulnerable	Not Sensitive	Not Listed	

Data does not include NSW category 1 sensitive species.

NSW BioNet: © State of NSW and Office of Environment and Heritage

Data obtained 01/11/2017

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## **Appendix E**

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Historical Title Deeds

**ABN: 42 166 543 255**  
**Ph: 02 9099 7400**  
**Fax: 02 9232 7141**  
(Ph: 0412 199 304)

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

**Summary of Owners Report**

**LPI**

**Sydney**

**Address: 13 – 23 Gibbons Street, Redfern**

**Description: - S.P. 60485**

**Search as regard part tinted green on attached Cadastre**

<u><b>Date of Acquisition and term held</b></u>	<u><b>Registered Proprietor(s) &amp; Occupations where available</b></u>	<u><b>Reference to Title at Acquisition and sale</b></u>
02.12.1865 (1865 to 1937)	William Matthew Hutchinson Gibbons (Gentleman) & his deceased estate	Book 96 No. 279 Now Vol 4799 Fol 136
69.09.1935 (1935 to 1937)	John Hunter Stephenson (Solicitor now Chartered Accountant) The Union Trustee Company of Australia Limited (Trustees of the will of William Matthew Hutchinson Gibbons)	Book 1730 No. 298 (Appointment of New Trustees) Now Vol 4799 Fol 136
27.04.1937 (1937 to 1948)	William Henry Sly (Gentleman)	Vol 4799 Fol 136 Now Vol 4851 Fol 221
09.07.1948 (1948 to 1973)	Industrial Securities Pty Limited	Vol 4851 Fol 221
20.08.1973 (1973 to 1980)	Yoxlai Pty Ltd	Vol 4851 Fol 221
16.07.1980 (1980 to 1987)	Rolex Pty. Limited	Vol 4851 Fol 221
28.10.1987 (1987 to 1992)	Boucon Pty Limited	Vol 4851 Fol 221
09.01.1992 (1992 to 1997)	Kenview Holdings Pty Limited (In Liquidation)	Vol 4851 Fol 221 Now Auto Consol 4851-221
22.04.1997 (1997 to 1997)	Joseph Leon Berger Anette Berger Louis Wilfred Quijarro	Auto Consol 4851-221
17.07.1997 (1997 to 1997)	Prudent Security Investments Pty Ltd B & B Holdings Pty Limited	Auto Consol 4851-221
05.09.1997 (1997 to 1999)	Sherlock Homes Pty Limited	Auto Consol 4851-221 Now 1/1002798

**ABN: 42 166 543 255**  
**Ph: 02 9099 7400**  
**Fax: 02 9232 7141**  
(Ph: 0412 199 304)

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

**Search as regard part tinted blue on attached Cadastre**

<b><u>Date of Acquisition and term held</u></b>	<b><u>Registered Proprietor(s) &amp; Occupations where available</u></b>	<b><u>Reference to Title at Acquisition and sale</u></b>
02.12.1865 (1865 to 1938)	William Matthew Hutchinson Gibbons (Gentleman) & his deceased estate	Book 96 No. 279 Now Vol 4799 Fol 136
69.09.1935 (1935 to 1938)	John Hunter Stephenson (Solicitor now Chartered Accountant) The Union Trustee Company of Australia Limited (Trustees of the will of William Matthew Hutchinson Gibbons)	Book 1730 No. 298 (Appointment of New Trustees) Now Vol 4799 Fol 136
05.04.1938 (1938 to 1951)	Gloria Massey-Mee (Married Woman)	Vol 4799 Fol 136 Now Vol 4958 Fol 34
17.04.1951 (1951 to 1955)	Carl Paul Felske (Engineer) & his deceased estate	Vol 4958 Fol 34
20.12.1955 (1955 to 1990)	Pneumatic Tool and Engineering Co. Pty. Limited.	Vol 4958 Fol 34 Now 31/522349
14.11.1990 (1990 to 1997)	Joo Pum Kim Hyeong Joo Kim Dong Hun Choi Ce Cilia Choi	31/522349
17.07.1997 (1997 to 1997)	Joseph Leon Berger Anette Berger Louis Wilfred Quijarro	31/522349
17.07.1997 (1997 to 1997)	Prudent Security Investments Pty Ltd B & B Holdings Pty Limited	31/522349
05.09.1997 (1997 to 1999)	Sherlock Homes Pty Limited	31/522349 Now 1/1002798

**Continued as regards the whole of the subject land**

<b><u>Date of Acquisition and term held</u></b>	<b><u>Registered Proprietor(s) &amp; Occupations where available</u></b>	<b><u>Reference to Title at Acquisition and sale</u></b>
24.06.1999	Registration of Strata Plan No. 60485	
	Search Continued as regards the Common Property areas	
24.06.1999 (1999 to Date)	# The Owners – Strata Plan No. 60485	CP/SP60485

**# Denotes Current Registered Proprietor**

**Easements: -**

- 18.02.1962 (J94569) – Easement for Drainage 6 feet wide – released K517971
- 25.01.1967 (K569123 & D.P. 522349) – Easement to Drain Water 6ft. wide

**Leases: -**

- 10.02.1984 (T822486) – Jolly Good Foods Pty Limited – expired 28.10.1987 – (part tinted green on attached Cadastre)
- 14.08.1989 (Y530478) – Gourmet Goodies Pty Limited – expired or surrendered 09.02.1992 – (part tinted green on attached Cadastre)

Yours Sincerely  
James McDonnell  
3 November 2017

**Email: james.mcdonnell@scottashwood.com**

Locality : REDFERN

# Cadastral Records Enquiry Report

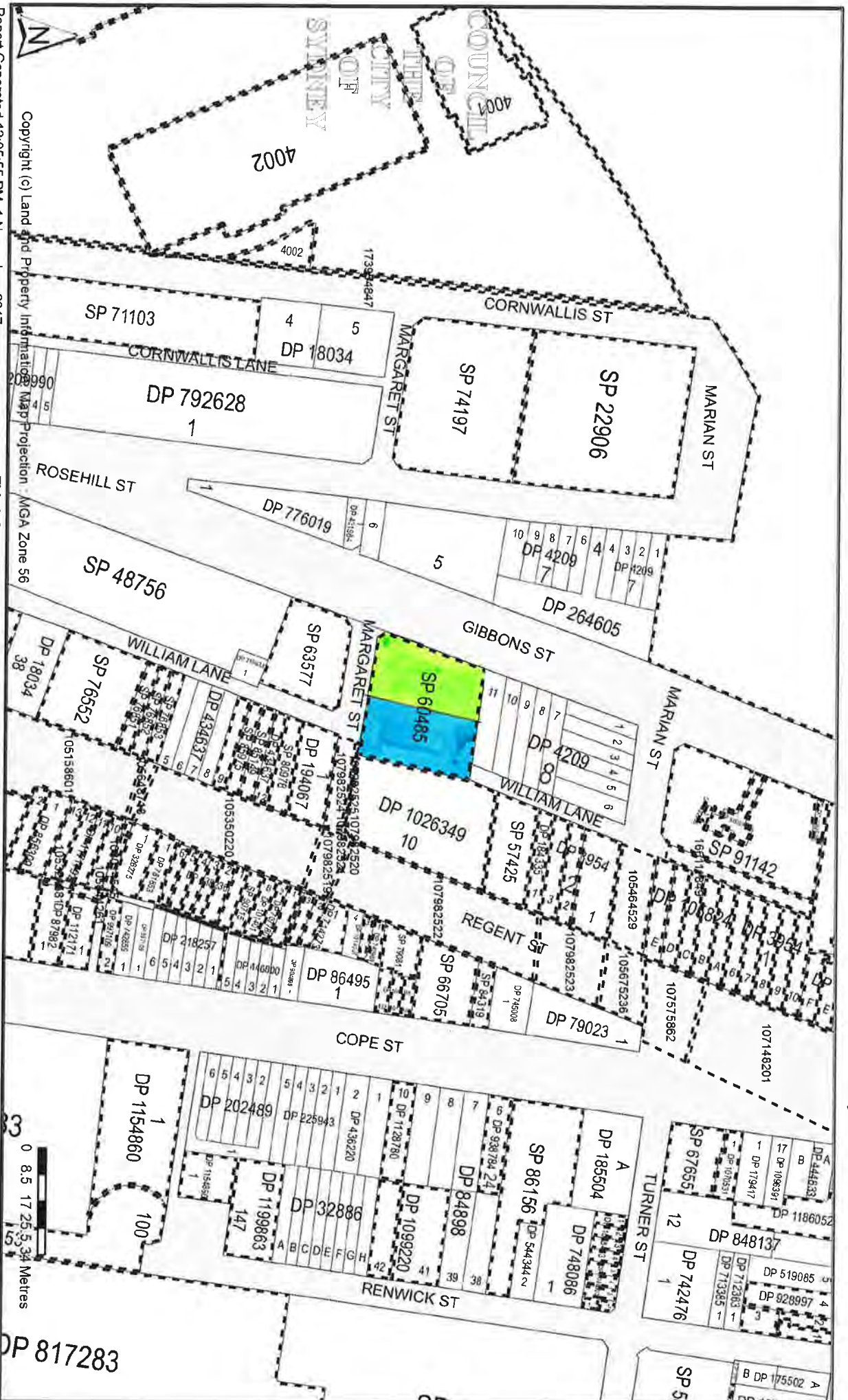
Requested Parcel : SP 60485

LGA : SYDNEY

Parish : ALEXANDRIA

Identified Parcel : SP 60485

County : CUMBERLAND



Copyright (c) Land and Property Information Map Projection : MGA Zone 56



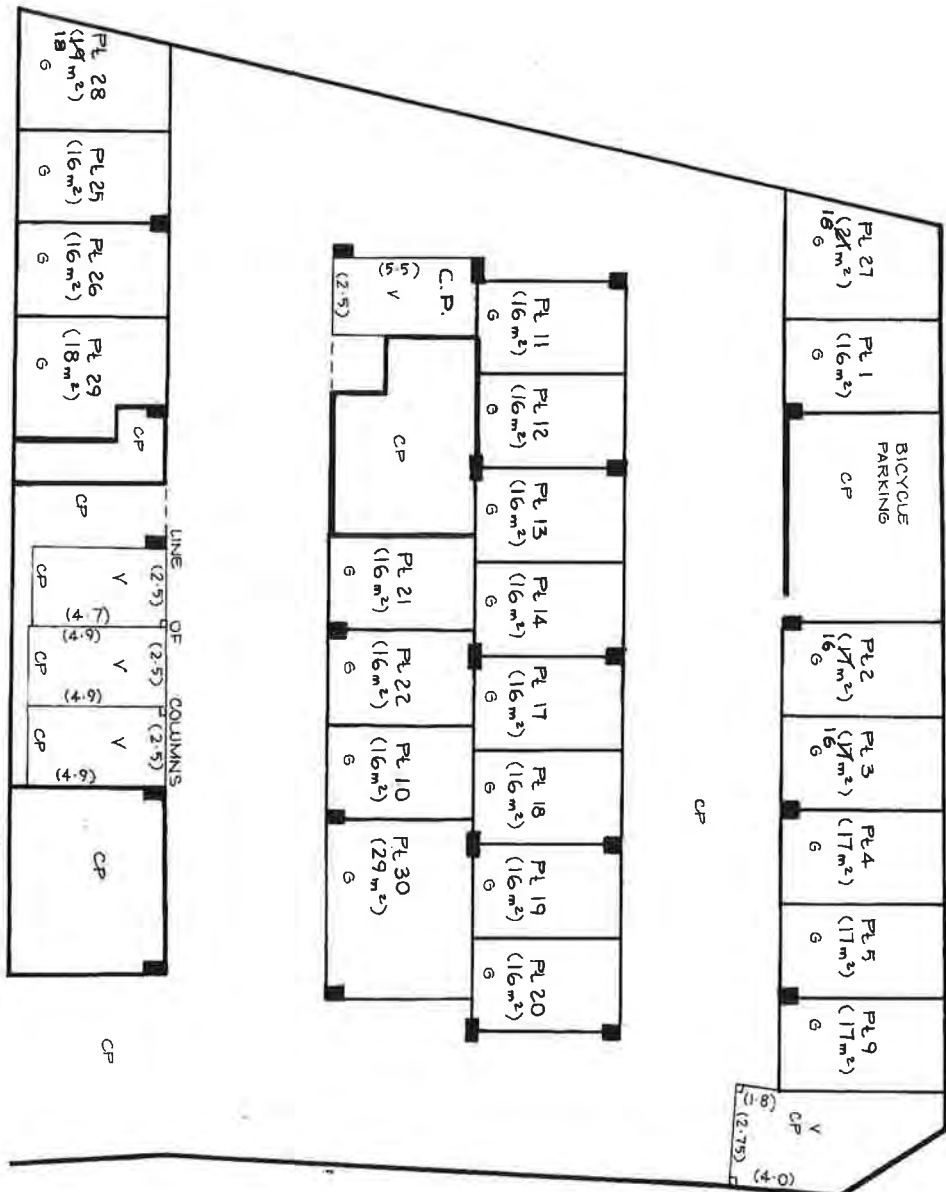
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FORM 2

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION

Sheet No. 2 of 7 Sheets

SP60485



BASEMENT - (GARAGES)

Reduction Ratio 1: 150

Lengths are in metres

Surveyor Registered under Surveyors Act 1929  
 SURVEYORS REFERENCE 5340

General Manager/In-charge Person

G - DENOTES GARAGE  
 V - DENOTES VISITORS PARKING  
 CP - DENOTES COMMON PROPERTY

NOTE: AREAS ARE APPROXIMATE



\*OFFICE USE ONLY

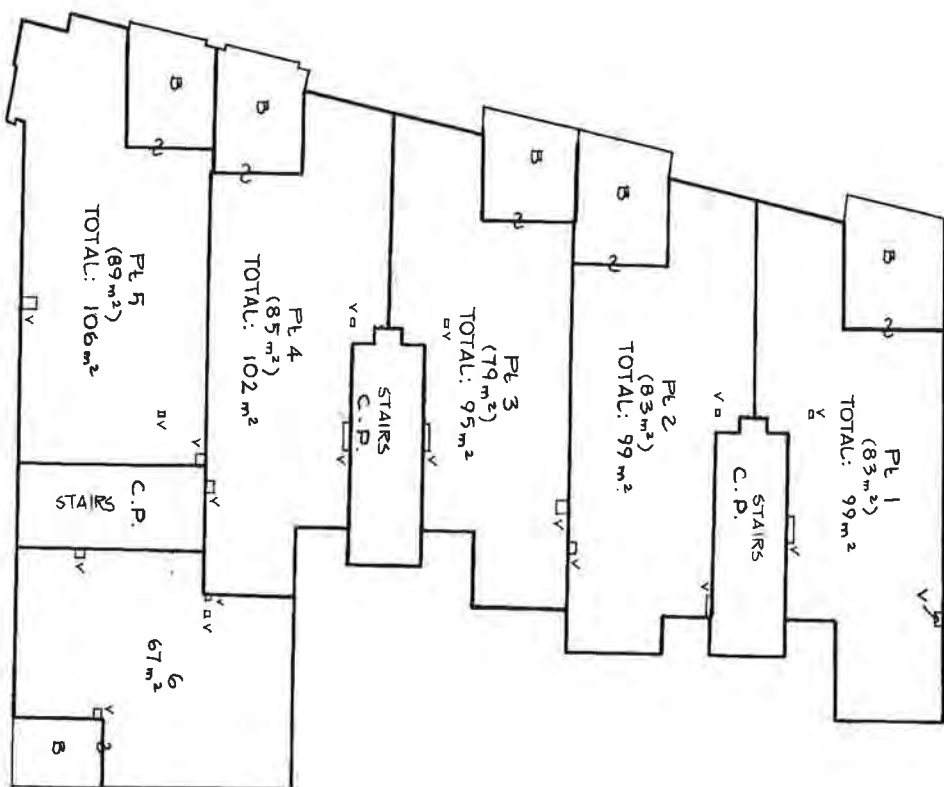
FORM 2

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION

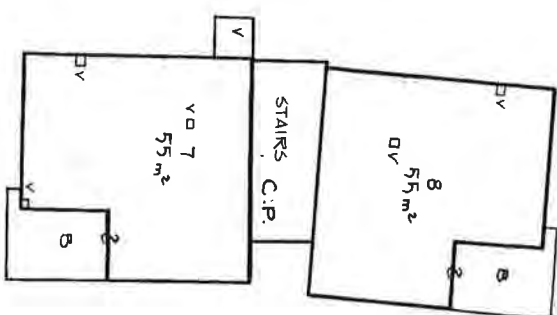
Sheet No 3 of 7 Sheets

SP60485

B - DENOTES BALCONY LIMITED IN HEIGHT TO 2.4 ABOVE THE UPPER SURFACE OF THE CONCRETE FLOOR THEREOF EXCEPT WHERE COVERED  
 V - DENOTES VOID (COMMON PROPERTY)



FIRST FLOOR



NOTE: AREAS ARE APPROXIMATE

Reduction Ratio 1: 150

Lengths are in metres

Surveyor Registered under Surveyors Act 1929  
 SURVEYOR'S REFERENCE: 7340  
 General Manager/Authorized Person

\*OFFICE USE ONLY

**WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION**

Sheet No	of	Total	Character
1	1	1	1

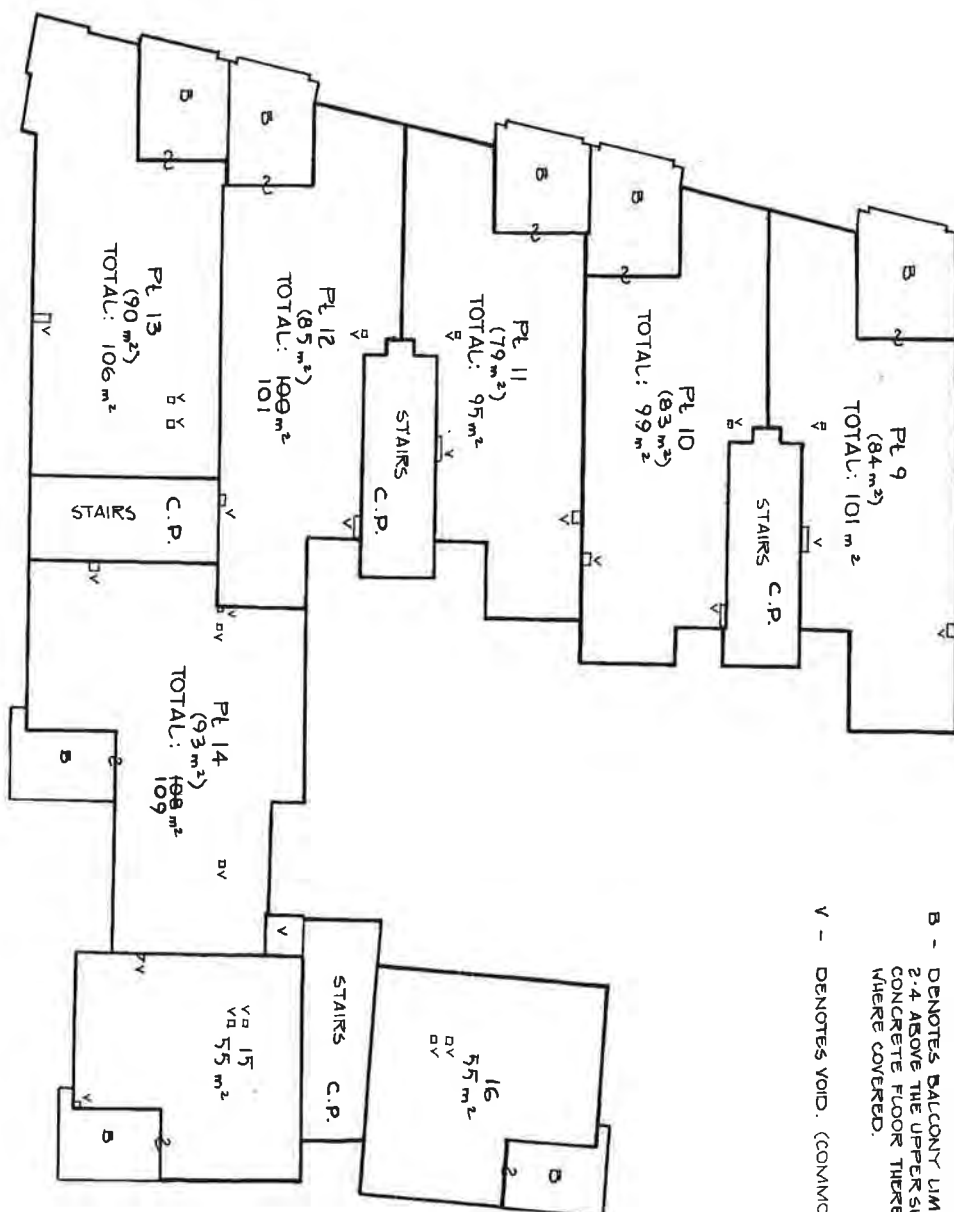
4 of 7

STF

SP60485

B - DENOTES BALCONY LIMITED IN HEIGHT TO 2.4 ABOVE THE UPPER SURFACE OF THE CONCRETE FLOOR THEREOF EXCEPT WHERE COVERED.

$\forall$  - DENOTES VOID. (COMMON PROPERTY)



NOTE: AREAS ARE APPROXIMATE

SECOND FLOOR

Reduction Ratio 1: 150

**Lengths are in metres**

Surveyor Registered under Surveyors Act 1929

SURVEYOR'S REFERENCE: 5340

General Manager/Authorized Person

\*OFFICE USE ONLY



FORM 2

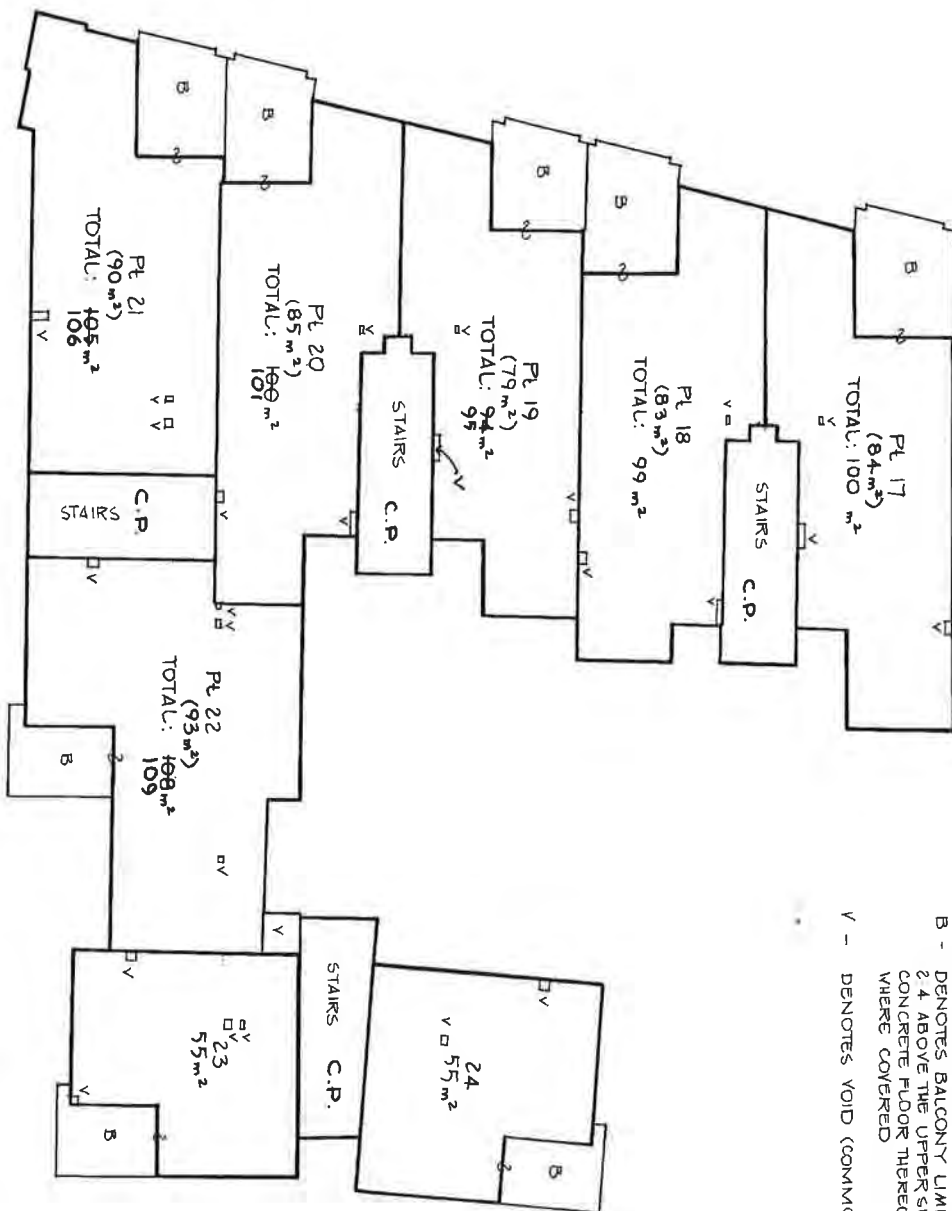
WARNING: CREASING OR FOLDING WILL LEAD TO P

SP60485

STRATA PLAN

Sheet No 5 of 7 Sheets

- B - DENOTES BALCONY LIMITED IN HEIGHT TO 2.4 ABOVE THE UPPER SURFACE OF THE CONCRETE FLOOR THEREOF EXCEPT WHERE COVERED  
V - DENOTES VOID (COMMON PROPERTY)



THIRD FLOOR

Reduction Ratio 1:150

Lengths are in metres

NOTE: AREAS ARE APPROXIMATE

B.S.N. 28.4.1999  
Surveyor Registered under Surveyors Act 1928  
SURVEYOR'S REFERENCE: 5340

