

Phase 1 Environmental Site Assessment and Geotechnical Desktop Study

600-660 Elizabeth Street, Redfern NSW



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600-660 Elizabeth Street, Redfern NSW

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Executive Summary

Introduction

AECOM Australia Pty Ltd (AECOM) has been engaged by the New South Wales (NSW) Land and Housing Corporation (LAHC) to undertake a Phase 1 Environmental Site Assessment (ESA) and Geotechnical Desktop Study for the portion of land identified as 600–660 Elizabeth Street, Redfern NSW (hereafter referred to as “the Site”).

It is understood that LAHC seeks to provide new social housing and the Site presents a valuable opportunity to deliver a community focused precinct centred on improved public domain and facilities. The high profile site forms part of the wider Redfern social housing estate which has been nominated as a State Significant Precinct (SSP) where building on previous studies, requires detailed investigations on the capacity of existing infrastructure (utilities and transport) and constraints (geotechnical and contamination).

Phase 1 ESA

The objectives of the Phase 1 ESA are to:

- identify the potential for soil and groundwater contamination at the Site.
- provide recommendations for further assessment, which may be required to support the redevelopment of the site for new social housing.

To achieve the objective, the following scope of work was undertaken:

- Review of available and relevant drawings / plans / photographs / databases / reports / council and government records relating to the Site.
- Assessment of areas where potentially contaminating land uses occurred within or in the vicinity of the site.
- Preparation of this report including recommendations made for additional investigations.

The key findings of the Phase 1 ESA are summarised below:

- The Site has primarily been used for a mixture of residential, commercial and/or light industrial purposes, while the surrounding area has been used for commercial/industrial (typically north, south and west of the Site), residential (surrounding the Site) and recreational (east of the Site) purposes.
- A Stage 2 soil and groundwater investigation undertaken by PB (2004) indicated concentrations of lead, benzo(a)pyrene (B(a)P), sum of polycyclic aromatic hydrocarbons (PAHs), toluene, total petroleum hydrocarbons (TPH) C₁₀-C₃₆ in soil, heavy metals and up-gradient B(a)P and sum of PAHs in groundwater exceeding the adopted assessment criteria for the proposed residential land use.
- A Site Audit Statement (SAS), (Golder, 2005) concluded that the Site was not suitable for the proposed medium density residential land use and a Remediation Action Plan (RAP) was required to address identified contamination (PB, 2004).
- The preliminary conceptual site model (CSM), (presented in **Section 7.0**) identifies potential sources of contamination, receptors and exposure pathways. Potential sources of contamination identified during the Phase 1 ESA which may impact the condition of soil and groundwater within the Site and its surrounds include the following:
 - Commercial and industrial properties in the immediate surrounding areas including: car

- Historical use of lead based paints on the interior and exterior of historical and current buildings.
- Concentrations of lead and polycyclic aromatic hydrocarbons (PAHs) in soil identified as part of the ERM (2001) investigation.
- Known concentrations of lead, B(a)P, sum of PAHs, toluene, TPH C₁₀-C₃₆ in soil, heavy metals and up-gradient B(a)P and sum of PAHs in groundwater and potential acid sulfate soils as noted in the SAS (Golder, 2005) and as identified by PB (2004).

Based on the findings of this Stage 1 ESA and preliminary CSM developed for the Site, AECOM recommends undertaking the following additional stages of work:

- Completion of a hazardous materials (HAZMAT) survey of buildings and associated infrastructure erected since pre-1960s located in the southern portion of the Site prior to demolition works.
- Completion of a Stage 2 contamination assessment to characterise the nature and extent of potential soil and groundwater contamination, targeting the potential areas of concern identified within the Site and also the proposed locations of excavation works. Soil and groundwater samples should be analysed for the identified CoPCs listed in **Section 7.1** and assessed in accordance with the National Environment Protection (Assessment of Site Contamination) Measure 1999 (ASC NEPM, 2013). The cost of the initial Stage 2 contamination assessment would be informed by the proposed development plans for the Site and existing access constraints.

Geotechnical Desktop Study

Development of commercial and residential towers with basements should be practicable on the 600 - 660 Elizabeth Street Redfern site from a geotechnical perspective using conventional structural elements and normal construction techniques.

The ground profile and groundwater conditions at the site are likely to comprise:

- Fill – 0 m to 2 m deep
- Botany Sands – generally Sand, but potentially containing layers and lenses of peat and organic clay
- Residual Soil over Shale or Sandstone Bedrock – The depth to rock is likely to range from 8 m to 12 m across the site.
- Groundwater – at depths of 3 m to 4.5 m. However, levels could rise to the ground surface during heavy or prolonged rainfall.

Geotechnical challenges are likely to include:

- High groundwater table
- Saturated, cohesionless soil layers within the Botany Sands
- Compressible soils
- Interaction with existing services and structures.

These challenges should be able to be managed by conventional retention and foundation systems. Tanked basements are likely to be required due to the potential for shallow groundwater. Relatively stiff boundary retention systems may be required to limit ground displacements beyond the site boundaries.

The further investigations that are planned would provide adequate information for concept design of commercial/residential tower developments with basements.

1.0 Introduction

AECOM Australia Pty Ltd (AECOM) has been engaged by the New South Wales (NSW) Land and Housing Corporation (LAHC) to undertake a Phase 1 Environmental Site Assessment (ESA) and Geotechnical Desktop Study for the portion of land identified as 600 to 660 Elizabeth Street, Redfern NSW (hereafter referred to as “the Site”).

The Site comprises Lots 3, 4 and 5 in deposited plan (DP) 456634 and covers an area of 1.077 hectares (ha). The location of the Site is shown on Figure 1 and the Site Layout is shown on Figure 2 in **Appendix A**.

1.1 Background

It is understood that LAHC seeks to provide new social housing and Site presents a valuable opportunity to deliver a community focused precinct centred on improved public domain and facilities. The high profile Site forms part of the wider Redfern social housing estate which has been nominated as a State Significant Precinct (SSP) where building on previous studies, requires detailed investigations on the capacity of existing infrastructure (utilities and transport) and constraints (geotechnical, contamination).

The purpose of the Phase 1 ESA and Geotechnical Desktop Study is to inform the redevelopment of the site in line with the “Future Directions for Social Housing in NSW” strategy. This assessment will provide a baseline investigation which can be used to inform future planning for the site and highlight constraints early on in the planning process.

1.2 Phase 1 ESA Objectives

The objectives of the Phase 1 ESA are to:

- Identify the potential for soil and groundwater contamination at the Site; and
- Provide recommendations for further assessment required to support the redevelopment of the site for new social housing.

1.3 Phase 1 ESA Scope of Work

To achieve the objective, the following scope of work was undertaken:

- Review of available drawings / plans / reports relating to the site.
- A search of the NSW EPA contaminated land records for the site and surrounding area.
- A search of WorkCover dangerous goods records.
- Review of local council records, including the Council Section 149 certificate for the site
- Review of historical lands title records.
- Review of historical aerial photographs to identify the presence of any potentially contaminating land uses within and surrounding the site.
- Review of published maps (geology, hydrogeology, soil and topography) of the area to gain an understanding of surface and subsurface conditions.
- Search and review of information readily available through the internet (e.g. historic parish maps and online historical information).
- Completion of an Office of Water [NOW] registered groundwater bore database review to identify groundwater bores within the area.
- Assessment of areas where potentially contaminating land uses occurred within or in the vicinity of the site.
- Review of previous investigations relevant to the site provided by LAHC.

- Preparation of this Phase 1 report including recommendations for additional investigations in those areas where potentially contaminating land uses within or in the vicinity of the site were identified.

1.4 Phase 1 ESA Relevant Guidelines

AECOM completed the Phase 1 ESA with reference to the following guidelines:

- National Environment Protection Measure (NEPM), *Assessment of Site Contamination (ASC)* (National Environment Protection Council [NEPC], 1999 as amended (2013) (the ASC NEPM).
- NSW EPA (2017). *Contaminated Land Management Guidelines for the NSW Site Auditor Scheme (3rd Edition)*. State of NSW and Environment Protection Authority.
- NSW OEH (2011). *Guidelines for Consultants Reporting on Contaminated Sites*. NSW Government Office of Environment & Heritage (OEH).

1.5 Geotechnical Desktop Study Objectives

The objectives of the desktop geotechnical study were to provide assessments of:

- Ground conditions and groundwater.
- Geotechnical constraints to inform planning and concept design development.
- Further geotechnical investigations.

1.6 Geotechnical Information Sources

The following information was used in the geotechnical desktop study:

- Sydney 1:100,000 Geological Series Sheet 9130.
- The NSW office of Environment and Heritage Acid Sulphate Soil Map.
- Sydney Local Environmental Plan (LEP) 2012, the ASS map Sheet 016 and 017.
- NSW Office of Groundwater borehole information.
- Borehole information from the AECOM database from unrelated projects and boreholes drilled from a previous investigation conducted at the site.

2.0 Site Identification

The Site identification details are presented in **Table 1**.

Table 1 Site Identification

Item	Description
Site Address	600 to 660 Elizabeth Street, Redfern NSW 2016
Legal Description ⁽¹⁾	Lots 3, 4 and 5 DP 456634
Site Area ⁽²⁾	Approximately 1.077 ha
Site Owner	NSW Land and Housing Corporation
Local Government Authority	Council of the City of Sydney
Current Zoning ⁽³⁾	Zone No. 2 (b) Residential (Medium Density) – 600 to 614 Elizabeth Street, Redfern Zone No. 5 Special Uses (Activity Centre) – 616 to 660 Elizabeth Street, Redfern
Current Land Use	Vacant and South Sydney Police Citizens Youth Club (PCYC)
Proposed land use	Social housing
Site Elevation (m AHD) ⁽⁴⁾	30
Site Location	Figure 1 Appendix A
Site Layout	Figure 2 Appendix A

1. Section 149 certificates (refer **Appendix E**) obtained from City of Sydney Council lists 600-614 Elizabeth St as Lots 3, 4 and 5 DP 456634 and 616-660 Elizabeth St as Lots 7 to 11 DP 35793 which are not listed on the current certificate of title or on the NSW Government Spatial Information Exchange
2. Spatial Information Exchange Viewer (www.maps.six.nsw.gov.au)
3. Council of the City of Sydney – South Sydney Local Environmental Plan (LEP) 1998 (as amended)
4. Lotsearch (12 March 2018) *Environmental Risk and Planning Report, 600-660 Elizabeth Street, Redfern, NSW 2016*, Lotsearch Reference: LS002993

3.0 Previous Environmental Investigations

A summary of the findings of the previous investigations undertaken at the Site are summarised below.

3.1 ERM (2001) Phase 1 Site Contamination Assessment

ERM Australia Pty Limited (ERM) was commissioned by Housing Finance Investment Group to undertake a Phase 1 Contamination Assessment of a number of properties located on Elizabeth Street, Redfern. At the time of the Contamination Assessment, the land located between Elizabeth, Phillip, Moorehead and Kettle Streets was proposed to be redeveloped to comprise 88 new public housing dwellings on the eastern street block and a six-storey housing development comprising 162 residential apartments for private sale on the western street block. The land assessed by ERM as part of the Contamination Assessment incorporated the Site forming the subject of this Phase 1 report and the adjacent land located immediately east of the Site on Moorehead Street.

The objective of the Contamination Assessment was to:

- Determine if there was any human health or environmental issues that would preclude the redevelopment of the site.
- Assess the need for any additional site investigation works based on the findings of the Contamination Assessment report.

The scope of the Contamination Assessment involved the review of available information including historical documents, aerial photographs and maps to establish the history of activities undertaken on the Site. A site inspection was undertaken and an intrusive investigation comprising drilling and sampling of soil from 10 boreholes. Soil samples were field screened using a photoionisation detector (PID) for volatile organic compounds (VOCs) and soil samples were analysed for heavy metals (lead only in BH2 to BH5), organochlorine pesticides (OCPs) and polycyclic aromatic hydrocarbons (PAHs).

At the time of the investigation the PCYC was present on the southern portion of the Site. Residential properties on Elizabeth Street within the northern portion of the Site were observed to comprise semi-detached two storey houses. It was noted that small gardens were located at the front and back of the houses. At the time of the site inspection no evidence of underground storage tanks (USTs) were noted. During the site investigation, anecdotal evidence supplied by personnel from the PCYC indicated that the corner of Elizabeth and Phillip Street may have historically been a small rubbish dump. A borehole was advanced in this area to determine if any layers of fill were present.

The sampling regime was based on site access to the PCYC, various housing commission properties and in coordination with the requirements of the geotechnical site investigation. ERM noted that the ten boreholes were evenly spaced across the Site. ERM noted that the investigation was not intended to comply with NSW EPA guidelines and therefore at the time of the Contamination Assessment it was envisaged that additional assessment works would be required to provide adequate site coverage.

Soil samples were collected from each borehole around approximately 0.2 to 0.5 metres below ground surface and analysed. ERM noted that the intent was to characterise the near surface fill material at the site. Soil samples were collected directly from solid stem augers. It is noted that composite samples were collected combining soil from 8 locations across the Site. These results have not been summarised as they are not considered representative of the material on Site.

The Figure 2 sampling location plan indicates that five (BH1 to BH5) of the 10 boreholes were located on the Site located at 600-660 Elizabeth Street Redfern and five boreholes (BH6 to BH10) were located to the east of the Site between Moorehead and Walker Streets.

Fill materials were encountered in all five boreholes ranging from 0.6 (BH2 north-eastern portion) to 2.0 (BH1 south-eastern corner adjacent PCYC) metres below ground surface. Fill materials comprised gravelly sand, sand and clayey sand with brick inclusions. Black staining was noted in BH1 within fill materials. Fill materials were underlain by layers of natural Peaty Sand and Sand. Boreholes were terminated between 3 and 4 metres below ground surface. Saturated soils were encountered in permeable soil materials at approximately 2.5 to 3.0 metres below ground surface.

The soil analytical results, assessed against the Soil Investigation Level A (SIL A) for proposed residential land use from the NSW EPA (1998) Guidelines for the NSW Site Auditor Scheme, indicated the following:

- OCPs were not detected in any of the soil samples analysed.
- Concentrations of lead on Site ranged from 110 mg/kg (BH4/0.2) to 170 mg/kg (BH3/0.3) which were less than the SIL A criterion for lead of 300 mg/kg.
- Concentrations of lead on the eastern portion (east of the Site) ranged from 130 mg/kg (BH7/0.2) to 650 mg/kg (BH8/0.3). The concentration of lead at BH8/0.3 (located on the southern boundary of the eastern portion of the site i.e. east of the Site) exceeded the SIL A criterion – 300 mg/kg.
- One sample from BH1/0.3 was analysed for PAHs. The results were not presented in the report but ERM noted that concentrations of PAHs, in particular a concentration of benzo(a)pyrene – 9 mg/kg exceeded the adopted SIL A criterion of 1 mg/kg and a concentration of total PAHs – 112.5 mg/kg exceeded the adopted SIL A criterion of 20 mg/kg.

Based on the results obtained as part of the Contamination Assessment, ERM recommended the following additional site investigation:

- Soil sampling across the site to fulfil the sampling density requirements of the NSW EPA (1995) Sampling Design Guidelines. ERM noted that this should include additional boreholes to further assess PAH contamination at BH1 and lead at BH8 (located to the east of the Site).
- Installation of groundwater monitoring wells across the site to assess the potential impact on groundwater.

3.2 Golder (2005) Site Audit Report and Site Audit Statement

AECOM reviewed the following reports:

- Golder Associates Pty Ltd (Golder) (2005) *Site Summary Audit Report (Statutory) Stage 2 Environmental Site Assessment of Lot 1 & 2 in DP435765, and Lots 3, 4 & 5 in DP456634 Redfern, NSW*, June 2005
- NSW EPA Accredited Site Auditor Kylie Lloyd of Golder Associates (23 June 2005) *NSW Site Auditor Scheme Site Audit Statement* (Site Audit Statement No. KJL003). A copy of the Site Audit Statement (SAS) is included in **Appendix G**.

The findings of the Site Audit Report (SAR) and SAS are summarised below:

- The SAS was carried out at the request of Ms Helen Wood on behalf of the Department of Housing and was based on the findings of a Stage 2 ESA prepared by PB (December 2004) which was undertaken across the entire Site. The SAS was issued to review the status of the Site with respect to ground contamination based on investigations by PB (2004) and to conclude whether the Site is suitable for the intended redevelopment of medium density residential landuse.
- The SAS was prepared for part of the Site comprising Lots comprising Lots 3, 4 and 5 in DP 456634 listed on the SAS as 600-602 Elizabeth Street, Redfern NSW 2016 and for the Site immediately east between Walker Street and Moorehead Street and bounded by Kettle Street and Phillip Street listed as Lots 1 and 2 in DP435765 comprising Curtis Place, 44-52 Moorehead Street, 57-75 Walker Street and 35 Kettle Street, Redfern NSW.
- Anecdotal information obtained by PB (2004) indicated that the Site was occupied by residential terraces in the 1940s which were demolished in the 1950s and demolition waste was spread across the Site prior to the construction of the current buildings. Anecdotal information obtained by PB (2004) also indicated a small rubbish dump was once located on the corner of Elizabeth and Phillip Streets. The Auditor noted that the source of fill on the Site was not definitive and agreed that a Phase 2 Investigation was warranted.

- The SAS noted that the ERM (2001) Phase 1, a Sampling Analysis and Quality Plan (SAQP) prepared by PB (May 2004) and a letter of correspondence from PB dated 28 February 2005 had also been reviewed.
- As part of the Phase 2 ESA undertaken by PB, a total of 32 boreholes (13 [BH101 to BH113] on the western portion i.e. the Site) were drilled to a maximum depth of 3 metres below ground level (m bgl) to allow for the collection of soil samples at the surface, 0.3-0.5 m and then at 0.5 m intervals. Approximately two to four primary samples per borehole (total 63 primary samples – 28 collected from fill materials and 35 from natural soils) were analysed for heavy metals, total petroleum hydrocarbons (TPH), benzene, toluene, ethylbenzene and xylenes (BTEX), PAHs, organochlorine pesticides (OCPs), polychlorinated biphenyls (PCBs) and asbestos.
- PB (2004) installed four groundwater monitoring wells (MW1 to MW4) – MW1 and MW2 were installed on the western portion (i.e. the Site). The depths of well installation were unknown from reviewing the SAR (Golder, 2005). Standing water levels were noted to range from 2.1 to 3.9 m bgl. Four primary groundwater samples were collected and analysed for heavy metals, TPH, BTEX and PAHs.
- Observations undertaken during drilling indicated the Site comprised sandy topsoil fill to 0.2 m bgl which was underlain by sand fill with demolition rubble – broken bricks and concrete, glass, metal, coal, charcoal and ash inclusions. The maximum depth of fill materials was 1.5 m bgl with the exception of BH126 on the eastern boundary adjacent Moorehead Street (i.e. off-Site) where fill materials were encountered to 3.5 m bgl. Natural sands were encountered at an average depth of 1.0 m bgl. In the Western portion of the Site (i.e. the Site) it was noted that a band of peaty clay approximately 2 m in thickness was present underlying the natural sand.
- The soil analytical results were compared to NSW Environment Protection Authority (EPA) (1998) Guidelines for the NSW Site Auditor Scheme – Residential with gardens and accessible soil criteria (health investigation level [HIL]) and provisional phytotoxicity criteria (ecological investigation level [EIL]) and NSW EPA (1994) Guidelines for Assessing Service Station Sites and groundwater analytical results were compared to Australia and New Zealand Environment Conservation Council (ANZECC) (2000) Guidelines for Fresh and Marine Water Quality – trigger values for 95% species protection in freshwater.
- The soil analytical results indicated concentrations of lead, toluene, TPH C₁₀-C₃₆, benzo(a)pyrene and sum of PAHs in selected samples exceeded the HIL and concentrations of copper, lead, zinc and mercury in selected samples exceeded the EIL. No asbestos was detected in any of the 26 samples analysed.
- Three soil samples were collected from peaty clay and were tested for field pH and post oxidation with hydrogen peroxide. The results indicated potential acid sulfate soils.
- The groundwater analytical results indicated concentrations of chromium, copper, lead and zinc above the ANZECC (2000) criteria, however PB (2004) reported they were likely to reflect regional groundwater quality and not representative of Site-derived contamination. Concentrations of benzo(a)pyrene and Sum of PAHs were detected in MW3 (located on the northern boundary of the eastern portion i.e. off-Site) and exceeded the ANZECC (2000) criteria.
- The Auditor noted that “contaminated material in the form of heavy metals, namely, lead, zinc, copper and mercury are present in the fill material across the Site, to depths of up to 2.5 metres in some locations. Elevation concentration of TPH and PAH (in the form of benzo(a)pyrene) have been reported mainly on the western portion of the Site. The TPH and PAH exceedances have been reported in both fill and natural material. The natural organic/clay material below the Site were reported to contain elevated concentrations of TPH fractions. PB performed subsequent speciation of examples of this material reporting that as the aliphatic fractions were greater than the aromatic fractions, then the elevated TPH fractions are likely to be from a natural source. The Auditor does not agree with this assertion and considers further evaluation of this material is required as part of the Remediation Action Plan. The Auditor considers the concentrations of metals, TPH and PAH present at the Site unsuitable for development of the Site for residential purposes. The Auditor agrees with PB that this material be remediated and managed and that a Remediation Action Plan is required. Based on groundwater quality on sites around Sydney, it is

reasonable to assume that low concentrations of some metals would occur. The Auditor therefore concurs with the PB conclusions that the exceedences of copper, lead and zinc in groundwater are not significant and possibly represent background conditions.”