Surveyor's Reference: 5340



\*OFFICE USE ONLY

FORM 2

WARNING: CREASING OR FOLDING WILL LEAD TO R

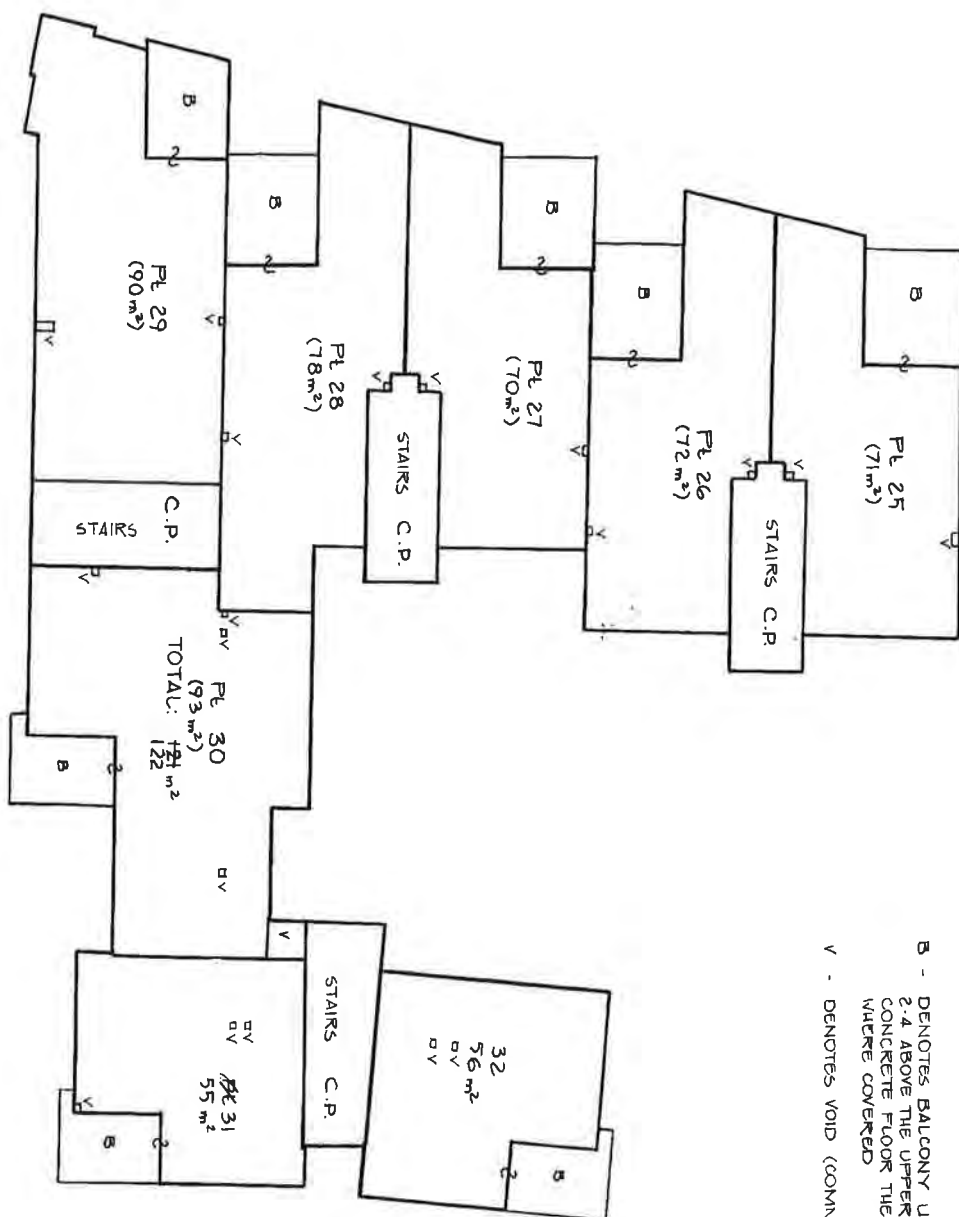
SP60485

STRATA PLAN

Sheet No. 6 of 7 Sheets

B - DENOTES BALCONY LIMITED IN HEIGHT TO 2.4 ABOVE THE UPPER SURFACE OF THE CONCRETE FLOOR THEREOF EXCEPT WHERE COVERED  
 V - DENOTES VOID (COMMON PROPERTY)

FOURTH FLOOR



TOTAL: 124 m²  
 122

Reduction Ratio 1: 150

Lengths are in metres

Surveyor Registered under Surveyors Act 1929  
 SURVEYORS REFERENCE: 5340

General Manager/Authorised Person

NOTE: AREAS ARE APPROXIMATE



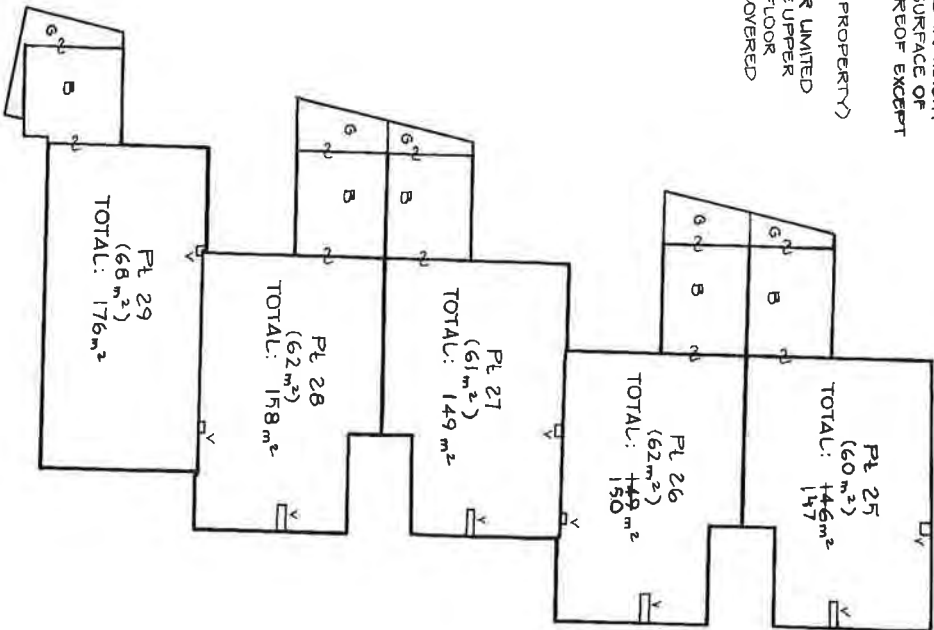
\*OFFICE USE ONLY

FORM 2

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION

Sheet No. 7 of 7 Sheets

TO ENGINEER'S SATISFACTION LIMITED IN HEIGHT  
 TO 2.4 ABOVE THE UPPER SURFACE OF  
 THE CONCRETE FLOOR THEREOF EXCEPT  
 WHERE COVERED  
 V - DENOTES VOID (COMMON PROPERTY)  
 9 - DENOTES GARDEN PLANTER LIMITED  
 TO 2.4 ABOVE THE UPPER  
 SURFACE OF THE CONCRETE FLOOR  
 THEREOF EXCEPT WHERE COVERED



LOT NO	SCHEDULE OF UNIT ENTITLEMENT
1	24
2	29
3	28
4	29
5	29
6	23
7	22
8	23
9	31
10	30
11	29
12	30
13	31
14	32
15	22
16	23
17	32
18	33
19	30
20	32
21	31
22	33
23	24
24	24
25	46
26	47
27	46
28	48
29	56
30	34
31	25
32	24
AGGREGATE: 1000	

SP60485




Reduction Ratio 1: 150  
 Surveyor Registered under Surveyors Act 1929  
 SURVEYOR'S REFERENCE: 5340

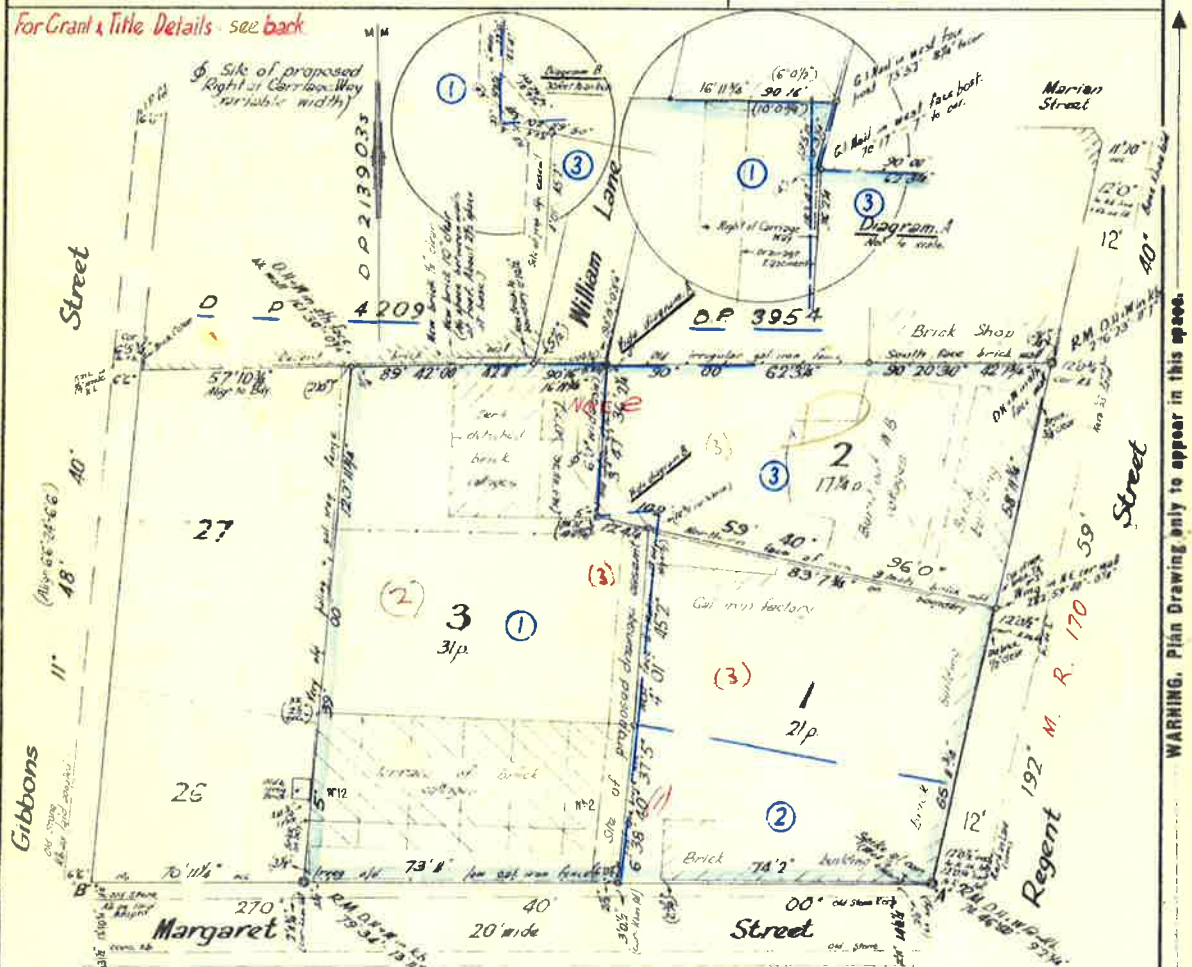
Lengths are in metres

General Manager/Authorized Person

\*OFFICE USE ONLY

PLAN OF		CITY OF SOUTH SYDNEY		OFFICE USE ONLY	
		VIDE GAZ. 5-10-1968 FOL. 5234		65590	
Subdivision of lots 28, 29 & 30		in Deposited Plan 18034		Registered:  228-62	
1-1-1982 South Sydney City DP 11-60		The boundaries of the land comprised in this plan are shown by blue edging		C.A.: 12/1960 of 20/6/1960	
Municipality of Northcott		Areas as stated in this plan have not been checked in this Department		Title System: Torrens	
Municipality of Sydney				Purpose: Subdivision	
Town or Locality: Redfern				Ref. Map: SOUTH SYDNEY SH4 Redfern R. 11	
Parish of Alexandria				Last Plan: DP 18034	
County of Cumberland		Scale: 30 feet to 1 inch			

For Grant & Title Details: see back



WARNING. Plan Drawing only to appear in this space.

WARNING. Plan Drawing only to appear in this space.

For all signatures, seals and approvals see original linen plan.

Signatures, Seals and Statements of Dedications and Easements.	
<p>It is intended to create a Right of Carriage Way (as width) over part of lot 3 in favour of lot 2.</p> <p>It is intended to create a Drainage Easement 6 feet wide over parts of lots 2 &amp; 3 in favour of the Council of the City of Sydney</p> <p><i>[Signature]</i> Acting Town Clerk</p> <p><i>[Signature]</i> Lord Mayor</p>	<p>I, William Laversack, Rein</p> <p>of Campbell Laversack &amp; Rein, 129, Pitt St., Sydney...</p> <p>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 1.11.1960.</p> <p>Signature <i>[Signature]</i></p> <p>Surveyor registered under Surveyors Act, 1929 as amended.</p> <p>Datum Line of Azimuth: 1-0.</p> <p>Approved by Council. I hereby certify that the requirements of the Local Government Act, 1919 (other than the requirements for registration of plans), have been complied with by the applicant in relation to the proposed subdivision and/or new roads set out herein.</p> <p>Subdivision No 12/1960 Date 20th June, 1960</p> <p>Town Council Clerk</p>

M.P.D.

Chgs. 1985 5.10.62

Exmd. RA 5.10.62

\* Strike out either (1) or (2).

† Insert date of survey.



306312 DP

APP 32514 P195ac gtd to William Chippendale, on 31<sup>st</sup> August 1819

- ① Vol 4958 Fol. 34
- ② Vol 4958 Fol. 35
- ③ Vol 5230 Fol. 221

For current reference to title for lots see Schedule

Schedule of Title References			
Lot	Vol.	Fol.	Subdivision
1	9266-	87	
2	9266-	88	
3	9266-	89	

NOTES

No.	Lot	Particulars
1	1026349	DP 8522349-Sur.
2	1026349	DP 1002798 (Lot 1)-now SP 60485
3	1026349	DP 1026349 (Lot 10)

DP 213903

DP 213903

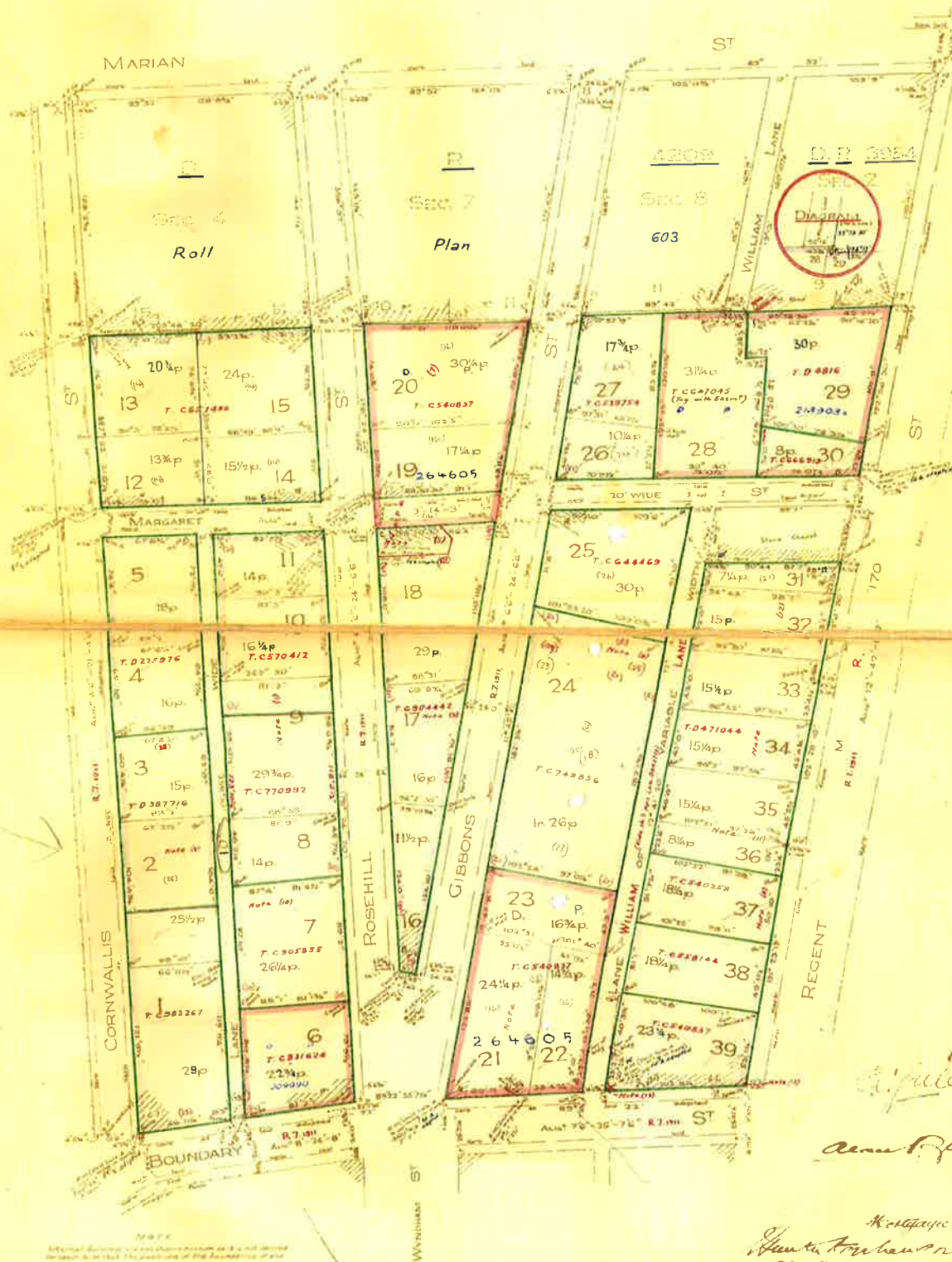
DP 213903

D.P. 18034

PARISH OF ALEXANDRIA COUNTY OF CUMBERLAND



27140



Approved &amp; Dated in Council Clerk's Certificate

 $N_2$   $\epsilon$ 

2 — 18<sup>th</sup> February 1937

Upper End of Specimen 4.3

[illegible]

(Signature) *L. A. [illegible]*

Subscribed and declared before me at Sydney

This 2<sup>nd</sup> day of March A.D. 1937.

Edw. Hutton 47

App<sup>n</sup> 32514 Pys 95 ac G to William Chippendale 31<sup>st</sup> Aug 1819  
 Vo. 4799 Fo. 136

NOTES

No.	Leaf	Description
(1)	2	W. S. 1818/1819 No. 1222/1223
(2)	28	For the 1 <sup>st</sup> volume of the 1 <sup>st</sup> series of the 1 <sup>st</sup> series
(3)	107	W. S. 1818/1819 No. 1222/1223
(4)	108	W. S. 1818/1819 No. 1222/1223
(5)	109	W. S. 1818/1819 No. 1222/1223
(6)	110	W. S. 1818/1819 No. 1222/1223
(7)	111	W. S. 1818/1819 No. 1222/1223
(8)	112	W. S. 1818/1819 No. 1222/1223
(9)	113	W. S. 1818/1819 No. 1222/1223
(10)	114	W. S. 1818/1819 No. 1222/1223
(11)	115	W. S. 1818/1819 No. 1222/1223
(12)	116	W. S. 1818/1819 No. 1222/1223
(13)	117	W. S. 1818/1819 No. 1222/1223
(14)	118	W. S. 1818/1819 No. 1222/1223
(15)	119	W. S. 1818/1819 No. 1222/1223
(16)	120	W. S. 1818/1819 No. 1222/1223
(17)	121	W. S. 1818/1819 No. 1222/1223
(18)	122	W. S. 1818/1819 No. 1222/1223
(19)	123	W. S. 1818/1819 No. 1222/1223
(20)	124	W. S. 1818/1819 No. 1222/1223
(21)	125	W. S. 1818/1819 No. 1222/1223
(22)	126	W. S. 1818/1819 No. 1222/1223
(23)	127	W. S. 1818/1819 No. 1222/1223
(24)	128	W. S. 1818/1819 No. 1222/1223
(25)	129	W. S. 1818/1819 No. 1222/1223
(26)	130	W. S. 1818/1819 No. 1222/1223
(27)	131	W. S. 1818/1819 No. 1222/1223
(28)	132	W. S. 1818/1819 No. 1222/1223
(29)	133	W. S. 1818/1819 No. 1222/1223
(30)	134	W. S. 1818/1819 No. 1222/1223
(31)	135	W. S. 1818/1819 No. 1222/1223
(32)	136	W. S. 1818/1819 No. 1222/1223
(33)	137	W. S. 1818/1819 No. 1222/1223
(34)	138	W. S. 1818/1819 No. 1222/1223
(35)	139	W. S. 1818/1819 No. 1222/1223
(36)	140	W. S. 1818/1819 No. 1222/1223
(37)	141	W. S. 1818/1819 No. 1222/1223
(38)	142	W. S. 1818/1819 No. 1222/1223
(39)	143	W. S. 1818/1819 No. 1222/1223
(40)	144	W. S. 1818/1819 No. 1222/1223
(41)	145	W. S. 1818/1819 No. 1222/1223
(42)	146	W. S. 1818/1819 No. 1222/1223
(43)	147	W. S. 1818/1819 No. 1222/1223
(44)	148	W. S. 1818/1819 No. 1222/1223
(45)	149	W. S. 1818/1819 No. 1222/1223
(46)	150	W. S. 1818/1819 No. 1222/1223
(47)	151	W. S. 1818/1819 No. 1222/1223
(48)	152	W. S. 1818/1819 No. 1222/1223
(49)	153	W. S. 1818/1819 No. 1222/1223
(50)	154	W. S. 1818/1819 No. 1222/1223
(51)	155	W. S. 1818/1819 No. 1222/1223
(52)	156	W. S. 1818/1819 No. 1222/1223
(53)	157	W. S. 1818/1819 No. 1222/1223
(54)	158	W. S. 1818/1819 No. 1222/1223
(55)	159	W. S. 1818/1819 No. 1222/1223
(56)	160	W. S. 1818/1819 No. 1222/1223
(57)	161	W. S. 1818/1819 No. 1222/1223
(58)	162	W. S. 1818/1819 No. 1222/1223
(59)	163	W. S. 1818/1819 No. 1222/1223
(60)	164	W. S. 1818/1819 No. 1222/1223
(61)	165	W. S. 1818/1819 No. 1222/1223
(62)	166	W. S. 1818/1819 No. 1222/1223
(63)	167	W. S. 1818/1819 No. 1222/1223
(64)	168	W. S. 1818/1819 No. 1222/1223
(65)	169	W. S. 1818/1819 No. 1222/1223
(66)	170	W. S. 1818/1819 No. 1222/1223
(67)	171	W. S. 1818/1819 No. 1222/1223
(68)	172	W. S. 1818/1819 No. 1222/1223
(69)	173	W. S. 1818/1819 No. 1222/1223
(70)	174	W. S. 1818/1819 No. 1222/1223
(71)	175	W. S. 1818/1819 No. 1222/1223
(72)	176	W. S. 1818/1819 No. 1222/1223
(73)	177	W. S. 1818/1819 No. 1222/1223
(74)	178	W. S. 1818/1819 No. 1222/1223
(75)	179	W. S. 1818/1819 No. 1222/1223
(76)	180	W. S. 1818/1819 No. 1222/1223
(77)	181	W. S. 1818/1819 No. 1222/1223
(78)	182	W. S. 1818/1819 No. 1222/1223
(79)	183	W. S. 1818/1819 No. 1222/1223
(80)	184	W. S. 1818/1819 No. 1222/1223
(81)	185	W. S. 1818/1819 No. 1222/1223
(82)	186	W. S. 1818/1819 No. 1222/1223
(83)	187	W. S. 1818/1819 No. 1222/1223
(84)	188	W. S. 1818/1819 No. 1222/1223
(85)	189	W. S. 1818/1819 No. 1222/1223
(86)	190	W. S. 1818/1819 No. 1222/1223
(87)	191	W. S. 1818/1819 No. 1222/1223
(88)	192	W. S. 1818/1819 No. 1222/1223
(89)	193	W. S. 1818/1819 No. 1222/1223
(90)	194	W. S. 1818/1819 No. 1222/1223
(91)	195	W. S. 1818/1819 No. 1222/1223
(92)	196	W. S. 1818/1819 No. 1222/1223
(93)	197	W. S. 1818/1819 No. 1222/1223
(94)	198	W. S. 1818/1819 No. 1222/1223
(95)	199	W. S. 1818/1819 No. 1222/1223
(96)	200	W. S. 1818/1819 No. 1222/1223
(97)	201	W. S. 1818/1819 No. 1222/1223
(98)	202	W. S. 1818/1819 No. 1222/1223
(99)	203	W. S. 1818/1819 No. 1222/1223
(100)	204	W. S. 1818/1819 No. 1222/1223

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

-----

SEARCH DATE

-----

1/11/2017 3:34PM

FOLIO: AUTO CONSOL 4851-221

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Recorded	Number	Type of Instrument	C.T. Issue
-----	-----	-----	-----
6/2/1992		CONSOL HISTORY RECORD CREATED FOR AUTO CONSOL 4851-221	
		PARCELS IN CONSOL ARE: 26-27/18034.	
10/2/1992	E248250	DEPARTMENTAL DEALING	EDITION 1
7/4/1992	E374301	MORTGAGE	EDITION 2
30/5/1996	2197434	CAVEAT	
13/11/1996	2610392	CAVEAT	
26/11/1996	2642412	CAVEAT	
2/12/1996	2646545	TRANSFER OF MORTGAGE	EDITION 3
22/4/1997	2980668	WITHDRAWAL OF CAVEAT	
22/4/1997	2980669	WITHDRAWAL OF CAVEAT	
22/4/1997	2980670	DISCHARGE OF MORTGAGE	
22/4/1997	2980671	DISCHARGE OF MORTGAGE	
22/4/1997	2980672	TRANSFER	EDITION 4
23/4/1997	2980673	MORTGAGE	EDITION 5
17/7/1997	3243414	DISCHARGE OF MORTGAGE	
17/7/1997	3243417	MORTGAGE	EDITION 6
24/7/1997	3264615	DEPARTMENTAL DEALING	
31/7/1997	3284985	DEPARTMENTAL DEALING	EDITION 7
5/9/1997	3386778	DISCHARGE OF MORTGAGE	
5/9/1997	3386779	TRANSFER	
5/9/1997	3386780	MORTGAGE	EDITION 8
21/6/1999	DP1002798	DEPOSITED PLAN	FOLIO CANCELLED RESIDUE REMAINS

\*\*\* END OF SEARCH \*\*\*

Redfern

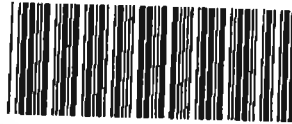
PRINTED ON 1/11/2017





# TRANSFEE

Real Property Act, 1900



2980672 A

only

00\*2\*

N.S.W. STAMP DUTY

130397 9604 04 401929730/01

(A) **LAND TRANSFERRED**

Show no more than 20 References to Title.  
If appropriate, specify the share transferred.

AUTO CONSOL 4851-221

(B) **LODGED BY**

L.T.O. Box

240

Name, Address or DX and Telephone

C78

REFERENCE (max. 15 characters):

426724-1097

(C) **TRANSFEROR**

KENVIEW HOLDINGS PTY LIMITED (IN LIQUIDATION)  
ACN 053 084 094.

\$850,000.00

(D) acknowledges receipt of the consideration of

and as regards the land specified above transfers to the Transferee an estate in fee simple

(E) subject to the following **ENCUMBRANCES**

1.

2.

OFF X 2610392

(F) **TRANSFEE**

T  
TS  
(s713 LGA)  
TW  
(Sheriff)

JOSEPH LEON BERGER and ANNETTE BERGER as joint tenants  
as to a one half share as tenant in common with  
LOUIS WILFRED QUIJARRO as to the remaining one half  
**TENANCY:** share,

(H) We certify this dealing correct for the purposes of the Real Property Act, 1900.

DATED 15th April 1997

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

Signature of Witness

GRAHAM KELVIN STEPHENSON  
Name of Witness (BLOCK LETTERS)

48 BAY VIEW AVE, EAST GOSFORD  
Address of Witness

M.W. Pringle  
Signature of Transferor

RECEIVED & MANAGED  
KENVIEW Holdings Pty Limited

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

Signature of Witness

MERRYL KAY ROBSON  
Name of Witness (BLOCK LETTERS)

15/16-20 Australia Street, Camperdown  
Address of Witness  
2050

J. W. Quijaro  
Signature of Transferee

INSTRUCTIONS FOR FILLING OUT THIS FORM ARE AVAILABLE FROM THE LAND TITLES OFFICE

CHECKED BY (office use only)

20  
0

**THIS IS THE ANNEXURE REFERRED TO IN THE TRANSFER**

**BETWEEN:**

**KENVIEW HOLDINGS PTY LIMITED (IN LIQUIDATION) ACN 053 084 094**

**AND:**

**JOSEPH LEON BERGER, ANNETTE BERGER AND LOUIS WILFRED QUIJARRO**

**DATED            APRIL 1997**

**SIGNED** for and on behalf of KENVIEW )  
HOLDINGS PTY LIMITED (IN )  
LIQUIDATION) by its duly appointed )  
liquidator in the presence of: )

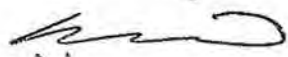
..... )  
Signature of witness )

JULIE O. NETLETON..... )  
Name of witness (block letters) )

1 MARKET STREET, SYDNEY..... )  
Address of witness )

ACCOUNTANT..... )  
Occupation of witness )

  
P. G. WESTON - LIQUIDATOR

  
.....  
Signature K. A. SHIRLAW - LIQUIDATOR

**SIGNED** for and on behalf of KENVIEW )  
HOLDINGS PTY LIMITED (IN )  
LIQUIDATION) by its duly appointed )  
receiver in the presence of: )

..... )  
Signature of witness )

..... )  
Name of witness (block letters) )

..... )  
Address of witness )

..... )  
Occupation of witness )

.....  
Signature

# TRANSFER

Real Property Act, 1900



3243416 H



Office of State Revenue use only

00121 10/120002102 40 1292 16/05/1

(A) **LAND TRANSFERRED**

Show no more than 20 References to Title.  
If appropriate, specify the share transferred.

FOLIO IDENTIFIER 31/522394 & Auto Consol 4851-221

31/522349



(B) **LODGED BY**

L.O. Box  
918P

Name, Address or BX and Tel. no.

WILLIS & BOWRING

Solicitors

575 Kingsway, Miranda 2228

DX 11017, CARINGBAH

Tel: (02) 9525 8100

RT:BQ:974646

REFERENCE (max. 15 characters):

(C) **TRANSFEROR**

JOSEPH LEON BERGER & ANNETTE BERGER and LOUIS WILFRED QUIJARRO

(D) acknowledges receipt of the consideration of ..\$2,375,000.00.

and as regards the land specified above transfers to the Transferee an estate in fee simple

(E) subject to the following **ENCUMBRANCES**

1. .... 2. .... 3. ....

(F) **TRANSFEE**

T  
TS  
(s713 LGA)  
TW  
(Sheriff)

PRUDENT SECURITY INVESTMENTS PTY LTD A.C.N. 000 920 543  
and B & B HOLDINGS PTY LIMITED ACN 000 636 671 of 14/8  
Boorima Place Cronulla

(G)

**TENANCY:**

as tenants in common in equal shares

(H) We certify this dealing correct for the purposes of the Real Property Act, 1900.

DATED 26<sup>th</sup> June 1997

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

*[Signature]*

Signature of Witness

MERYL KAY ROSSON

Name of Witness (BLOCK LETTERS)

15/16-22 Australia Street CAMBERWELL

Address of Witness

*[Signature]*  
L. W. Quijarro  
*[Signature]*

Signature of Transferor

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

Signature of Witness

Name of Witness (BLOCK LETTERS)

Address of Witness

*[Signature]*

Ron Tosolini, Solicitor for Transferee

INSTRUCTIONS FOR FILLING OUT THIS FORM ARE AVAILABLE FROM THE LAND TITLES OFFICE

CHECKED BY (office use only)



# TRANSFER

Real Property Act, 1900



3386779 T

Office of

00\*2\*

ALND JHVE "M-S-N

## (A) LAND TRANSFERRED

Show no more than 20 References to Title.  
If appropriate, specify the share transferred.

Folio Identifier 31/522349 & Auto Consol 4851-221 31/522349	OFFICE OF STATE REVENUE (N.S.W. TREASURY) 16/08/97 ALLOCATION NOTED
--	--

## (B) LODGED BY

L.T.O. Box L658	Name, Address or DX and Telephone National Australia Bank Limited A.C.N. 004 044 937 Securities & Legal Services N.S.W. 6000 REFERENCE (max. 15 characters) PS2003
--------------------	--

## (C) TRANSFEROR

PRUDENT SECURITY INVESTMENTS PTY LIMITED and B  
& B HOLDINGS PTY LIMITED Acn 000 920 543  
Acn 000 636 671

(D) acknowledges receipt of the consideration of \$3,200,000.00  
and as regards the land specified above transfers to the Transferee an estate in fee simple

(E) subject to the following ENCUMBRANCES 1. Nil 2. 3.

## (F) TRANSFEE

T TS (s713 LGA) TW (Sheriff)	SHERLOCK HOMES PTY LIMITED (ACN 008 562 801) TENANCY.
--	--

(G) We certify this dealing correct for the purposes of the Real Property Act, 1900. DATED 22 August 1997  
Signed in my presence by the Transferor who is personally known to me.

Signature of Witness

Name of Witness (BLOCK LETTERS)

Address of Witness

Signature of Transferor

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

Signature of Witness

Name of Witness (BLOCK LETTERS)

Address of Witness

T.J. Barker  
(Solicitor for)

Signature of Transferee

INSTRUCTIONS FOR FILLING OUT THIS FORM ARE AVAILABLE FROM THE LAND TITLES OFFICE

CHECKED BY (office use only)



ANNEXURE

THE COMMON SEAL OF PRUDENT SECURITY  
INVESTMENTS PTY LIMITED A.C.N.000 920 543  
WAS HEREUNTO AFFIXED BY AUTHORITY OF THE  
BOARD OF DIRECTORS IN THE PRESENCE OF



*A. Martin*

.....  
AARON MARTIN  
Director

*Alfred J. Houghton*  
.....  
ALFRED JOHN HOUGHTON.  
Secretary

THE COMMON SEAL OF B & B HOLDINGS PTY  
LIMITED A.C.N. 000 636 671 WAS HEREUNTO  
AFFIXED BY AUTHORITY OF THE BOARD OF  
DIRECTORS IN THE PRESENCE OF



*Sandra Anne Bofinger*  
.....  
Director SANDRA ANNE BOFINGER

*R. J. Bofinger*  
.....  
Secretary  
RONALD JOHN BOFINGER

M  
NEW SOUTH WALES

(For Grant and title reference  
prior to first edition see  
Deposited Plan.)

CERTIFICATE OF TITLE  
PROPERTY ACT, 1900, as amended.



Vol. 89  
Fol. 89  
**CANCELLED**  
1st Edition issued 10-9-1962.

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.

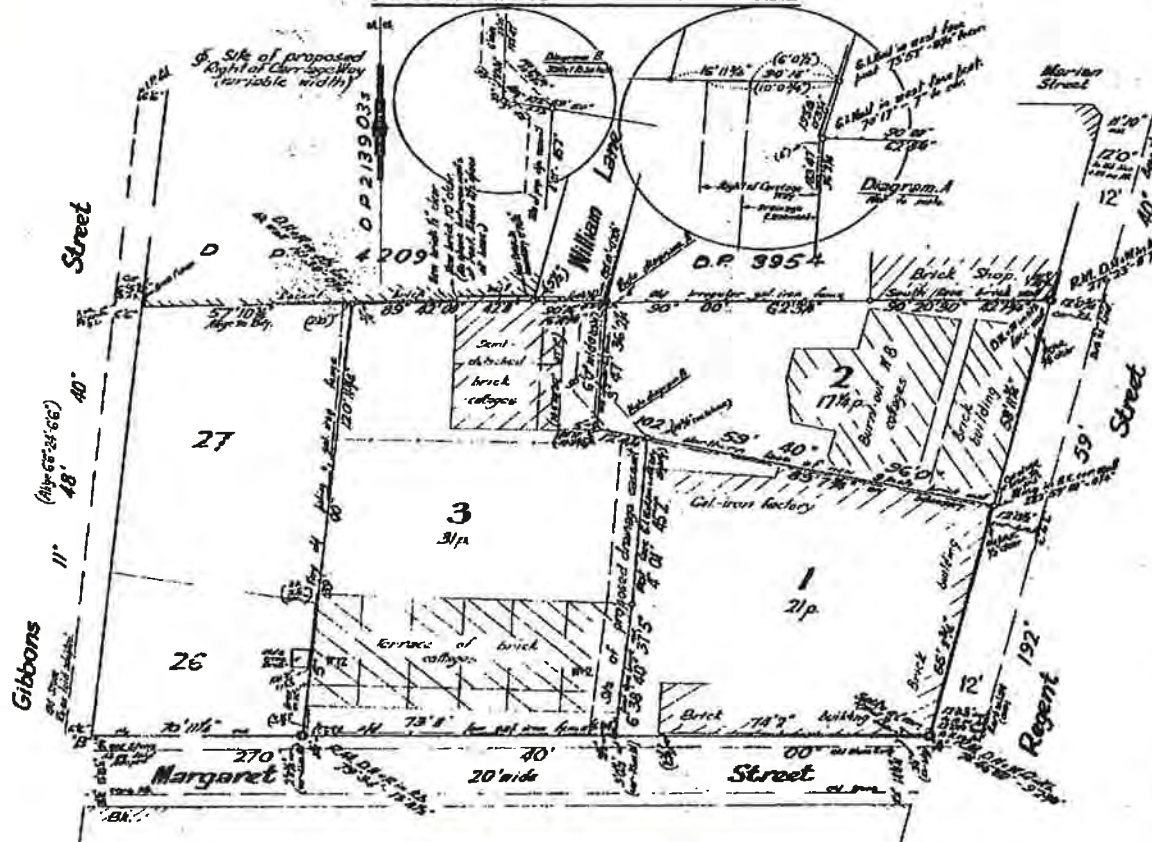
Witness

*R. Brown*

*Jawatson*  
Registrar-General.



PLAN SHOWING LOCATION OF LAND



ESTATE AND LAND REFERRED TO.

Estate in Fee Simple in Lot 3 in Deposited Plan 213903s at Redfern in the City of Sydney Parish of Alexandria and County of Cumberland.

FIRST SCHEDULE (Continued overleaf)

**PNEUMATIC TOOL AND ENGINEERING CO. PTY. LIMITED.**

*Jawatson*  
Registrar General.

SECOND SCHEDULE (Continued overleaf)

1. Reservations and conditions, if any, contained in the Crown Grant(s) referred to in the said Deposited Plan.
2. Mortgage No. G464344 to Bank of New South Wales. Entered 12-4-1956.

*Jawatson*  
Registrar General.


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

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

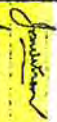

WARNING: THIS DOCUMENT MUST NOT BE REMOVED FROM THE LAND TITLES OFFICE.



**REGISTERED PROPRIETOR**

FIRST SCHEDULE (continued)				
REGISTERED PROPRIETOR	INSTRUMENT			ENTERED
	NATURE	NUMBER	DATE	
<p>This deed is cancelled as to <i>the whole</i></p> <p>New Certificates of Title have issued on <i>6-2-1967</i></p> <p>for lots in <i>Maplewood</i> Addition No. <i>5223 &amp; 7</i> as follows:-</p> <p>Lots <i>31 &amp; 32</i>, Vol. <i>10 &amp; 8</i> Fol. <i>242-2</i> respectively.</p> <p><i>Lawson</i></p> <p>REGISTERED</p> 				

**SECOND SCHEDULE (continued)**

SECOND SCHEDULE (continued)						
NATURE	INSTRUMENT NUMBER	DATE	PARTICULARS	ENTERED	Signature of Registrar-General	CANCELLATION
Transfer	594569	12-2-1967	Savings bank account (with amount of Rs. 100/-) opened by Mr. A. K. S. Srinivasan on 1st April 1967. The said instrument effecting withdrawal of interest during amount of Rs. 100/- above per line.	22-2-1967		Released K817971
Deposit	594569	12-2-1967	Interests created pursuant to Section 86B Compounding Act, 1967 by the registration of Deposited Plan S22349.	25-2-1967		H61165
			Amount of Rs. 100/- withdrawn by Mr. A. K. S. Srinivasan on 1st April 1967. The said instrument effecting withdrawal of interest during amount of Rs. 100/- above per line.			



M  
NEW SOUTH WALES

**CERTIFICATE OF TITLE**  
PROPERTY ACT, 1900, as amended.



10487

Vol. **10487** Fol. **249**

Application No.32514

Prior Title Vol.9266 Fol. 89



MA

Edition issued 6-2-1967

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

*J. Offshore*

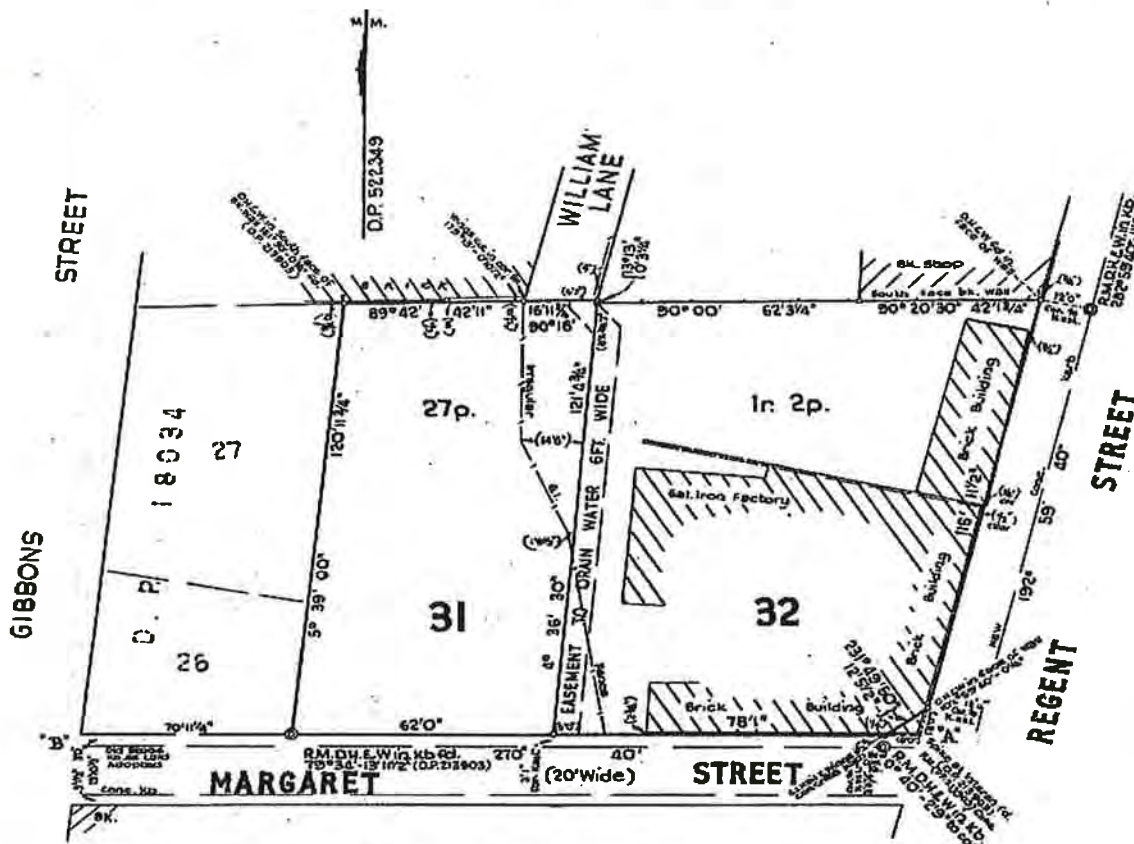
**CANCELLED**

Registrar-General.



SEE AUTO FOLIO

PLAN SHOWING LOCATION OF LAND



ESTATE AND LAND REFERRED TO

Estate in Fee Simple in Lot 31 in Deposited Plan 522349 at Redfern in the City of Sydney Parish of Alexandria and County of Cumberland being part of 95 acres granted to William Chippendale on 31-8-1819.

FIRST SCHEDULE (continued overleaf)

PNEUMATIC TOOL AND ENGINEERING CO. PTY. LIMITED.

SECOND SCHEDULE (continued overleaf)

1. Reservations and conditions, if any, contained in the Crown Grant above referred to.
2. Mortgage No. ~~6461311~~ to Bank of New South Wales Entered 12-4-1956. Discharged S992061
3. Easement to drain water affecting the part of the land above described shown in plan hereon as "Easement to drain water 6ft. wide" created by the registration of Deposited Plan 522349p See K569123.

*Jawatson*

Registrar General.

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

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.



11

INSTRUMENT	
NATURE	NUMBER

**Signature of  
Registrar-General**

**CANCELLED**

SEE AUDIO FOLIO

INSTRUMENT		
NATURE	NUMBER	DATE

ENTERED	Signature of Registrar-General
---------	--------------------------------

**CANCELLATION**

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

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

-----

SEARCH DATE

-----

1/11/2017 11:51AM

FOLIO: 31/522349

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First Title(s): SEE PRIOR TITLE(S)

Prior Title(s): VOL 10487 FOL 249

Recorded	Number	Type of Instrument	C.T. Issue
-----	-----	-----	-----
28/3/1988		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
28/6/1988		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
13/3/1989	Y234196	MORTGAGE	EDITION 1
14/11/1990	Z334770	DISCHARGE OF MORTGAGE	
14/11/1990	Z334771	TRANSFER	EDITION 2
26/5/1997		AMENDMENT: LOCAL GOVT AREA	
17/7/1997	3243415	TRANSFER	
17/7/1997	3243416	TRANSFER	
17/7/1997	3243417	MORTGAGE	EDITION 3
5/9/1997	3386778	DISCHARGE OF MORTGAGE	
5/9/1997	3386779	TRANSFER	
5/9/1997	3386780	MORTGAGE	EDITION 4
21/6/1999	DP1002798	DEPOSITED PLAN	FOLIO CANCELLED RESIDUE REMAINS
14/3/2004	AA472866	DEPARTMENTAL DEALING	

\*\*\* END OF SEARCH \*\*\*

Ref:Redfern /Src:M

RP 13  
1985

STAMP DUTY

2  
334771

## TRANSFER

REAL PROPERTY ACT, 1900

T

3	2 <sup>nd</sup>	2	X
\$	47		

R2/2

DESCRIPTION  
OF LAND  
Note (a)

Torrens Title Reference

If Part Only, Delete Whole and Give Details

Location

Folio Identifier  
31/522349

WHOLE

Redfern

TRANSFEROR  
Note (b)PNEUMATIC TOOL & ENGINEERING CO PTY LIMITEDESTATE  
Note (c)

(the abovenamed TRANSFEROR hereby acknowledges receipt of the consideration of \$ 590,000.00 and transfers an estate in fee simple in the land above described to the TRANSFEREE)

TRANSFEREE  
Note (d)

JOO PUM KIM and HYEONG JOO KIM as to one undivided half share as joint tenants and DON CHUN CHOI and CE CILIA CHOI as to the remaining undivided half share as joint tenants, all care of 10 Renwick Street, Alexandria as joint tenants/tenants in common

OFFICE USE ONLY

over

TENANCY  
Note (e)PRIOR  
ENCUMBRANCES  
Note (f)

subject to the following PRIOR ENCUMBRANCES 1.

DATE 26/10/90

EXECUTION  
Note (g)

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

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

The Common Seal of Pneumatic Tool and

Engineering Co. Pty. Limited was hereunto affixed by the order of the Board of

Directors and in the presence of:

Address and occupation of Witness

Note (g)

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

Signature of Witness

Name of Witness (BLOCK LETTERS)

Address and occupation of Witness

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

OFFICE USE ONLY

LODGED BY

CITYLINK

FOR

M Rogers

617E

Delivery Box Number

Checked

Passed

REGISTERED

-19

Signed

Extra Fee

14 NOV 1990

LOCATION OF DOCUMENTS

CT

OTHER

Herewith.

In L.T.O. with

Produced by

Secondary  
DirectionsDelivery  
DirectionsSolicitor for  
M S Rogers

\*1.00

031090 7107 04 001141220/03

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 by 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. 6514 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. 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 Chuliform. If the locality is not shown, insert the Parish and County, e.g., Ph. Lismore Co. Flous.

(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., "AS 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 whereabouts 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

L.O. 1341



FIRST SCHEDULE DIRECTIONS

(A) FOLIO IDENTIFIER	(B) DIRECTION	(C) NAME
	PROP	Joo Pum Kim and Hyeong Joo Kim as joint tenants in 1/2 share and Dong Hun Choi and Ce Cilia Choi as joint tenants in 1/2 share as tenants in common.
	CT	617E

SECOND SCHEDULE AND OTHER DIRECTIONS

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



Form number: 97-01T  
Licence number: 10V/0096/95  
Printed: 0596LTO

# TRANSFER

New South Wales  
Real Property Act 1900



3243415 K

Page 1 of .....

Office of State Revenue use only

00\*2\$

10/48962410 40 6024 262021  
130397 7309 04 401929684

- (A) **LAND TRANSFERRED**  
Show no more than 20 references to title.  
If appropriate, specify the share transferred.

FOLIO IDENTIFIER: 31/522349

- (B) **LODGED BY**

L.T.O. Box

918P

Name, Address or DX and Telephone

**WILLIS & BOWLING**  
SOLICITORS  
575 KINGS WAY  
MIRANDA NSW  
DX 11017 CARMARTHEN  
TEL: 9525 8111

REFERENCE (max. 15 characters):

- (C) **TRANSFEROR** ..... JOO PUM KIM and HYEONG JOO KIM and  
..... DONG HUN CHOI and CE CILIA CHOI  
(D) acknowledges receipt of the consideration of ...\$729,000.00.....  
and as regards the land specified above transfers to the Transferee an estate in fee simple  
(E) subject to the following **ENCUMBRANCES** 1. .... 2. .... 3. ....

- (F) **TRANSFEE**

**T**  
**TS**  
(s713 LGA)  
**TW**  
(Sheriff)

JOSEPH LEON BERGER and ANNETTE BERGER as joint tenant  
as to one half share as tenant in common with  
LOUIS WILFRED QUIJARRO as to the remaining half share

- (G) **TENANCY:**

- (H) We certify this dealing correct for the purposes of the Real Property Act 1900.  
Signed in my presence by the Transferor who is personally known to me.

DATE

26<sup>th</sup> June 1997

Signature of Witness  
*Michael S Rogers*  
Name of Witness (BLOCK LETTERS)

Address of Witness

Signature of Transferee

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

Signature of Witness

Name of Witness (BLOCK LETTERS)

Address of Witness

Signature of Transferee

NB: if applicable, indicate that the signatory is the transferee's solicitor and show the solicitor's full name in block letters.

A set of instructions for filling out this form is available from the Land Titles Office

Checked by (LTO use) .....