- The Auditor assessment of risk indicated the following:
 - Potential receptors: residents, workers, visitors and trespassers exposed to any surface soils and utility or construction workers involved in excavations at the Site, either associated with developing the ultimate Site end use of at subsequent times;
 - Exposure pathways for surface soils – dermal contact, inhalation of dust and incidental ingestion and subsurface soils – dermal contact, inhalation of dust and incidental ingestion;
 - Elevated concentrations of lead were identified on the south-east of the Site where access to soils is currently limited due to the presence of grass or asphalt;
 - Elevated concentrations of TPH to a depth of 1.5 m bgl across the western portion of the Site. The Auditor recommended additional evidence be required such as TPH analysis of soil samples using silica gel clean up to determine the potential source;
 - Elevated concentrations of PAH were noted in the top 0.5 m of material across the Site;
 - PB concluded that based on the Phase 2 findings there was insufficient evidence of a historical rubbish dump in the south-west corner of the Site;
 - There is high potential for acid sulfate soils across the Site;
 - The risk associated with exposure to surface soils, impacted with concentrations of contaminants in exceedence of HILs, by residents on-Site in its current state is considered to be significant;
 - The contaminant levels in soils have the potential for exposure of organisms and indicate that ecological impacts, if relevant, from the fill would be notable;
 - Given the Site will be redeveloped for residential land use, aesthetic impacts (i.e. visual and odour), must be addressed during the redevelopment of the Site; and
 - The Auditor considers that based on the results of the soil and groundwater investigation, the potential for migration of contaminants from the Site is considered to be low.
- The SAS indicated that the nature and extent of the contamination has been appropriately determined and “The Auditor concludes that the land in its present form is not suitable for medium density residential land use, and to achieve suitability a Remediation Action Plan is required to address the contamination encountered during the Stage 2 Environmental Site Assessment.”

AECOM notes that based on a review of historical aerial images the eastern portion of the Site (i.e. off-Site) between Moorehead and Walker Streets was redeveloped with high density residential land use post 2004.

3.3 PB (2007) Remediation Status Letter

Documents obtained by LAHC from City of Sydney Council included a letter addressed to LFA Pty Ltd (an architectural firm who designed “Redfern East Social Housing Project” immediately east of the Site) written by Parsons Brinckerhoff Australia Pty Limited (PB) dated 14 May 2007 titled *Re: Findings of Phase 2 ESA and remedial requirements, Redfern*.

The letter noted that the eastern portion of the Site was investigated by PB (2004) comprising Lot 1 and 2 of DP 435765 which was “proposed to be developed for 40 town houses and 66 apartments (following demolition of the existing housing and remediation).” In the letter PB concluded that “while potential environmental constraints to redevelopment of the Site have been identified, the previous Phase 2 ESA concluded that by excavation and off Site disposal of the impacted soils the Site can be adequately remediated to a level suitable for residential land use. Based upon the extent and nature of the contamination PB considers that the Site can be remediated to a level suitable for ongoing residential (with soils access) land use.”

3.4 AECOM (2012) Phase 1 Contamination Assessment

AECOM prepared a Phase 1 contamination assessment for Scott Carver Pty Ltd on behalf of Department of Finance and Services (DoFS) for two public housing sites at Redfern and Waterloo (the Study Area) as documented in *Phase 1 Contamination Assessment, Redfern Waterloo Sustainable Servicing and Supporting Infrastructure*, 13 August 2012. It is noted that the Study Area assessed by AECOM (2012) comprised the Site within the Redfern (eastern) portion as well as land immediately north and east of the Site. It also included the Waterloo (western) portion located approximately 350 m south-west of the Site.

The purpose of the assessment was to evaluate the land use suitability and potential contamination issues of the Study Area.

The objectives of the Phase 1 contamination assessment were to carry out a broad scale evaluation of known or likely areas of contaminated land within and around the Study Area, specifically to:

- Identify known or likely sources of contamination within the Study Area that may affect the outcomes of the Urban Renewal Study (URS).
- Identify specific locations within the Study Area which are likely to be unsuitable/require remediation for residential re-development based on historical/current land use activities.
- Provide recommendations on any further contamination investigations required to support changes in zoning or for future divestment purposes.

Potential sources of contamination that were identified during this assessment, which may impact the condition of soil and groundwater within the eastern portion of the Study Area, include the following:

- Within eastern portion of the Study Area:
 - Use of fill material of unknown origin across the Study Area that could potentially contain contaminants of potential concern (CoPC) including asbestos, heavy metals, TPH and PAHs.
 - Historical use of asbestos containing material (ACM) within buildings erected since the 1920s.
 - Historical use of lead based paints on the interior and exterior of historical and current residential buildings.
- Surrounding the eastern portion of the Study Area:
 - Sites listed on the office of Environment and Heritage (OEH) Contaminated Land Record of Notices, located to the south and east of the Study Area, on Bourke Street and Young Street.
 - Contaminated sites notified to the EPA.
 - Surrounding retail petroleum service stations.
 - Surrounding dry cleaning outlets.
 - Groundwater beneath the Study Area that may be contaminated from the historical commercial and industrial land uses in surrounding areas.

Specific locations/areas could not be identified where fill material may have been used or lead and/or asbestos contamination is likely to be present as it may be variably present across the entire Study Area.

The Phase 1 contamination assessment identified a generally low potential for significant contamination to be present within the Study Area. However, based on the size of the proposed re-development, the report identified there was a potential for contamination to be present which may not be consistent with the proposed redevelopment plans. AECOM recommended that, for due diligence purposes, Stage 2 intrusive investigations should be undertaken to further evaluate the contamination status of the Study Area. It was noted that the investigations could be undertaken in a staged approach in accordance with the requirements of the overall Study Area Master Plan.

4.0 Site Condition and Surrounding Environment

4.1 Current Land Use

At the time this Phase 1 ESA was undertaken (March 2018) the northern portion of the Site was predominantly vacant and comprised grass and trees surrounded by a chain wire fence. The southern portion of the Site was occupied by South Sydney PCYC and comprised a large building in the south-western portion of the Site and sporting courts including basketball and playing equipment in the south-eastern portion of the Site surrounded by chain wire fence.

4.2 Surrounding Land Use

The land uses surrounding the Site are summarised as follows:

- North: Kettle Street cul de sac, followed by medium to high density social housing and Annie Green Court aged care facility. Further north, Redfern Street and additional high density social housing and low to medium density residential land use. Some commercial premises (cafes, restaurants and shops) are present to the north-west along Elizabeth Street and Redfern Street.
- West: Elizabeth Street, Redfern Park and Redfern Oval. Further east lies Chalmers Street, Redfern Community Hall, Woolworths Redfern, The Salvation Army, Redfern War Memorial and low to medium density residential land use.
- South: Phillip Street – low to medium density residential land use and commercial premises along Elizabeth Street. KU James Cahill Preschool is located to the south-west along Raglan Street.
- East: Walker Street cul de sac – medium to high density residential land use, high density social housing to the north-east. Further east, Morehead Street, high density social housing including Poets Corner shopping centre comprising a medical centre, a preschool and a pharmacy.

4.3 Site Features and Observations

Photographs of site features are presented in plates in the Photolog in **Appendix B**. Site features and inspection observations are summarised below:

- A chain metal wire fence was present around the northern (vacant) portion of the Site.
- The northern portion was vacant and comprised patchy grass cover with fill materials (including building rubble and a piece of slag [refer **Plate 5**]) visible across the surface. Possible building footings and blocks of concrete were also observed (refer **Plates 2, 4 and 8**).
- A stockpile of mulch material and a sewer manhole were observed in the centre of the northern portion of the Site (refer **Plates 3 and 7**).
- An existing groundwater monitoring well was observed adjacent the northern Site boundary (refer **Plate 1**) and a possible existing borehole location was observed in the PCYC carpark adjacent the southern Site boundary (refer **Plate 17**).
- A large building housing the South Sydney PCYC is present on the south-western portion of the Site (refer **Plates 12 and 13**).
- Sporting (including basketball) courts and playing equipment are present in the south-eastern portion of the Site behind the South Sydney PCYC (refer **Plates 18, 19 and 20**).
- Numerous underground services and above ground connection points were visible in footpaths surrounding the Site and at gated entrances along the eastern and western boundaries to historical residential premises in the northern portion of the Site (refer **Plate 24**).

4.4 Topography and Drainage

The elevation of the Site, based on the Lotsearch (2018) Environmental Risk and Planning Report (refer to **Appendix C**), is approximately 30 m AHD and is predominantly flat with slight undulations and a very slight slope towards the south. The surrounding land is relatively flat with slight slopes down to the south and south-west.

4.5 Surface Water

No surface water was observed at the Site during the inspection. The nearest surface water body is the concrete lined drain of Sheas Creek, located approximately 1 km south-west of the south-western Site boundary. Sheas Creek flows in a south-westerly direction to Alexandra Canal which joins the Cooks River at the north-western boundary of Sydney Airport and subsequently flows south and east to connect to Botany Bay. The surface of the northern portion of the Site is predominantly unsealed grass cover and the southern portion of the Site is predominantly sealed with concrete or bitumen. Any overland flow is anticipated to flow in the stormwater drains surrounding the Site.

4.6 Geology

The Sydney 1:100,000 Geological Series Sheet in the Lotsearch (2018) report (refer **Appendix B**) indicates that the Site is located within medium to fine grained 'marine' sands with podsols (Qhd) of the Quaternary era.

The following geological units may be encountered in the locality:

- Quaternary era: 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 and humic cementation in places and common shell layers (mf/Qha).
- Quaternary era: medium to fine grained, marine sand with podsols (Qhd), commonly referred to as 'Botany Sands'.
- Ashfield Shale (Rwa).
- Hawkesbury Sandstone or possibly Mittagong Formation over Hawkesbury Sandstone.

The Ashfield Shale is expected below the alluvium across most of the Site and surrounding area. However, the boundary between the Ashfield Shale and Hawkesbury Sandstone is not well defined in this area. The known unit extents indicate that the boundary lies between Redfern Station and the Moore Park Entertainment Precinct.

The geological sheet describes the Ashfield Shale as black to dark grey shale and laminite. The Mittagong formation is an intermediate unit sometimes present between the Ashfield Shale and Hawkesbury Sandstone. It is sometimes referred to as transition beds between the fine-grained Ashfield Shale and relatively coarse-grained Hawkesbury Sandstone and is described as shale, laminite, and medium grained quartz sandstone. The Hawkesbury Sandstone is described as medium to coarse-grained quartz sandstone, very minor shale and laminite lenses.

A dyke is located approximately 600 m north-east of the north-eastern boundary of the Site. The dyke runs south-west to north-east and extends from north-west of Redfern station to the south-eastern corner of Prince Alfred Park.

4.7 Soils

The Sydney 1:100,000 Soil Landscapes Series sheet in the Lotsearch (2018) report indicated that the Site is located within the Tuggerah (AEtg) group derived from Aeolian processes.

The Site comprises coastal plains and dunes, lagoons and swampy areas: chief soils are leached sands. Associated dunes are siliceous sands and/or calcerous sands fringing the coastline and swampy areas of soils and soils with peaty surfaces.

The area surrounding the site is made up of the Tuggerah (AEtg) group derived from Aeolian processes, Disturbed Terrain (DTxx) and the Blacktown (REbt) group derived from residual processes.

4.8 Acid Sulfate Soils

The Sydney Local Environmental Plan (2012) in the Lotsearch (2018) report (**Appendix B**) maps the Site as Class 5 which indicates that:

- Works within 500 metres of adjacent Class 1, 2, 3, or 4 land, that is below 5m AHD and by which the watertable is likely to be lowered below 1m AHD on adjacent Class 1, 2, 3 or 4 land, presents an environmental risk.
- There are no classes other than Class 5 within a 500 m radius of the Site.

4.9 Hydrogeology

The Bureau of Meteorology Australian Groundwater Explorer indicated that the aquifers on the Site and surrounding areas are likely to comprise – porous, extensive aquifers of high productivity.

A search of the Bureau of Meteorology Australian Groundwater Explorer and NSW Department of Primary Industries, Office of Water “Pinneena” database indicated that 24 groundwater bores were located within a 400 m radius of the Site. The data is summarised included in the Lotsearch (2018) report (refer **Appendix B**).

Based on the registered groundwater bore data, there was insufficient standing water level data to determine depth to groundwater. However, based on the findings of previous investigations at the Site (ERM, 2001) shallow groundwater is anticipated to be present at an approximate depth of 2.5 m to 5 m and is anticipated to flow in a south to south-westerly direction towards Sheas Creek. The closest registered bore to the Site is used for recreation (located within Redfern Oval). Other registered groundwater bores used for monitoring purposes are located south-east of the Site within commercial/industrial properties along Bourke Street, Waterloo.

4.10 Regional Meteorology

Climate data was obtained from the Bureau of Meteorology (BOM) website (www.bom.gov.au). The BOM weather station (066062), located at Sydney Observatory (approximately 4.4 km from the Site) indicated the following:

- Average annual rainfall of 1,215.7 mm, with June typically the wettest months (>130 mm per month).
- Average maximum temperature of 21.8°C, ranging from 26.0°C in January to 16.4°C in July.
- Average minimum temperature of 13.8°C, ranging from 18.8°C in January and February to 8.1°C in July.

5.0 Preliminary Geotechnical Model

We have used borehole information from within a radius of about 0.4 km of the site to develop the preliminary geotechnical model in **Table 2**. This included some boreholes drilled within the site boundaries, although the borehole locations are not known reliably. The boreholes, drilled to depths of up to 6.5 m, provide information on Fill and the upper Quaternary Sediments, known as the Botany Sands.

Future construction methodology on this site will largely be driven by depth to rock and the planned land-use. Locally deeper Fill or Botany Sands could be found than indicated in our inferred model. The Botany Sands is likely to be underlain by Residual Soils formed by weathering of the underlying Shale or Sandstone bedrock.

Table 2 - Indicative Ground Profile

Geotechnical Unit	Description	Depth to Top of Unit (m)	Unit thickness (m)
1. Fill	Variable Sands or Clays: Containing Silt, Gravel, possibly waste materials	Ground surface	1.2 to 2
2. Botany Sands	Peat/Sandy Silt: Very loose / very soft, SPT 'N' values ranging from 0 to 2 Sand: Generally medium dense, SPT 'N' values ranging from 11 to 31	1.2 to 2	4 to 6
3. Residual Soil	Clay: generally firm to stiff	1.8 to 4.3	1.1 to 2.2
4. Bedrock	(Note 2)	8 to 12	(Note 1)
4a Shale	Class V and IV Shale		
4b Shale	Class III or better Shale		
4c Sandstone	Class V Sandstone		
4d Sandstone	Class IV or better Sandstone		

Notes on **Table 2**

1. There is likely to be between 1 m and 4 m of relatively poor quality rock (Class V and IV Shale or Class V Sandstone) over better quality rock.
2. Rock class as defined in Pells et al 1998.
3. The unit depths, thicknesses and material properties presented in **Table 2** should not be assumed to represent the extremes that may be encountered across the site. Actual unit boundaries and material properties can be highly variable, particularly for fill. Features such as erosional palaeochannels, faults and igneous intrusions into the sedimentary bedrock sequences can affect bedrock surfaces within the Sydney region.

5.1 Groundwater

Groundwater is likely to be relatively shallow in this locality. Groundwater strikes during drilling at the site have been recorded in Unit 2 – Botany Sands, at depths ranging from 3 m to 4.5 m.

The permeability of the soils and the weather conditions prior to drilling will affect the accuracy of this data and may not reflect long-term groundwater conditions at the site. The site is relatively low lying and groundwater may rise to the ground surface during heavy or prolonged rainfall.

6.0 Phase 1 ESA Search Results

6.1 Site Zoning and Land Use

The northern (currently vacant) portion of the Site is currently zoned Zone 2 (b) Residential (Medium Density) under the South Sydney Local Environment Plan 1998. The southern portion of the Site is zoned Zone 5 Special Uses (Activity Centre) which is currently in use by the South Sydney PCYC.

6.2 Aerial Photographs

Historical aerial photographs were reviewed to identify former land uses that may have the potential to be sources of contamination. The photographs were obtained from the NSW Department of Land and Property Management Authority (DLPMA) and are summarised in **Table 3** below.

Table 3 Historical Aerial Photograph Review Summary

Photograph Details	Description
February 1930 Run 16 Black and White (Figure F3)	Site: The photograph is of poor quality. The entire Site predominantly comprised blocks of terraced housing. Surrounds: Similarly, land located immediately to the north, west, east and south of the Site comprised blocks of terraced housing. Redfern Park and oval is visible immediately west of the Site. Further to the west, south and north, terraced housing is visible and some larger warehouse buildings. To the south-east numerous warehouses and vacant land are visible along Bourke Street.
June 1942 Run 5 Black and White (Figure F4)	Site: As per the 1930 aerial photograph. Surrounds: As per the 1930 aerial photograph, with more prominent warehouse buildings visible to the south and east which may be indicative of increased industrial activity.
May 1951 Run 14 Black and White (Figure F5)	Site: The Site is vacant and appears to be unsealed, terraces have been removed. Surrounds: As per the 1942 aerial photograph with more prominent warehouse buildings to the north, south and south east. The Site immediately to the east of the Site has been cleared and is vacant and unsealed and some sites further north on Redfern Street have been cleared of buildings and portions are unsealed.
1961 Run 36E Black and White (Figure F6)	Site: Extensive re-development of the Site, where most of the terraced housing was removed and free-standing L and T shaped buildings, likely to be residential apartments appear to have been erected. A large building is visible in the south-western corner (possible current building used for South Sydney PCYC). Surrounds: As per the 1951 aerial photograph. Increased residential density of terrace housing surrounding the Site. The vacant sites noted in the 1951 aerial photograph immediately east and further north have been redeveloped with apartment buildings similar to the Site, with the exception of a vacant unsealed portion of land immediately north-east of the Site which remains undeveloped.
July 1970 Run 18 Black and White (Figure F7)	Site: As per the 1961 aerial photograph. Surrounds: As per the 1961 aerial photograph. The vacant portion of land immediately north-east has been developed with a large high density X shaped building likely to be residential apartments.
August 1982 Run 23 Colour (Figure F8)	Site: As per the 1970 aerial photograph. Surrounds: As per the 1970 aerial photograph. Extensive redevelopment of areas to the west of the Site with removal of terrace housing and replacement with high rise apartment buildings.
October 1994 Run 11 Colour (Figures F9)	Site: As per the 1981 aerial photograph, with increased vegetation growth around the apartment buildings in the northern portion of the Site. Basketball courts are visible in the south-eastern corner of the Site. Surrounds: As per the 1982 aerial photograph.