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

---

SEARCH DATE

---

1/11/2017 11:51AM

FOLIO: 1/1002798

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First Title(s): OLD SYSTEM

Prior Title(s): 31/522349

VOL 4851 FOL 221

Recorded	Number	Type of Instrument	C.T. Issue
21/6/1999	DP1002798	DEPOSITED PLAN	FOLIO CREATED CT NOT ISSUED
24/6/1999	SP60485	STRATA PLAN	FOLIO CANCELLED
14/3/2004	AA472866	DEPARTMENTAL DEALING	

\*\*\* END OF SEARCH \*\*\*

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

1/11/2017 11:51AM

FOLIO: CP/SP60485

First Title(s): OLD SYSTEM

Prior Title(s): 1/1002798

Recorded	Number	Type of Instrument	C.T. Issue
24/6/1999	SP60485	STRATA PLAN	FOLIO CREATED EDITION 1
14/3/2004	AA472866	DEPARTMENTAL DEALING	
5/10/2006	AC644396	CHANGE OF BY-LAWS	EDITION 2
13/11/2008	AE327452	CHANGE OF ADDRESS OF ASSOCIATION/OWNERS CORPORATION	EDITION 3
19/7/2010	AF635576	CHANGE OF BY-LAWS	EDITION 4
21/2/2012	AG824692	CHANGE OF ADDRESS OF ASSOCIATION/OWNERS CORPORATION	EDITION 5
16/12/2013	AI247085	CHANGE OF BY-LAWS	EDITION 6
12/5/2016	AK421325	CHANGE OF BY-LAWS	EDITION 7
22/2/2017	AM177810	CONSOLIDATION/CHANGE OF BY-LAWS	EDITION 8
20/3/2017	AM244793	CONSOLIDATION/CHANGE OF BY-LAWS	EDITION 9
20/3/2017	AM245097	DEPARTMENTAL DEALING	EDITION 10

\*\*\* END OF SEARCH \*\*\*

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: CP/SP60485

SEARCH DATE	TIME	EDITION NO	DATE
1/11/2017	12:14 PM	10	20/3/2017

LAND

THE COMMON PROPERTY IN THE STRATA SCHEME BASED ON STRATA PLAN 60485  
WITHIN THE PARCEL SHOWN IN THE TITLE DIAGRAM

AT REDFERN  
LOCAL GOVERNMENT AREA SYDNEY  
PARISH OF ALEXANDRIA COUNTY OF CUMBERLAND  
TITLE DIAGRAM SP60485

FIRST SCHEDULE

THE OWNERS - STRATA PLAN NO. 60485

ADDRESS FOR SERVICE OF DOCUMENTS:

THE OWNERS - STRATA PLAN NO. 60485  
LOCKED BAG 1919  
ST LEONARDS  
NSW 1590

SECOND SCHEDULE (4 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 DP522349 EASEMENT TO DRAIN WATER AFFECTING THE PART(S) SHOWN  
SO BURDENED IN THE TITLE DIAGRAM
- 3 AM244793 INITIAL PERIOD EXPIRED
- 4 AM244793 CONSOLIDATION OF REGISTERED BY-LAWS

SCHEDULE OF UNIT ENTITLEMENT (AGGREGATE: 1000)

STRATA PLAN 60485

LOT	ENT	LOT	ENT	LOT	ENT	LOT	ENT
1 - 24		2 - 29		3 - 28		4 - 29	
5 - 29		6 - 23		7 - 22		8 - 23	
9 - 31		10 - 30		11 - 29		12 - 30	
13 - 31		14 - 32		15 - 22		16 - 23	
17 - 32		18 - 33		19 - 30		20 - 32	
21 - 31		22 - 33		23 - 24		24 - 24	
25 - 46		26 - 47		27 - 46		28 - 48	
29 - 56		30 - 34		31 - 25		32 - 24	

NOTATIONS

END OF PAGE 1 - CONTINUED OVER



FOLIO: CP/SP60485

PAGE 2

NOTATIONS (CONTINUED)

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UNREGISTERED DEALINGS: NIL

\*\*\* END OF SEARCH \*\*\*

Redfern

PRINTED ON 1/11/2017

\* 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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## **Appendix F**

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SafeWork NSW



**SafeWork NSW**

Locked Bag 2906, Lisarow NSW 2252

Customer Experience 13 10 50

ABN 81 913 830 179 | [www.safework.nsw.gov.au](http://www.safework.nsw.gov.au)

Our Ref: D17/238486

Your Ref: Lisa Teng

7 November 2017

Attention: Lisa Teng  
Douglas Partners  
96 Hermitage Rd  
West Ryde NSW 2114

Dear Ms Teng

**RE SITE: 13-23 Gibbons St Redfern NSW**

I refer to your site search request received by SafeWork NSW on 6 November 2017 requesting information on Storage of Hazardous Chemicals for the above site.

A search of the records held by SafeWork NSW has not located any records pertaining to the above mentioned premises.

For further information or if you have any questions, please call us on 13 10 50 or email [licensing@safework.nsw.gov.au](mailto:licensing@safework.nsw.gov.au)

Yours sincerely

  
Customer Service Officer  
Customer Experience - Operations  
SafeWork NSW

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## Appendix G

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Descriptive Notes

Borehole Logs





## Sampling

Sampling is carried out during drilling or test pitting to allow engineering examination (and laboratory testing where required) of the soil or rock.

Disturbed samples taken during drilling provide information on colour, type, inclusions and, depending upon the degree of disturbance, some information on strength and structure.

Undisturbed samples are taken by pushing a thin-walled sample tube into the soil and withdrawing it to obtain a sample of the soil in a relatively undisturbed state. Such samples yield information on structure and strength, and are necessary for laboratory determination of shear strength and compressibility. Undisturbed sampling is generally effective only in cohesive soils.

## Test Pits

Test pits are usually excavated with a backhoe or an excavator, allowing close examination of the in-situ soil if it is safe to enter into the pit. The depth of excavation is limited to about 3 m for a backhoe and up to 6 m for a large excavator. A potential disadvantage of this investigation method is the larger area of disturbance to the site.

## Large Diameter Augers

Boreholes can be drilled using a rotating plate or short spiral auger, generally 300 mm or larger in diameter commonly mounted on a standard piling rig. The cuttings are returned to the surface at intervals (generally not more than 0.5 m) and are disturbed but usually unchanged in moisture content. Identification of soil strata is generally much more reliable than with continuous spiral flight augers, and is usually supplemented by occasional undisturbed tube samples.

## Continuous Spiral Flight Augers

The borehole is advanced using 90-115 mm diameter continuous spiral flight augers which are withdrawn at intervals to allow sampling or in-situ testing. This is a relatively economical means of drilling in clays and sands above the water table. Samples are returned to the surface, or may be collected after withdrawal of the auger flights, but they are disturbed and may be mixed with soils from the sides of the hole. Information from the drilling (as distinct from specific sampling by SPTs or undisturbed samples) is of relatively low

reliability, due to the remoulding, possible mixing or softening of samples by groundwater.

## Non-core Rotary Drilling

The borehole is advanced using a rotary bit, with water or drilling mud being pumped down the drill rods and returned up the annulus, carrying the drill cuttings. Only major changes in stratification can be determined from the cuttings, together with some information from the rate of penetration. Where drilling mud is used this can mask the cuttings and reliable identification is only possible from separate sampling such as SPTs.

## Continuous Core Drilling

A continuous core sample can be obtained using a diamond tipped core barrel, usually with a 50 mm internal diameter. Provided full core recovery is achieved (which is not always possible in weak rocks and granular soils), this technique provides a very reliable method of investigation.

## Standard Penetration Tests

Standard penetration tests (SPT) are used as a means of estimating the density or strength of soils and also of obtaining a relatively undisturbed sample. The test procedure is described in Australian Standard 1289, Methods of Testing Soils for Engineering Purposes - Test 6.3.1.

The test is carried out in a borehole by driving a 50 mm diameter split sample tube under the impact of a 63 kg hammer with a free fall of 760 mm. It is normal for the tube to be driven in three successive 150 mm increments and the 'N' value is taken as the number of blows for the last 300 mm. In dense sands, very hard clays or weak rock, the full 450 mm 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 150 mm of, say, 4, 6 and 7 as:  
4,6,7  
N=13
- In the case where the test is discontinued before the full penetration depth, say after 15 blows for the first 150 mm and 30 blows for the next 40 mm as:  
15, 30/40 mm

# *Sampling Methods*

The results of the SPT tests can be related empirically to the engineering properties of the soils.

## **Dynamic Cone Penetrometer Tests / Perth Sand Penetrometer Tests**

Dynamic penetrometer tests (DCP or PSP) are carried out by driving a steel rod into the ground using a standard weight of hammer falling a specified distance. As the rod penetrates the soil the number of blows required to penetrate each successive 150 mm depth are recorded. Normally there is a depth limitation of 1.2 m, but this may be extended in certain conditions by the use of extension rods. Two types of penetrometer are commonly used.

- Perth sand penetrometer - a 16 mm diameter flat ended rod is driven using a 9 kg hammer dropping 600 mm (AS 1289, Test 6.3.3). This test was developed for testing the density of sands and is mainly used in granular soils and filling.
- Cone penetrometer - a 16 mm diameter rod with a 20 mm diameter cone end is driven using a 9 kg hammer dropping 510 mm (AS 1289, Test 6.3.2). This test was developed initially for pavement subgrade investigations, and correlations of the test results with California Bearing Ratio have been published by various road authorities.



### Description and Classification Methods

The methods of description and classification of soils and rocks used in this report are based on Australian Standard AS 1726-1993, Geotechnical Site Investigations Code. In general, the descriptions include strength or density, colour, structure, soil or rock type and inclusions.

### Soil Types

Soil types are described according to the predominant particle size, qualified by the grading of other particles present:

Type	Particle size (mm)
Boulder	>200
Cobble	63 - 200
Gravel	2.36 - 63
Sand	0.075 - 2.36
Silt	0.002 - 0.075
Clay	<0.002

The sand and gravel sizes can be further subdivided as follows:

Type	Particle size (mm)
Coarse gravel	20 - 63
Medium gravel	6 - 20
Fine gravel	2.36 - 6
Coarse sand	0.6 - 2.36
Medium sand	0.2 - 0.6
Fine sand	0.075 - 0.2

The proportions of secondary constituents of soils are described as:

Term	Proportion	Example
And	Specify	Clay (60%) and Sand (40%)
Adjective	20 - 35%	Sandy Clay
Slightly	12 - 20%	Slightly Sandy Clay
With some	5 - 12%	Clay with some sand
With a trace of	0 - 5%	Clay with a trace of sand

Definitions of grading terms used are:

- Well graded - a good representation of all particle sizes
- Poorly graded - an excess or deficiency of particular sizes within the specified range
- Uniformly graded - an excess of a particular particle size
- Gap graded - a deficiency of a particular particle size with the range

### Cohesive Soils

Cohesive soils, such as clays, are classified on the basis of undrained shear strength. The strength may be measured by laboratory testing, or estimated by field tests or engineering examination. The strength terms are defined as follows:

Description	Abbreviation	Undrained shear strength (kPa)
Very soft	vs	<12
Soft	s	12 - 25
Firm	f	25 - 50
Stiff	st	50 - 100
Very stiff	vst	100 - 200
Hard	h	>200

### Cohesionless Soils

Cohesionless soils, such as clean sands, are classified on the basis of relative density, generally from the results of standard penetration tests (SPT), cone penetration tests (CPT) or dynamic penetrometers (PSP). The relative density terms are given below:

Relative Density	Abbreviation	SPT N value	CPT qc value (MPa)
Very loose	vl	<4	<2
Loose	l	4 - 10	2 - 5
Medium dense	md	10 - 30	5 - 15
Dense	d	30 - 50	15 - 25
Very dense	vd	>50	>25

# *Soil Descriptions*

## **Soil Origin**

It is often difficult to accurately determine the origin of a soil. Soils can generally be classified as:

- Residual soil - derived from in-situ weathering of the underlying rock;
- Transported soils - formed somewhere else and transported by nature to the site; or
- Filling - moved by man.

Transported soils may be further subdivided into:

- Alluvium - river deposits
- Lacustrine - lake deposits
- Aeolian - wind deposits
- Littoral - beach deposits
- Estuarine - tidal river deposits
- Talus - scree or coarse colluvium
- Slopewash or Colluvium - transported downslope by gravity assisted by water. Often includes angular rock fragments and boulders.





### Rock Strength

Rock strength is defined by the Point Load Strength Index ( $Is_{(50)}$ ) and refers to the strength of the rock substance and not the strength of the overall rock mass, which may be considerably weaker due to defects. The test procedure is described by Australian Standard 4133.4.1 - 2007. The terms used to describe rock strength are as follows:

Term	Abbreviation	Point Load Index $Is_{(50)}$ MPa	Approximate Unconfined Compressive Strength MPa*
Extremely low	EL	<0.03	<0.6
Very low	VL	0.03 - 0.1	0.6 - 2
Low	L	0.1 - 0.3	2 - 6
Medium	M	0.3 - 1.0	6 - 20
High	H	1 - 3	20 - 60
Very high	VH	3 - 10	60 - 200
Extremely high	EH	>10	>200

\* Assumes a ratio of 20:1 for UCS to  $Is_{(50)}$ . It should be noted that the UCS to  $Is_{(50)}$  ratio varies significantly for different rock types and specific ratios should be determined for each site.

### Degree of Weathering

The degree of weathering of rock is classified as follows:

Term	Abbreviation	Description
Extremely weathered	EW	Rock substance has soil properties, i.e. it can be remoulded and classified as a soil but the texture of the original rock is still evident.
Highly weathered	HW	Limonite staining or bleaching affects whole of rock substance and other signs of decomposition are evident. Porosity and strength may be altered as a result of iron leaching or deposition. Colour and strength of original fresh rock is not recognisable
Moderately weathered	MW	Staining and discolouration of rock substance has taken place
Slightly weathered	SW	Rock substance is slightly discoloured but shows little or no change of strength from fresh rock
Fresh stained	Fs	Rock substance unaffected by weathering but staining visible along defects
Fresh	Fr	No signs of decomposition or staining

### Degree of Fracturing

The following classification applies to the spacing of natural fractures in diamond drill cores. It includes bedding plane partings, joints and other defects, but excludes drilling breaks.

Term	Description
Fragmented	Fragments of <20 mm
Highly Fractured	Core lengths of 20-40 mm with some fragments
Fractured	Core lengths of 40-200 mm with some shorter and longer sections
Slightly Fractured	Core lengths of 200-1000 mm with some shorter and longer sections
Unbroken	Core lengths mostly > 1000 mm

# Rock Descriptions

## Rock Quality Designation

The quality of the cored rock can be measured using the Rock Quality Designation (RQD) index, defined as:

$$\text{RQD \%} = \frac{\text{cumulative length of 'sound' core sections} \geq 100 \text{ mm long}}{\text{total drilled length of section being assessed}}$$

where 'sound' rock is assessed to be rock of low strength or better. The RQD applies only to natural fractures. If the core is broken by drilling or handling (i.e. drilling breaks) then the broken pieces are fitted back together and are not included in the calculation of RQD.

## Stratification Spacing

For sedimentary rocks the following terms may be used to describe the spacing of bedding partings:

Term	Separation of Stratification Planes
Thinly laminated	< 6 mm
Laminated	6 mm to 20 mm
Very thinly bedded	20 mm to 60 mm
Thinly bedded	60 mm to 0.2 m
Medium bedded	0.2 m to 0.6 m
Thickly bedded	0.6 m to 2 m
Very thickly bedded	> 2 m

# Symbols & Abbreviations

## Douglas Partners



### Introduction

These notes summarise abbreviations commonly used on borehole logs and test pit reports.

### Drilling or Excavation Methods

C	Core drilling
R	Rotary drilling
SFA	Spiral flight augers
NMLC	Diamond core - 52 mm dia
NQ	Diamond core - 47 mm dia
HQ	Diamond core - 63 mm dia
PQ	Diamond core - 81 mm dia

### Water

▷	Water seep
▽	Water level

### Sampling and Testing

A	Auger sample
B	Bulk sample
D	Disturbed sample
E	Environmental sample
U <sub>50</sub>	Undisturbed tube sample (50mm)
W	Water sample
pp	Pocket penetrometer (kPa)
PID	Photo ionisation detector
PL	Point load strength Is(50) MPa
S	Standard Penetration Test
V	Shear vane (kPa)

### Description of Defects in Rock

The abbreviated descriptions of the defects should be in the following order: Depth, Type, Orientation, Coating, Shape, Roughness and Other. Drilling and handling breaks are not usually included on the logs.

### Defect Type

B	Bedding plane
Cs	Clay seam
Cv	Cleavage
Cz	Crushed zone
Ds	Decomposed seam
F	Fault
J	Joint
Lam	Lamination
Pt	Parting
Sz	Sheared Zone
V	Vein

### Orientation

The inclination of defects is always measured from the perpendicular to the core axis.

h	horizontal
v	vertical
sh	sub-horizontal
sv	sub-vertical

### Coating or Infilling Term

cln	clean
co	coating
he	healed
inf	infilled
stn	stained
ti	tight
vn	veneer

### Coating Descriptor

ca	calcite
cbs	carbonaceous
cly	clay
fe	iron oxide
mn	manganese
slt	silty

### Shape

cu	curved
ir	irregular
pl	planar
st	stepped
un	undulating

### Roughness

po	polished
ro	rough
sl	slickensided
sm	smooth
vr	very rough

### Other

fg	fragmented
bnd	band
qtz	quartz

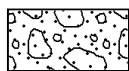
# Symbols & Abbreviations

## Graphic Symbols for Soil and Rock

### General



Asphalt



Road base



Concrete



Filling

### Soils



Topsoil



Peat



Clay



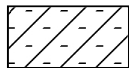
Silty clay



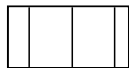
Sandy clay



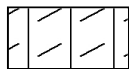
Gravelly clay



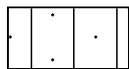
Shaly clay



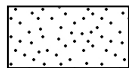
Silt



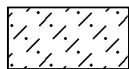
Clayey silt



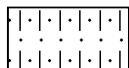
Sandy silt



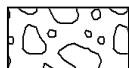
Sand



Clayey sand



Silty sand



Gravel



Sandy gravel

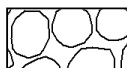


Cobbles, boulders



Talus

### Sedimentary Rocks



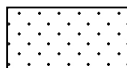
Boulder conglomerate



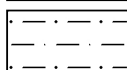
Conglomerate



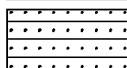
Conglomeratic sandstone



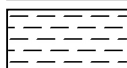
Sandstone



Siltstone



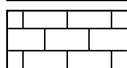
Laminite



Mudstone, claystone, shale

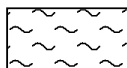


Coal

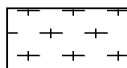


Limestone

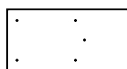
### Metamorphic Rocks



Slate, phyllite, schist

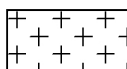


Gneiss

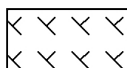


Quartzite

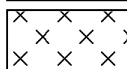
### Igneous Rocks



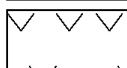
Granite



Dolerite, basalt, andesite



Dacite, epidote



Tuff, breccia



Porphyry



# BOREHOLE LOG

**CLIENT:** GSA Australia Pty Ltd  
**PROJECT:** Proposed Student Accommodation  
**LOCATION:** 13-23 Gibbons Street, Redfern

**SURFACE LEVEL: --**  
**EASTING:**  
**NORTHING:**  
**DIP/AZIMUTH: 90°/--**

**BORE No:** BH1  
**PROJECT No:** 0086266.00  
**DATE:** 29-1-2018  
**SHEET 1 OF 2**

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing				Water	Well Construction Details	
				Type	Depth	Sample	Results & Comments			
	0.07	PAVERS and bedding sand								
		CONCRETE								
	0.25	FILLING - grey sand filling with concrete fragments		A/E	0.3					
				A/E	0.9					
	0.95	CONCRETE								
1	1.05	FILLING - grey gravelly sand filling with occasional concrete fragments								
				A/E	1.5					
				A/E	1.9					
2										
				A/E	2.5					
3		3.0m: with some tile fragments								
				A/E	3.5					
	3.7	SAND - pale orange, medium grained sand, damp								
4				A/E	4.0					
				A/E	4.2					
	4.3	SANDY CLAY - orange-brown, fine to medium grained sandy clay, moist								
				A/E	4.5		(duplicate)			
	4.8	CLAY - stiff, orange-brown and grey mottled, clay								

**RIG:** Dando Terrier      **DRILLER:** BG Drilling      **LOGGED:** LJH      **CASING:** HQ to 6.0m

**TYPE OF BORING:** Diacore to 0.25m; SFA to 0.95m; Diacore to 1.05m; SFA to 7.03m; NMLC to 8.85m

**WATER OBSERVATIONS:** No free groundwater observed whilst augering

REMARKS:

SAMPLING & IN SITU TESTING LEGEND			
A	Auger sample	G	Gas sample
B	Bulk sample	P	Piston sample
BLK	Block sample	U <sub>x</sub>	Tube sample (x mm dia.)
C	Core drilling	W	Water sample
D	Disturbed sample	▷	Water seep
E	Environmental sample	≡	Water level
		PID	Photo ionisation detector (ppm)
		PL(A)	Point load axial test (s(50) (MPa)
		PL(D)	Point load diametral test (s(50) (MPa)
		pp	Pocket penetrometer (kPa)
		S	Standard penetration test
		V	Shear vane (kPa)



# BOREHOLE LOG

**CLIENT:** GSA Australia Pty Ltd  
**PROJECT:** Proposed Student Accomodation  
**LOCATION:** 13-23 Gibbons Street, Redfern

**SURFACE LEVEL:** --  
**EASTING:**  
**NORTHING:**  
**DIP/AZIMUTH:** 90°/--

**BORE No:** BH1  
**PROJECT No:** 0086266.00  
**DATE:** 29-1-2018  
**SHEET 2 OF 2**

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing				Water	Well Construction Details	
				Type	Depth	Sample	Results & Comments			
		CLAY - stiff, orange-brown and grey mottled, clay (continued)		S	5.0		4,5,6 N = 11			
					5.45					
6	6.0	SHALY CLAY - very stiff to hard, pale-grey and brown mottled shaly clay								
7	7.03	SHALY CLAY - pale-grey and brown mottled shaly clay		S	7.0 7.03		15/30mm refusal			
				C						
	7.51	LAMINITE - medium strength, highly to moderately weathered, grey and brown-grey laminite with some clay bands			7.55					
					7.83		PL(A) = 0.35			
8	7.95	LAMINITE - low strength, slightly weathered, grey laminite (siltstone 70%, fine grained sandstone 30%)		C						
					8.65		PL(A) = 0.16			
	8.85	Bore discontinued at 8.85m - target depth reached			8.85					
9										

**RIG:** Dando Terrier **DRILLER:** BG Drilling **LOGGED:** LJH **CASING:** HQ to 6.0m

**TYPE OF BORING:** Diacore to 0.25m; SFA to 0.95m; Diacore to 1.05m; SFA to 7.03m; NMLC to 8.85m

**WATER OBSERVATIONS:** No free groundwater observed whilst augering

**REMARKS:**

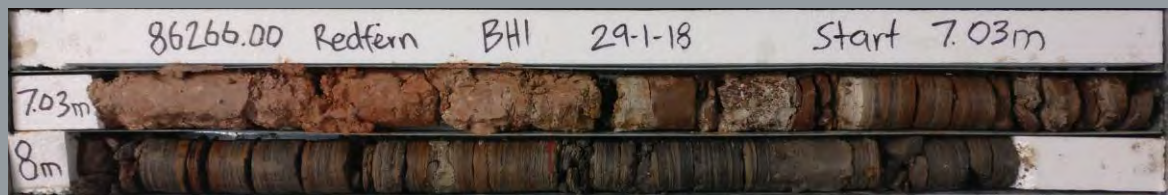
SAMPLING & IN SITU TESTING LEGEND					
A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	W	Water seep	S	Standard penetration test
E	Environmental sample	W	Water level	V	Shear vane (kPa)

DOUGLAS PARTNERS PTY LTD  
PROPOSED STUDENT ACCOMODATION

BH1

REDFERN

JANUARY 2018



7.03m to 8.85m

# BOREHOLE LOG

**CLIENT:** WH Gibbons Trust  
**PROJECT:** Proposed Multi-Storey Residential Development  
**LOCATION:** 13-23 Gibbons Street, Redfern

**SURFACE LEVEL:** 22 AHD  
**EASTING:**  
**NORTHING:**  
**DIP/AZIMUTH:** 90°/--

**BORE No:** 101  
**PROJECT No:** 86266.03  
**DATE:** 20 - 21/9/2018  
**SHEET** 1 OF 2

[illegible]

**RIG:** Rig 1 (CE150)                      **DRILLER:** BG Drilling                      **LOGGED:** ARM                      **CASING:** HQ to 2.7m  
**TYPE OF BORING:** 200mm diacore to 0.16m; solid flight auger (TC-bit) to 5.53m; NMLC-coring to 10.83m  
**WATER OBSERVATIONS:** Groundwater observed at 4.66 m depth two hours after installation and development of monitoring well  
**REMARKS:** groundwater monitoring well installed to 10.47 m (screen 1.2-10.47m; gravel 0.6-10.47m; bentonite seal 0.2-0.6m; gatic cover)

SAMPLING & IN SITU TESTING LEGEND			
A	Auger sample	G	Gas sample
B	Bulk sample	P	Piston sample
BLK	Block sample	U	Tube sample (x mm dia.)
C	Core drilling	W	Water sample
D	Disturbed sample	W	Water seep
E	Environmental sample	W	Water level
		PID	Photo ionisation detector (ppm)
		PL(A)	Point load axial test Is(50) (MPa)
		PL(D)	Point load diametral test Is(50) (MPa)
		pp	Pocket penetrometer (kPa)
		S	Standard penetration test
		V	Shear vane (kPa)





# BOREHOLE LOG

**CLIENT:** WH Gibbons Trust  
**PROJECT:** Proposed Multi-Storey Residential Development  
**LOCATION:** 13-23 Gibbons Street, Redfern