Photograph Details	Description
October 2004 Colour (Figure F10)	<p>Site: As per the 1994 aerial photograph, with increased vegetation growth around the apartment buildings in the northern portion of the Site.</p> <p>Surrounds: As per the 1994 aerial photograph, with the removal of most of the warehouse buildings on one of the properties listed under Section 58 of the <i>Contaminated Land Management Act 1997</i> (OEH, 2012) located south-east of the Site along Bourke Street.</p>

6.3 Historical Database Records

A summary of the historical database records pertaining to the Site and immediate surrounds are summarised in **Table 4** to **Table 7** below.

Table 4 1950 Historical Database Records

Activity	Name	Address	Distance	Direction
Engineers General and/or manufacturing and/or mechanical	Cheney J.S. Pty Ltd	219 Elizabeth Street Redfern	On-Site	Premises Match
Sports Goods manufacturers, wood ware manufacturers	Munro James Pty Ltd	172-194 Walker Street, Redfern	On-Site	Premises Match
Chemical manufacturers	Corbett, W.H.	Phillips Street, Waterloo	On-Site	Road Match
Motor Garage and/or engineers	Scholtz E.N.	231 Elizabeth Street, Redfern	On-Site	Road Match

Table 5 1970 Historical Database Records

Activity	Name	Address	Distance and Direction
Smallgoods manufacturers and/or wholesalers	Dandy Bacon & Small goods	Phillip Street, Redfern	On-site
Footwear manufacturers and/or wholesalers	Hirst, E.E. Shoe Co	632 Elizabeth Street, Redfern	On-site
Smallgoods manufacturers and/or wholesalers	NSW Bacon Products Pty Ltd	Phillip Street, Redfern	On-site
Clubs and/or Sporting Bodies	South Sydney Police Citizens Boys Club	638 Elizabeth Street, Redfern	On-site
Motor garage and/or engineer and/or service station	BP Waterloo Service Station	Moorehead Street, Waterloo	Road match - 90 m south-east

Table 6 1975 to 1978 Historical Database Records

Activity	Name	Address	Distance	Direction
Clubs and/or Sporting Bodies	South Sydney Police Citizens Boys Club	638 Elizabeth Street, Redfern	On-site	
Motor garage and/or engineer and/or service station	BP Waterloo Service Station	Moorehead Street, Waterloo	Road match - 90 m	South-east

Table 7 1982 to 1986 Historical Database Records

Activity	Name	Address	Distance and Direction
Clubs and/or Sporting Bodies	South Sydney Police Citizens Boys Club	638 Elizabeth Street, Redfern	On-site
Clothing manufacturers and/or wholesalers and/or mens and/or boys wear	Merkury Clothing, Elizabeth Street, Redfern	Road Match	On-site
Health Centres and/or Clinics	Redfern Baby Health Centre, Redfern Park	Road Match	132 m west
Laundries and/or Laundrettes	Waterloo Coin Laundry	635 Elizabeth Street, Waterloo	42 m south-west

6.4 NSW EPA Records

6.4.1 List of Contaminated Sites Notified to NSW EPA

A search of the NSW EPA contaminated lands database, which evaluates whether the Site or surrounding properties were listed under Section 58 of the *Contaminated Land Management Act 1997*, was presented in the Lotsearch (2018) report. No listings for the Site were indicated. Fourteen properties within a 1km radius of the Site were on the NSW EPA Contaminated land list and are summarised in **Table 8** below:

Table 8 Site Notified as Contaminated to NSW EPA (within 1km radius of the Site)

Map ID (Appendix C)	Site	Address	Activity that caused Contamination	EPA Site Management Class	Distance and Direction
1409	Lawrence Dry Cleaners	887-893 Bourke Street, Waterloo	Unclassified	Contamination currently regulated under CLM Act	272 m south-east
1137	Former Printing Works	101a Marriott Street, Redfern	Other industry	Regulation under CLM Act not required	295 m east
13453	BP-branded Jasbe Surry Hills	411 Cleveland Street, Redfern	Service Station	Regulation under CLM Act not required	570 m north-east
4842	Diversity Waterloo	1-13 Archibald Avenue, Waterloo	Other industry	Under assessment	604 m south
13525	Iconic (Former Chubb Factory) Waterloo	830-838 Elizabeth Street, Waterloo	Other industry	Under assessment	654 m south
1410	Proposed Construction Site	2 John Street, Waterloo	Other industry	Regulation under CLM Act not required	673 m south-west
1136	BP Service Station	116 Regent Street, Redfern	Service Station	Regulation under CLM Act not required	694 m west
13414	Alexandria Gardens	146-156 Wyndham Street & 146-156 Botany Road, Alexandria	Unclassified	Under assessment	726 m south-west

Map ID (Appendix C)	Site	Address	Activity that caused Contamination	EPA Site Management Class	Distance and Direction
13435	Formerly Gas N Go Alexandria (fully redeveloped into residential apartment as of September 2016)	10-20 Botany Road, Alexandria	Service Station	Under assessment	736 m west
1255	Woolworths Petrol Surry Hills	475 Cleveland Street, Surry Hills	Service Station	Regulation under CLM Act not required	791 m north-east
1411	Shell Coles Express Service Station	867-877 South Dowling Street, Waterloo	Service Station	Regulation under CLM Act not required	842 m south-east
13493	22-24 Archibald Avenue	22-24 Archibald Avenue, Waterloo	Other petroleum	Under assessment	842 m south-east
458	Australian Technology Park	Henderson Road, Eveleigh	Other industry	Regulation under CLM Act not required	876 m west
28	Caltex Alexandria Service Station	133 Wyndham Street corner McEvoy Street, Alexandria	Service Station	Regulation under CLM Act not required	911 m south-west

A copy of the NSW EPA search record including explanation of the management classes is provided within the Lotsearch (2018) report in **Appendix C**.

6.4.2 NSW EPA Contaminated Land Record of Notices

A review of the NSW EPA website (www.epa.nsw.gov.au) in the Lotsearch (2018) report to evaluate if the EPA has issued a regulatory notice in relation to the Project Area under Section 60 of the *Contaminated Land Management Act 1997 (CLM Act 1997)*, indicated that there were no current or former notices for the Site. Two properties within a 1km radius of the Site were listed as having current and/or former notices; the information is summarised in Table 9 below:

Table 9 NSW EPA Contaminated Records of Notice (within 1km radius of the Site)

Map ID (Appendix C)	Site	Address	Notices	Distance and Direction
331	Lawrence Dry Cleaners	887-893 Bourke Street, Waterloo	8 current and 3 former	272 m south-east
367	Formerly Gas N Go Alexandria (fully redeveloped into residential apartment as of September 2016)	10-20 Botany Road, Alexandria	2 current	736 m west

Former Gas N Go, Alexandria (located 119 m north-west of the Precinct). A Preliminary Investigation Order was issued on 30 May 2016 and an Amendment or Repeal of Order was issued on 30 November 2016.

Lawrence Dry Cleaners, Waterloo (located 361 m east of the Precinct). The seven current notices are detailed below:

- Declaration of Investigation Area issued 31 October 2003
- Agreed Voluntary Investigation Proposal issued 4 May 2004
- Declaration of a Remediation Site issued on 2 November 2005
- Management Order issued 26 May 2011 and amended on 28 August 2014
- Amendment of Repeal of Order issued on 27 February 2015
- Amendment of Repeal of Order issued on 9 February 2016

A copy of the search is provided in the Lotsearch (2018) report in **Appendix C**.

Both sites are located a considerable distance and hydraulically down-gradient of the Site.

6.4.3 NSW EPA Per- and Poly-fluorinated Alkylated Substances (PFAS) Investigation Program

There were no Sites being investigated by NSW EPA for the presence of PFAS within a 1km radius of the Site.

6.5 Historical Certificates of Title

A review of historical Certificates of Title was undertaken, a summary of which is provided below:

Table 10 Summary of Title Search

Year	Proprietor
(Lots 3 to 5 DP 456634)	
1997 – to date	New South Wales Land and Housing Corporation
1997 – to date	<i>Current lease to The Federation of New South Wales Police Citizen Boys Club, of Lots 7-11 DP 35793</i>
(Lots 3 to 5 DP 436293 – CTVol 6587 Fol 56)	
1957 – 1997	The Housing Commission of New South Wales
(Part Portion 400 Parish Alexandria – Area 10 ½ Perches – CTVol 2457 Fol 26)	
1944 – 1952	Claud Sidney Buck, restaurant proprietor
1944 – 1944	The Commissioner for Road Transport and Tramways
1914 – 1944	<i>Lease to Charles Boz, of Redfern</i>
1914 – 1944	Chief Commissioner for Railways and Tramways
(Part Portion 400 Parish Alexandria – Area 6 Acres 2 Roods 2 ½ Perches – CTVol 2531 Fol 93)	
1933 – 1952	The Permanent Trustee Company of New South Wales Limited
1914 – 1933	Thomas Saywell, esquire
(Alderson Street, Redfern – Area 1 Rood 15 ¾ Perches – Government Gazette 17 November 1950 Folio 3397)	
1950 – 1952	The Housing Commission of New South Wales
Prior – 1950	Road

The title search records indicate that portions of the Site have been owned by NSW Land and Housing Corporation since 1950. Portions of the Site have historically been used for private uses (including residential activities and possible agricultural activities such as sheep grazing and farming) between

1914 and 1933 and between 1944 and 1952, as a roadway prior to 1950 and owned by State transport authorities between 1914 and 1944.

Copies of the historical certificates of title are included in **Appendix D**.

6.6 Section 149 Certificate

As noted in **Table 1** the Section 149 planning certificates obtained from City of Sydney Council lists 600-614 Elizabeth St as Lots 3, 4 and 5 in DP 456634 and 616-660 Elizabeth St as Lots 7 to 11 in DP 35793 which are not listed on the current certificate of title or on the NSW Government Spatial Information Exchange.

A review of the Planning Certificates from City of Sydney Council, issued 9 March 2018 and 26 March 20118 under Section 10.7 of the *Environmental Planning and Assessment Act 1979* was undertaken, as summarised below:

600-614 Elizabeth Street Redfern

- The Site is currently zoned as 2B Residential (medium density) under Clause 12 South Sydney Local Environmental Plan 1998.
- The land is affected by the City of Sydney Contaminated Land Development Control Plan 2004 adopted by the Council, which may restrict the land if the potential for the risk of land contamination exists.
- The land to which the S149 certificate relates is the subject of a site audit statement within the meaning of that act, a copy of which has been provided to Council.
- The development on this land or part of this land is subject to flood related development controls.
- The City of Sydney Development Contributions Plan 2015 – in operation as of 1 July 2016 may apply to this property.
- The land subject of the S149(5) certificate contains, or has contained, contaminants identified in one or more reports or records held by Council.

616-660 Elizabeth Street Redfern

- The Site is currently zoned as 5 Special Uses Zone under Clause 15 of South Sydney Local Environment Plan 1998.
- This property may be identified as being of state heritage significance and entered on the State Heritage register. To confirm whether the site is listed under the Heritage Act 1977 a Section 167 Certificate should be obtained from the NSW Heritage Office.
- The land is affected by the City of Sydney Contaminated Land Development Control Plan 2004 adopted by the Council, which may restrict the land if the potential for the risk of land contamination exists.
- The development on this land or part of this land is subject to flood related development controls.
- The City of Sydney Development Contributions Plan 2015 – in operation as of 1 July 2016 may apply to this property.

It is noted that the S149 certificate for Lots 7 to 11 in DP 35793 comprising 616-660 Elizabeth Street Redfern did not state that an SAS applied to the land despite the SAS being applicable to this portion of land. It is understood that Lots 7 to 11 in DP 35793 relate to the PCYC lease encompassing the southern portion of the Site.

Copies of the certificates are included in **Appendix E**.

6.7 SafeWork NSW Storage of Hazardous Chemicals site search

A request for review of the Stored Chemical Information Database (SCID), maintained by SafeWork NSW, was undertaken on dangerous goods (DG) and storage of hazardous chemicals information for

the Site on 22 March 2018. SafeWork NSW responded on 6 April 2018 and indicated that there were no records pertaining to the Site located at 600-660 Elizabeth Street Redfern.

The SafeWork NSW search documentation is presented in **Appendix F**.

6.8 Unexploded Ordnance

A search of the Australian Department of Defence Unexploded Ordnance (UXO) Contamination database was conducted on 23 March 2018 to evaluate whether the Site or surrounding areas were listed. There were no records of UXO contamination in the City of Sydney Local Government Area.

7.0 Phase 1 ESA – Preliminary Conceptual Site Model

Based on the available historical information relating to the Site and neighbouring properties and Site observations, identified historical potentially contaminating activities include:

- Imported fill material of unknown origin and quality used to level the Site.
- Demolition of historical terrace houses (prior to 1951, refer **Section 6.2**) and structures on Site and surrounding sites.
- Possible historical use of the Site for agricultural purposes (refer **Section 6.5**).
- Possible use of building materials including asbestos and lead paint within the historical building present on the southern portion of the Site, which was constructed in the 1960's (refer **Section 6.2**) and may need to be demolished as part of the proposed redevelopment of the Site.
- Possible storage of plant/machinery and road materials/infrastructure associated with the historical ownership of the Site by various state transport authorities (refer **Section 6.5**).
- Historical land uses Laundry, motor garages and manufacturers on-Site and immediately surrounding i.e. less than 50 m from the Site (refer **Section 6.3**).
- Based on ERM (2001) and PB (2004), possible historical landfilling in the south-eastern portion of the Site (refer **Section 3.1**).
- Known concentrations of lead, B(a)P, sum of PAHs, toluene, TPH C₁₀-C₃₆ in soil, heavy metals and up-gradient B(a)P and sum of PAHs in groundwater and potential acid sulfate soils as noted in the SAR (Golder, 2005), refer **Section 3.2**.

7.1 Contaminants of Potential Concern

Based on the available data, contaminants of potential concern (CoPC) at the Site were identified as:

- Heavy metals: may occur in fill of unknown origin and quality and historical use of the Site by various state transport authorities. Common metal contaminants include arsenic, cadmium, chromium, copper, lead, mercury, nickel and zinc.
- Petroleum hydrocarbons: from fuels, solvents and oils. Petroleum hydrocarbons are generally quantified by analytical laboratories as TPH and total recoverable hydrocarbons (TRH) and as four fractions of hydrocarbons grouped into ranges of volatility.
- BTEX: typically found in petroleum fuels and to a lesser extent, diesel fuels.
- PAHs and Phenols: related to some petroleum hydrocarbon use, waste and lubricating oils. PAH and phenols are also potentially present in bitumen/asphalt, creosote, ash, incompletely combusted materials and fill material of unknown origin and quality.
- Volatile Organic Compounds (VOCs) and Semi-volatile Organic Compounds (SVOCs): VOC compounds may contain monocyclic aromatic hydrocarbons (including BTEX compounds) and volatile hydrocarbons (such as solvents potentially stored historically at the Site). SVOC compounds may include organochloride pesticides and/or organophosphate pesticides, which may have historically been used at the Site or be present in fill material of unknown origin and quality.
- Polychlorinated biphenyls (PCBs): related to electrical equipment and can be present in fill of unknown origin and quality.
- Asbestos: Commonly used in building construction materials up until the mid-1980s. Potentially present within fill materials of unknown origin and quality and old building structures.

Table 11 below summarises the potential areas of environmental concern and CoPC for this investigation.

Table 11 Summary of Areas and Contaminants of Potential Concern

Potential Areas of Environmental Concern	Potential Contaminants of Concern
Use of the site by various state transport authorities and storage of materials, equipment, plant, machinery	Metals, TRH, BTEX, PAHs, VOCs, SVOCs, PCBs
Historical use of the Site for Agricultural purposes	OCPs, OPPs
Demolition and presence of historical buildings (terraces and PCYC building)	Lead, PCBs, asbestos
Historical up-gradient laundry	VOCs, SVOCs
Use of imported fill materials on the Site	Metals, TRH, BTEX, PAHs, VOCs, SVOCs, PCBs and asbestos
Known contaminants in soil and groundwater as identified by PB (2004)	Lead, B(a)P, sum of PAHs, toluene, TPH C ₁₀ -C ₃₆ in soil, heavy metals and up-gradient B(a)P and sum of PAHs in groundwater and Suspension Oxidation Combined Acidity Sulfur (SPOCAS)

7.2 Potential Receptors of Contamination

Based on the current and future potential land use of the Site, and inferred groundwater flow direction (south and south-west), the potential human receptors for the Site were identified as:

- Current and potential future on site workers and visitors.
- Current and potential future on site intrusive maintenance workers.
- Beneficial users of unregistered groundwater bores close to the Site.
- Current and potential workers, visitors and intrusive maintenance workers on adjacent and nearby commercial properties.
- Sheas Creek, located approximately 1 km south-west of the Site. Given that Sheas Creek is a highly disturbed ecosystem which is unlikely to be used for recreational purposes, it has been included as a potential human receptor as a conservative measure.

A groundwater bore search indicated that 24 groundwater bores were registered within a 400 m radius of the Site. The majority of bores were located along Bourke Street, Waterloo industrial area and were installed for monitoring purposes with the exception of one bore used for recreation purposes located in Redfern Oval - cross-gradient and to the west of the Site and is therefore not considered to be a potential receptor of potential contamination from the Site. Given that the Site is located in a metropolitan area with access to reticulated water, it is considered unlikely that residents would be accessing bore water on Site for drinking or irrigation purposes in the foreseeable future.

The anticipated groundwater direction indicates that the Sheas Creek would be the nearest receiving aquatic environment of groundwater and infiltrated surface water from the Site. Consequently Sheas Creek is considered to be the primary ecological receptor.

7.3 Transport Mechanisms

Potential transport mechanisms for site-derived contaminants (if present) are summarised in **Table 12**.

Table 12 Contamination Transport Mechanisms

Transport Mechanism	Details
Leaching of soil contaminants	Contaminants may leach to groundwater from subsurface soils
Wind erosion and atmospheric dispersion of upper layers of surficial soil	Contaminants in surface soil may be dispersed by wind as dust and inhaled
Groundwater flow	Dissolved phase contaminants in groundwater may migrate due to groundwater flow.
Vapour and gas migration	Volatile contaminants may migrate as vapours and gas through the subsurface and accumulate in structures or buildings.

7.4 Potential Exposure Pathways

For a receptor to be exposed to a chemical contaminant, a complete exposure pathway must exist. An exposure pathway describes the course a chemical or physical agent takes from the source to the exposed individual or receptor.

Potential contact with impacted soil derived from vapour by on and off-site commercial and maintenance workers is considered to be low, given that no historical underground storage of fuels has been identified at the Site. However, PB (2004) detected concentrations of B(a)P, sum of PAHs, toluene and TPH C₁₀-C₃₆ in soil. Given the age of this data, further assessment of volatile contaminants in soil is considered warranted.

Based on the current Site conditions, there is potential for contact with impacted soil/groundwater on site during excavation works. For future intrusive maintenance works, there are potentially complete contaminant exposure pathways. These linkages should be considered in a site-specific risk assessment prior to any proposed intrusive works and a construction environment management plan (CEMP) should be prepared to manage any identified risks.

8.0 Discussion and Recommendations

8.1 Geotechnical Considerations and Risks

Commercial and residential development with basements should be practicable on this site from a geotechnical perspective, using conventional structural elements and normal construction techniques. However, some geotechnical challenges exist such as:

- High groundwater table and the potential for rapid rises in groundwater level during heavy rainfall events: There is the potential for groundwater to rise to the ground surface during flooding events.
- Ground conditions affecting construction methodologies, particularly retention system and building foundation design: There may be saturated, cohesionless soils within the Botany Sands. These will require watertight retention systems and basement slabs to prevent groundwater inflows and running sands.
- Compressible soils: Peat and organic clays may be encountered within the Botany Sands. Such soils will be compressible and this would affect shallow footing performance or make shallow footings impracticable. Compressible soils may result in down drag loadings on piles.
- Interaction with existing services and structures: There are no buildings on the site boundaries as the site is bounded by roads on all sides. However, due to the high permeability soils in the area, construction impacts can extend for significant distances and will have to be considered when designing temporary and permanent work.
- The risk associated with underground services: Retention system design will have to consider the risk of excavation induced ground movements on existing services. Relatively stiff boundary retention systems may be required to limit ground displacements.

In the following sections, preliminary comments and recommendations are provided on geotechnical issues associated with basement excavation, retention systems and building foundations.

8.1.1 Unsupported Excavations

Bulk excavations and trenches where groundwater is well below the base of the excavation will require batters and benches consistent with the nature of the material. Retention systems will be required where there is poor ground or insufficient room to form unsupported batters.

For excavations on site that are remote from site boundaries, it may be practicable to form unsupported batters above the groundwater table. However, the variable fill and the potential for peat and organic soils may result in batters having to be relatively flat. Unsupported batters will not be feasible immediately adjacent to site boundaries and are unlikely to be practicable where surcharge loads would apply at the crest of a batter.

8.1.2 Groundwater and Excavation Retention Systems

8.1.2.1 Groundwater

The Botany Sands are often laterally continuous and of high permeability. A tanked retention system will be required for the development of basements through such soils. Dewatering using drilled or jetted spear points may be possible within an excavation enclosed by a groundwater cut-off such as a sheet pile wall. Excavations should be able to be maintained dry by pumping from sumps, provided lateral inflows from the overlying sands are cut off. This could be achieved if tanked basement walls such as driven steel sheet piles, a diaphragm wall or secant piles walls extend into the Residual Soil or Bedrock.

A hydrostatic slab would be required to tank the base of the excavation. The need for full tanking will depend on regulatory authority approvals. The NSW Office of Water is likely to require tanking to mitigate impact on groundwater in the area. However, if it can be demonstrated that basements penetrate into a very low permeability strata then it may be possible to adopt a semi-tanked basement.

In a semi tanked basement the retaining walls would be tanked and the basement slab designed with a drainage layer to relieve any hydrostatic pressures from groundwater inflows through the

foundations. The drainage system would need to be designed with flushing points to clean out mineral precipitants to prevent blockage of drainage pipes. Such a semi-drained basement would be subject to regulatory approvals.

8.1.2.2 Retention System Structures

Bored soldier pile walls with shotcrete infill panels or contiguous bored piles are unlikely to be practicable through the Botany Sands. These wall types are not suitable for cohesionless and/or saturated soils.

Driven steel sheet piles could be considered to form a temporary retention system to allow dewatering and excavation prior to constructing a permanent cast in place, reinforced concrete retaining wall. The sheet piles may have to be sacrificial where used as formwork for permanent retaining walls. There may be issues with noise and vibration if driven sheet piles are used.

Secant pile walls are practicable for basements. Such walls need to be constructed carefully to maintain pile verticality and avoid gaps between piles through which groundwater and soil could flow. For basements deeper than two levels deep, the risks associated with piling tolerances increase and a diaphragm wall will be less likely to be defective and leak.

If temporary ground anchors are required, the anchor heads will need to be carefully and permanently sealed up to prevent groundwater and soil ingress if groundwater is above the anchor heads.

Depending on factors such as construction sequence and structural stiffness, even well-constructed, anchored retaining walls can deflect laterally in the order of 0.1 % to 0.3 % of the wall height. Detailed soil-structure interaction analysis should be carried out to assess the lateral and vertical ground movements that could result from basement excavation as well as the structural loads acting on the retaining system.

8.1.3 Temporary Ground Anchors

Typically, exclusion zones are declared around buried infrastructure such as cables, pipelines and tunnels. Such exclusion zones restrict the imposition of additional stresses on the ground that may affect the buried infrastructure. The feasibility of installing temporary ground anchors should consider such exclusion zones as they may prevent anchors being adopted or require them to be inclined more steeply, which reduces their efficiency.

8.1.4 Foundations

The building loads for high-rise residential/commercial towers are likely to be relatively heavy and require piled foundations to rock. Open bore piles are unlikely to be practicable unless temporary liners are installed through the Fill and Botany Sands and a seal can be achieved in the residual soils or bedrock. Driven piles may be feasible from a geotechnical perspective, but hard driving conditions may be found if there are obstructions within fill or cemented layers within the Botany Sands. There are also likely to be issues with noise and vibration if driven piles are adopted.

Bored piles supported by casing and/or drilling fluids, or Continuous flight auger (CFA) piles should be practicable.

Care will be required if CFA piles are required to have long sockets into relatively high strength rock, resulting in slow auger penetration rates. If there are loose sands within the Botany Sands, they could be drawn into the auger while the rock socket is being drilled. This can result in loosening of the sands and potentially unexpected ground movements near the piles. This aspect should be further assessed with additional investigation of the sand density, as the risk is lower in more dense sands.

Piles should be designed in accordance with AS 2159-2009 using a geotechnical strength reduction factor, Φ_g , to check pile capacity under Ultimate Limit State (ULS) loads. The value will depend on a calculated Average Risk Rating (ARR) that considers various factors such as the level of investigation, level of redundancy in capacity, pile load testing, and level of construction review. Serviceability should be checked by calculating settlements under SLS loads.

Piles may be subject to down drag forces if compressible soils within the Botany Sands remain below basement levels. These loads do not reduce the geotechnical capacity of the piles but affect structural capacity.

8.1.5 Pavements

Ground treatment is likely to be required to form pavement subgrades. Existing fill may be suitable but will require geotechnical assessment, excavation and re-compaction to an appropriate specification. Peat or organic clays typically have very poor strength properties and are unsuitable for pavement subgrade. Such materials are likely to have to be excavated and replaced or covered with imported bridging material.

If unsuitable materials such as uncompacted fills, waste materials or organic soils are exposed at bulk excavation levels then they will require treatment to form construction work platforms for general construction plant and piling rigs. Dig out and replace or bridging over such materials will require geotechnical design and the use of imported granular materials, possibly with added geotextile or geogrid reinforcement.

8.2 Further Geotechnical Investigations

This desktop study has been based on a limited number of boreholes from within and surrounding the site. More detailed geotechnical models will be required for design of basements and foundations.

We have not located site specific borehole information giving rock levels. The inferred bedrock level is RL+18 m to RL+22 m AHD (depths of 8 m to 12 m) based on regional borehole data. The current proposal is to drill three boreholes to 15 m depth (or into Class III Shale) and three boreholes to refusal. This should provide information on soil and bedrock for concept design. At this stage, the scope of investigation does not require revision but should be reassessed based on conditions encountered on site during the fieldwork that is planned.

We recommend that groundwater monitoring wells be installed to allow water levels to be measured and permeability testing to assist with basement design.

8.3 Phase 1 ESA Conclusions

The Phase 1 ESA has identified and documented the general environmental condition and risks from current and past land uses which may have resulted in contamination at the Site. The key findings of the Phase 1 ESA are summarised below:

- The Site has primarily been used for residential and/or commercial/light industrial purposes, while the surrounding area has been used for commercial/industrial (typically north, south and west of the Site), residential (surrounding the Site) and recreational (east of the Site) purposes.
- A Stage 2 soil and groundwater investigation undertaken by PB (2004) indicated concentrations of lead, B(a)P, sum of PAHs, toluene, TPH C₁₀-C₃₆ in soil, heavy metals and up-gradient B(a)P and sum of PAHs in groundwater in exceedence of adopted assessment criteria for proposed residential land use.
- An SAS for the Site (Golder, 2005) concluded that the Site was not suitable for proposed medium density residential land use and a Remediation Action Plan (RAP) was required to address contamination identified by PB (2004).
- The preliminary CSM (presented in **Section 7.0**) identifies potential sources of contamination, receptors and exposure pathways. Potential sources of contamination identified during the Phase 1 ESA which may impact the condition of soil and groundwater within the Site and its surrounds include the following:
 - Commercial and industrial properties in the immediate surrounding areas, including: car servicing and mechanical repairs, manufacturers and a laundry – Waterloo Coin Laundry.
 - Use of fill material of unknown origin: potentially containing or impacted by contaminants.
 - Historical use of asbestos containing materials (ACM) within buildings and structures erected since the 1920s.
 - Historical use of lead based paints on the interior and exterior of historical and current buildings.

- Concentrations of lead and PAHs in soil identified as part of the ERM (2001) investigation.
- Known concentrations of lead, B(a)P, sum of PAHs, toluene, TPH C₁₀-C₃₆ in soil, heavy metals and up-gradient B(a)P and sum of PAHs in groundwater and potential acid sulfate soils as noted in the SAS (Golder, 2005) and as identified by PB (2004).

Of the potential receptor pathway linkages identified in the preliminary CSM, the following four linkages present a risk to human health and/or the environment that are expected to have implications for remediation/management costs:

1. The historical and current commercial/industrial activities undertaken within the Site and surrounding areas have possibly resulted in contaminants of potential concern (CoPC) being released into the environment. Although it is understood that the redeveloped Site is likely to comprise high density residential and commercial facilities with limited access to soil, future sub-slab intrusive works may be required for service maintenance purposes. As such, there is a potential for workers to come into direct contact (i.e. incidental ingestion and/or dermal contact) with and/or inhale CoPC in soil/dust. Should contamination be identified during phase 2 investigation works it would be recommended that basements and services trenches will be tanked so as to minimise groundwater infiltration.
2. A long history of construction and demolition activities on the Site, potentially depositing CoPC such as asbestos containing materials (ACM) and lead onto the soil. Therefore, there is a potential for intrusive maintenance workers to come into direct contact (i.e. incidental ingestion and/or dermal contact) with and/or inhale asbestos and lead in soil/dust.
3. Fill materials (including building demolition rubble e.g. bricks and building footings, concrete blocks etc.) are visible in the northern vacant portion of the Site and, based on the Site history, are likely to be present across the Site. Imported fill material of unknown origin can contain a range of CoPC. Therefore, there is a potential for intrusive maintenance workers to come into direct contact (i.e. incidental ingestion and/or dermal contact) with and/or inhale CoPC in soil/dust. Additionally, future residents, commercial workers or construction/intrusive maintenance workers may be exposed to volatile CoPC via inhalation if not managed or remediated appropriately.
4. Concentrations of lead, B(a)P, sum of PAHs, toluene, TPH C₁₀-C₃₆ in soil, heavy metals and up-gradient B(a)P and sum of PAHs in groundwater and potential acid sulfate soils as noted in the SAS (Golder, 2005) and as identified by PB (2004). It is noted that the investigations were conducted some time ago in 2004 and therefore condition of soil and groundwater at the Site may have since changed.

8.4 Phase 1 ESA Recommendations

Based on the findings of this Stage 1 ESA and preliminary CSM developed for the Site, AECOM recommends undertaking the following additional stages of work:

- Completion of a HAZMAT survey of remaining buildings located on the southern portion of the Site.
- Review of the Section 167 certificate to confirm if the Site is identified as being of state heritage significance.
- Completion of a Stage 2 contamination assessment (combined with the recommended Stage 2 geotechnical investigation) to characterise the nature and extent of potential soil and groundwater contamination, targeting the potential areas of concern identified within the Site and also the proposed locations of excavation works required a part of the proposed development. Soil and groundwater samples should be analysed for the identified CoPCs listed in **Section 7.1** and assessed in accordance with the National Environment Protection (Assessment of Site Contamination) Measure 1999 (ASC NEPM, 2013). The design and cost of the Stage 2 contamination assessment would be informed by the proposed development plans for the Site and existing access constraints.
- The Stage 2 contamination assessment would likely incorporate the following elements:

- Preparation of a SAQP, which will include an assessment of:
 - Data quality objective (DQO) development.
 - Refinement of the CSM for the Site.
 - Confirmation of proposed sampling and analysis program, incorporating the findings of this Stage 1 ESA. The sampling program would likely comprise a combination of targeted and grid based sampling focusing on identified areas of concern.
 - Consideration would also be given to the requirement for waste classification sampling and analysis in the event that offsite disposal of material will be required.
- Preparation of a site specific Health and Safety Plan (HASP) including consideration of environmental management.
- Project management including subcontractor management, access approvals, stakeholder liaison, etc.
- Field Investigation comprising:
 - Service location in all areas that will be subject to intrusive investigations.
 - Drilling work and monitoring well installation.
 - Groundwater and soil sampling.
 - Survey of newly installed monitoring wells to a site specific datum to facilitate understanding of inferred groundwater flow direction.
 - Laboratory analysis of soil and groundwater samples.

Based on the results of the stage 2 contamination assessment, remediation and/or management of impacted areas may be required to mitigate risks during the construction works program and for the future proposed development. Any remediation works which may be required as an outcome of the Stage 2 contamination assessment would be informed by the preparation of a RAP.

It is noted that the information detailed within the RAP may also be used to inform the following:

- Provision of tender documentation for redevelopment works.
- Validation sampling based on the scope outlined in the RAP following completion of remediation works. It is noted that the validation sampling scope would likely incorporate the following requirements:
 - Groundwater and soil validation sampling.
 - Laboratory analysis of soil and groundwater samples.
 - Preparation of a validation report.
- Development of a CEMP to manage risks to construction and maintenance workers from impacted soils and groundwater during the redevelopment of the Site.
- Development of a Materials Management Plan to include a strategy for the management of materials so that impacted material can be potentially reused in less sensitive areas or managed within the Site to minimise off-site disposal of excavated material to a licensed landfill.

9.0 Important information about this report

Client details, scope and reliance

AECOM has prepared this report for the sole use of the Client and for a specific purpose, each as expressly stated in the report. No other party should rely on this report without the prior written consent of AECOM. AECOM undertakes no duty, nor accepts any responsibility, to any third party who may rely upon or use this report. This report has been prepared based on the Client's description of its requirements and AECOM's experience, having regarding assumptions that AECOM can reasonably be expected to make in accordance with sound professional principles. AECOM's findings represent its reasonable judgment within the time and budget context of its commission and utilising the information available to it at the time.

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Data sources

AECOM may have relied on information provided by the Client and third parties (Information Providers) to produce this report and arrive at its conclusions. AECOM has not verified information provided by the Information Providers (unless specifically agreed as part of AECOM's scope of work) and we assume no responsibility and make no representations with respect to the adequacy, accuracy or completeness of such information. AECOM assumes no responsibility for inaccuracies in reporting by the Information Providers including, without limitation, by the Client's employees or representatives or for inaccuracies in any other data source whether provided in writing or orally used in preparing or presenting the report.

Variability in conditions and limitations of data

Subsurface conditions are formed through a variety of natural processes and can be altered by human activities. The behaviour of the ground, groundwater and contaminants are complex and conditions can vary across a particular site. As a result, subsurface conditions cannot be exhaustively defined by investigations at discrete locations. Therefore, it is unlikely that the results and assessments expressed in this report will represent conditions at any location removed from the specific points of sampling. The precision with which conditions can be inferred depends largely on the uniformity of subsurface conditions and on the frequency and method of sampling as constrained by factors such as project budget and time limitations and physical constraints.

Furthermore, subsurface conditions can change over time, which should be considered when interpreting or using the data within this report.

Verification of opinions and recommendations

The opinions and recommendations in this report apply to the proposed development and the site existing at the time of our investigation and cannot necessarily apply to changes in the proposed development or site changes of which AECOM is not aware and has not had the opportunity to evaluate. Our recommendations should be considered to be preliminary and subject to verification during project implementation. If conditions encountered at the site are subsequently found to differ significantly from those anticipated, AECOM must be notified and be provided with an opportunity to review the recommendations.

10.0 References

AECOM Australia Pty Ltd (AECOM) (2012) *Phase 1 Contamination Assessment, Redfern Waterloo Sustainable Servicing and Supporting Infrastructure*, 4 December 2012

Environmental Resources Management Australia Pty Ltd (ERM) (2001) *Elizabeth Street Redfern, NSW, Phase 1 Site Contamination Assessment*, April 2001

Golder Associates Pty Ltd (Golder) (2005) *Site Summary Audit Report (Statutory) Stage 2 Environmental Site Assessment of Lot 1 & 2 in DP435765, and Lots 3, 4 & 5 in DP456634 Redfern, NSW*, June 2005; including Site Audit Statement by NSW EPA Accredited Site Auditor Kylie Lloyd of Golder Associates (23 June 2005) *NSW Site Auditor Scheme Site Audit Statement (Site Audit Statement No. KJL003)*.

Lotsearch (12 March 2018) *Environmental Risk and Planning Report, 600-660 Elizabeth Street, Redfern, NSW 2016*, Lotsearch Reference: LS002993

National Environment Protection Council (NEPC). *National Environment Protection (Assessment of Site Contamination) Measure 1999 as amended (the 2013 amended ASC NEPM), Schedule B(1) Guideline on Investigation Levels for Soil and Groundwater*.

NSW Department of Environment and Conservation (DEC) 2007. *Guidelines for the Assessment and Management of Groundwater Contamination* March 2007.

NSW Environment Protection Authority (EPA) 1995. *Sampling Design Guidelines*, September 1995.

NSW Environment Protection Authority (EPA) 2011. *Guidelines for Consultants Reporting on Contaminated Sites*, November 1997.

NSW EPA (2017). *Contaminated Land Management Guidelines for the NSW Site Auditor Scheme (3rd Edition)*. State of NSW and Environment Protection Authority.