**SURFACE LEVEL:** 22 AHD  
**EASTING:**  
**NORTHING:**  
**DIP/AZIMUTH:** 90°/--

**BORE No:** 101  
**PROJECT No:** 86266.03  
**DATE:** 20 - 21/9/2018  
**SHEET** 2 OF 2

RL	Depth (m)	Description of Strata	Degree of Weathering				Graphic Log	Rock Strength					Water	Fracture Spacing (m)	Discontinuities		Sampling & In Situ Testing			
			EW	HW	MW	SW		FS	FR	Ex Low	Very Low	Low			Medium	High	Very High	Ex High	B - Bedding S - Shear	J - Joint F - Fault
12		LAMINITE: high strength, fresh, slightly fractured, dark grey laminite (80% siltstone, 20% sandstone), bedding dipping 0-5° (continued)																		

**RIG:** Rig 1 (CE150) **DRILLER:** BG Drilling **LOGGED:** ARM **CASING:** HQ to 2.7m  
**TYPE OF BORING:** 200mm diacore to 0.16m; solid flight auger (TC-bit) to 5.53m; NMLC-coring to 10.83m  
**WATER OBSERVATIONS:** Groundwater observed at 4.66 m depth two hours after installation and development of monitoring well  
**REMARKS:** groundwater monitoring well installed to 10.47 m (screen 1.2-10.47m; gravel 0.6-10.47m; bentonite seal 0.2-0.6m; gatic cover)


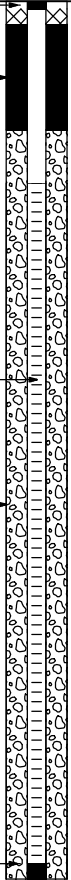




SAMPLING & IN SITU TESTING LEGEND			
A	Auger sample	G	Gas sample
B	Bulk sample	P	Piston sample
BLK	Block sample	U	Tube sample (x mm dia.)
C	Core drilling	W	Water sample
D	Disturbed sample	>	Water seep
E	Environmental sample	≡	Water level
		PID	Photo ionisation detector (ppm)
		PL(A)	Point load axial test Is(50) (MPa)
		PL(D)	Point load diametral test Is(50) (MPa)
		pp	Pocket penetrometer (kPa)
		S	Standard penetration test
		V	Shear vane (kPa)

# BOREHOLE LOG

**CLIENT:** WH Gibbons Trust  
**PROJECT:** Proposed Multi-Storey Residential Development  
**LOCATION:** 13-23 Gibbons Street, Redfern

**SURFACE LEVEL:** 22 AHD  
**EASTING:**  
**NORTHING:**  
**DIP/AZIMUTH:** 90°/--

**BORE No:** 102  
**PROJECT No:** 86266.03  
**DATE:** 21/9/2018  
**SHEET 1 OF 1**

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing			Water	Well Construction Details	
				Type	Depth	Sample			Results & Comments
22	0.12	CONCRETE (SLAB): 8mm reinforcement at 0.09m						Flush gatic cover	
		FILLING: brown, clayey fine to medium sand filling with some fine to medium grained sandstone gravel, damp		A/E	0.2		PID < 1		
				A/E	0.3		PID < 1		
	0.6				0.4				
					0.5				
		CLAYEY SAND: orange-brown, clayey fine to medium sand, damp			0.9		PID = 1	1	
21	1			A/E	1.0				
					1.4		PID < 1		
				A/E*	1.5				
					1.8		PID < 1		
20	2			A/E	2.0			2	
		2.5m: damp to moist			2.8				
				A	3.0				3
19	3								
	3.5	CLAY: red-brown, clay with a trace of fine to medium grained sand, Mc<PL			3.8			4	
18	4			A	4.0				
		4.5m: red-brown mottled grey							5
	5.6	SHALY CLAY: grey and brown, shaly clay with ironstone bands (possibly extremely low strength laminite)			5.8			6	
				A					
16	6.0	Bore discontinued at 6.0m - limit of investigation			6.0			7	
								8	
								9	


**Douglas Partners**  
 Geotechnics | Environment | Groundwater

# BOREHOLE LOG

**CLIENT:** WH Gibbons Trust  
**PROJECT:** Proposed Multi-Storey Residential Development  
**LOCATION:** 13-23 Gibbons Street, Redfern

**SURFACE LEVEL:** 22 AHD  
**EASTING:**  
**NORTHING:**  
**DIP/AZIMUTH:** 90°/--

**BORE No:** 103  
**PROJECT No:** 86266.03  
**DATE:** 19 - 20/9/2018  
**SHEET** 1 OF 2

RL	Depth (m)	Description of Strata	Degree of Weathering					Graphic Log	Rock Strength					Water	Fracture Spacing (m)				Discontinuities		Sampling & In Situ Testing					
			EW	HW	MW	SW	FS		FR	Ex Low	Very Low	Low	Medium		High	Very High	Ex High	0.01	0.05	0.10	0.50	1.00	B - Bedding S - Shear	J - Joint F - Fault	Type	Core Rec. %
22	0.15	CONCRETE (SLAB): 8mm reinforcement at 0.08m																								PID < 1
	0.4	FILLING: brown, fine to medium sand filling with a trace of tile fragments, damp																								PID < 1
21	1.1	SAND: orange-brown, fine to medium sand, damp																								PID < 1
		SANDY CLAY: orange-brown, sandy clay, fine to medium grained sand, damp to moist																								PID < 1
20	2																									PID < 1
																										PID < 1
19	3																									PID < 1
																										PID < 1
18	4	CLAY: red-brown mottled grey, clay with a trace of fine to medium grained sand, Mc~PL																								PID < 1
																										PID < 1
17	5	5.0m: becoming shaly																								PID < 1
	5.2	SHALY CLAY: hard, grey mottled red-brown, clay with 20% ironstone bands (extremely weathered laminite)																								PID < 1
16	6																									pp = 300
																										pp = 250
15	7																									pp = 200
14	8	CORE LOSS																								
	8.4	LAMINITE: extremely low to very low strength, extremely to highly weathered, fractured, grey-brown, laminite, 50% extremely weathered seams, bedding dipping 30-45°																								
13	9																									
	9.39																									
	9.84	LAMINITE																								PL(A) = 0.19

# BOREHOLE LOG

**CLIENT:** WH Gibbons Trust  
**PROJECT:** Proposed Multi-Storey Residential Development  
**LOCATION:** 13-23 Gibbons Street, Redfern

**SURFACE LEVEL:** 22 AHD  
**EASTING:**  
**NORTHING:**  
**DIP/AZIMUTH:** 90°/-

**BORE No:** 103  
**PROJECT No:** 86266.03  
**DATE:** 19 - 20/9/2018  
**SHEET 2 OF 2**

RL	Depth (m)	Description of Strata	Degree of Weathering						Graphic Log	Rock Strength						Water	Fracture Spacing (m)	Discontinuities	Sampling & In Situ Testing																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			EW	HW	MW	SW	FS	FR		Ex Low	Very Low	Low	Medium	High	Very High			Ex High	B - Bedding S - Shear	J - Joint F - Fault	Type	Core Rec. %	RQD %	Test Results & Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
12	10.0	LAMINITE: low strength, slightly weathered, fractured, dark grey laminite (70% siltstone, 30% sandstone), horizontally bedded																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

**RIG:** Rig 1 (CE150) **DRILLER:** BG Drilling **LOGGED:** ARM **CASING:** HQ to 3.7m  
**TYPE OF BORING:** 200mm diacore to 0.15m; solid flight auger (TC-bit) to 5.2m; NMLC-coring to 12.93m  
**WATER OBSERVATIONS:** Groundwater observed at 4.90 m depth five hours after development of monitoring well  
**REMARKS:** groundwater monitoring well installed to 12.93m (screen 1.4-12.93m; gravel 1.15-12.95m; bentonite seal 0.2-1.15m; gatic cover)

SAMPLING & IN SITU TESTING LEGEND			
A	Auger sample	G	Gas sample
B	Bulk sample	P	Piston sample
BLK	Block sample	U	Tube sample (x mm dia.)
C	Core drilling	W	Water sample
D	Disturbed sample	W	Water seep
E	Environmental sample	W	Water level
		PID	Photo ionisation detector (ppm)
		PL(A)	Point load axial test Is(50) (MPa)
		PL(D)	Point load diametral test Is(50) (MPa)
		pp	Pocket penetrometer (kPa)
		S	Standard penetration test
		V	Shear vane (kPa)



# BOREHOLE LOG

**CLIENT:** WH Gibbons Trust  
**PROJECT:** Proposed Multi-Storey Residential Development  
**LOCATION:** 13-23 Gibbons Street, Redfern

**SURFACE LEVEL:** 22 AHD  
**EASTING:**  
**NORTHING:**  
**DIP/AZIMUTH:** 90°/--

**BORE No:** 104  
**PROJECT No:** 86266.03  
**DATE:** 20/9/2018  
**SHEET** 1 OF 1

[illegible]

**RIG:** Hand Tools

**DRILLER: ARM**

**LOGGED: ARM**

**CASING:** Uncased

**TYPE OF BORING:** 150mm diacore to 0.12m; 60mm hand auger to 2.0m

**WATER OBSERVATIONS:** No free groundwater observed whilst augering

REMARKS:

☒ Sand Penetrometer AS1289.6.3.3  
☐ Cone Penetrometer AS1289.6.3.2

SAMPLING & IN SITU TESTING LEGEND			
A	Auger sample	G	Gas sample
B	Bulk sample	P	Piston sample
BLK	Block sample	U	Tube sample (x mm dia.)
C	Core drilling	W	Water sample
D	Disturbed sample	W	Water seep
E	Environmental sample	W	Water level
		PID	Photo ionisation detector (ppm)
		PL(A)	Point load axial test Is(50) (MPa)
		PL(D)	Point load diametral test Is(50) (MPa)
		pp	Pocket penetrometer (kPa)
		S	Standard penetration test
		V	Shear vane (kPa)



# BOREHOLE LOG

**CLIENT:** WH Gibbons Trust  
**PROJECT:** Proposed Multi-Storey Residential Development  
**LOCATION:** 13-23 Gibbons Street, Redfern

**SURFACE LEVEL:** 22 AHD  
**EASTING:**  
**NORTHING:**  
**DIP/AZIMUTH:** 90°/--

**BORE No:** 105  
**PROJECT No:** 86266.03  
**DATE:** 19/9/2018  
**SHEET 1 OF 1**

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing				Water	Dynamic Penetrometer Test (blows per 150mm)
				Type	Depth	Sample	Results & Comments		
22	0.16	CONCRETE (SLAB): 8mm reinforcement at 0.12m							
		FILLING: orange-brown, clayey fine to medium sand filling with a trace of fine sandstone gravel, damp		A/E	0.2		PID < 1		
				A/E	0.3		PID < 1		
				A/E	0.4		PID < 1		
				A/E	0.5		PID < 1		
				A/E	0.6		PID < 1		
				A/E	0.7		PID < 1		
				A/E	0.8		PID < 1		
				A/E	0.9		PID < 1		
				A/E*	1.4		PID < 1		
				A/E*	1.5		PID < 1		
	1.9	Bore discontinued at 1.9m - limit of investigation							

**RIG:** Hand Tools

**DRILLER:** ARM

**LOGGED:** ARM

**CASING:** Uncased

**TYPE OF BORING:** 150mm diacore to 0.16m; 60mm hand auger to 1.9m

**WATER OBSERVATIONS:** No free groundwater observed whilst augering

**REMARKS:** \*BD1/20180919 is replicate of 1.4-1.5m sample

☒ Sand Penetrometer AS1289.6.3.3  
☐ Cone Penetrometer AS1289.6.3.2

SAMPLING & IN SITU TESTING LEGEND			
A	Auger sample	G	Gas sample
B	Bulk sample	P	Piston sample
BLK	Block sample	U	Tube sample (x mm dia.)
C	Core drilling	W	Water sample
D	Disturbed sample	>	Water seep
E	Environmental sample	≡	Water level
		PID	Photo ionisation detector (ppm)
		PL(A)	Point load axial test Is(50) (MPa)
		PL(D)	Point load diametral test Is(50) (MPa)
		pp	Pocket penetrometer (kPa)
		S	Standard penetration test
		V	Shear vane (kPa)

# BOREHOLE LOG

**CLIENT:** WH Gibbons Trust  
**PROJECT:** Proposed Multi-Storey Residential Development  
**LOCATION:** 13-23 Gibbons Street, Redfern

**SURFACE LEVEL:** 22 AHD  
**EASTING:**  
**NORTHING:**  
**DIP/AZIMUTH:** 90°/--

**BORE No:** 106  
**PROJECT No:** 86266.03  
**DATE:** 19/9/2018  
**SHEET** 1 OF 1

[illegible]

**CASING:** Uncased

**TYPE OF BORING:** 150mm diacore to 0.17m; 60mm hand auger to 2.0m

**WATER OBSERVATIONS:** No free groundwater observed whilst augering

☒ Sand Penetrometer AS1289.6.3.3  
☐ Cone Penetrometer AS1289.6.3.2

SAMPLING & IN SITU TESTING LEGEND			
A	Auger sample	G	Gas sample
B	Bulk sample	P	Piston sample
BLK	Block sample	U	Tube sample (x mm dia.)
C	Core drilling	W	Water sample
D	Disturbed sample	W	Water seep
E	Environmental sample	W	Water level
		PID	Photo ionisation detector (ppm)
		PL(A)	Point load axial test (s(50) (MPa)
		PL(D)	Point load diametral test (s(50) (MPa)
		pp	Penetrometer (kPa)
		S	Standard penetration test
		V	Shear vane (kPa)



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## Appendix H

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Field Sheets



## Groundwater Field Sheet

### Project and Bore Installation Details

Bore / Standpipe ID:	BH101
Project Name:	
Project Number:	86266.04
Site Location:	Redfern
Bore GPS Co-ord:	
Installation Date:	
GW Level (during drilling):	- m bgl
Well Depth:	m bgl
Screened Interval:	m bgl
Contaminants/Comments:	-

Bore Volume = casing volume + filter pack volume  

$$= \pi h_1 d_1^2 / 4 + n(\pi h_2 d_1^2 / 4 - \pi h_2 d_2^2 / 4)$$
  
 Where:  $\pi = 3.14$   
 $n$  = porosity (0.3 for most filter pack material)  
 $h_1$  = height of water column  
 $d_1$  = diameter of annulus  
 $h_2$  = length of filter pack  
 $d_2$  = diameter of casing

Bore Vol Normally:  $7.2 \times h$

### Bore Development Details

Date/Time:	
Purged By:	
GW Level (pre-purge):	m bgl
GW Level (post-purge):	m bgl
PSH observed:	Yes / No ( interface / visual ). Thickness if observed:
Observed Well Depth:	m bgl
Estimated Bore Volume:	L
Total Volume Purged:	(target: no drill mud, min 3 well vol. or dry )
Equipment:	

### Micropurge and Sampling Details

Date/Time:	26/9/18
Sampled By:	LT/JPS
Weather Conditions:	cloudy, 1m barment
GW Level (pre-purge):	4.62 m bgl
GW Level (post sample):	4.99 m bgl
PSH observed:	Yes / No ( interface / visual ). Thickness if observed:
Observed Well Depth:	10.86 m bgl
Estimated Bore Volume:	44.9 L
Total Volume Purged:	5-6 L
Equipment:	

### Water Quality Parameters

Time / Volume	Temp (°C)	DO (mg/L)	EC (µS or mS/cm)	pH	Turbidity	Redox (mV)
<b>Stabilisation Criteria (3 readings)</b>	<b>0.1 °C</b>	<b>+/- 0.3 mg/L</b>	<b>+/- 3%</b>	<b>+/- 0.1</b>	<b>+/- 10%</b>	<b>+/- 10 mV</b>
1235	17.6	1.69	1172	5.58	38	117
1236	19.2	0.98	1194	5.58	25.8	106
1237	19.6	1.03	1203	5.59	22.9	103
1238	19.7	0.99	1212	5.60	22.4	99
1239	19.8	0.92	1216	5.63	21.5	96
1240	19.8	0.88	1206	5.65	23.9	93
Additional Readings Following stabilisation:	DO % Sat	SPC	TDS			

### Sample Details

Sampling Depth (rationale):	8 m bgl, middle col.
Sample Appearance (e.g. colour, siltiness, odour):	clear
Sample ID:	BH101
QA/QC Samples:	
Sampling Containers and filtration:	2x amber serum, 2x HCl vials, 1x HNO3 plastic, 1x H2SO4 plastic, 45µm filter.
Comments / Observations:	



## Groundwater Field Sheet

### Project and Bore Installation Details

Bore / Standpipe ID:	BH102
Project Name:	
Project Number:	
Site Location:	
Bore GPS Co-ord:	
Installation Date:	
GW Level (during drilling):	- m bgl
Well Depth:	m bgl
Screened Interval:	m bgl
Contaminants/Comments:	-

Bore Volume = casing volume + filter pack volume  

$$= \pi h_1 d_1^2 / 4 + n(\pi h_2 d_1^2 / 4 - \pi h_2 d_2^2 / 4)$$

Where:  $\pi = 3.14$

n = porosity (0.3 for most filter pack material)

$h_1$  = height of water column

$d_1$  = diameter of annulus

$h_2$  = length of filter pack

$d_2$  = diameter of casing

Bore Vol Normally:  $7.2 \times h$

### Bore Development Details

Date/Time:	
Purged By:	
GW Level (pre-purge):	m bgl
GW Level (post-purge):	m bgl
PSH observed:	Yes / No ( interface / visual ). Thickness if observed:
Observed Well Depth:	m bgl
Estimated Bore Volume:	L
Total Volume Purged:	(target: no drill mud, min 3 well vol. or dry )
Equipment:	

### Micropurge and Sampling Details

Date/Time:	26/9/18
Sampled By:	LT/JPS
Weather Conditions:	cloudy / overcast (no wells in basement)
GW Level (pre-purge):	4.70 m bgl
GW Level (post sample):	5.48 m bgl
PSH observed:	Yes / No ( interface / visual ). Thickness if observed:
Observed Well Depth:	5.69 m bgl
Estimated Bore Volume:	7.1 L
Total Volume Purged:	3-4 L
Equipment:	permpump, 12v battery, interface, bailer & line, TPS warn

### Water Quality Parameters

Time / Volume	Temp (°C)	DO (mg/L)	EC (µS or mS/cm)	pH	Turbidity	Redox (mV)
<b>Stabilisation Criteria (3 readings)</b>	<b>0.1 °C</b>	<b>+/- 0.3 mg/L</b>	<b>+/- 3%</b>	<b>+/- 0.1</b>	<b>+/- 10%</b>	<b>+/- 10 mV</b>
13:20	16.9	5.91	919	6.00	3.0	94
13:21	19.3	5.65	861	5.93	12.3	100
13:22	19.1	5.55	842	5.80	28.4	112
Dry → no more water no more readings possible						
Additional Readings Following stabilisation:	DO % Sat	SPC	TDS			

### Sample Details

Sampling Depth (rationale):	5.45 m bgl, bot col → shallow well,
Sample Appearance (e.g. colour, siltiness, odour):	clear,
Sample ID:	BH102
QA/QC Samples:	
Sampling Containers and filtration:	2x500ml amber, 2x HCl vials, 1x HNO <sub>3</sub> plastic 1x H <sub>2</sub> SO <sub>4</sub> plastic, 45µm filter
Comments / Observations:	samples collected first due to low volume.



## Groundwater Field Sheet

### Project and Bore Installation Details

Bore / Standpipe ID:	BH103
Project Name:	
Project Number:	86266.04
Site Location:	Reefem.
Bore GPS Co-ord:	
Installation Date:	
GW Level (during drilling):	- m bgl
Well Depth:	m bgl
Screened Interval:	m bgl
Contaminants/Comments:	-

Bore Volume = casing volume + filter pack volume  

$$= \pi h_1 d_1^2 / 4 + \pi (h_1 d_1^2 / 4 - \pi h_2 d_2^2 / 4)$$
  
 Where:  $\pi = 3.14$   
 $n$  = porosity (0.3 for most filter pack material)  
 $h_1$  = height of water column  
 $d_1$  = diameter of annulus  
 $h_2$  = length of filter pack  
 $d_2$  = diameter of casing

Bore Vol Normally:  $7.2 \times h$

### Bore Development Details

Date/Time:	
Purged By:	
GW Level (pre-purge):	m bgl
GW Level (post-purge):	m bgl
PSH observed:	Yes / No ( interface / visual ). Thickness if observed:
Observed Well Depth:	m bgl
Estimated Bore Volume:	L
Total Volume Purged:	(target: no drill mud, min 3 well vol. or dry )
Equipment:	

### Micropurge and Sampling Details

Date/Time:	26/9/18 - 11:10
Sampled By:	LT
Weather Conditions:	1.4 deg C
GW Level (pre-purge):	4.91 m bgl
GW Level (post sample):	5.42 m bgl
PSH observed:	Yes / No ( interface / visual ). Thickness if observed:
Observed Well Depth:	12.38 m bgl
Estimated Bore Volume:	53.8 L
Total Volume Purged:	8-9 L
Equipment:	peri-pump, 12V batt, WQM, interface, boiler + line.

### Water Quality Parameters

Time / Volume	Temp (°C)	DO (mg/L)	EC (µS or mS/cm)	pH	Turbidity	Redox (mV)
Stabilisation Criteria (3 readings)	0.1 °C	+/- 0.3 mg/L	+/- 3%	+/- 0.1	+/- 10%	+/- 10 mV
11:45	16.3	2.08	523	5.29		221
11:46	18.7	2.01	503	5.28		215
11:47	19.3	2.13	497	5.36		211
11:48	19.4	2.68	499	5.42	98.7	204
11:49	19.5	2.73	508	5.45	97.1	196
11:50	19.5	2.57	510	5.45	103.5	191
Additional Readings Following stabilisation:	DO % Sat	SPC	TDS			

### Sample Details

Sampling Depth (rationale):	9 m bgl, mid col.
Sample Appearance (e.g. colour, siltiness, odour):	clear
Sample ID:	BH103
QA/QC Samples:	BD1/20180926
Sampling Containers and filtration:	4x 500ml amber, 2x HCl vials, 2x HNO3 plastic, 2x H2SO4 plastic, 45µm filter
Comments / Observations:	During drilling, a drill metal saw fell down the well

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## **Appendix I**

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Laboratory Certificates of Analysis

Chain of Custody Documentation

Sample Receipt Advice

## CERTIFICATE OF ANALYSIS 201510

### Client Details

<b>Client</b>	Douglas Partners Pty Ltd
<b>Attention</b>	John Russell, Lisa Teng
<b>Address</b>	96 Hermitage Rd, West Ryde, NSW, 2114

### Sample Details

<b>Your Reference</b>	<b><u>86266.04, 12-23 Gibbon Street, Redfern</u></b>
<b>Number of Samples</b>	13 Soil
<b>Date samples received</b>	24/09/2018
<b>Date completed instructions received</b>	24/09/2018

### 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

<b>Date results requested by</b>	02/10/2018
<b>Date of Issue</b>	02/10/2018
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. <b>Tests not covered by NATA are denoted with *</b>	

#### Asbestos Approved By

Analysed by Asbestos Approved Identifier: Aida Marner  
 Authorised by Asbestos Approved Signatory: Matt Tang

#### Results Approved By

Jeremy Faircloth, Organics Supervisor  
 Long Pham, Team Leader, Metals  
 Matthew Tang, Asbestos Analyst  
 Nick Sarlamis, Inorganics Supervisor  
 Priya Samarawickrama, Senior Chemist  
 Steven Luong, Senior Chemist

#### Authorised By



Jacinta Hurst, Laboratory Manager



## vTRH(C6-C10)/BTEXN in Soil

Our Reference		201510-1	201510-2	201510-3	201510-4	201510-5
Your Reference	UNITS	BH101	BH102	BH102	BH103	BH103
Depth		0.16-0.3	0.4-0.5	1.4-1.5	0.15-0.2	0.9-1.0
Date Sampled		20/09/2018	21/09/2018	21/09/2018	19/09/2018	19/09/2018
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018	26/09/2018
Date analysed	-	27/09/2018	27/09/2018	27/09/2018	27/09/2018	27/09/2018
TRH C <sub>6</sub> - C <sub>9</sub>	mg/kg	<25	<25	<25	<25	<25
TRH C <sub>6</sub> - C <sub>10</sub>	mg/kg	<25	<25	<25	<25	<25
vTPH C <sub>6</sub> - C <sub>10</sub> 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	%	87	125	119	86	97

## vTRH(C6-C10)/BTEXN in Soil

Our Reference		201510-6	201510-7	201510-8	201510-9	201510-10
Your Reference	UNITS	BH104	BH105	BH106	BH101	BD1/20180921
Depth		0.4-0.5	0.4-0.5	0.4-0.5	1.4-1.5	-
Date Sampled		20/09/2018	19/09/2018	19/09/2018	20/09/2018	21/09/2018
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018	26/09/2018
Date analysed	-	27/09/2018	27/09/2018	27/09/2018	27/09/2018	27/09/2018
TRH C <sub>6</sub> - C <sub>9</sub>	mg/kg	<25	<25	<25	<25	<25
TRH C <sub>6</sub> - C <sub>10</sub>	mg/kg	<25	<25	<25	<25	<25
vTPH C <sub>6</sub> - C <sub>10</sub> 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	%	94	96	96	96	89

vTRH(C6-C10)/BTEXN in Soil			
Our Reference		201510-11	201510-12
Your Reference	UNITS	Trip Spike	Trip Blank
Depth		-	-
Date Sampled		21/09/2018	21/09/2018
Type of sample		Soil	Soil
Date extracted	-	26/09/2018	26/09/2018
Date analysed	-	27/09/2018	27/09/2018
TRH C <sub>6</sub> - C <sub>9</sub>	mg/kg	[NA]	<25
TRH C <sub>6</sub> - C <sub>10</sub>	mg/kg	[NA]	<25
Benzene	mg/kg	93%	<0.2
Toluene	mg/kg	93%	<0.5
Ethylbenzene	mg/kg	93%	<1
m+p-xylene	mg/kg	93%	<2
o-Xylene	mg/kg	92%	<1
Surrogate aaa-Trifluorotoluene	%	82	81

svTRH (C10-C40) in Soil						
Our Reference	UNITS	201510-1	201510-2	201510-3	201510-4	201510-5
Your Reference		BH101	BH102	BH102	BH103	BH103
Depth		0.16-0.3	0.4-0.5	1.4-1.5	0.15-0.2	0.9-1.0
Date Sampled		20/09/2018	21/09/2018	21/09/2018	19/09/2018	19/09/2018
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018	26/09/2018
Date analysed	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018	26/09/2018
TRH C <sub>10</sub> - C <sub>14</sub>	mg/kg	<50	<50	<50	<50	<50
TRH C <sub>15</sub> - C <sub>28</sub>	mg/kg	<100	<100	<100	<100	<100
TRH C <sub>29</sub> - C <sub>36</sub>	mg/kg	<100	<100	<100	<100	<100
TRH >C <sub>10</sub> -C <sub>16</sub>	mg/kg	<50	<50	<50	<50	<50
TRH >C <sub>10</sub> - C <sub>16</sub> less Naphthalene (F2)	mg/kg	<50	<50	<50	<50	<50
TRH >C <sub>16</sub> -C <sub>34</sub>	mg/kg	<100	<100	<100	<100	<100
TRH >C <sub>34</sub> -C <sub>40</sub>	mg/kg	<100	<100	<100	<100	<100
Total +ve TRH (>C10-C40)	mg/kg	<50	<50	<50	<50	<50
Surrogate o-Terphenyl	%	97	97	98	96	98

svTRH (C10-C40) in Soil						
Our Reference	UNITS	201510-6	201510-7	201510-8	201510-9	201510-10
Your Reference		BH104	BH105	BH106	BH101	BD1/20180921
Depth		0.4-0.5	0.4-0.5	0.4-0.5	1.4-1.5	-
Date Sampled		20/09/2018	19/09/2018	19/09/2018	20/09/2018	21/09/2018
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018	26/09/2018
Date analysed	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018	26/09/2018
TRH C <sub>10</sub> - C <sub>14</sub>	mg/kg	<50	<50	<50	<50	<50
TRH C <sub>15</sub> - C <sub>28</sub>	mg/kg	<100	<100	<100	<100	<100
TRH C <sub>29</sub> - C <sub>36</sub>	mg/kg	<100	<100	<100	<100	<100
TRH >C <sub>10</sub> -C <sub>16</sub>	mg/kg	<50	<50	<50	<50	<50
TRH >C <sub>10</sub> - C <sub>16</sub> less Naphthalene (F2)	mg/kg	<50	<50	<50	<50	<50
TRH >C <sub>16</sub> -C <sub>34</sub>	mg/kg	<100	<100	<100	<100	<100
TRH >C <sub>34</sub> -C <sub>40</sub>	mg/kg	<100	<100	<100	<100	<100
Total +ve TRH (>C10-C40)	mg/kg	<50	<50	<50	<50	<50
Surrogate o-Terphenyl	%	96	95	95	96	96

PAHs in Soil						
Our Reference		201510-1	201510-2	201510-3	201510-4	201510-5
Your Reference	UNITS	BH101	BH102	BH102	BH103	BH103
Depth		0.16-0.3	0.4-0.5	1.4-1.5	0.15-0.2	0.9-1.0
Date Sampled		20/09/2018	21/09/2018	21/09/2018	19/09/2018	19/09/2018
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018	26/09/2018
Date analysed	-	27/09/2018	27/09/2018	27/09/2018	27/09/2018	27/09/2018
Naphthalene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	mg/kg	<0.1	<0.1	<0.1	<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	0.4	<0.1	<0.1	0.3	<0.1
Anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.8	<0.1	<0.1	1.1	<0.1
Pyrene	mg/kg	0.9	<0.1	<0.1	1.1	<0.1
Benzo(a)anthracene	mg/kg	0.4	<0.1	<0.1	0.7	<0.1
Chrysene	mg/kg	0.4	<0.1	<0.1	0.7	<0.1
Benzo(b,j+k)fluoranthene	mg/kg	0.8	<0.2	<0.2	0.9	<0.2
Benzo(a)pyrene	mg/kg	0.5	<0.05	<0.05	0.57	<0.05
Indeno(1,2,3-c,d)pyrene	mg/kg	0.2	<0.1	<0.1	0.2	<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	0.3	<0.1	<0.1	0.3	<0.1
Total +ve PAH's	mg/kg	4.8	<0.05	<0.05	5.7	<0.05
Benzo(a)pyrene TEQ calc (zero)	mg/kg	0.6	<0.5	<0.5	0.8	<0.5
Benzo(a)pyrene TEQ calc(half)	mg/kg	0.7	<0.5	<0.5	0.8	<0.5
Benzo(a)pyrene TEQ calc(PQL)	mg/kg	0.7	<0.5	<0.5	0.9	<0.5
Surrogate <i>p</i> -Terphenyl-d14	%	90	89	94	91	92

PAHs in Soil						
Our Reference		201510-6	201510-7	201510-8	201510-9	201510-10
Your Reference	UNITS	BH104	BH105	BH106	BH101	BD1/20180921
Depth		0.4-0.5	0.4-0.5	0.4-0.5	1.4-1.5	-
Date Sampled		20/09/2018	19/09/2018	19/09/2018	20/09/2018	21/09/2018
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018	26/09/2018
Date analysed	-	27/09/2018	27/09/2018	27/09/2018	27/09/2018	27/09/2018
Naphthalene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	mg/kg	<0.1	<0.1	<0.1	<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	0.4	<0.1	<0.1	<0.1	<0.1
Anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.6	0.1	0.2	<0.1	<0.1
Pyrene	mg/kg	0.6	0.1	0.2	<0.1	<0.1
Benzo(a)anthracene	mg/kg	0.3	<0.1	0.1	<0.1	<0.1
Chrysene	mg/kg	0.4	<0.1	0.1	<0.1	<0.1
Benzo(b,j+k)fluoranthene	mg/kg	0.5	<0.2	<0.2	<0.2	<0.2
Benzo(a)pyrene	mg/kg	0.3	<0.05	0.1	<0.05	<0.05
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1	<0.1	<0.1	<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	<0.1	<0.1	<0.1
Total +ve PAH's	mg/kg	3.6	0.2	0.67	<0.05	<0.05
Benzo(a)pyrene TEQ calc (zero)	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(a)pyrene TEQ calc(half)	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(a)pyrene TEQ calc(PQL)	mg/kg	0.5	<0.5	<0.5	<0.5	<0.5
Surrogate p-Terphenyl-d14	%	93	92	89	91	93



Organochlorine Pesticides in soil					
Our Reference		201510-1	201510-2	201510-4	201510-8
Your Reference	UNITS	BH101	BH102	BH103	BH106
Depth		0.16-0.3	0.4-0.5	0.15-0.2	0.4-0.5
Date Sampled		20/09/2018	21/09/2018	19/09/2018	19/09/2018
Type of sample		Soil	Soil	Soil	Soil
Date extracted	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018
Date analysed	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1
gamma-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1
gamma-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1
alpha-chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1
Endosulfan I	mg/kg	<0.1	<0.1	<0.1	<0.1
pp-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1
pp-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1
Endosulfan II	mg/kg	<0.1	<0.1	<0.1	<0.1
pp-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1
Total +ve DDT+DDD+DDE	mg/kg	<0.1	<0.1	<0.1	<0.1
Surrogate TCMX	%	85	83	85	85

Organophosphorus Pesticides					
Our Reference		201510-1	201510-2	201510-4	201510-8
Your Reference	UNITS	BH101	BH102	BH103	BH106
Depth		0.16-0.3	0.4-0.5	0.15-0.2	0.4-0.5
Date Sampled		20/09/2018	21/09/2018	19/09/2018	19/09/2018
Type of sample		Soil	Soil	Soil	Soil
Date extracted	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018
Date analysed	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018
Azinphos-methyl (Guthion)	mg/kg	<0.1	<0.1	<0.1	<0.1
Bromophos-ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1
Chlorpyrifos-methyl	mg/kg	<0.1	<0.1	<0.1	<0.1
Diazinon	mg/kg	<0.1	<0.1	<0.1	<0.1
Dichlorvos	mg/kg	<0.1	<0.1	<0.1	<0.1
Dimethoate	mg/kg	<0.1	<0.1	<0.1	<0.1
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1
Malathion	mg/kg	<0.1	<0.1	<0.1	<0.1
Parathion	mg/kg	<0.1	<0.1	<0.1	<0.1
Ronnel	mg/kg	<0.1	<0.1	<0.1	<0.1
Surrogate TCMX	%	85	83	85	85

PCBs in Soil					
Our Reference		201510-1	201510-2	201510-4	201510-8
Your Reference	UNITS	BH101	BH102	BH103	BH106
Depth		0.16-0.3	0.4-0.5	0.15-0.2	0.4-0.5
Date Sampled		20/09/2018	21/09/2018	19/09/2018	19/09/2018
Type of sample		Soil	Soil	Soil	Soil
Date extracted	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018
Date analysed	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018
Aroclor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1
Aroclor 1221	mg/kg	<0.1	<0.1	<0.1	<0.1
Aroclor 1232	mg/kg	<0.1	<0.1	<0.1	<0.1
Aroclor 1242	mg/kg	<0.1	<0.1	<0.1	<0.1
Aroclor 1248	mg/kg	<0.1	<0.1	<0.1	<0.1
Aroclor 1254	mg/kg	<0.1	<0.1	<0.1	<0.1
Aroclor 1260	mg/kg	<0.1	<0.1	<0.1	<0.1
Total +ve PCBs (1016-1260)	mg/kg	<0.1	<0.1	<0.1	<0.1
Surrogate TCLMX	%	85	83	85	85

## Acid Extractable metals in soil

Our Reference		201510-1	201510-2	201510-3	201510-4	201510-5
Your Reference	UNITS	BH101	BH102	BH102	BH103	BH103
Depth		0.16-0.3	0.4-0.5	1.4-1.5	0.15-0.2	0.9-1.0
Date Sampled		20/09/2018	21/09/2018	21/09/2018	19/09/2018	19/09/2018
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018	26/09/2018
Date analysed	-	27/09/2018	27/09/2018	27/09/2018	27/09/2018	27/09/2018
Arsenic	mg/kg	<4	<4	<4	<4	<4
Cadmium	mg/kg	<0.4	<0.4	<0.4	<0.4	<0.4
Chromium	mg/kg	7	4	9	5	4
Copper	mg/kg	39	<1	<1	10	2
Lead	mg/kg	130	4	4	54	41
Mercury	mg/kg	0.2	<0.1	<0.1	0.1	<0.1
Nickel	mg/kg	15	<1	2	3	1
Zinc	mg/kg	130	7	2	63	38

## Acid Extractable metals in soil

Our Reference		201510-6	201510-7	201510-8	201510-9	201510-10
Your Reference	UNITS	BH104	BH105	BH106	BH101	BD1/20180921
Depth		0.4-0.5	0.4-0.5	0.4-0.5	1.4-1.5	-
Date Sampled		20/09/2018	19/09/2018	19/09/2018	20/09/2018	21/09/2018
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018	26/09/2018
Date analysed	-	27/09/2018	27/09/2018	27/09/2018	27/09/2018	27/09/2018
Arsenic	mg/kg	4	<4	<4	<4	<4
Cadmium	mg/kg	<0.4	<0.4	<0.4	<0.4	<0.4
Chromium	mg/kg	5	8	6	17	8
Copper	mg/kg	19	7	4	<1	<1
Lead	mg/kg	150	38	63	9	3
Mercury	mg/kg	0.3	0.2	<0.1	<0.1	<0.1
Nickel	mg/kg	6	4	3	2	2
Zinc	mg/kg	200	54	30	5	1

Acid Extractable metals in soil		
Our Reference		201510-14
Your Reference	UNITS	BH101 - [TRIPLICATE]
Depth		0.16-0.3
Date Sampled		20/09/2018
Type of sample		Soil
Date prepared	-	26/09/2018
Date analysed	-	27/09/2018
Arsenic	mg/kg	17
Cadmium	mg/kg	<0.4
Chromium	mg/kg	7
Copper	mg/kg	31
Lead	mg/kg	660
Mercury	mg/kg	0.3
Nickel	mg/kg	9
Zinc	mg/kg	150



Misc Soil - Inorg					
Our Reference		201510-1	201510-2	201510-4	201510-8
Your Reference	UNITS	BH101	BH102	BH103	BH106
Depth		0.16-0.3	0.4-0.5	0.15-0.2	0.4-0.5
Date Sampled		20/09/2018	21/09/2018	19/09/2018	19/09/2018
Type of sample		Soil	Soil	Soil	Soil
Date prepared	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018
Date analysed	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018
Total Phenolics (as Phenol)	mg/kg	<5	<5	<5	<5

Misc Inorg - Soil			
Our Reference		201510-5	201510-9
Your Reference	UNITS	BH103	BH101
Depth		0.9-1.0	1.4-1.5
Date Sampled		19/09/2018	20/09/2018
Type of sample		Soil	Soil
Date prepared	-	28/09/2018	28/09/2018
Date analysed	-	28/09/2018	28/09/2018
pH 1:5 soil:water	pH Units	5.5	5.3

Moisture						
Our Reference	UNITS	201510-1	201510-2	201510-3	201510-4	201510-5
Your Reference		BH101	BH102	BH102	BH103	BH103
Depth		0.16-0.3	0.4-0.5	1.4-1.5	0.15-0.2	0.9-1.0
Date Sampled		20/09/2018	21/09/2018	21/09/2018	19/09/2018	19/09/2018
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018	26/09/2018
Date analysed	-	27/09/2018	27/09/2018	27/09/2018	27/09/2018	27/09/2018
Moisture	%	14	7.4	7.2	13	4.3

Moisture						
Our Reference	UNITS	201510-6	201510-7	201510-8	201510-9	201510-10
Your Reference		BH104	BH105	BH106	BH101	BD1/20180921
Depth		0.4-0.5	0.4-0.5	0.4-0.5	1.4-1.5	-
Date Sampled		20/09/2018	19/09/2018	19/09/2018	20/09/2018	21/09/2018
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	26/09/2018	26/09/2018	26/09/2018	26/09/2018	26/09/2018
Date analysed	-	27/09/2018	27/09/2018	27/09/2018	27/09/2018	27/09/2018
Moisture	%	6.2	8.3	7.9	19	7.3

Asbestos ID - soils						
Our Reference	UNITS	201510-1	201510-2	201510-3	201510-4	201510-6
Your Reference		BH101	BH102	BH102	BH103	BH104
Depth		0.16-0.3	0.4-0.5	1.4-1.5	0.15-0.2	0.4-0.5
Date Sampled		20/09/2018	21/09/2018	21/09/2018	19/09/2018	20/09/2018
Type of sample		Soil	Soil	Soil	Soil	Soil
Date analysed	-	02/10/2018	02/10/2018	02/10/2018	02/10/2018	02/10/2018
Sample mass tested	g	Approx. 35g	Approx. 30g	Approx. 25g	Approx. 35g	Approx. 40g
Sample Description	-	Brown sandy soil & rocks	Brown sandy soil & rocks	Brown sandy soil & rocks	Brown sandy soil & rocks	Brown sandy soil & rocks
Asbestos ID in soil	-	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	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	No asbestos detected at reporting limit of 0.1g/kg  Organic fibres detected
Trace Analysis	-	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected

Asbestos ID - soils			
Our Reference		201510-7	201510-8
Your Reference	UNITS	BH105	BH106
Depth		0.4-0.5	0.4-0.5
Date Sampled		19/09/2018	19/09/2018
Type of sample		Soil	Soil
Date analysed	-	02/10/2018	02/10/2018
Sample mass tested	g	Approx. 25g	Approx. 35g
Sample Description	-	Brown sandy soil & rocks	Brown sandy soil & rocks
Asbestos ID in soil	-	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg
		Organic fibres detected	Organic fibres detected
Trace Analysis	-	No asbestos detected	No asbestos detected



Method ID	Methodology Summary
<b>ASB-001</b>	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.
<b>Inorg-001</b>	pH - Measured using pH meter and electrode in accordance with APHA latest edition, 4500-H+. Please note that the results for water analyses are indicative only, as analysis outside of the APHA storage times.
<b>Inorg-008</b>	Moisture content determined by heating at 105+/-5 °C for a minimum of 12 hours.
<b>Inorg-031</b>	Total Phenolics by segmented flow analyser (in line distillation with colourimetric finish). Solids are extracted in a caustic media prior to analysis.
<b>Metals-020</b>	Determination of various metals by ICP-AES.
<b>Metals-021</b>	Determination of Mercury by Cold Vapour AAS.
<b>Org-003</b>	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.
<b>Org-003</b>	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).
<b>Org-005</b>	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC with dual ECD's.
<b>Org-005</b>	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC with dual ECD's. 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.
<b>Org-006</b>	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC-ECD.
<b>Org-006</b>	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.
<b>Org-008</b>	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC with dual ECD's.

Method ID	Methodology Summary
<b>Org-012</b>	<p>Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS. Benzo(a)pyrene TEQ as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater - 2013.</p> <p>For soil results:-</p> <ol style="list-style-type: none"> <li>1. 'EQ PQL' values are assuming all contributing PAHs reported as &lt;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.</li> <li>2. 'EQ zero' values are assuming all contributing PAHs reported as &lt;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.</li> <li>3. 'EQ half PQL' values are assuming all contributing PAHs reported as &lt;PQL are half the stipulated PQL. Hence a mid-point between the most and least conservative approaches above.</li> </ol> <p>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.</p>
<b>Org-014</b>	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS.
<b>Org-016</b>	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)-BTX as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater.
<b>Org-016</b>	<p>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)-BTX as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater.</p> <p>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.</p>

QUALITY CONTROL: vTRH(C6-C10)/BTEXN in Soil						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	201510-2
Date extracted	-			26/09/2018	1	26/09/2018	26/09/2018		26/09/2018	26/09/2018
Date analysed	-			27/09/2018	1	27/09/2018	27/09/2018		27/09/2018	27/09/2018
TRH C <sub>6</sub> - C <sub>9</sub>	mg/kg	25	Org-016	<25	1	<25	<25	0	86	88
TRH C <sub>6</sub> - C <sub>10</sub>	mg/kg	25	Org-016	<25	1	<25	<25	0	86	88
Benzene	mg/kg	0.2	Org-016	<0.2	1	<0.2	<0.2	0	79	80
Toluene	mg/kg	0.5	Org-016	<0.5	1	<0.5	<0.5	0	84	85
Ethylbenzene	mg/kg	1	Org-016	<1	1	<1	<1	0	87	91
m+p-xylene	mg/kg	2	Org-016	<2	1	<2	<2	0	89	93
o-Xylene	mg/kg	1	Org-016	<1	1	<1	<1	0	90	93
naphthalene	mg/kg	1	Org-014	<1	1	<1	<1	0	[NT]	[NT]
Surrogate aaa-Trifluorotoluene	%		Org-016	89	1	87	83	5	98	94

QUALITY CONTROL: svTRH (C10-C40) in Soil						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	201510-2
Date extracted	-			26/09/2018	1	26/09/2018	26/09/2018		26/09/2018	26/09/2018
Date analysed	-			26/09/2018	1	26/09/2018	26/09/2018		26/09/2018	26/09/2018
TRH C <sub>10</sub> - C <sub>14</sub>	mg/kg	50	Org-003	<50	1	<50	<50	0	84	93
TRH C <sub>15</sub> - C <sub>28</sub>	mg/kg	100	Org-003	<100	1	<100	<100	0	96	99
TRH C <sub>29</sub> - C <sub>36</sub>	mg/kg	100	Org-003	<100	1	<100	<100	0	90	77
TRH >C <sub>10</sub> -C <sub>16</sub>	mg/kg	50	Org-003	<50	1	<50	<50	0	84	93
TRH >C <sub>16</sub> -C <sub>34</sub>	mg/kg	100	Org-003	<100	1	<100	<100	0	96	99
TRH >C <sub>34</sub> -C <sub>40</sub>	mg/kg	100	Org-003	<100	1	<100	<100	0	90	77
Surrogate o-Terphenyl	%		Org-003	102	1	97	95	2	102	97

QUALITY CONTROL: PAHs in Soil						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	201510-2
Date extracted	-			26/09/2018	1	26/09/2018	26/09/2018		26/09/2018	26/09/2018
Date analysed	-			27/09/2018	1	27/09/2018	27/09/2018		27/09/2018	27/09/2018
Naphthalene	mg/kg	0.1	Org-012	<0.1	1	<0.1	<0.1	0	112	99
Acenaphthylene	mg/kg	0.1	Org-012	<0.1	1	<0.1	0.1	0	[NT]	[NT]
Acenaphthene	mg/kg	0.1	Org-012	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Fluorene	mg/kg	0.1	Org-012	<0.1	1	<0.1	<0.1	0	107	89
Phenanthrene	mg/kg	0.1	Org-012	<0.1	1	0.4	0.6	40	115	108
Anthracene	mg/kg	0.1	Org-012	<0.1	1	<0.1	0.1	0	[NT]	[NT]
Fluoranthene	mg/kg	0.1	Org-012	<0.1	1	0.8	1.2	40	112	104
Pyrene	mg/kg	0.1	Org-012	<0.1	1	0.9	1.3	36	104	96
Benzo(a)anthracene	mg/kg	0.1	Org-012	<0.1	1	0.4	0.6	40	[NT]	[NT]
Chrysene	mg/kg	0.1	Org-012	<0.1	1	0.4	0.6	40	108	102
Benzo(b,j+k)fluoranthene	mg/kg	0.2	Org-012	<0.2	1	0.8	1	22	[NT]	[NT]
Benzo(a)pyrene	mg/kg	0.05	Org-012	<0.05	1	0.5	0.81	47	107	99
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1	Org-012	<0.1	1	0.2	0.4	67	[NT]	[NT]
Dibenzo(a,h)anthracene	mg/kg	0.1	Org-012	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Benzo(g,h,i)perylene	mg/kg	0.1	Org-012	<0.1	1	0.3	0.6	67	[NT]	[NT]
Surrogate p-Terphenyl-d14	%		Org-012	96	1	90	92	2	90	86



QUALITY CONTROL: Organochlorine Pesticides in soil						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	201510-2
Date extracted	-			26/09/2018	1	26/09/2018	26/09/2018		26/09/2018	26/09/2018
Date analysed	-			26/09/2018	1	26/09/2018	26/09/2018		26/09/2018	26/09/2018
HCB	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
alpha-BHC	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	88	88
gamma-BHC	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
beta-BHC	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	72	73
Heptachlor	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	87	88
delta-BHC	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Aldrin	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	82	83
Heptachlor Epoxide	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	83	84
gamma-Chlordane	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
alpha-chlordane	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Endosulfan I	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
pp-DDE	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	82	82
Dieldrin	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	87	87
Endrin	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	91	88
pp-DDD	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	70	72
Endosulfan II	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
pp-DDT	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Endrin Aldehyde	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Endosulfan Sulphate	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	78	77
Methoxychlor	mg/kg	0.1	Org-005	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Surrogate TCMX	%		Org-005	83	1	85	86	1	84	80

QUALITY CONTROL: Organophosphorus Pesticides					Duplicate			Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	201510-2
Date extracted	-			26/09/2018	1	26/09/2018	26/09/2018		26/09/2018	26/09/2018
Date analysed	-			26/09/2018	1	26/09/2018	26/09/2018		26/09/2018	26/09/2018
Azinphos-methyl (Guthion)	mg/kg	0.1	Org-008	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Bromophos-ethyl	mg/kg	0.1	Org-008	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Chlorpyrifos	mg/kg	0.1	Org-008	<0.1	1	<0.1	<0.1	0	80	78
Chlorpyrifos-methyl	mg/kg	0.1	Org-008	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Diazinon	mg/kg	0.1	Org-008	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Dichlorvos	mg/kg	0.1	Org-008	<0.1	1	<0.1	<0.1	0	105	91
Dimethoate	mg/kg	0.1	Org-008	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Ethion	mg/kg	0.1	Org-008	<0.1	1	<0.1	<0.1	0	91	86
Fenitrothion	mg/kg	0.1	Org-008	<0.1	1	<0.1	<0.1	0	97	93
Malathion	mg/kg	0.1	Org-008	<0.1	1	<0.1	<0.1	0	72	81
Parathion	mg/kg	0.1	Org-008	<0.1	1	<0.1	<0.1	0	87	85
Ronnel	mg/kg	0.1	Org-008	<0.1	1	<0.1	<0.1	0	84	82
Surrogate TCMX	%		Org-008	83	1	85	86	1	85	83

QUALITY CONTROL: PCBs in Soil					Duplicate			Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	201510-2
Date extracted	-			26/09/2018	1	26/09/2018	26/09/2018		26/09/2018	26/09/2018
Date analysed	-			26/09/2018	1	26/09/2018	26/09/2018		26/09/2018	26/09/2018
Aroclor 1016	mg/kg	0.1	Org-006	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Aroclor 1221	mg/kg	0.1	Org-006	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Aroclor 1232	mg/kg	0.1	Org-006	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Aroclor 1242	mg/kg	0.1	Org-006	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Aroclor 1248	mg/kg	0.1	Org-006	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Aroclor 1254	mg/kg	0.1	Org-006	<0.1	1	<0.1	<0.1	0	102	103
Aroclor 1260	mg/kg	0.1	Org-006	<0.1	1	<0.1	<0.1	0	[NT]	[NT]
Surrogate TCLMX	%		Org-006	83	1	85	86	1	85	83

QUALITY CONTROL: Acid Extractable metals in soil						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	201510-2
Date prepared	-			26/09/2018	1	26/09/2018	26/09/2018		26/09/2018	26/09/2018
Date analysed	-			27/09/2018	1	27/09/2018	27/09/2018		27/09/2018	27/09/2018
Arsenic	mg/kg	4	Metals-020	<4	1	<4	9	77	106	97
Cadmium	mg/kg	0.4	Metals-020	<0.4	1	<0.4	<0.4	0	104	104
Chromium	mg/kg	1	Metals-020	<1	1	7	14	67	106	104
Copper	mg/kg	1	Metals-020	<1	1	39	39	0	105	107
Lead	mg/kg	1	Metals-020	<1	1	130	110	17	100	104
Mercury	mg/kg	0.1	Metals-021	<0.1	1	0.2	0.3	40	108	110
Nickel	mg/kg	1	Metals-020	<1	1	15	19	24	101	101
Zinc	mg/kg	1	Metals-020	<1	1	130	180	32	103	105

QUALITY CONTROL: Misc Soil - Inorg						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			26/09/2018	[NT]	[NT]	[NT]	[NT]	26/09/2018	[NT]
Date analysed	-			26/09/2018	[NT]	[NT]	[NT]	[NT]	26/09/2018	[NT]
Total Phenolics (as Phenol)	mg/kg	5	Inorg-031	<5	[NT]	[NT]	[NT]	[NT]	101	[NT]



QUALITY CONTROL: Misc Inorg - Soil						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			28/09/2018	5	28/09/2018	28/09/2018		28/09/2018	[NT]
Date analysed	-			28/09/2018	5	28/09/2018	28/09/2018		28/09/2018	[NT]
pH 1:5 soil:water	pH Units		Inorg-001	[NT]	5	5.5	5.6	2	102	[NT]

## Result Definitions

<b>NT</b>	Not tested
<b>NA</b>	Test not required
<b>INS</b>	Insufficient sample for this test
<b>PQL</b>	Practical Quantitation Limit
<b>&lt;</b>	Less than
<b>&gt;</b>	Greater than
<b>RPD</b>	Relative Percent Difference
<b>LCS</b>	Laboratory Control Sample
<b>NS</b>	Not specified
<b>NEPM</b>	National Environmental Protection Measure
<b>NR</b>	Not Reported

## Quality Control Definitions

<b>Blank</b>	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.
<b>Duplicate</b>	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.
<b>Matrix Spike</b>	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.
<b>LCS (Laboratory Control Sample)</b>	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.
<b>Surrogate Spike</b>	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.	