Parsons Brinckerhoff Australia Pty Limited (2007) *Re: Findings of Phase 2 ESA and remedial requirements, Redfern*, 14 May 2007

Appendix A

Figures





















Appendix B

Lotsearch (2018) report

Lotsearch



Environmental Risk and Planning Report

600-660 Elizabeth Street, Redfern, NSW 2016

Report Date: 12 Mar 2018 15:05:41

Lotsearch Reference: LS002993

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
Cadastral Boundaries	Dept. Finance, Services & Innovation	12/03/2018	12/03/2018	Daily	-	-	-	-
Topographic Data	Dept. Finance, Services & Innovation	11/01/2018	11/01/2018	As required	-	-	-	-
List of NSW contaminated sites notified to EPA	Environment Protection Authority	05/03/2018	09/02/2018	Monthly	1000	0	0	14
Contaminated Land: Records of Notice	Environment Protection Authority	05/03/2018	05/03/2018	Monthly	1000	0	0	2
Former Gasworks	Environment Protection Authority	05/03/2018	12/09/2017	Monthly	1000	0	0	0
National Waste Management Site Database	Geoscience Australia	02/02/2018	07/03/2017	Quarterly	1000	0	0	0
EPA PFAS Investigation Program	Environment Protection Authority	07/03/2018	07/03/2018	Monthly	2000	0	0	1
EPA Other Sites with Contamination Issues	Environment Protection Authority	11/01/2018	11/01/2018	Quarterly	1000	0	0	0
Licensed Activities under the POEO Act 1997	Environment Protection Authority	09/03/2018	09/03/2018	Monthly	1000	0	0	3
Delicensed POEO Activities still Regulated by the EPA	Environment Protection Authority	09/03/2018	09/03/2018	Monthly	1000	0	0	4
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority	09/03/2018	09/03/2018	Monthly	1000	0	0	8
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	0	0
UBD Business to Business Directory 1991 (Road & Area Matches)	Hardie Grant			Not required	150	-	0	0
UBD Business to Business Directory 1986 (Premise & Intersection Matches)	Hardie Grant			Not required	150	1	30	34
UBD Business to Business Directory 1986 (Road & Area Matches)	Hardie Grant			Not required	150	-	2	2
UBD Business Directory 1982 (Premise & Intersection Matches)	Hardie Grant			Not required	150	1	23	28
UBD Business Directory 1982 (Road & Area Matches)	Hardie Grant			Not required	150	-	0	0
UBD Business Directory 1978 (Premise & Intersection Matches)	Hardie Grant			Not required	150	1	11	15
UBD Business Directory 1978 (Road & Area Matches)	Hardie Grant			Not required	150	-	3	3
UBD Business Directory 1975 (Premise & Intersection Matches)	Hardie Grant			Not required	150	1	17	23
UBD Business Directory 1975 (Road & Area Matches)	Hardie Grant			Not required	150	-	3	3
UBD Business Directory 1970 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	18	30
UBD Business Directory 1970 (Road & Area Matches)	Hardie Grant			Not required	150	-	8	8
UBD Business Directory 1965 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	22	32
UBD Business Directory 1965 (Road & Area Matches)	Hardie Grant			Not required	150	-	2	2
UBD Business Directory 1961 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	21	35
UBD Business Directory 1961 (Road & Area Matches)	Hardie Grant			Not required	150	-	6	6
UBD Business Directory 1950 (Premise & Intersection Matches)	Hardie Grant			Not required	150	5	38	47
UBD Business Directory 1950 (Road & Area Matches)	Hardie Grant			Not required	150	-	17	17
UBD Business Directory Drycleaners & Motor Garages/Service Stations (Premise & Intersection Matches)	Hardie Grant			Not required	500	0	1	82
UBD Business Directory Drycleaners & Motor Garages/Service Stations (Road & Area Matches)	Hardie Grant			Not required	500	-	4	29

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	Dept. Finance, Services & Innovation	11/01/2018	11/01/2018	Annually	1000	1	2	97
Tanks (Areas)	Dept. Finance, Services & Innovation	11/01/2018	11/01/2018	Annually	1000	0	0	0
Tanks (Points)	Dept. Finance, Services & Innovation	11/01/2018	11/01/2018	Annually	1000	0	0	0
Major Easements	Dept. Finance, Services & Innovation	08/01/2018	08/01/2018	As required	1000	0	0	6
State Forest	Dept. Finance, Services & Innovation	18/01/2018	18/01/2018	As required	1000	0	0	0
NSW National Parks and Wildlife Service Reserves	NSW Office of Environment & Heritage	18/01/2018	30/09/2017	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	384
Geological Units 1:100,000	NSW Dept. of Industry, Resources & Energy	20/08/2014		None planned	1000	1	-	3
Geological Structures 1:100,000	NSW Dept. of Industry, Resources & Energy	20/08/2014		None planned	1000	0	-	1
Naturally Occurring Asbestos Potential	NSW Dept. of Industry, Resources & Energy	04/12/2015	24/09/2015	Unknown	1000	0	0	0
Soil Landscapes	NSW Office of Environment & Heritage	12/08/2014		None planned	1000	1	-	3
Atlas of Australian Soils	CSIRO	19/05/2017	17/02/2011	As required	1000	1	1	3
Standard Local Environmental Plan Acid Sulfate Soils	NSW Planning and Environment	07/10/2016	07/10/2016	As required	500	1	-	-
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 & Heritage	12/05/2017	01/01/2002	None planned	1000	-	-	-
Mining Subsidence Districts	Dept. 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	0	0	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	29/01/2018	19/01/2018	Quarterly	1000	0	4	133
LEP - Minimum Subdivision Lot Size	NSW Planning and Environment	29/01/2018	19/01/2018	Quarterly	0	0	-	-
LEP - Height of Building	NSW Planning and Environment	29/01/2018	19/01/2018	Quarterly	0	0	-	-
LEP - Floor Space Ratio	NSW Planning and Environment	29/01/2018	19/01/2018	Quarterly	0	0	-	-
LEP - Land Application	NSW Planning and Environment	29/01/2018	19/01/2018	Quarterly	0	1	-	-
LEP - Land Reservation Acquisition	NSW Planning and Environment	29/01/2018	19/01/2018	Quarterly	0	0	-	-
State Heritage Items	NSW Office of Environment & Heritage	05/02/2018	30/09/2016	Quarterly	1000	0	0	14
Local Heritage Items	NSW Planning and Environment	05/02/2018	19/01/2018	Quarterly	1000	1	6	274
Bush Fire Prone Land	NSW Rural Fire Service	05/02/2018	23/01/2018	Quarterly	1000	0	0	0
Native Vegetation of the Sydney Metropolitan Area	NSW Office of Environment & 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
Groundwater Dependent Ecosystems	The Bureau of Meteorology	14/08/2017	15/05/2017	Unknown	1000	0	0	0
Inflow Dependent Ecosystems Likelihood	The Bureau of Meteorology	14/08/2017	15/05/2017	Unknown	1000	0	0	0

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features Onsite	No. Features within 100m	No. Features within Buffer
NSW BioNet Species Sightings	NSW Office of Environment & Heritage	09/03/2018	09/03/2018	Daily	10000	-	-	-

Aerial Imagery 2016

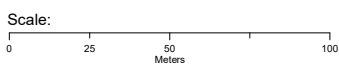
600-660 Elizabeth Street, Redfern, NSW 2016



Legend

-  Site Boundary
-  Buffer

© Department of Finance, Services & Innovation 2017



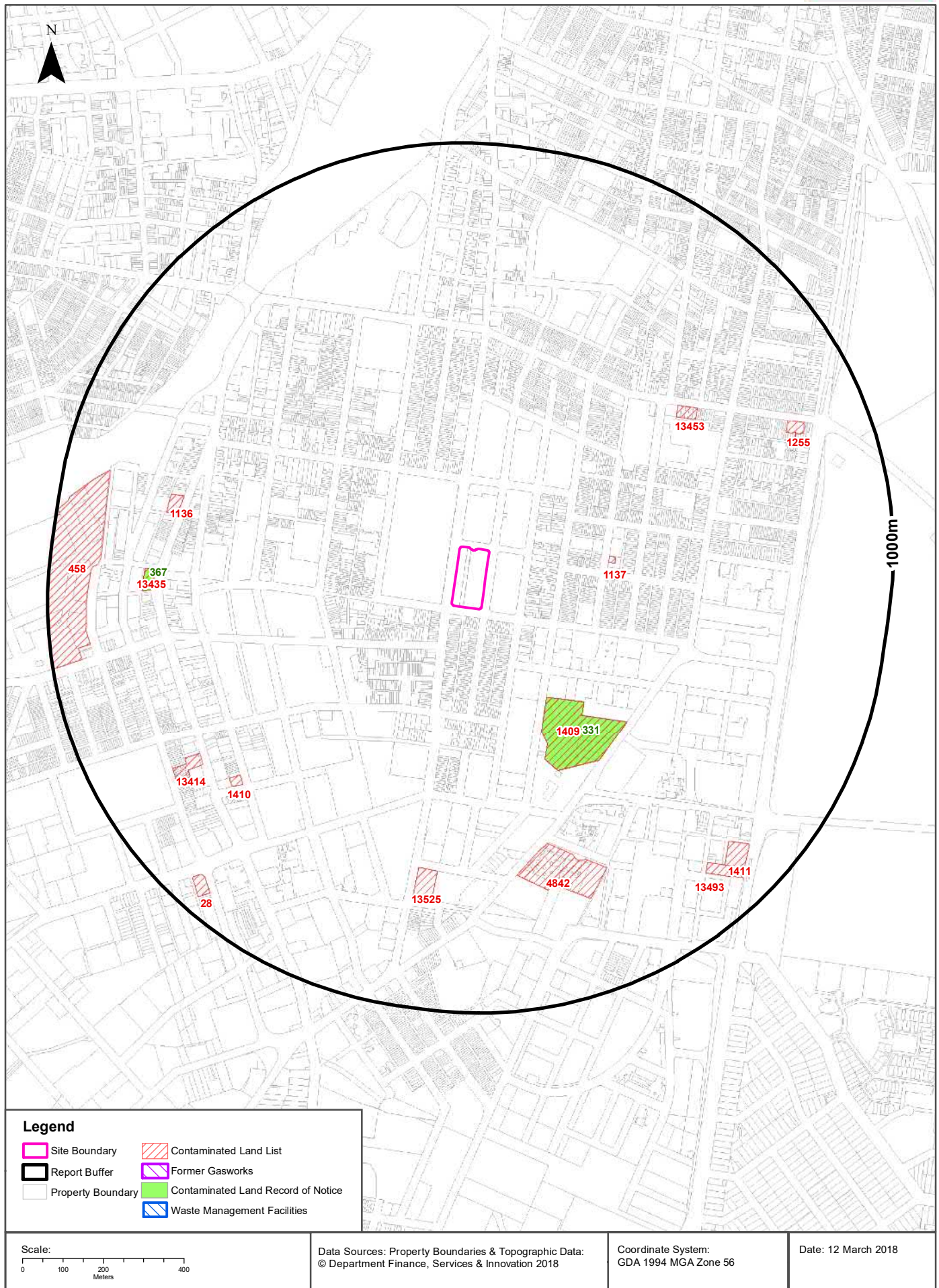
Data Sources: Aerial Imagery © Department Finance, Services & Innovation

Coordinate System:
GDA 1994 MGA Zone 56

Date: 12 March 2018

Contaminated Land & Waste Management Facilities

600-660 Elizabeth Street, Redfern, NSW 2016



Contaminated Land & Waste Management Facilities

600-660 Elizabeth 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
1409	Lawrence Dry Cleaners	887-893 Bourke Street	Waterloo	Unclassified	Contamination currently regulated under CLM Act	Current EPA List	Premise Match	272m	South East
1137	Former Printing Works	101a Marriott Street	Redfern	Other Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	295m	East
13453	BP-branded Jasbe Surry Hills	411 Cleveland STREET	Redfern	Service Station	Regulation under CLM Act not required	Current EPA List	Premise Match	570m	North East
4842	Diversity Waterloo	1-13 Archibald Avenue	Waterloo	Other Industry	Under assessment	Current EPA List	Premise Match	604m	South
13525	Iconic (Former Chubb Factory) Waterloo	830-838 Elizabeth STREET	WATERLOO	Other Industry	Under assessment	Current EPA List	Premise Match	654m	South
1410	Proposed Construction Site	2 John Street	Waterloo	Other Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	673m	South West
1136	BP Service Station	116 Regent Street	Redfern	Service Station	Regulation under CLM Act not required	Current EPA List	Premise Match	694m	West
13414	Alexandria Gardens	146-156 Wyndham St & 146-156 Botany Rd	ALEXANDRIA	Unclassified	Regulation under CLM Act not required	Current EPA List	Premise Match	726m	South West
13435	Formerly Gas N Go Alexandria (fully redeveloped into residential apartment as of September 2016)	10-20 Botany ROAD	ALEXANDRIA	Service Station	Under assessment	Current EPA List	Premise Match	736m	West
1255	Woolworths Petrol Surry Hills	475 Cleveland Street	Surry Hills	Service Station	Regulation under CLM Act not required	Current EPA List	Premise Match	791m	North East
1411	Shell Coles Express Service Station	867-877 South Dowling Street	Waterloo	Service Station	Regulation under CLM Act not required	Current EPA List	Premise Match	842m	South East
13493	22-24 Archibald Avenue	22-24 Archibald AVENUE	WATERLOO	Other Petroleum	Under assessment	Current EPA List	Premise Match	842m	South East
458	Australian Technology Park	Henderson Road	Eveleigh	Other Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	876m	West
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	911m	South West

The values within the EPA site management class in the table above, are given more detailed explanations in the table below:

EPA site management class	Explanation
Contamination being managed via the planning process (EP&A Act)	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation. The contamination of this site is managed by the consent authority under the Environmental Planning and Assessment Act 1979 (EP&A Act) planning approval process, with EPA involvement as necessary to ensure significant contamination is adequately addressed. The consent authority is typically a local council or the Department of Planning and Environment.
Contamination currently regulated under CLM Act	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation under the Contaminated Land Management Act 1997 (CLM Act). Management of the contamination is regulated by the EPA under the CLM Act. Regulatory notices are available on the EPA's Contaminated Land Public Record of Notices.
Contamination currently regulated under POEO Act	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation. Management of the contamination is regulated under the Protection of the Environment Operations Act 1997 (POEO Act). The EPA's regulatory actions under the POEO Act are available on the POEO public register.
Contamination formerly regulated under the CLM Act	The EPA has determined that the contamination is no longer significant enough to warrant regulation under the Contaminated Land Management Act 1997 (CLM Act). The contamination was addressed under the CLM Act.
Contamination formerly regulated under the POEO Act	The EPA has determined that the contamination is no longer significant enough to warrant regulation. The contamination was addressed under the Protection of the Environment Operations Act 1997 (POEO Act).
Contamination was addressed via the planning process (EP&A Act)	The EPA has determined that the contamination is no longer significant enough to warrant regulation. The contamination was addressed by the appropriate consent authority via the planning process under the Environmental Planning and Assessment Act 1979 (EP&A Act).
Ongoing maintenance required to manage residual contamination (CLM Act)	The EPA has determined that ongoing maintenance, under the Contaminated Land Management Act 1997 (CLM Act), is required to manage the residual contamination. Regulatory notices under the CLM Act are available on the EPA's Contaminated Land Public Record of Notices.
Regulation being finalised	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation under the Contaminated Land Management Act 1997. A regulatory approach is being finalised.
Regulation under the CLM Act not required	The EPA has completed an assessment of the contamination and decided that regulation under the Contaminated Land Management Act 1997 is not required.
Under assessment	The contamination is being assessed by the EPA to determine whether regulation is required. The EPA may require further information to complete the assessment. For example, the completion of management actions regulated under the planning process or Protection of the Environment Operations Act 1997. Alternatively, the EPA may require information via a notice issued under s77 of the Contaminated Land Management Act 1997 or issue a Preliminary Investigation Order.

NSW EPA Contaminated Land List Data Source: Environment Protection Authority
© State of New South Wales through the Environment Protection Authority

Contaminated Land & Waste Management Facilities

600-660 Elizabeth 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
331	Lawrence Dry Cleaners	887-893 Bourke Street	Waterloo	8 current and 3 former	3377	Premise Match	272m	South East
367	Formerly Gas N Go Alexandria (fully redeveloped into residential apartments)	10-20 Botany Road	Alexandria	2 current	3401	Premise Match	736m	West

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

Former Gasworks

Former Gasworks within the dataset buffer:

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

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

National Waste Management Site Database

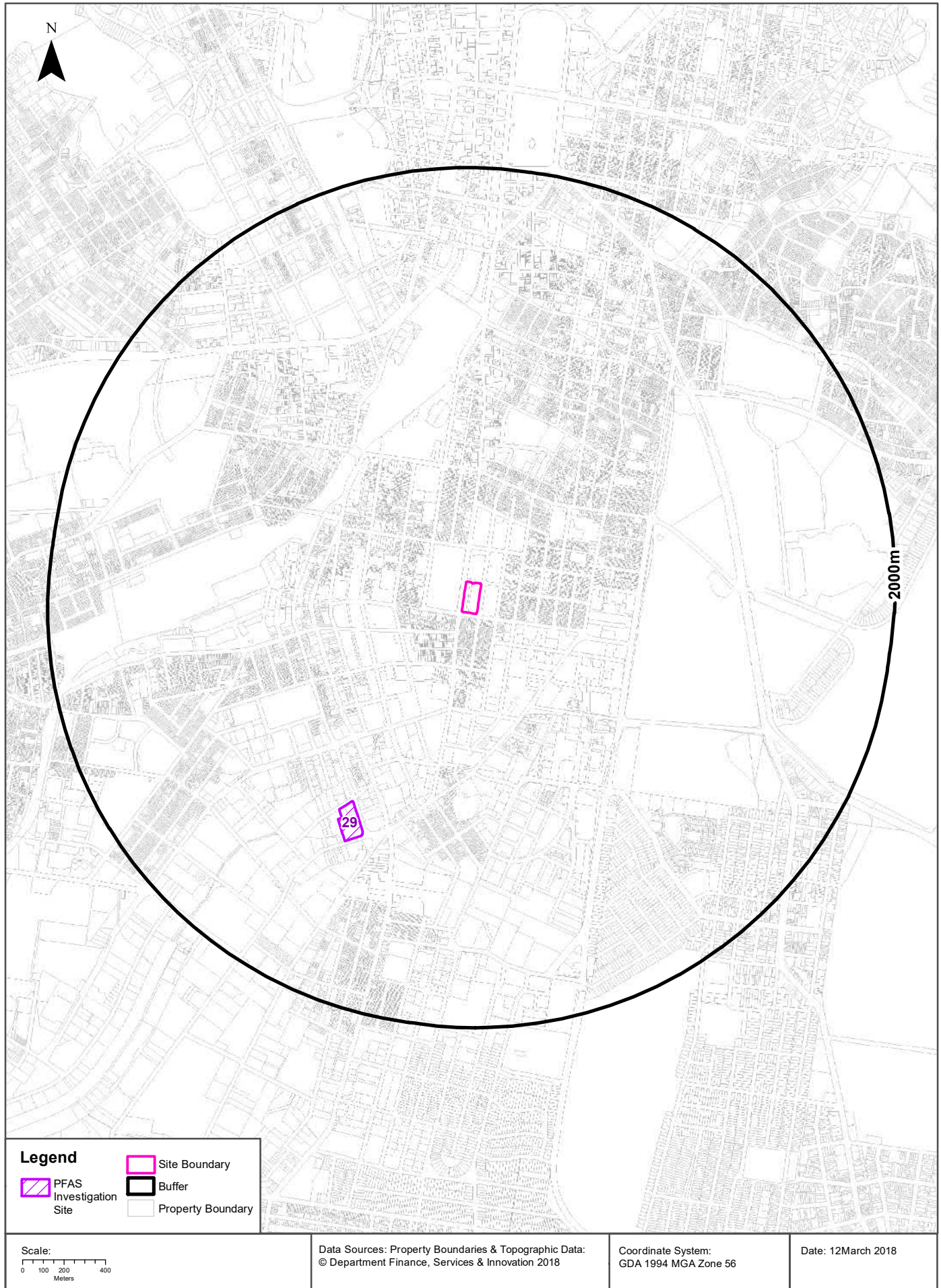
Sites on the National Waste Management Site Database within the dataset buffer:

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

600-660 Elizabeth Street, Redfern, NSW 2016



EPA PFAS Investigation Program

600-660 Elizabeth Street, Redfern, NSW 2016

EPA PFAS Investigation Program

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

Id	Site	Address	Location Confidence	Distance	Direction
29	Alexandria Fire & Rescue NSW		Premise Match	1058m	South West

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

EPA Other Sites with Contamination Issues

600-660 Elizabeth 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
© State of New South Wales through the Environment Protection Authority

Current EPA Licensed Activities

600-660 Elizabeth Street, Redfern, NSW 2016



EPA Activities

600-660 Elizabeth 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:

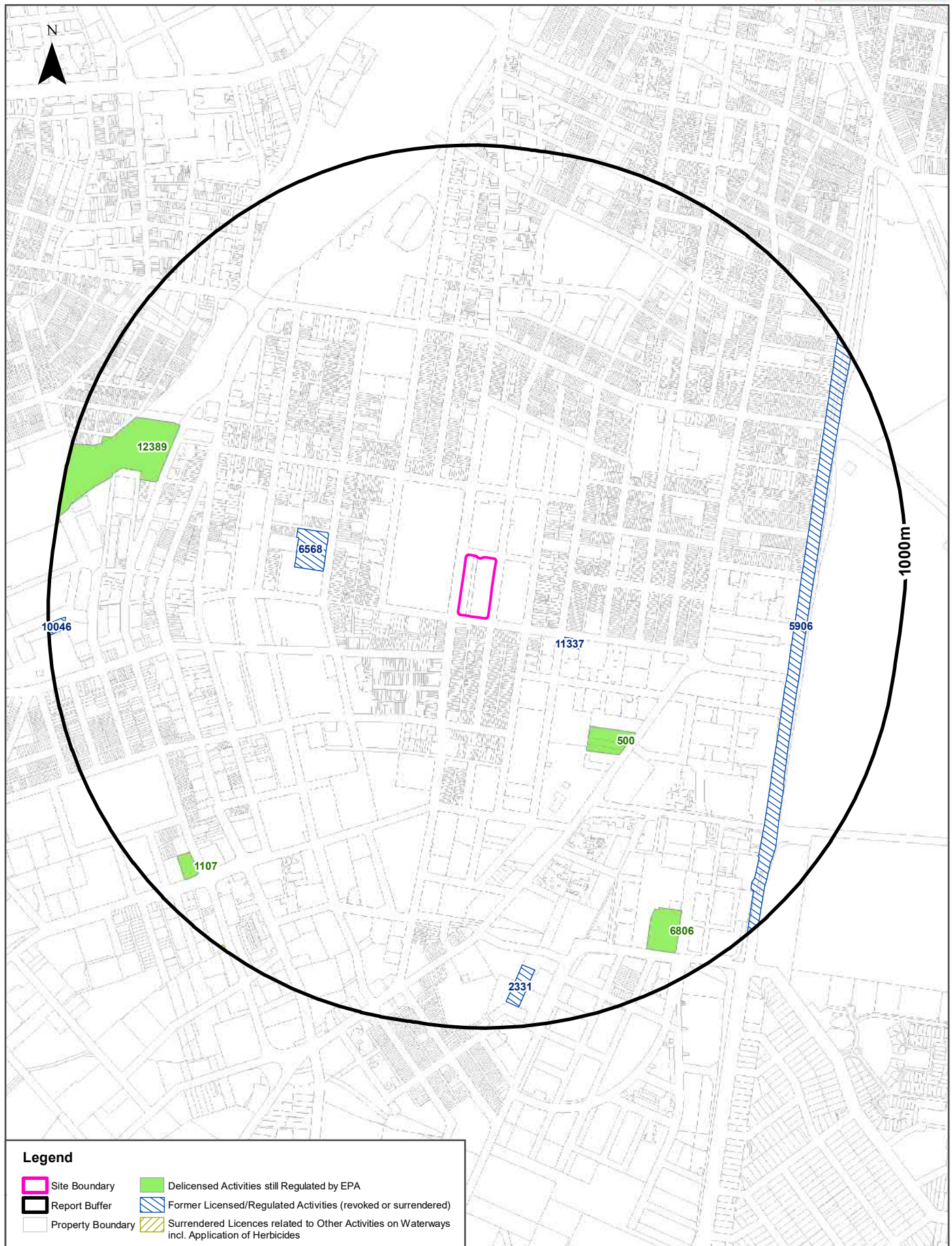
EPL	Organisation	Name	Address	Suburb	Activity	Loc Conf	Distance	Direction
12208	SYDNEY TRAINS		PO BOX K349, HAYMARKET, NSW 1238		Railway systems activities	Road Match	459m	North West
20971	JOHN HOLLAND PTY LTD	Sydney Metro City & Southwest Tunnels and Excavation Works	Between Chatswood railway station and Sydenham railway station	SYDNEY, NSW	Concrete works, Railway systems activities	Network of Features	611m	West
20699	ACCIONA INFRASTRUCTUR E AUSTRALIA PTY LTD	CBD and South East Light Rail	CBD and South East Light Rail Alignment and Ancillary Sites	SYDNEY	Land-based extractive activity	Road Match	830m	North East

POEO Licence Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

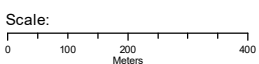
Delicensed & Former Licensed EPA Activities

600-660 Elizabeth Street, Redfern, NSW 2016



Legend

- Site Boundary
- Delicensed Activities still Regulated by EPA
- Report Buffer
- Former Licensed/Regulated Activities (revoked or surrendered)
- Property Boundary
- Surrendered Licences related to Other Activities on Waterways incl. Application of Herbicides



Property Boundary Data Source:
© Department Finance, Services & Innovation 2018

Coordinate System:
GDA 1994 MGA Zone 56

Date: 12 March 2018

EPA Activities

600-660 Elizabeth 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
500	LAWRENCE DRY CLEANERS PTY LTD	LAWRENCE DRY CLEANERS	887 BOURKE STREET	WATERLOO	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	363m	South East
12389	RAIL CORPORATION NEW SOUTH WALES	Xplorer Service Centre	Henderson Road (off)	EVELEIGH	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	768m	West
6806	HEIDELBERG GRAPHIC EQUIPMENT LIMITED	HEIDELBERG GRAPHIC EQUIPMENT LIMITED	50 O'DEA AVENUE	WATERLOO	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	819m	South East
1107	METROMIX PTY. LIMITED	ABLE ALEXANDRIA	131 WYNDHAM STREET	ALEXANDRIA	Concrete works	Premise Match	878m	South West

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
11337	DAVID GRAPHICS PTY LIMITED	165 Phillip Street, WATERLOO, NSW 2017	Surrendered	31/01/2001	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	194m	South East
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	Premise Match	340m	West
5906	CPB CONTRACTORS PTY LIMITED	EASTERN DISTRIBUTOR PROJECT, FROM CAHILL EXPRESSWAY, WOOLLOOMOOLOO TO LINK ROAD,, KENSINGTON	Surrendered	30/03/2000	Road construction	Road Match	743m	East
2331	EMWEST PRODUCTS PTY LIMITED	JOYNTON AVE, WATERLOO, NSW 2017	Surrendered	24/03/2000	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	850m	South
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	Premise Match	957m	West
4653	LUHRMANN ENVIRONMENT MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW	Surrendered		Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	991m	-
4838	Robert Orchard	Various Waterways throughout New South Wales - SYDNEY NSW 2000	Surrendered		Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	991m	-
6630	SYDNEY WEED & PEST MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW - PROSPECT, NSW, 2148	Surrendered		Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	991m	-

Former Licensed Activities Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

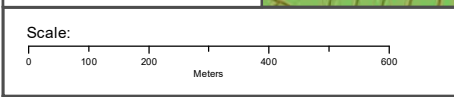
UPSS Sensitive Zones

600-660 Elizabeth Street, Redfern, NSW 2016



Legend

- Site Boundary
- Report Buffer
- UPSS Sensitive Zone



UPSS Data Source: Environment Protection Authority
© Dept of Environment, Climate Change & Water (NSW)

Coordinate System:
GDA 1994 MGA Zone 56

Date: 12 March 2018

Historical Business Directories

600-660 Elizabeth 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	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
N/A	No records in buffer				

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

1991 Business to Business Directory Records Road or Area Matches

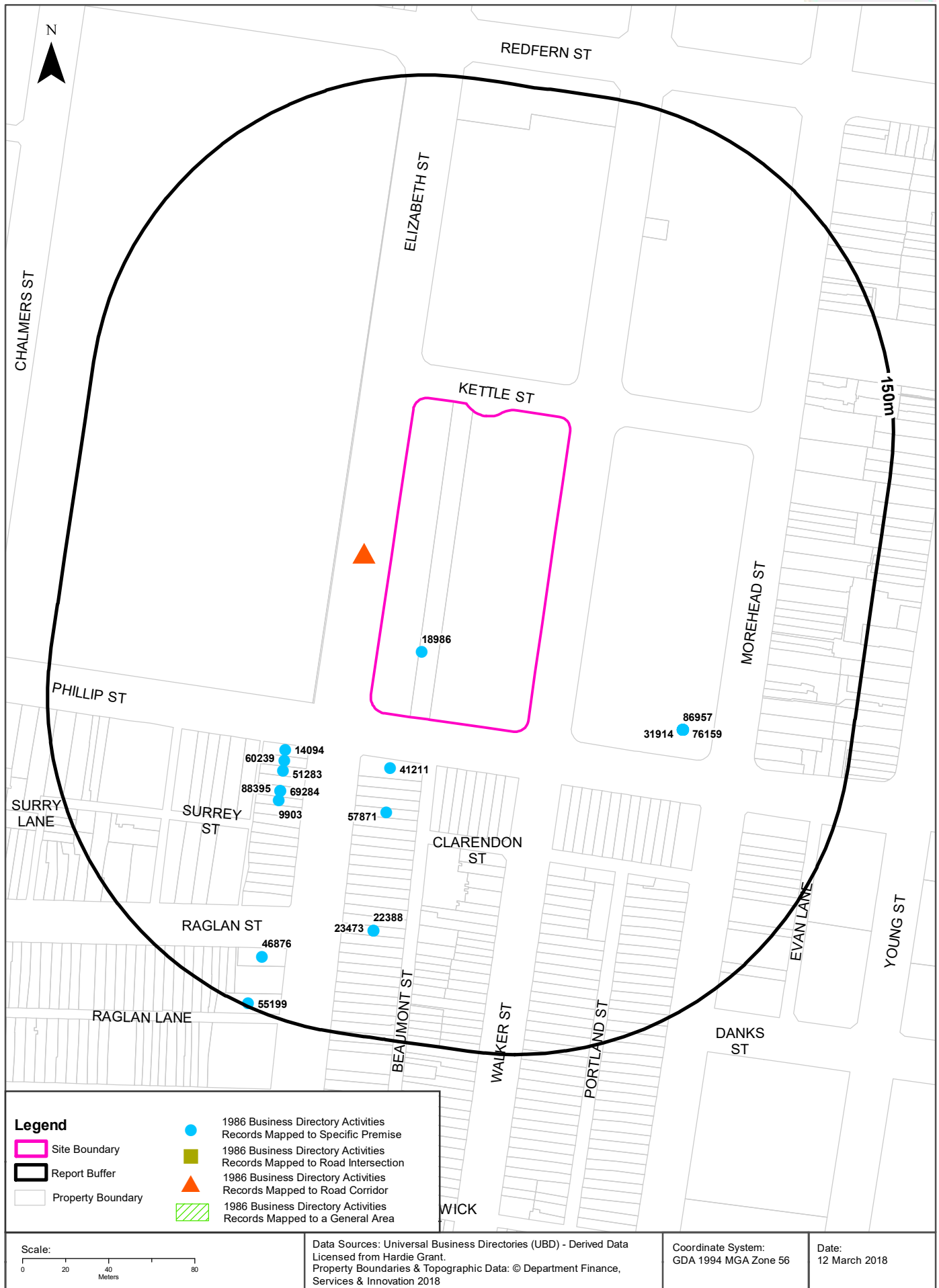
Records from the 1991 UBD Business to Business Directory, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
N/A	No records in buffer			

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

1986 Historical Business Directory Records

600-660 Elizabeth Street, Redfern, NSW 2016



Historical Business Directories

600-660 Elizabeth 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
CLUBS &/OR SPORTING BODIES.	South Sydney Police Citizens Boys Club, 638 Elizabeth St., Redfern	18986	Premise Match	0m	Onsite
GROCERS-RETAIL.	Unity Stores, 664 Elizabeth St., Waterloo.	41211	Premise Match	25m	South
MEDICAL PRACTITIONERS.	Tan, K. L., 672 Elizabeth St., Waterloo.	57871	Premise Match	46m	South
CHEMISTS-PHARMACEUTICAL.	Club Pharmacy, The, 631 Elizabeth St., Waterloo.	14094	Premise Match	46m	South West
MIXED BUSINESSES.	Niches, J., 633 Elizabeth St., Waterloo.	60239	Premise Match	49m	South West
LAUNDRIES &/OR LAUNDRETTES.	Waterloo Coin Laundry, 635 Elizabeth St., Waterloo.	51283	Premise Match	52m	South West
NEWSAGENTS.	Deece, S., 639 Elizabeth St., Waterloo,.	69284	Premise Match	58m	South West
STATIONERS - RETAIL.	Deece, S., 639 Elizabeth St., Waterloo.	88395	Premise Match	58m	South West
BUTCHERS-RETAIL.	Fiona Quality Meats, 641 Elizabeth St., Waterloo,	9903	Premise Match	62m	South West
PRINTERS - LETTERPRESS.	Cave Industries 52 Phillip St , Redfern.	76159	Premise Match	72m	South East
CHINA &/OR CROCKERY MFRS. &/OR IMPS &/OR W/SALERS.	Covell, C. M. & Co., 52 Phillip St , Redfern	15127	Premise Match	72m	South East
PRINTERS - LITHOGRAPHIC.	Dale Industries, 52 Phillip St., Redfern.	76598	Premise Match	72m	South East
NEWSPAPER PUBLISHERS.	Fishing News, 52 Phillip St., Redfern.	69812	Premise Match	72m	South East
OFFICE EQUIPMENT &/OR SUPPLIESFRS. &/OR IMPS. &/OR W/SALERS.	Kor-Kor Distributors (NSW), 52 Phillip St., Redfern.	70261	Premise Match	72m	South East
TYPEWRITER MFRS. &/OR IMPS. &/OR DIST.	Kor-Kor Distributors (NSW), 52 Phillip St., Redfern.	96183	Premise Match	72m	South East
TYPEWRITER RIBBON MFRS.	Kor-Kor Distributors (NSW), 52 Phillip St., Redfern.	96209	Premise Match	72m	South East
FAN &/OR BLOWER MFRS. &/OR DIST.	Monocor International Pty. Ltd., 52 Phillip St., Redfern.	31914	Premise Match	72m	South East
WOOLLEN & WORSTED MFRS.	Redden Worsted Fabrics Pty. Ltd., 52 Phillip St., Redfern.	99960	Premise Match	72m	South East
SKI - SNOW EQUIPMENT &/OR APPAREL.	Total Ski Repairs, 52 PHillip St., Redfern.	86957	Premise Match	72m	South East
IMPORTERS.	Alpine Imports Pty. Ltd., 52 Phillip St., Redfern.	47461	Premise Match	72m	South East
GIFTS-WHOLESALE.	Covell, C M. & Co , 52 Philip St., Redfern.	39624	Premise Match	72m	South East
DATA PROCESSING SYSTEMS &/OR EQUIPMENT.	Media Marketing Pty. Ltd., 52 Phillip St., Redfern.	21464	Premise Match	72m	South East
TYPEWRITER SUPPLIES.	Media Marketing Pty. Ltd., 52 Phillip St., Redfern.	96231	Premise Match	72m	South East
MANUFACTURERS AGENTS.	Alpine Imports Pty. Ltd., 52 Phillip St., Redfern.	52479	Premise Match	72m	South East
BOOKSELLERS-WHOLESALE.	Book Supplies Pty. Ltd., 52 Phillip St., Redfern.	7279	Premise Match	72m	South East
BOOKSELLERS-WHOLESALE.	Clarendale Holdings Pty. Ltd., 52 Phillip St., Redfern.	7283	Premise Match	72m	South East
OFFICE SUPPLIES &/OR EQUIPMENT - RETAIL.	Media Marketing Pty. Ltd., 52 Phillip St., Redfern.	70453	Premise Match	72m	South East

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
PHOTOGRAPHERS COMMERCIAL &/OR INDUSTRIAL.	Rapport Photo Agency, 52 Phillip St., Redfern.	72868	Premise Match	72m	South East
ADVERTISING AGENCIES.	South Pacific Features, 52 Phillip St., Redfern	1524	Premise Match	72m	South East
PHOTOGRAPHERS COMMERCIAL &/OR INDUSTRIAL.	Walls, Rob, 52 Phillip St., Redfern.	72882	Premise Match	72m	South East
DENTISTS.	Chan, M., 696 Elizabeth St., Waterloo.	22388	Premise Match	101m	South
DENTISTS.	Turner, Barry N., 696 Elizabeth St., Waterloo. .	23473	Premise Match	101m	South
HOTELS-LICENSED.	Mount Lachlan Hotel, 663 Elizabeth St., Waterloo.	46876	Premise Match	126m	South West
MEDICAL PRACTITIONERS.	Guyot, J. R., 671 Elizabeth St., Waterloo.	55199	Premise Match	149m	South West

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

1986 Business to Business Directory Records Road or Area Matches

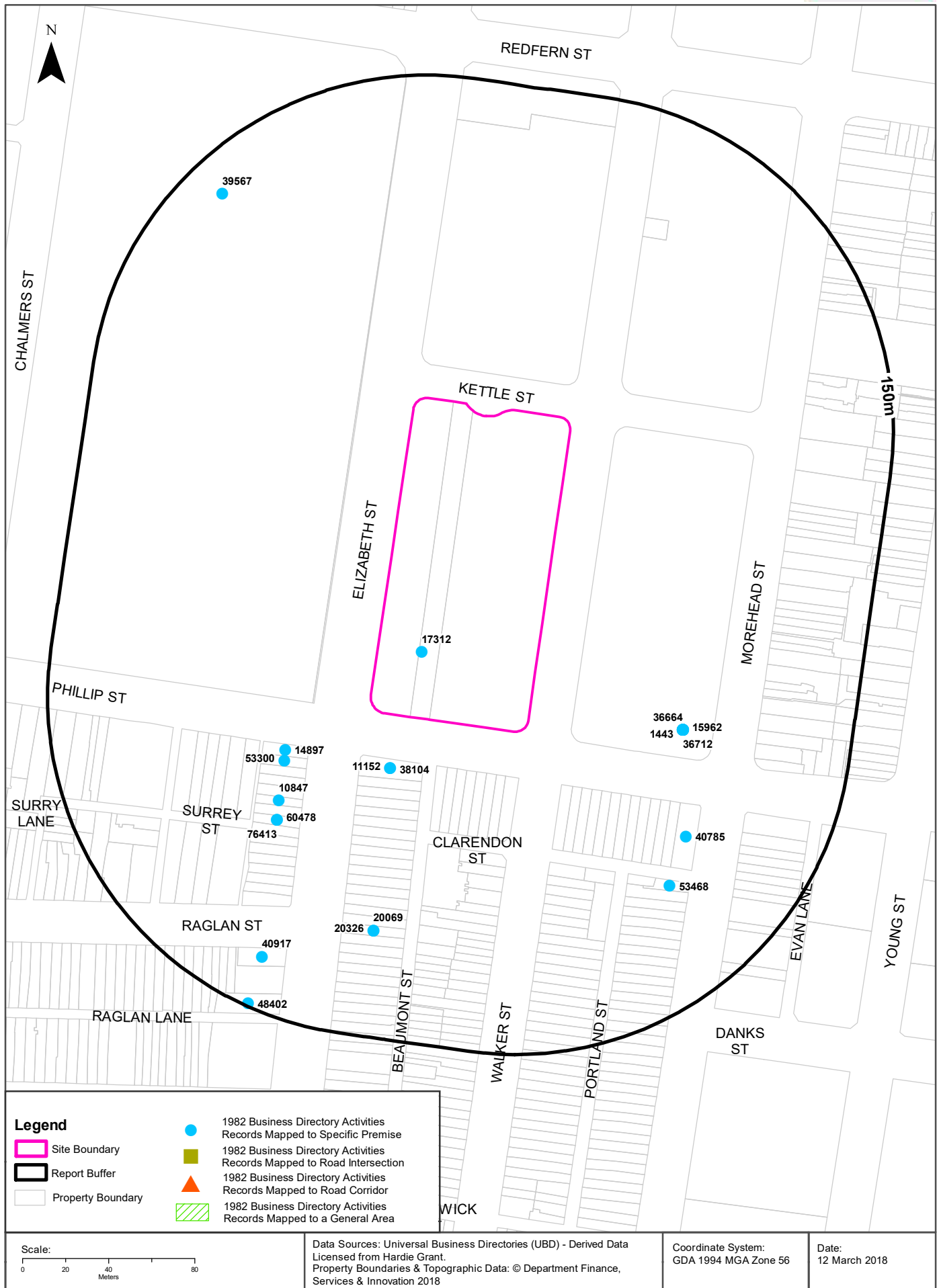
Records from the 1986 UBD Business to Business Directory, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
CLOTHING MFRS. &/OR W/SALERS.-MENS &/OR BOYS WEAR.	Merkury Clothing, Elizabeth St., Redfern.	16181	Road Match	0m
HEALTH CENTRES &/OR CLINICS.	Redfern Baby Health Centre, Redfern Park, Elizabeth St., Redfern.	45120	Road Match	0m