## 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; 60-140% for organics (+/-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.

Measurement Uncertainty estimates are available for most tests upon request.

## Report Comments

PAHs in Soil - The RPD for duplicate results is accepted due to the non homogenous nature of the sample 1.

Acid Extractable Metals in Soil: The laboratory RPD acceptance criteria has been exceeded for 201510-1 for Cr. Therefore a triplicate result has been issued as laboratory sample number 201510-14.

Asbestos: A portion of the supplied samples were sub-sampled for asbestos analysis according to Envirolab procedures.


We cannot guarantee that these sub-samples are indicative of the entire sample.

Envirolab recommends supplying 40-50g of sample in its own container.

Note: Samples requested for asbestos testing were sub-sampled from jars provided by the client.

<b>Project No:</b> 86266.04				<b>Suburb:</b> Redfern				<b>To:</b> Envirolab			
<b>Project Name:</b> 12-23 Gibbon Street, Redfern				<b>Order Number</b>							
<b>Project Manager:</b> John Russell				<b>Sampler:</b> ARM				<b>Attn:</b> Aileen Hie			
<b>Emails:</b> ohn.russell@douglaspartners.com.au				lisa.teng@douglaspartners.com.au				<b>Phone:</b>			
<b>Date Required:</b> Standard <input type="checkbox"/>								<b>Email:</b>			
<b>Prior Storage:</b> <input type="checkbox"/> Fridge				Do samples contain 'potential' HBM? No <input type="checkbox"/> (If YES, then handle, transport and store in accordance with FPM HAZID)							

Sample ID	Lab ID	Date Sampled	Sample Type	Container Type	Analytes								Notes/preservation		
			S - soil W - water	G - glass P - plastic	Combo 8a	Combo 3a	Combo 3	pH and CEC	TRH and BTEX						
BH101/0.16-0.3	1	20/9/18	S	G/P	X										
BH102/0.4-0.5	2	21/9/18			X										
BH102/1.4-1.5	3	21/9/18				X									
BH103/0.15-0.2	4	19/9/18			X										
BH103/0.9-1.0	5	19/9/18						X	X						
BH104/0.4-0.5	6	20/9/18				X									
BH105/0.4-0.5	7	19/9/18				X									
BH106/0.4-0.5	8	19/9/18			X										
BH101/0.16-0.3	9	20/9/18						X	X						
BD1/20180921	10	21/9/18	↓	↓				X							
Trip spike	11	21/9/18	↓	↓						X					
Trip blank	12	21/9/18	↓	↓						X					
BH102/0.9-1.0	13	21/9/18	↓	↓										Hold	
<b>PQL (S) mg/kg</b>					<b>ANZECC PQLs req'd for all water analytes</b> <input type="checkbox"/>										
PQL = practical quantitation limit. If none given, default to Laboratory Method Detection Limit															
<b>Metals to Analyse:</b> 8HM unless specified here:															
<b>Total number of samples in container:</b>					<b>Relinquished by:</b>					<b>Transported to laboratory by:</b>					
<b>Send Results to:</b> Douglas Partners Pty Ltd					<b>Address</b>					<b>Phone:</b>					<b>Fax:</b>
<b>Signed:</b>					<b>Received by:</b> <i>Enya Doherty</i>					<b>Date &amp; Time:</b> 24.09.18 16:00					

  
**Envirolab Services**  
 12 Ashley St  
 Chateau NSW  
 Ph: (02) 9910 6200  
 Job No: 201510  
 Date Received: 24/09/18  
 Time Received: 16:00  
 Received By: TD  
 Temp: Cool/Ambient 14-22  
 Cooling: Ice/icepack  
 Security: Intact/Broken/None



## SAMPLE RECEIPT ADVICE

### Client Details

<b>Client</b>	Douglas Partners Pty Ltd
<b>Attention</b>	John Russell, Lisa Teng

### Sample Login Details

<b>Your reference</b>	86266.04, 12-23 Gibbon Street, Redfern
<b>Envirolab Reference</b>	201510
<b>Date Sample Received</b>	24/09/2018
<b>Date Instructions Received</b>	24/09/2018
<b>Date Results Expected to be Reported</b>	02/10/2018

### Sample Condition

<b>Samples received in appropriate condition for analysis</b>	YES
<b>No. of Samples Provided</b>	13 Soil
<b>Turnaround Time Requested</b>	Standard
<b>Temperature on Receipt (°C)</b>	14.2
<b>Cooling Method</b>	Ice Pack
<b>Sampling Date Provided</b>	YES

### Comments

Nil

Please direct any queries to:

#### Aileen Hie

**Phone:** 02 9910 6200  
**Fax:** 02 9910 6201  
**Email:** ahie@envirolab.com.au

#### Jacinta Hurst

**Phone:** 02 9910 6200  
**Fax:** 02 9910 6201  
**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	VTRH(C6-C10)/BTEXN in Soil	svTRH (C10-C40) in Soil	PAHs in Soil	Organochlorine Pesticides in soil	Organophosphorus Pesticides	PCBs in Soil	Acid Extractable metals in soil	Misc Soil - Inorg	Misc Inorg - Soil	Asbestos ID - soils	CEC	On Hold
BH101-0.16-0.3	✓	✓	✓	✓	✓	✓	✓	✓		✓		
BH102-0.4-0.5	✓	✓	✓	✓	✓	✓	✓	✓		✓		
BH102-1.4-1.5	✓	✓	✓				✓			✓		
BH103-0.15-0.2	✓	✓	✓	✓	✓	✓	✓	✓		✓		
BH103-0.9-1.0	✓	✓	✓				✓		✓		✓	
BH104-0.4-0.5	✓	✓	✓				✓			✓		
BH105-0.4-0.5	✓	✓	✓				✓			✓		
BH106-0.4-0.5	✓	✓	✓	✓	✓	✓	✓	✓		✓		
BH101-1.4-1.5	✓	✓	✓				✓		✓		✓	
BD1/20180921	✓	✓	✓				✓					
Trip Spike	✓											
Trip Blank	✓											
BH102-0.9-1.0												✓

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.

## **CERTIFICATE OF ANALYSIS 201510-A**

### **Client Details**

<b>Client</b>	Douglas Partners Pty Ltd
<b>Attention</b>	Lisa Teng
<b>Address</b>	96 Hermitage Rd, West Ryde, NSW, 2114

### **Sample Details**

<b>Your Reference</b>	<b><u>86266.04, 12-23 Gibbon Street, Redfern</u></b>
<b>Number of Samples</b>	13 Soil
<b>Date samples received</b>	24/09/2018
<b>Date completed instructions received</b>	04/10/2018

### **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**

<b>Date results requested by</b>	11/10/2018
<b>Date of Issue</b>	11/10/2018
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. <b>Tests not covered by NATA are denoted with *</b>	

#### **Results Approved By**

Long Pham, Team Leader, Metals

#### **Authorised By**



Jacinta Hurst, Laboratory Manager

Metals in TCLP USEPA1311			
Our Reference		201510-A-1	201510-A-6
Your Reference	UNITS	BH101	BH104
Depth		0.16-0.3	0.4-0.5
Date Sampled		20/09/2018	20/09/2018
Type of sample		Soil	Soil
Date extracted	-	05/10/2018	05/10/2018
Date analysed	-	05/10/2018	05/10/2018
pH of soil for fluid# determ.	pH units	9.5	9.1
pH of soil TCLP (after HCl)	pH units	1.8	1.8
Extraction fluid used	-	1	1
pH of final Leachate	pH units	5.1	5.0
Lead in TCLP	mg/L	0.1	0.2

Method ID	Methodology Summary
<b>EXTRACT.7</b>	Toxicity Characteristic Leaching Procedure (TCLP) using Zero Headspace Extraction (zHE) using AS4439 and USEPA 1311.
<b>Inorg-001</b>	pH - Measured using pH meter and electrode in accordance with APHA latest edition, 4500-H+. Please note that the results for water analyses are indicative only, as analysis outside of the APHA storage times.
<b>Inorg-004</b>	Toxicity Characteristic Leaching Procedure (TCLP) using in house method INORG-004.
<b>Metals-020 ICP-AES</b>	Determination of various metals by ICP-AES.



QUALITY CONTROL: Metals in TCLP USEPA1311						Duplicate		Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-W1	[NT]
Date extracted	-			05/10/2018	[NT]	[NT]	[NT]	[NT]	05/10/2018	[NT]
Date analysed	-			05/10/2018	[NT]	[NT]	[NT]	[NT]	05/10/2018	[NT]
Lead in TCLP	mg/L	0.03	Metals-020 ICP-AES	<0.03	[NT]	[NT]	[NT]	[NT]	99	[NT]

## Result Definitions

<b>NT</b>	Not tested
<b>NA</b>	Test not required
<b>INS</b>	Insufficient sample for this test
<b>PQL</b>	Practical Quantitation Limit
<b>&lt;</b>	Less than
<b>&gt;</b>	Greater than
<b>RPD</b>	Relative Percent Difference
<b>LCS</b>	Laboratory Control Sample
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<b>NEPM</b>	National Environmental Protection Measure
<b>NR</b>	Not Reported

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## 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.

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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; 60-140% for organics (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

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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.

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Measurement Uncertainty estimates are available for most tests upon request.

**Great Science, Great Service.**

12 Ashley Street Chatswood NSW 2067

T 612 9910 6200 F 612 9910 6201

E [knguyen@envirolab.com.au](mailto:knguyen@envirolab.com.au) | W [www.envirolab.com.au](http://www.envirolab.com.au)

**Please note that all samples submitted to the Envirolab Group laboratories will be analysed under the Envirolab Group Terms and Conditions. The Terms and Conditions are accessible by clicking this link**

**From:** Lisa Teng <[Lisa.Teng@douglaspartners.com.au](mailto:Lisa.Teng@douglaspartners.com.au)>

**Sent:** Thursday, 4 October 2018 2:02 PM

**To:** Ken Nguyen <[KNguyen@envirolab.com.au](mailto:KNguyen@envirolab.com.au)>

**Subject:** RE: Results for Registration 201510 86266.04, 12-23 Gibbon Street, Redfern

ELS: 201510 -A  
TAT: 5 days  
Due: 11/10/18

Atz

Hi Ken,

Am I also able to order additional lead TCLP on:

BH101/0.16-0.3 - 1

BH104/0.4-0.5 - 6

Thanks

**Lisa Teng** | Environmental Engineer

**Douglas Partners Pty Ltd** | ABN 75 053 980 117 | [www.douglaspartners.com.au](http://www.douglaspartners.com.au)

96 Hermitage Road West Ryde NSW 2114 | PO Box 472 West Ryde NSW 1685

P: 02 9809 0666 | F: 02 9809 4095 | E: [Lisa.Teng@douglaspartners.com.au](mailto:Lisa.Teng@douglaspartners.com.au)

FINANCIAL REVIEW

**CLIENT CHOICE AWARDS 2018**

**WINNER**

**beaton**



This email is confidential. If you are not the intended recipient, please notify us immediately and be aware that any disclosure, copying, distribution or use of the contents of this information is prohibited. Please note that the company does not make any commitment through emails not confirmed by fax or letter.

**From:** Ken Nguyen [<mailto:KNguyen@envirolab.com.au>]

**Sent:** Tuesday, 2 October 2018 3:04 PM

**To:** John Russell; Lisa Teng

**Subject:** Results for Registration 201510 86266.04, 12-23 Gibbon Street, Redfern

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.

We have a new reporting format and would welcome your feedback. [Sydney@envirolab.com.au](mailto:Sydney@envirolab.com.au)

Enquiries should be made directly to:

[customerservice@envirolab.com.au](mailto:customerservice@envirolab.com.au)

## SAMPLE RECEIPT ADVICE

### Client Details

<b>Client</b>	Douglas Partners Pty Ltd
<b>Attention</b>	Lisa Teng

### Sample Login Details

<b>Your reference</b>	86266.04, 12-23 Gibbon Street, Redfern
<b>Envirolab Reference</b>	201510-A
<b>Date Sample Received</b>	24/09/2018
<b>Date Instructions Received</b>	04/10/2018
<b>Date Results Expected to be Reported</b>	11/10/2018

### Sample Condition

<b>Samples received in appropriate condition for analysis</b>	YES
<b>No. of Samples Provided</b>	13 Soil
<b>Turnaround Time Requested</b>	Standard
<b>Temperature on Receipt (°C)</b>	14.2
<b>Cooling Method</b>	Ice Pack
<b>Sampling Date Provided</b>	YES

### Comments

Nil

Please direct any queries to:

<b>Aileen Hie</b>	<b>Jacinta Hurst</b>
<b>Phone:</b> 02 9910 6200	<b>Phone:</b> 02 9910 6200
<b>Fax:</b> 02 9910 6201	<b>Fax:</b> 02 9910 6201
<b>Email:</b> ahie@envirolab.com.au	<b>Email:</b> jhurst@envirolab.com.au

Analysis Underway, details on the following page:





Sample ID	pH of soil for fluid#determ.	pH of soil TCLP (after HCl)	Extraction fluid used	pH of final Leachate	Lead in TCLP	On Hold
BH101-0.16-0.3	✓	✓	✓	✓	✓	
BH102-0.4-0.5						✓
BH102-1.4-1.5						✓
BH103-0.15-0.2						✓
BH103-0.9-1.0						✓
BH104-0.4-0.5	✓	✓	✓	✓	✓	
BH105-0.4-0.5						✓
BH106-0.4-0.5						✓
BH101-1.4-1.5						✓
BD1/20180921						✓
Trip Spike						✓
Trip Blank						✓
BH102-0.9-1.0						✓
BH101 - [TRIPLICATE]-0.16-0.3						✓

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.

## CERTIFICATE OF ANALYSIS 201682

### Client Details

<b>Client</b>	Douglas Partners Pty Ltd
<b>Attention</b>	John Russell, Lisa Teng
<b>Address</b>	96 Hermitage Rd, West Ryde, NSW, 2114

### Sample Details

<b>Your Reference</b>	<b><u>86266.04, 13-23 Gibbon St, Redfern</u></b>
<b>Number of Samples</b>	6 Water
<b>Date samples received</b>	26/09/2018
<b>Date completed instructions received</b>	26/09/2018

### 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

<b>Date results requested by</b>	04/10/2018
<b>Date of Issue</b>	04/10/2018
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. <b>Tests not covered by NATA are denoted with *</b>	

#### Results Approved By

Long Pham, Team Leader, Metals  
 Nancy Zhang, Assistant Lab Manager  
 Nick Sarlamis, Inorganics Supervisor  
 Steven Luong, Senior Chemist

#### Authorised By



Jacinta Hurst, Laboratory Manager

VOCs in water					
Our Reference		201682-1	201682-2	201682-3	201682-4
Your Reference	UNITS	BH101	BH102	BH103	BD1/20180926
Date Sampled		26/09/2018	26/09/2018	26/09/2018	26/09/2018
Type of sample		Water	Water	Water	Water
Date extracted	-	28/09/2018	28/09/2018	28/09/2018	28/09/2018
Date analysed	-	02/10/2018	02/10/2018	02/10/2018	02/10/2018
Dichlorodifluoromethane	µg/L	<10	<10	<10	<10
Chloromethane	µg/L	<10	<10	<10	<10
Vinyl Chloride	µg/L	<10	<10	<10	<10
Bromomethane	µg/L	<10	<10	<10	<10
Chloroethane	µg/L	<10	<10	<10	<10
Trichlorofluoromethane	µg/L	<10	<10	<10	<10
1,1-Dichloroethene	µg/L	<1	<1	<1	<1
Trans-1,2-dichloroethene	µg/L	<1	<1	<1	<1
1,1-dichloroethane	µg/L	<1	<1	<1	<1
Cis-1,2-dichloroethene	µg/L	<1	<1	<1	<1
Bromochloromethane	µg/L	<1	<1	<1	<1
Chloroform	µg/L	1	<1	1	<1
2,2-dichloropropane	µg/L	<1	<1	<1	<1
1,2-dichloroethane	µg/L	<1	<1	<1	<1
1,1,1-trichloroethane	µg/L	<1	<1	<1	<1
1,1-dichloropropene	µg/L	<1	<1	<1	<1
Cyclohexane	µg/L	<1	<1	<1	<1
Carbon tetrachloride	µg/L	<1	<1	<1	<1
Benzene	µg/L	<1	<1	<1	<1
Dibromomethane	µg/L	<1	<1	<1	<1
1,2-dichloropropane	µg/L	<1	<1	<1	<1
Trichloroethene	µg/L	<1	<1	<1	<1
Bromodichloromethane	µg/L	<1	<1	<1	<1
trans-1,3-dichloropropene	µg/L	<1	<1	<1	<1
cis-1,3-dichloropropene	µg/L	<1	<1	<1	<1
1,1,2-trichloroethane	µg/L	<1	<1	<1	<1
Toluene	µg/L	<1	<1	<1	<1
1,3-dichloropropane	µg/L	<1	<1	<1	<1
Dibromochloromethane	µg/L	<1	<1	<1	<1
1,2-dibromoethane	µg/L	<1	<1	<1	<1
Tetrachloroethene	µg/L	<1	<1	<1	<1
1,1,1,2-tetrachloroethane	µg/L	<1	<1	<1	<1
Chlorobenzene	µg/L	<1	<1	<1	<1
Ethylbenzene	µg/L	<1	<1	<1	<1
Bromoform	µg/L	<1	<1	<1	<1

VOCs in water					
Our Reference		201682-1	201682-2	201682-3	201682-4
Your Reference	UNITS	BH101	BH102	BH103	BD1/20180926
Date Sampled		26/09/2018	26/09/2018	26/09/2018	26/09/2018
Type of sample		Water	Water	Water	Water
m+p-xylene	µg/L	<2	<2	<2	<2
Styrene	µg/L	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	µg/L	<1	<1	<1	<1
o-xylene	µg/L	<1	<1	<1	<1
1,2,3-trichloropropane	µg/L	<1	<1	<1	<1
Isopropylbenzene	µg/L	<1	<1	<1	<1
Bromobenzene	µg/L	<1	<1	<1	<1
n-propyl benzene	µg/L	<1	<1	<1	<1
2-chlorotoluene	µg/L	<1	<1	<1	<1
4-chlorotoluene	µg/L	<1	<1	<1	<1
1,3,5-trimethyl benzene	µg/L	<1	<1	<1	<1
Tert-butyl benzene	µg/L	<1	<1	<1	<1
1,2,4-trimethyl benzene	µg/L	<1	<1	<1	<1
1,3-dichlorobenzene	µg/L	<1	<1	<1	<1
Sec-butyl benzene	µg/L	<1	<1	<1	<1
1,4-dichlorobenzene	µg/L	<1	<1	<1	<1
4-isopropyl toluene	µg/L	<1	<1	<1	<1
1,2-dichlorobenzene	µg/L	<1	<1	<1	<1
n-butyl benzene	µg/L	<1	<1	<1	<1
1,2-dibromo-3-chloropropane	µg/L	<1	<1	<1	<1
1,2,4-trichlorobenzene	µg/L	<1	<1	<1	<1
Hexachlorobutadiene	µg/L	<1	<1	<1	<1
1,2,3-trichlorobenzene	µg/L	<1	<1	<1	<1
Surrogate Dibromofluoromethane	%	70	70	82	76
Surrogate toluene-d8	%	99	98	99	99
Surrogate 4-BFB	%	97	101	100	100

vTRH(C6-C10)/BTEXN in Water						
Our Reference		201682-1	201682-2	201682-3	201682-4	201682-5
Your Reference	UNITS	BH101	BH102	BH103	BD1/20180926	Trip Spike
Date Sampled		26/09/2018	26/09/2018	26/09/2018	26/09/2018	26/09/2018
Type of sample		Water	Water	Water	Water	Water
Date extracted	-	28/09/2018	28/09/2018	28/09/2018	28/09/2018	28/09/2018
Date analysed	-	02/10/2018	02/10/2018	02/10/2018	02/10/2018	02/10/2018
TRH C <sub>6</sub> - C <sub>9</sub>	µg/L	<10	<10	<10	<10	[NA]
TRH C <sub>6</sub> - C <sub>10</sub>	µg/L	<10	<10	<10	<10	[NA]
TRH C <sub>6</sub> - C <sub>10</sub> less BTEX (F1)	µg/L	<10	<10	<10	<10	[NA]
Benzene	µg/L	<1	<1	<1	<1	115%
Toluene	µg/L	<1	<1	<1	<1	113%
Ethylbenzene	µg/L	<1	<1	<1	<1	114%
m+p-xylene	µg/L	<2	<2	<2	<2	113%
o-xylene	µg/L	<1	<1	<1	<1	113%
Naphthalene	µg/L	<1	<1	<1	<1	[NA]
Surrogate Dibromofluoromethane	%	70	70	82	76	106
Surrogate toluene-d8	%	99	98	99	99	100
Surrogate 4-BFB	%	97	101	100	100	96

vTRH(C6-C10)/BTEXN in Water		
Our Reference		201682-6
Your Reference	UNITS	Trip Blank
Date Sampled		26/09/2018
Type of sample		Water
Date extracted	-	28/09/2018
Date analysed	-	02/10/2018
TRH C <sub>6</sub> - C <sub>9</sub>	µg/L	<10
TRH C <sub>6</sub> - C <sub>10</sub>	µg/L	<10
Benzene	µg/L	<1
Toluene	µg/L	<1
Ethylbenzene	µg/L	<1
m+p-xylene	µg/L	<2
o-xylene	µg/L	<1
Surrogate Dibromofluoromethane	%	100
Surrogate toluene-d8	%	97
Surrogate 4-BFB	%	96



svTRH (C10-C40) in Water					
Our Reference		201682-1	201682-2	201682-3	201682-4
Your Reference	UNITS	BH101	BH102	BH103	BD1/20180926
Date Sampled		26/09/2018	26/09/2018	26/09/2018	26/09/2018
Type of sample		Water	Water	Water	Water
Date extracted	-	02/10/2018	02/10/2018	02/10/2018	02/10/2018
Date analysed	-	03/10/2018	03/10/2018	03/10/2018	03/10/2018
TRH C <sub>10</sub> - C <sub>14</sub>	µg/L	<50	<50	<50	<50
TRH C <sub>15</sub> - C <sub>28</sub>	µg/L	<100	<100	<100	<100
TRH C <sub>29</sub> - C <sub>36</sub>	µg/L	<100	<100	<100	<100
TRH >C <sub>10</sub> - C <sub>16</sub>	µg/L	<50	<50	<50	<50
TRH >C <sub>10</sub> - C <sub>16</sub> less Naphthalene (F2)	µg/L	<50	<50	<50	<50
TRH >C <sub>16</sub> - C <sub>34</sub>	µg/L	<100	<100	<100	<100
TRH >C <sub>34</sub> - C <sub>40</sub>	µg/L	<100	<100	<100	<100
Surrogate o-Terphenyl	%	98	97	97	96

PAHs in Water - Low Level					
Our Reference		201682-1	201682-2	201682-3	201682-4
Your Reference	UNITS	BH101	BH102	BH103	BD1/20180926
Date Sampled		26/09/2018	26/09/2018	26/09/2018	26/09/2018
Type of sample		Water	Water	Water	Water
Date extracted	-	02/10/2018	02/10/2018	02/10/2018	02/10/2018
Date analysed	-	03/10/2018	03/10/2018	03/10/2018	03/10/2018
Naphthalene	µg/L	<0.2	<0.2	<0.2	<0.2
Acenaphthylene	µg/L	<0.1	<0.1	<0.1	<0.1
Acenaphthene	µg/L	<0.1	<0.1	<0.1	<0.1
Fluorene	µg/L	<0.1	<0.1	<0.1	<0.1
Phenanthrene	µg/L	<0.1	<0.1	<0.1	<0.1
Anthracene	µg/L	<0.1	<0.1	<0.1	<0.1
Fluoranthene	µg/L	<0.1	<0.1	<0.1	<0.1
Pyrene	µg/L	<0.1	<0.1	<0.1	<0.1
Benzo(a)anthracene	µg/L	<0.1	<0.1	<0.1	<0.1
Chrysene	µg/L	<0.1	<0.1	<0.1	<0.1
Benzo(b,j+k)fluoranthene	µg/L	<0.2	<0.2	<0.2	<0.2
Benzo(a)pyrene	µg/L	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-c,d)pyrene	µg/L	<0.1	<0.1	<0.1	<0.1
Dibenzo(a,h)anthracene	µg/L	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)perylene	µg/L	<0.1	<0.1	<0.1	<0.1
Benzo(a)pyrene TEQ	µg/L	<0.5	<0.5	<0.5	<0.5
Total +ve PAH's	µg/L	NIL (+)VE	NIL (+)VE	NIL (+)VE	NIL (+)VE
Surrogate <i>p</i> -Terphenyl-d14	%	100	101	99	107