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

1982 Historical Business Directory Records

600-660 Elizabeth Street, Redfern, NSW 2016



Historical Business Directories

600-660 Elizabeth 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
CLUBS &/OR SPORTING BODIES.(C5730)	South Sydney Police Citizens Boys Club, 638 Elizabeth St., Redfern.2016.	17312	Premise Match	0m	Onsite
BUTCHERS - RETAIL. (B8040)	Lundberg, G. N., 662 Elizabeth St., Waterloo. 2017.	11152	Premise Match	25m	South
GROCERS - RETAIL. (G7850)	Unity Stores, 664 Elizabeth St., Waterloo. 2017.	38104	Premise Match	25m	South
CHEMISTS - PHARMACEUTICAL. (C4110)	Club Pharmacy, The, 631 Elizabeth St., Waterloo. 2017	14897	Premise Match	46m	South West
MIXED BUSINESSES. (M4060)	Nichas, J., 633 Elizabeth St., Waterloo. 2017.	53300	Premise Match	49m	South West
BUTCHERS - RETAIL. (B8040)	Fiona Quality Meats, 641 Elizabeth St., Waterloo. 2017.	10847	Premise Match	62m	South West
NEWSAGENTS. (N0800)	Deece, S., 645 Elizabeth St., Waterloo. 2017.	60478	Premise Match	69m	South West
STATIONERS - RETAIL. (S5535)	Deece, S., 645 Elizabeth St., Waterloo. 2017.	76413	Premise Match	69m	South West
FURNITURE - CONTEMPORARY MFRS. &/W/SALERS. (F7400)	Contribution Furniture Co. Pty. Ltd., 52 Phillip St, Redfern.2016.	34460	Premise Match	72m	South East
FURNITURE-GENERAL-MFRS.&/OR W/SALERS. (F7675)	Contribution Furniture Co. Pty. Ltd., 52 Phillip St., Redfern.2016.	34964	Premise Match	72m	South East
CHINA &/OR CROCKERY MFRS. &/OR IMPS &/OR W/SALERS.(C4290)	Coveil, C. M. & Co., 52 Phillip St., Redfern, 2016.	15962	Premise Match	72m	South East
SPORTING TROPHIES. (S4800)	Tromar Trophies Pty. Ltd., 52 Phillip St., Redfern. 2016.	75342	Premise Match	72m	South East
IMPORTERS. (I0750)	Alpine Imports Pty. Ltd., 52 Phillip St., Redfern. 2016.	41390	Premise Match	72m	South East
GIFTS - WHOLESALE. (G3470)	Coved, C. M. & Co., 52 Phillip St., Redfern. 2016.	36664	Premise Match	72m	South East
INTERIOR DECORATORS. (I5050)	Stirling & Stevens, 52 Phillip St., Redfern. 2016.	43044	Premise Match	72m	South East
GIFTS - WHOLESALE. (G3470)	Tromar Trophies Pty. Ltd., 52 Phillip St., Redfern. 2016.	36712	Premise Match	72m	South East
MANUFACTURERS AGENTS, (M0800)	Alpine Imports Pty. Ltd., 52 Phillip St, Redfern. 2016,	46120	Premise Match	72m	South East
ADVERTISING AGENCIES. (A1250)	Heron Advertising, 52 Phillip St., Redfern. 2016.	1347	Premise Match	72m	South East
PHOTOGRAPHERS-COMMERCIAL. (P3480)	Lawrence-Slater, Michael, 52 Phillip St, Redfern. 2016.	63508	Premise Match	72m	South East
ADVERTISING AGENCIES. (A1250)	Thought Production, 52 Phillip St., Redfern. 2016.	1443	Premise Match	72m	South East
PHOTOGRAPHERS-COMMERCIAL. (P3480)	Walls, Rob, 52 Phillip St., Redfern, 2016.	63537	Premise Match	72m	South East
HOTELS - LICENSED. (H7150)	Grosvenor Hotel, Phillip St., Waterloo. 2017.	40785	Premise Match	90m	South East
MIXED BUSINESSES. (M4060)	Toberty, J, 54 Moorehead St., Waterloo. 2017.	53468	Premise Match	100m	South East
DENTISTS. (D1800)	Chan, M., 696 Elizabeth St., Waterloo. 2017.	20069	Premise Match	101m	South
DENTISTS. (D1800)	Harrison, J., 696 Elizabeth St., Waterloo. 2017.	20326	Premise Match	101m	South
HOTELS - LICENSED. (H7150)	Mount Lachlan Hotel, 663 Elizabeth St., Waterloo. 2017.	40917	Premise Match	126m	South West

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
HEALTH CENTRES &/OR CLINICS.(H2800)	Redfern Baby Health Centre, Redfern Park, Elizabeth St., Redfern.2016	39567	Premise Match	132m	North West
MEDICAL PRACTITIONERS. (M2020)	Guyot, J. R., 671 Elizabeth St., Waterloo. 2017.	48402	Premise Match	149m	South West

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1982 Business Directory Records Road or Area Matches

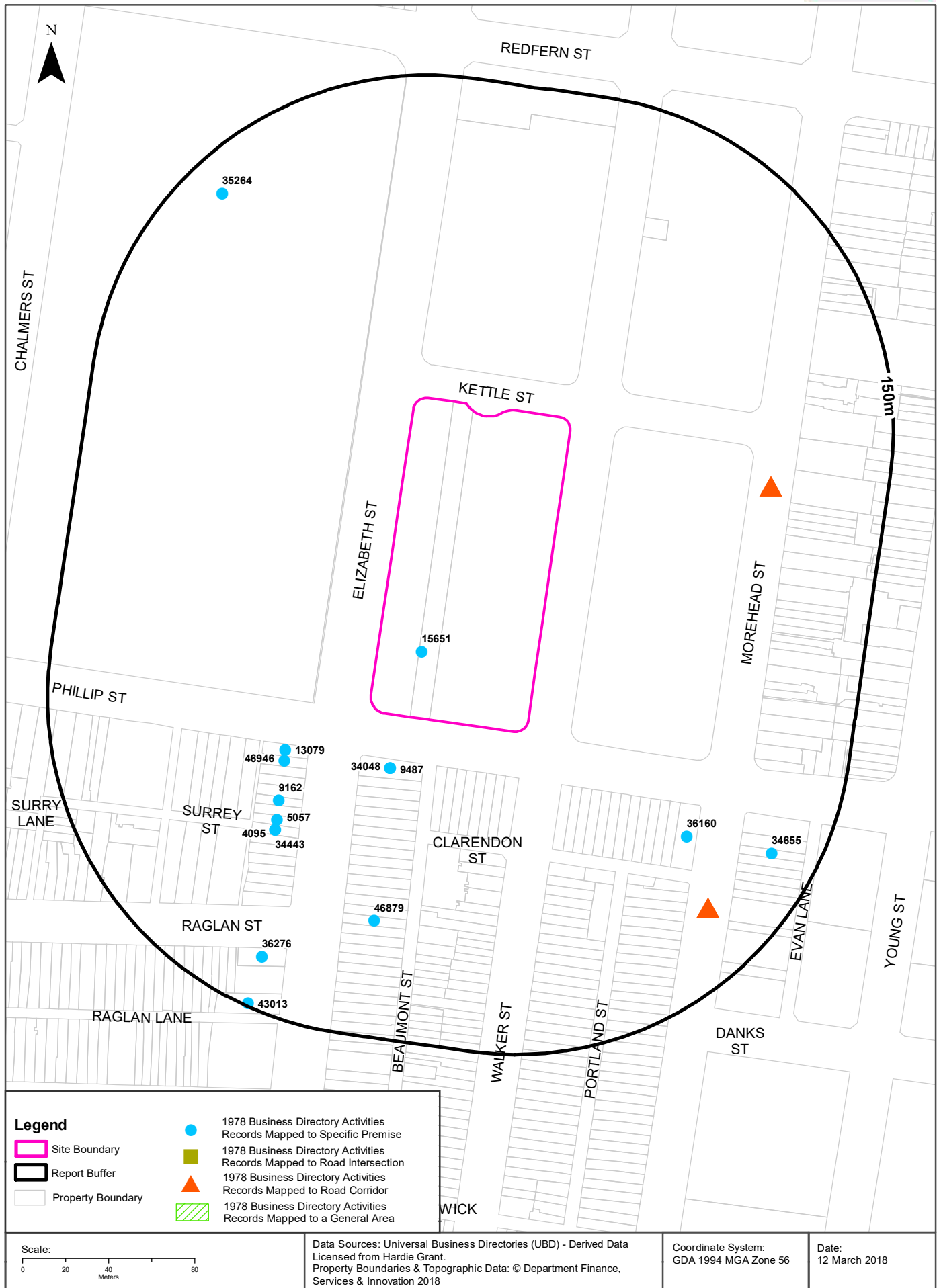
Records from the 1982 UBD Business Directory, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
N/A	No records in buffer			

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1978 Historical Business Directory Records

600-660 Elizabeth Street, Redfern, NSW 2016



Historical Business Directories

600-660 Elizabeth 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
CLUBS &/OR SPORTING BODIES.	South Sydney Police Citizens Boys Club. Elizabeth St., Redfern.	15651	Premise Match	0m	Onsite
BUTCHERS-RETAIL.	Lundberg. G.N., 662 Elizabeth St., Waterloo.	9487	Premise Match	25m	South
GROCERS-RETAIL:	M.F.C. Stores, 664 Elizabeth St., Waterloo.	34048	Premise Match	25m	South
CHEMISTS-PHARMACEUTICAL.	Club Pharmacy. The. 631 Elizabeth St., Waterloo.	13079	Premise Match	46m	South West
MIXED BUSINESSES.	Nichas, J., 633 Elizabeth St., Waterloo.	46946	Premise Match	49m	South West
BUTCHERS-RETAIL.	Fiona Quality Meats. 641 Elizabeth St., Waterloo.	9162	Premise Match	62m	South West
BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Hair Advisory Centre, The, 645 Elizabeth St., Waterloo.	5057	Premise Match	69m	South West
BABY &/OR CHILDRENS WEAR- RETAIL.	Sackar, L. E., 647 Elizabeth St., Waterloo.	4095	Premise Match	73m	South West
HABERDASHERY-RETAIL.	Sackar, L. E., 647 Elizabeth St., Waterloo.	34443	Premise Match	73m	South West
HOTELS-LICENSED.	Grosvenor Hotel. Phillip St., Waterloo.	36160	Premise Match	91m	South East
MIXED BUSINESSES.	Martin, A. P.. 694 Elizabeth St., Waterloo.	46879	Premise Match	96m	South
HOTELS-LICENSED.	Mount Lachlan Hotel, 663 Elizabeth St., Waterloo.	36276	Premise Match	126m	South West
HAIRDRESSERS-GENTS.	Notaras, E., 135 Moorehead St., Waterloo.	34655	Premise Match	128m	South East
HEALTH CENTRES &/OR CLINICS.	Redfern Baby Health Centre, Redfern Park, Elizabeth St., Redfern.	35264	Premise Match	132m	North West
MEDICAL PRACTITIONERS.	Guyot, J. R.. 671 Elizabeth St., Waterloo	43013	Premise Match	149m	South West

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1978 Business Directory Records Road or Area Matches

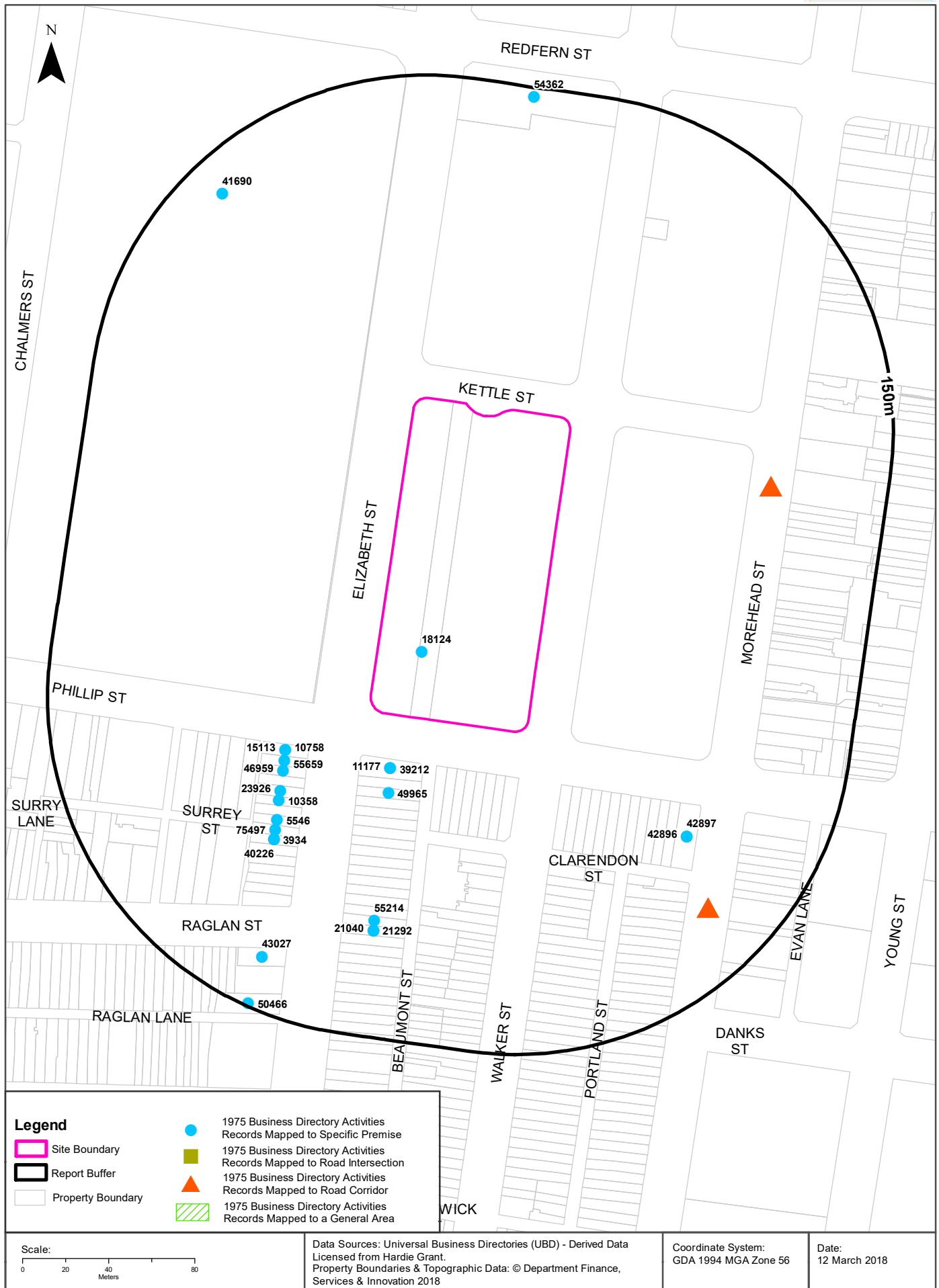
Records from the 1978 UBD Business Directory, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
BUTCHERS-RETAIL.	Lillicrap, D., 43 Moorehead Rd., Redfern.	9472	Road Match	86m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	BP Waterloo Service Station, Moorehead St., Waterloo.	49643	Road Match	90m
WELDERS-ELECTRIC &/OR OXY.	BP Waterloo Service Station, Moorehead St., Waterloo.	74150	Road Match	90m

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1975 Historical Business Directory Records

600-660 Elizabeth Street, Redfern, NSW 2016



Historical Business Directories

600-660 Elizabeth 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
CLUBS & /OR SPORTING BODIES	South Sydney Police Citizens Boys Club, Elizabeth St., Redfern.	18124	Premise Match	0m	Onsite
GROCERS-RETAIL	Byrnes Cash Stores, 664 Elizabeth St., Waterloo.	39212	Premise Match	25m	South
BUTCHERS-RETAIL	South Sydney Butchery, 662 Elizabeth St., Waterloo	11177	Premise Match	25m	South
MEDICAL PRACTITIONERS.	Collins, K., 668 Elizabeth St., Waterloo.	49965	Premise Match	37m	South
CHEMISTS-PHARMACEUTICAL	Club Pharmacy, The, 631 Elizabeth St., Waterloo.	15113	Premise Match	46m	South West
BUTCHERS-RETAIL	Matey, P. K., 631 Elizabeth St., Redfern.	10758	Premise Match	46m	South West
MIXED BUSINESSES.	South's Milk Bars & Delicatessen, 633 Elizabeth St., Waterloo.	55659	Premise Match	49m	South West
LAUNDRIES &/OR LAUNDRETTES.	Laundromat, 635 Elizabeth St., Waterloo	46959	Premise Match	52m	South West
DRY CLEANERS, PRESSERS&/OR DYERS.	Athens Dry Cleaners, 639 Elizabeth St., Waterloo	23926	Premise Match	58m	South West
BUTCHERS-RETAIL	Fiona Quality Meats, 641 Elizabeth St., Waterloo.	10358	Premise Match	62m	South West
BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Le-Quins Coiffure. 645 Elizabeth St., Waterloo.	5546	Premise Match	69m	South West
SANDWICH &/OR LUNCHEON SHOPS.	Stuart's Cakes, 649 Elizabeth St., Waterloo.	75497	Premise Match	73m	South West
HABERDASHERY-RETAIL	Sackar, L. E., 647 Elizabeth St., Waterloo	40226	Premise Match	77m	South West
BABY &/OR CHILDRENS WEAR- RETAIL	Sackar, L. E., 647 Elizabeth St., Waterloo.	3934	Premise Match	77m	South West
HOTELS-LICENCED	Grosvenor Hotel, Marchead St., Redfern.	42896	Premise Match	91m	South East
HOTELS-LICENCED	Grosvenor Hotel, Phillip St., Waterloo.	42897	Premise Match	91m	South East
MIXED BUSINESSES.	Martin, A. P., 694 Elizabeth St., Waterloo.	55214	Premise Match	96m	South
DENTISTS.	Hodge, N., 696 Elizabeth St., Waterloo.	21040	Premise Match	101m	South
DENTISTS.	Polyblank, A., 696 Elizabeth St., Waterloo.	21292	Premise Match	101m	South
HOTELS-LICENCED	Mount Lachlan Hotel. 663 Elizabeth St., Waterloo	43027	Premise Match	126m	South West
HEALTH CENTRES	Redfern Baby Health Centre, Redfern Park, Elizabeth St., Redfern.	41690	Premise Match	132m	North West
MISSIONS &/OR RELIGIOUS BODIES.	Redfern Mission, 47 Redfern St., Redfern.	54362	Premise Match	146m	North
MEDICAL PRACTITIONERS.	Guyot, J. R., 671 Elizabeth St., Waterloo.	50466	Premise Match	149m	South West