OCP in water - Trace level					
Our Reference		201682-1	201682-2	201682-3	201682-4
Your Reference	UNITS	BH101	BH102	BH103	BD1/20180926
Date Sampled		26/09/2018	26/09/2018	26/09/2018	26/09/2018
Type of sample		Water	Water	Water	Water
Date extracted	-	02/10/2018	02/10/2018	02/10/2018	02/10/2018
Date analysed	-	03/10/2018	03/10/2018	03/10/2018	03/10/2018
HCB	µg/L	<0.001	<0.001	<0.001	<0.001
alpha-BHC	µg/L	<0.001	<0.001	<0.001	<0.001
gamma-BHC	µg/L	<0.001	<0.001	<0.001	<0.001
beta-BHC	µg/L	<0.001	<0.001	<0.001	<0.001
Heptachlor	µg/L	<0.001	<0.001	<0.001	<0.001
delta-BHC	µg/L	<0.001	<0.001	<0.001	<0.001
Aldrin	µg/L	<0.001	<0.001	<0.001	<0.001
Heptachlor Epoxide	µg/L	<0.001	<0.001	<0.001	<0.001
gamma-Chlordane	µg/L	<0.001	<0.001	<0.001	<0.001
alpha-Chlordane	µg/L	<0.001	<0.001	<0.001	<0.001
Endosulfan I	µg/L	<0.002	<0.002	<0.002	<0.002
pp-DDE	µg/L	<0.001	<0.001	<0.001	<0.001
Dieldrin	µg/L	<0.001	0.002	<0.001	<0.001
Endrin	µg/L	<0.001	<0.001	<0.001	<0.001
pp-DDD	µg/L	<0.001	<0.001	<0.001	<0.001
Endosulfan II	µg/L	<0.002	<0.002	<0.002	<0.002
DDT	µg/L	<0.001	<0.001	<0.001	<0.001
Endosulfan Sulphate	µg/L	<0.001	<0.001	<0.001	<0.001
Methoxychlor	µg/L	<0.001	<0.001	<0.001	<0.001
Mirex	µg/L	<0.002	<0.002	<0.002	<0.002
Surrogate <i>p</i> -Terphenyl-d <sub>14</sub>	%	89	80	93	91

OP in water Trace ANZECCF/ADWG					
Our Reference		201682-1	201682-2	201682-3	201682-4
Your Reference	UNITS	BH101	BH102	BH103	BD1/20180926
Date Sampled		26/09/2018	26/09/2018	26/09/2018	26/09/2018
Type of sample		Water	Water	Water	Water
Date extracted	-	02/10/2018	02/10/2018	02/10/2018	02/10/2018
Date analysed	-	03/10/2018	03/10/2018	03/10/2018	03/10/2018
Azinphos-methyl (Guthion)	µg/L	<0.02	<0.02	<0.02	<0.02
Bromophos ethyl	µg/L	<0.2	<0.2	<0.2	<0.2
Chlorpyrifos	µg/L	<0.009	<0.009	<0.009	<0.009
Chlorpyrifos-methyl	µg/L	<0.2	<0.2	<0.2	<0.2
Diazinon	µg/L	<0.01	<0.01	<0.01	<0.01
Dichlorovos	µg/L	<0.2	<0.2	<0.2	<0.2
Dimethoate	µg/L	<0.15	<0.15	<0.15	<0.15
Ethion	µg/L	<0.2	<0.2	<0.2	<0.2
Fenitrothion	µg/L	<0.2	<0.2	<0.2	<0.2
Malathion	µg/L	<0.05	<0.05	<0.05	<0.05
Parathion	µg/L	<0.004	<0.004	<0.004	<0.004
Methyl Parathion	µg/L	<0.2	<0.2	<0.2	<0.2
Ronnel	µg/L	<0.2	<0.2	<0.2	<0.2
Surrogate <i>p</i> -Terphenyl-d <sub>14</sub>	%	89	80	93	91

PCB in water - trace level Aroclors					
Our Reference		201682-1	201682-2	201682-3	201682-4
Your Reference	UNITS	BH101	BH102	BH103	BD1/20180926
Date Sampled		26/09/2018	26/09/2018	26/09/2018	26/09/2018
Type of sample		Water	Water	Water	Water
Date prepared	-	02/10/2018	02/10/2018	02/10/2018	02/10/2018
Date analysed	-	03/10/2018	03/10/2018	03/10/2018	03/10/2018
Aroclor 1016	µg/L	<0.01	<0.01	<0.01	<0.01
Aroclor 1221	µg/L	<0.01	<0.01	<0.01	<0.01
Aroclor 1232	µg/L	<0.01	<0.01	<0.01	<0.01
Aroclor 1242	µg/L	<0.01	<0.01	<0.01	<0.01
Aroclor 1248	µg/L	<0.01	<0.01	<0.01	<0.01
Aroclor 1254	µg/L	<0.01	<0.01	<0.01	<0.01
Aroclor 1260	µg/L	<0.01	<0.01	<0.01	<0.01
Surrogate <i>p</i> -Terphenyl-d14	%	89	80	93	91



Total Phenolics in Water					
Our Reference		201682-1	201682-2	201682-3	201682-4
Your Reference	UNITS	BH101	BH102	BH103	BD1/20180926
Date Sampled		26/09/2018	26/09/2018	26/09/2018	26/09/2018
Type of sample		Water	Water	Water	Water
Date extracted	-	27/09/2018	27/09/2018	27/09/2018	27/09/2018
Date analysed	-	27/09/2018	27/09/2018	27/09/2018	27/09/2018
Total Phenolics (as Phenol)	mg/L	<0.05	<0.05	<0.05	<0.05

HM in water - dissolved					
Our Reference		201682-1	201682-2	201682-3	201682-4
Your Reference	UNITS	BH101	BH102	BH103	BD1/20180926
Date Sampled		26/09/2018	26/09/2018	26/09/2018	26/09/2018
Type of sample		Water	Water	Water	Water
Date prepared	-	27/09/2018	27/09/2018	27/09/2018	27/09/2018
Date analysed	-	27/09/2018	27/09/2018	27/09/2018	27/09/2018
Arsenic-Dissolved	µg/L	<1	<1	<1	<1
Cadmium-Dissolved	µg/L	<0.1	<0.1	<0.1	<0.1
Chromium-Dissolved	µg/L	<1	<1	<1	<1
Copper-Dissolved	µg/L	2	7	1	5
Lead-Dissolved	µg/L	<1	<1	<1	<1
Mercury-Dissolved	µg/L	<0.05	<0.05	<0.05	<0.05
Nickel-Dissolved	µg/L	<1	3	2	2
Zinc-Dissolved	µg/L	13	140	27	31

Cations in water Dissolved					
Our Reference		201682-1	201682-2	201682-3	201682-4
Your Reference	UNITS	BH101	BH102	BH103	BD1/20180926
Date Sampled		26/09/2018	26/09/2018	26/09/2018	26/09/2018
Type of sample		Water	Water	Water	Water
Date digested	-	27/09/2018	27/09/2018	27/09/2018	27/09/2018
Date analysed	-	27/09/2018	27/09/2018	27/09/2018	27/09/2018
Calcium - Dissolved	mg/L	13	42	8.4	8.1
Magnesium - Dissolved	mg/L	12	5.8	7.6	7.3
Hardness	mgCaCO <sub>3</sub> /L	80	130	52	50

Method ID	Methodology Summary
<b>Ext-054</b>	Analysed by MPL Envirolab
<b>Inorg-031</b>	Total Phenolics by segmented flow analyser (in line distillation with colourimetric finish). Solids are extracted in a caustic media prior to analysis.
<b>Metals-020</b>	Determination of various metals by ICP-AES.
<b>Metals-021</b>	Determination of Mercury by Cold Vapour AAS.
<b>Metals-022</b>	Determination of various metals by ICP-MS.
<b>Org-003</b>	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.
<b>Org-005</b>	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC with dual ECD's.
<b>Org-012</b>	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS.
<b>Org-012</b>	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS. Benzo(a)pyrene TEQ as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater - 2013.
<b>Org-012/017</b>	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS and/or GC-MS/MS.
<b>Org-013</b>	Water samples are analysed directly by purge and trap GC-MS.
<b>Org-016</b>	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)-BTX as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater.

QUALITY CONTROL: VOCs in water					Duplicate			Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-W1	[NT]
Date extracted	-			28/09/2018	[NT]	[NT]	[NT]	[NT]	28/09/2018	[NT]
Date analysed	-			02/10/2018	[NT]	[NT]	[NT]	[NT]	02/10/2018	[NT]
Dichlorodifluoromethane	µg/L	10	Org-013	<10	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Chloromethane	µg/L	10	Org-013	<10	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Vinyl Chloride	µg/L	10	Org-013	<10	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Bromomethane	µg/L	10	Org-013	<10	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Chloroethane	µg/L	10	Org-013	<10	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Trichlorofluoromethane	µg/L	10	Org-013	<10	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
1,1-Dichloroethene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Trans-1,2-dichloroethene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
1,1-dichloroethane	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	93	[NT]
Cis-1,2-dichloroethene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Bromochloromethane	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Chloroform	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	96	[NT]
2,2-dichloropropane	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
1,2-dichloroethane	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	96	[NT]
1,1,1-trichloroethane	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	95	[NT]
1,1-dichloropropene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Cyclohexane	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Carbon tetrachloride	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Benzene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Dibromomethane	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
1,2-dichloropropane	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Trichloroethene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	93	[NT]
Bromodichloromethane	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	95	[NT]
trans-1,3-dichloropropene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
cis-1,3-dichloropropene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
1,1,2-trichloroethane	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Toluene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
1,3-dichloropropane	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Dibromochloromethane	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	87	[NT]
1,2-dibromoethane	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Tetrachloroethene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	87	[NT]
1,1,1,2-tetrachloroethane	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Chlorobenzene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Ethylbenzene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Bromoform	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
m+p-xylene	µg/L	2	Org-013	<2	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Styrene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
1,1,2,2-tetrachloroethane	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
o-xylene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]



QUALITY CONTROL: VOCs in water					Duplicate				Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-W1	[NT]
1,2,3-trichloropropane	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Isopropylbenzene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Bromobenzene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
n-propyl benzene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
2-chlorotoluene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
4-chlorotoluene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
1,3,5-trimethyl benzene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Tert-butyl benzene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
1,2,4-trimethyl benzene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
1,3-dichlorobenzene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Sec-butyl benzene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
1,4-dichlorobenzene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
4-isopropyl toluene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
1,2-dichlorobenzene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
n-butyl benzene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
1,2-dibromo-3-chloropropane	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
1,2,4-trichlorobenzene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Hexachlorobutadiene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
1,2,3-trichlorobenzene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Surrogate Dibromofluoromethane	%		Org-013	74	[NT]	[NT]	[NT]	[NT]	92	[NT]
Surrogate toluene-d8	%		Org-013	100	[NT]	[NT]	[NT]	[NT]	99	[NT]
Surrogate 4-BFB	%		Org-013	100	[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-W2	[NT]
Date extracted	-			28/09/2018	[NT]	[NT]	[NT]	[NT]	28/09/2018	[NT]
Date analysed	-			02/10/2018	[NT]	[NT]	[NT]	[NT]	02/10/2018	[NT]
TRH C <sub>6</sub> - C <sub>9</sub>	µg/L	10	Org-016	<10	[NT]	[NT]	[NT]	[NT]	114	[NT]
TRH C <sub>6</sub> - C <sub>10</sub>	µg/L	10	Org-016	<10	[NT]	[NT]	[NT]	[NT]	114	[NT]
Benzene	µg/L	1	Org-016	<1	[NT]	[NT]	[NT]	[NT]	112	[NT]
Toluene	µg/L	1	Org-016	<1	[NT]	[NT]	[NT]	[NT]	114	[NT]
Ethylbenzene	µg/L	1	Org-016	<1	[NT]	[NT]	[NT]	[NT]	114	[NT]
m+p-xylene	µg/L	2	Org-016	<2	[NT]	[NT]	[NT]	[NT]	116	[NT]
o-xylene	µg/L	1	Org-016	<1	[NT]	[NT]	[NT]	[NT]	115	[NT]
Naphthalene	µg/L	1	Org-013	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Surrogate Dibromofluoromethane	%		Org-016	74	[NT]	[NT]	[NT]	[NT]	105	[NT]
Surrogate toluene-d8	%		Org-016	100	[NT]	[NT]	[NT]	[NT]	102	[NT]
Surrogate 4-BFB	%		Org-016	100	[NT]	[NT]	[NT]	[NT]	97	[NT]

QUALITY CONTROL: svTRH (C10-C40) in Water					Duplicate			Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-W2	[NT]
Date extracted	-			02/10/2018	4	02/10/2018	02/10/2018		02/10/2018	[NT]
Date analysed	-			03/10/2018	4	03/10/2018	03/10/2018		03/10/2018	[NT]
TRH C <sub>10</sub> - C <sub>14</sub>	µg/L	50	Org-003	<50	4	<50	<50	0	130	[NT]
TRH C <sub>15</sub> - C <sub>28</sub>	µg/L	100	Org-003	<100	4	<100	<100	0	116	[NT]
TRH C <sub>29</sub> - C <sub>36</sub>	µg/L	100	Org-003	<100	4	<100	<100	0	125	[NT]
TRH >C <sub>10</sub> - C <sub>16</sub>	µg/L	50	Org-003	<50	4	<50	<50	0	130	[NT]
TRH >C <sub>16</sub> - C <sub>34</sub>	µg/L	100	Org-003	<100	4	<100	<100	0	116	[NT]
TRH >C <sub>34</sub> - C <sub>40</sub>	µg/L	100	Org-003	<100	4	<100	<100	0	125	[NT]
Surrogate o-Terphenyl	%		Org-003	79	4	96	98	2	96	[NT]

QUALITY CONTROL: PAHs in Water - Low Level					Duplicate			Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-W3	[NT]
Date extracted	-			02/10/2018	[NT]	[NT]	[NT]	[NT]	02/10/2018	[NT]
Date analysed	-			03/10/2018	[NT]	[NT]	[NT]	[NT]	03/10/2018	[NT]
Naphthalene	µg/L	0.2	Org-012	<0.2	[NT]	[NT]	[NT]	[NT]	97	[NT]
Acenaphthylene	µg/L	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Acenaphthene	µg/L	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Fluorene	µg/L	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	97	[NT]
Phenanthrene	µg/L	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	106	[NT]
Anthracene	µg/L	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Fluoranthene	µg/L	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	102	[NT]
Pyrene	µg/L	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	93	[NT]
Benzo(a)anthracene	µg/L	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Chrysene	µg/L	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	99	[NT]
Benzo(b,j+k)fluoranthene	µg/L	0.2	Org-012	<0.2	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Benzo(a)pyrene	µg/L	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	103	[NT]
Indeno(1,2,3-c,d)pyrene	µg/L	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Dibenzo(a,h)anthracene	µg/L	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Benzo(g,h,i)perylene	µg/L	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Surrogate p-Terphenyl-d14	%		Org-012	98	[NT]	[NT]	[NT]	[NT]	103	[NT]

QUALITY CONTROL: OCP in water - Trace level					Duplicate			Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-W1	[NT]
Date extracted	-			02/10/2018	[NT]	[NT]	[NT]	[NT]	02/10/2018	[NT]
Date analysed	-			03/10/2018	[NT]	[NT]	[NT]	[NT]	03/10/2018	[NT]
HCB	µg/L	0.001	Org-005	<0.001	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
alpha-BHC	µg/L	0.001	Org-005	<0.001	[NT]	[NT]	[NT]	[NT]	74	[NT]
gamma-BHC	µg/L	0.001	Org-005	<0.001	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
beta-BHC	µg/L	0.001	Org-005	<0.001	[NT]	[NT]	[NT]	[NT]	85	[NT]
Heptachlor	µg/L	0.001	Org-005	<0.001	[NT]	[NT]	[NT]	[NT]	74	[NT]
delta-BHC	µg/L	0.001	Org-005	<0.001	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Aldrin	µg/L	0.001	Org-005	<0.001	[NT]	[NT]	[NT]	[NT]	73	[NT]
Heptachlor Epoxide	µg/L	0.001	Org-005	<0.001	[NT]	[NT]	[NT]	[NT]	75	[NT]
gamma-Chlordane	µg/L	0.001	Org-005	<0.001	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
alpha-Chlordane	µg/L	0.001	Org-005	<0.001	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Endosulfan I	µg/L	0.002	Org-005	<0.002	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
pp-DDE	µg/L	0.001	Org-005	<0.001	[NT]	[NT]	[NT]	[NT]	73	[NT]
Dieldrin	µg/L	0.001	Org-005	<0.001	[NT]	[NT]	[NT]	[NT]	75	[NT]
Endrin	µg/L	0.001	Org-005	<0.001	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
pp-DDD	µg/L	0.001	Org-005	<0.001	[NT]	[NT]	[NT]	[NT]	73	[NT]
Endosulfan II	µg/L	0.002	Org-005	<0.002	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
DDT	µg/L	0.001	Org-005	<0.001	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Endosulfan Sulphate	µg/L	0.001	Org-005	<0.001	[NT]	[NT]	[NT]	[NT]	73	[NT]
Methoxychlor	µg/L	0.001	Org-005	<0.001	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Mirex	µg/L	0.002	Org-012	<0.002	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Surrogate <i>p</i> -Terphenyl-d <sub>14</sub>	%		Org-012	115	[NT]	[NT]	[NT]	[NT]	94	[NT]



QUALITY CONTROL: OP in water Trace ANZECCF/ADWG					Duplicate				Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-W1	[NT]
Date extracted	-			02/10/2018	[NT]	[NT]	[NT]	[NT]	02/10/2018	[NT]
Date analysed	-			03/10/2018	[NT]	[NT]	[NT]	[NT]	03/10/2018	[NT]
Azinphos-methyl (Guthion)	µg/L	0.02	Ext-054	<0.02	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Bromophos ethyl	µg/L	0.2	Ext-054	<0.2	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Chlorpyrifos	µg/L	0.009	Ext-054	<0.009	[NT]	[NT]	[NT]	[NT]	85	[NT]
Chlorpyrifos-methyl	µg/L	0.2	Ext-054	<0.2	[NT]	[NT]	[NT]	[NT]	81	[NT]
Diazinon	µg/L	0.01	Ext-054	<0.01	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Dichlorovos	µg/L	0.2	Ext-054	<0.2	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Dimethoate	µg/L	0.15	Ext-054	<0.15	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Ethion	µg/L	0.2	Ext-054	<0.2	[NT]	[NT]	[NT]	[NT]	74	[NT]
Fenitrothion	µg/L	0.2	Ext-054	<0.2	[NT]	[NT]	[NT]	[NT]	75	[NT]
Malathion	µg/L	0.05	Ext-054	<0.05	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Parathion	µg/L	0.004	Ext-054	<0.004	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Methyl Parathion	µg/L	0.2	Ext-054	<0.2	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Ronnel	µg/L	0.2	Ext-054	<0.2	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Surrogate <i>p</i> -Terphenyl-d <sub>14</sub>	%		Ext-054	115	[NT]	[NT]	[NT]	[NT]	94	[NT]

QUALITY CONTROL: PCB in water - trace level Aroclors					Duplicate			Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-W1	[NT]
Date prepared	-			02/10/2018	[NT]	[NT]	[NT]	[NT]	02/10/2018	[NT]
Date analysed	-			03/10/2018	[NT]	[NT]	[NT]	[NT]	03/10/2018	[NT]
Aroclor 1016	µg/L	0.01	Org-012/017	<0.01	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Aroclor 1221	µg/L	0.01	Org-012/017	<0.01	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Aroclor 1232	µg/L	0.01	Org-012/017	<0.01	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Aroclor 1242	µg/L	0.01	Org-012/017	<0.01	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Aroclor 1248	µg/L	0.01	Org-012/017	<0.01	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Aroclor 1254	µg/L	0.01	Org-012/017	<0.01	[NT]	[NT]	[NT]	[NT]	77	[NT]
Aroclor 1260	µg/L	0.01	Org-012/017	<0.01	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Surrogate <i>p</i> -Terphenyl-d14	%		Ext-054	115	[NT]	[NT]	[NT]	[NT]	94	[NT]

QUALITY CONTROL: Total Phenolics in Water						Duplicate		Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-W1	[NT]
Date extracted	-			27/09/2018	[NT]	[NT]	[NT]	[NT]	27/09/2018	[NT]
Date analysed	-			27/09/2018	[NT]	[NT]	[NT]	[NT]	27/09/2018	[NT]
Total Phenolics (as Phenol)	mg/L	0.05	Inorg-031	<0.05	[NT]	[NT]	[NT]	[NT]	98	[NT]

QUALITY CONTROL: HM in water - dissolved					Duplicate			Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-W2	[NT]
Date prepared	-			27/09/2018	1	27/09/2018	27/09/2018		27/09/2018	[NT]
Date analysed	-			27/09/2018	1	27/09/2018	27/09/2018		27/09/2018	[NT]
Arsenic-Dissolved	µg/L	1	Metals-022	<1	1	<1	<1	0	100	[NT]
Cadmium-Dissolved	µg/L	0.1	Metals-022	<0.1	1	<0.1	<0.1	0	101	[NT]
Chromium-Dissolved	µg/L	1	Metals-022	<1	1	<1	<1	0	98	[NT]
Copper-Dissolved	µg/L	1	Metals-022	<1	1	2	2	0	89	[NT]
Lead-Dissolved	µg/L	1	Metals-022	<1	1	<1	<1	0	96	[NT]
Mercury-Dissolved	µg/L	0.05	Metals-021	<0.05	1	<0.05	<0.05	0	98	[NT]
Nickel-Dissolved	µg/L	1	Metals-022	<1	1	<1	<1	0	99	[NT]
Zinc-Dissolved	µg/L	1	Metals-022	<1	1	13	13	0	98	[NT]

QUALITY CONTROL: Cations in water Dissolved						Duplicate		Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-W1	[NT]
Date digested	-			27/09/2018	1	27/09/2018	27/09/2018		27/09/2018	[NT]
Date analysed	-			27/09/2018	1	27/09/2018	27/09/2018		27/09/2018	[NT]
Calcium - Dissolved	mg/L	0.5	Metals-020	<0.5	1	13	13	0	105	[NT]
Magnesium - Dissolved	mg/L	0.5	Metals-020	<0.5	1	12	12	0	101	[NT]
Hardness	mgCaCO3/L	3		[NT]	1	80	80	0	[NT]	[NT]



**Result Definitions**

<b>NT</b>	Not tested
<b>NA</b>	Test not required
<b>INS</b>	Insufficient sample for this test
<b>PQL</b>	Practical Quantitation Limit
<b>&lt;</b>	Less than
<b>&gt;</b>	Greater than
<b>RPD</b>	Relative Percent Difference
<b>LCS</b>	Laboratory Control Sample
<b>NS</b>	Not specified
<b>NEPM</b>	National Environmental Protection Measure
<b>NR</b>	Not Reported

**Quality Control Definitions**

<b>Blank</b>	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.
<b>Duplicate</b>	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.
<b>Matrix Spike</b>	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.
<b>LCS (Laboratory Control Sample)</b>	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.
<b>Surrogate Spike</b>	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.	

## 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; 60-140% for organics (+/-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.

Measurement Uncertainty estimates are available for most tests upon request.

## Report Comments

OCP/OP/PCB analysed by MPL. Report no. 216624

FPM - ENVID/Form COC 02

## SAMPLE RECEIPT ADVICE

### Client Details

<b>Client</b>	Douglas Partners Pty Ltd
<b>Attention</b>	John Russell, Lisa Teng

### Sample Login Details

<b>Your reference</b>	86266.04, 13-23 Gibbon St, Redfern
<b>Envirolab Reference</b>	201682
<b>Date Sample Received</b>	26/09/2018
<b>Date Instructions Received</b>	26/09/2018
<b>Date Results Expected to be Reported</b>	04/10/2018

### Sample Condition

<b>Samples received in appropriate condition for analysis</b>	YES
<b>No. of Samples Provided</b>	6 Water
<b>Turnaround Time Requested</b>	Standard
<b>Temperature on Receipt (°C)</b>	11.2
<b>Cooling Method</b>	Ice Pack
<b>Sampling Date Provided</b>	YES

### Comments

Nil

Please direct any queries to:

<b>Aileen Hie</b>	<b>Jacinta Hurst</b>
<b>Phone:</b> 02 9910 6200	<b>Phone:</b> 02 9910 6200
<b>Fax:</b> 02 9910 6201	<b>Fax:</b> 02 9910 6201
<b>Email:</b> ahie@envirolab.com.au	<b>Email:</b> jhurst@envirolab.com.au

Analysis Underway, details on the following page:





**Envirolab Services Pty Ltd**

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ph 02 9910 6200 fax 02 9910 6201

customerservice@envirolab.com.au

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Sample ID	VOCs in water	VTRH(C6-C10)/BTEXN in Water	svTRH (C10-C40) in Water	PAHs in Water - Low Level	OCP in water - Trace level	OP in water Trace ANZECC/ADWG	PCB in water - trace level/Aroclors	Total Phenolics in Water	HM in water - dissolved	Cations in water Dissolved
BH101	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BH102	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BH103	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BD1/20180926	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Trip Spike		✓								
Trip Blank		✓								

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.