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1975 Business Directory Records Road or Area Matches

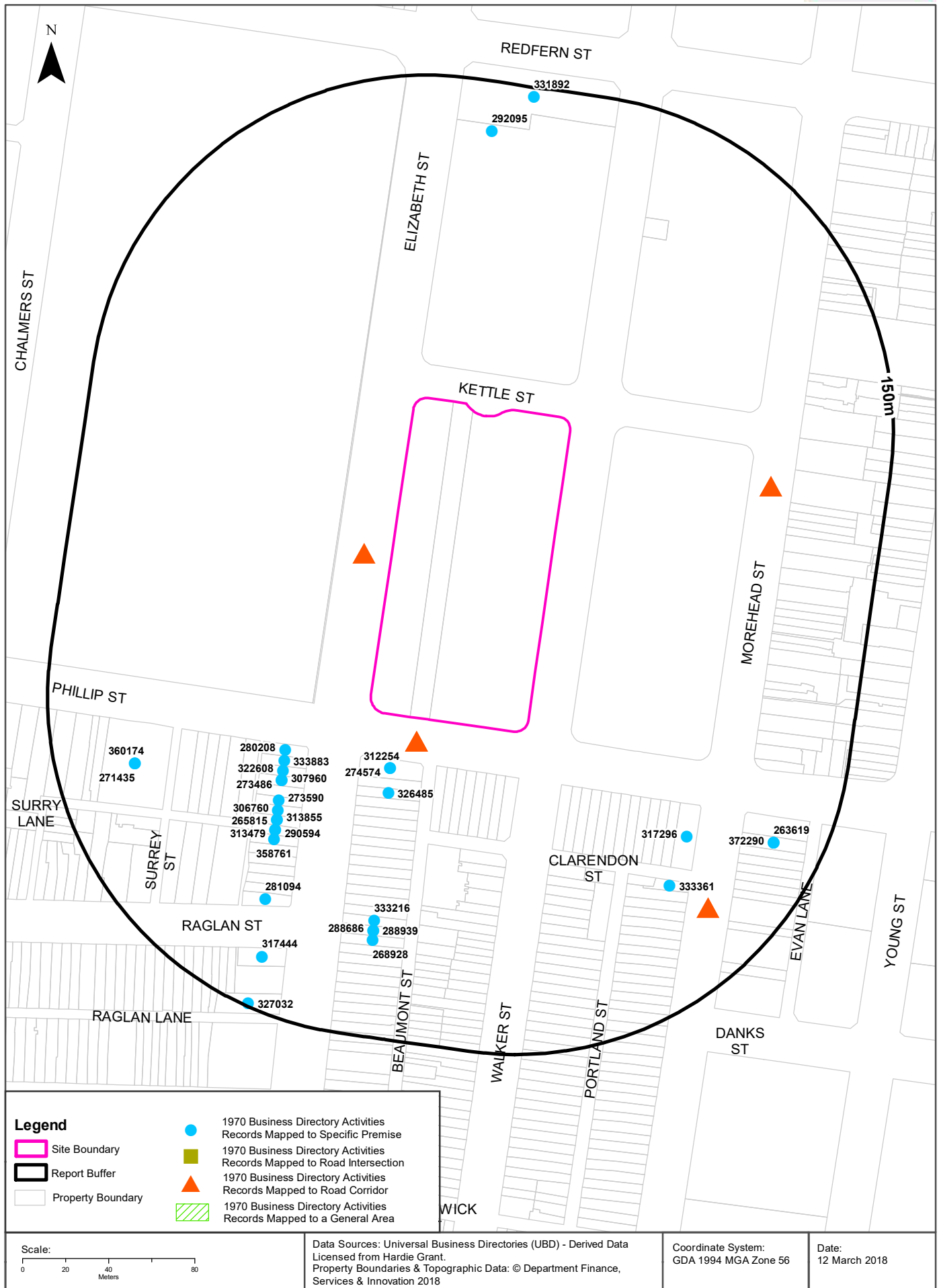
Records from the 1975 UBD Business Directory, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
BUTCHERS-RETAIL	Paynters Butchery, Moorehead St., Redfern.	10975	Road Match	86m
WELDERS., Electric &/OR OXY.	BP Waterloo Service Station, Moorehead St, Waterloo.	86814	Road Match	90m
MOTOR SERVICE STATIONS - PETROL, OIL	BP Waterloo Service Station. Moorehead St., Waterloo.	61580	Road Match	90m

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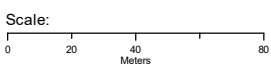
1970 Historical Business Directory Records

600-660 Elizabeth Street, Redfern, NSW 2016



Legend

- Site Boundary
- Report Buffer
- Property Boundary
- 1970 Business Directory Activities Records Mapped to Specific Premise
- 1970 Business Directory Activities Records Mapped to Road Intersection
- 1970 Business Directory Activities Records Mapped to Road Corridor
- 1970 Business Directory Activities Records Mapped to a General Area



Data Sources: Universal Business Directories (UBD) - Derived Data Licensed from Hardie Grant.
Property Boundaries & Topographic Data: © Department Finance, Services & Innovation 2018

Coordinate System: GDA 1994 MGA Zone 56

Date: 12 March 2018

Historical Business Directories

600-660 Elizabeth 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
GROCERS-RETAIL (G655)	Byrnes Cash Store,664 Elizabeth St.,Waterloo	312254	Premise Match	25m	South
BUTCHERS-RETAIL (B860)	South Sydney Butchery, 662 Elizabeth St., Waterloo	274574	Premise Match	25m	South
MEDICAL PRACTITIONERS (M216)	Collins,K.,668 Elizabeth St.,Waterloo	326485	Premise Match	37m	South
CHEMISTS-PHARMACEUTICAL (C286)	Club Pharmacy (The), 631 Elizabeth St-, Waterloo	280208	Premise Match	46m	South West
MIXED BUSINESSES (M408)	Souths Milk Bars & Delicatessen,633 Elizabeth St.,Waterloo	333883	Premise Match	49m	South West
LAUNDRIES &/OR LAUNDRETTES(L250)	Laundromat,635 Elizabeth St.,Waterloo	322608	Premise Match	52m	South West
BUTCHERS-RETAIL (B860)	Donin's Butchery, 637 Elizabeth St., Waterloo	273486	Premise Match	55m	South West
FRUITERERS/GREENGROCERS (F640)	South Sydney Fruit & Veg.,637 Elizabeth St.,Waterloo	307960	Premise Match	55m	South West
BUTCHERS-RETAIL (B860)	Fiona Quality Meats, 641 Elizabeth St., Waterloo	273590	Premise Match	62m	South West
FRUITERERS/GREENGROCERS (F640)	Cameron,Mrs.U.,643 Elizabeth St.,Waterloo	306760	Premise Match	65m	South West
BEAUTY SALONS &/OR LADIES' HAIRDRESSERS (B260)	Edward & Michael Salons, 645 Elizabeth St	265815	Premise Match	69m	South West
HAIRDRESSERS (GENT.'S) (H070)	Edward & Michael,645 Elizabeth St.,Waterloo	313855	Premise Match	69m	South West
HABERDASHERY-RETAIL (H010)	Sackar,L. E.,647 Elizabeth St.,Waterloo	313479	Premise Match	73m	South West
DRAPERS-RETAIL (D540)	Sackar,L.,647 Elizabeth St.,Waterloo	290594	Premise Match	73m	South West
SANDWICH/LUNCHEON SHOPS (S065)	Kates Cakes,649 Elizabeth St.,Waterloo	358761	Premise Match	77m	South West
HOTELS-LICENSED (H690)	Grosvenor Hotel,cnr. Phillip & Moreshead Sts.,Waterloo	317296	Premise Match	91m	South East
MIXED BUSINESSES (M408)	Martin,A. P.,694 Elizabeth St.,Waterloo	333216	Premise Match	96m	South
MIXED BUSINESSES (M408)	Mixed Businesses,54 Morehead St.,Redfern	333361	Premise Match	100m	South East
DENTISTS (D140)	Hodge,N.,696 Elizabeth St.,Waterloo	288686	Premise Match	101m	South
DENTISTS (D140)	Polyblank,A.,696 Elizabeth St.,Waterloo	288939	Premise Match	101m	South
CHEMISTS-PHARMACEUTICAL (C286)	Sanders, GC., 661 Elizabeth St., Waterloo	281094	Premise Match	102m	South West
BOOT & SHOE REPAIRERS (B580)	Hynes, J., 698 Elizabeth St., Waterloo	268928	Premise Match	105m	South
SECOND-HAND DEALERS (S179)	Jamieson,R.,93-99 Phillip St.,Redfern	360174	Premise Match	113m	South West
BUILDERS' SUPPLIERS (B814)	Jamieson, R., 93 Phillip St-, Redfern	271435	Premise Match	113m	South West
HOTELS-LICENSED (H690)	Mount Lachlan Hotel,663 Elizabeth St.,Waterloo	317444	Premise Match	126m	South West
DRESSMAKING/SEWING SERVICES (D620)	Norman,A.,604 Elizabeth St.,Redfern	292095	Premise Match	127m	North
AUCTIONEERS-GENERAL (A620)	Binskin & Co., 133 Morehead St., Redfern	263619	Premise Match	127m	South East
VALUATORS-GENERAL (V055)	Binskin,A.W.& Co.,133 Morehead St.,Redfern	372290	Premise Match	127m	South East
MISSIONS/RELIGIOUS BODIES (M404)	Redfern (Sydney City) Mission,47 Redfern St.,Redfern	331892	Premise Match	146m	North
MEDICAL PRACTITIONERS (M216)	Guyot,R.,671 Elizabeth St.,Waterloo	327032	Premise Match	149m	South West

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1970 Business Directory Records Road or Area Matches

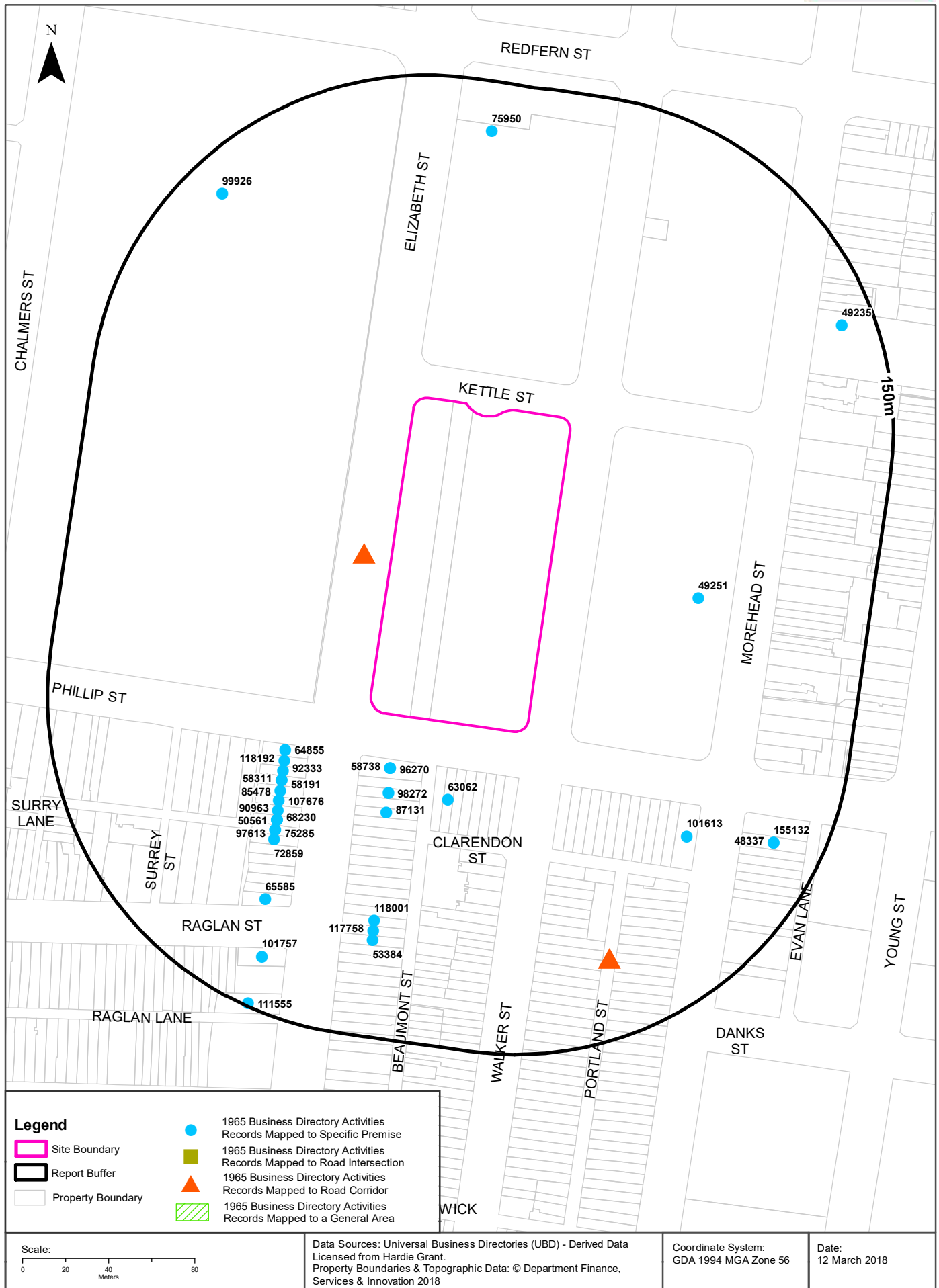
Records from the 1970 UBD Business Directory, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
SMALLGOODS MANUFACTURERS &/OR WHOLESALERS (S371)	Dandy Bacon & Smallgoods,Phillip St.,Redfern.	361955	Road Match	0m
SMALLGOODS MANUFACTURERS &/OR WHOLESALERS (S371)	Dandy Bacon & Smallgoods,Phillip St.,Redfern.	361956	Road Match	0m
FOOTWEAR MFRS.- BOOTS/SHOES (F460)	Hirst,E.E.Shoe Co.,632 Elizabeth St.,Redfern	305314	Road Match	0m
SMALLGOODS MANUFACTURERS &/OR WHOLESALERS (S371)	N.S.W. Bacon Products Pty. Ltd.,Phillip St.,Redfern,2016.	361974	Road Match	0m
CLUBS & SPORTING BODIES (C487)	South Sydney Police Citizens' Boys' Club, Elizabeth St.,Redfern	284669	Road Match	0m
BUTCHERS-RETAIL (B860)	Paynters Butchery, Moorehead St., Redfern	274313	Road Match	86m
MOTOR PANEL BEATERS (M680)	B.P. Waterloo Service Station,Moorehead St.,Waterloo	339832	Road Match	90m
MOTOR GARAGES & ENGINEERS(M6S6)	BP Waterloo Service Station,Moorehead Rd.WATERLOO	337416	Road Match	90m

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1965 Historical Business Directory Records

600-660 Elizabeth Street, Redfern, NSW 2016



Historical Business Directories

600-660 Elizabeth 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
Grocers - Retail	Byrnes Cash Store, , 664 Elizabeth St., Waterloo	96270	Premise Match	25m	South
Butchers - Retail	Lundberg, George, , 662 Elizabeth St., Waterloo	58738	Premise Match	25m	South
Carriers & Cartage Contractors	Hynes, W. J., 115 Phillip St., Waterloo	63062	Premise Match	36m	South
Hairdressers (Gent.'s)/Tobacconists	McIntosh, T. , 668 Elizabeth St., Waterloo	98272	Premise Match	37m	South
Fish Merchants - Retail	Tom's Fish Shop, 672 Elizabeth St., Waterloo	87131	Premise Match	46m	South
Chemists - Pharmaceutical	Club Pharmacy (The), 631 Elizabeth St., Waterloo	64855	Premise Match	46m	South West
Mixed Businesses	Nichas, John, 633 Elizabeth St., Waterloo	118192	Premise Match	49m	South West
Fruiterers & Greengrocers	Virgona, J. , 635 Elizabeth St., Waterloo	92333	Premise Match	52m	South West
Butchers - Retail	Donin's Butchery , 637 Elizabeth St., Waterloo	58191	Premise Match	55m	South West
Butchers - Retail	Ford, Lucy M. , 637 Elizabeth St., Waterloo	58311	Premise Match	55m	South West
Fancy Goods Retailers	Campbell, Ken (& Shoe Repair Agent), 639 Elizabeth St., Waterloo	85478	Premise Match	58m	South West
Libraries - Lending	Devine, Phil, 641 Elizabeth St., Waterloo	107676	Premise Match	62m	South West
Fruiterers & Greengrocers	Cameron, Mrs. U., 643 Elizabeth St., Waterloo	90963	Premise Match	65m	South West
Clothing Mfrs. &/or W'salers - Shirt & Pyjama	Sackar, N. G. , 645 Elizabeth St., Waterloo	68230	Premise Match	69m	South West
Clothing Mfrs. &/or W'salers - Underwear	Sackar, N. G. , 645 Elizabeth St., Waterloo	68561	Premise Match	69m	South West
Beauty Salons &/or Ladies Hairdressers	Edward & Michael Salons, , 645 Elizabeth St.	50561	Premise Match	69m	South West
BAKERS - BREAD	Original Bread Roll Bakery (The), 20-44 Morehead St., Waterloo & Branch	49251	Premise Match	70m	East
Haberdashery - Retail	Sackar, L. J. , 647 Elizabeth St., Waterloo	97613	Premise Match	73m	South West
Drapers - Retail	Sackar, L., 647 Elizabeth St., Waterloo	75285	Premise Match	73m	South West
DELICATESSENS	Waterloo Delicatessen, 649 Elizabeth St., Waterloo	72859	Premise Match	77m	South West
Hotels - Licensed	Grosvenor Hotel, Cnr. Phillip & Moreshead Sts., Waterloo	101613	Premise Match	91m	South East
Mixed Businesses	Martin, A. P., 694 Elizabeth St., Waterloo	118001	Premise Match	96m	South
Mixed Businesses	Klyn, W., 696 Elizabeth St., Waterloo	117758	Premise Match	101m	South
Chemists - Pharmaceutical	Sanders, G. C., 661 Elizabeth St., Waterloo	65585	Premise Match	102m	South West
BOOT & SHOE REPAIRERS	Hynes, J., 698 Elizabeth St., Waterloo	53384	Premise Match	105m	South
Hotels - Licensed	Mount Lachlan Hotel, 663 Elizabeth St., Waterloo	101757	Premise Match	126m	South West
Dressmaking/Sewing Services	Norman, A., 604 Elizabeth St., Redfern	75950	Premise Match	127m	North
Auctioners - General	Binskin & Co. , 133 Morehead St., Redfern	48337	Premise Match	127m	South East
Valuators - Furniture &/or General	Binskin, A. W. & Co., 133 Morehead St., Redfern	155132	Premise Match	127m	South East
Health Centres & Clinics	Redfern Baby Health Centre, Redfern Park, Redfern St.,	99926	Premise Match	132m	North West

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
BAKERS - BREAD	Lovely, C. & Sons Pty. Ltd. , 111 Morehead St., Redfern	49235	Premise Match	135m	North East
Medical Practitioners	Guyot, R., 671 Elizabeth St., Waterloo	111555	Premise Match	149m	South West

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1965 Business Directory Records Road or Area Matches

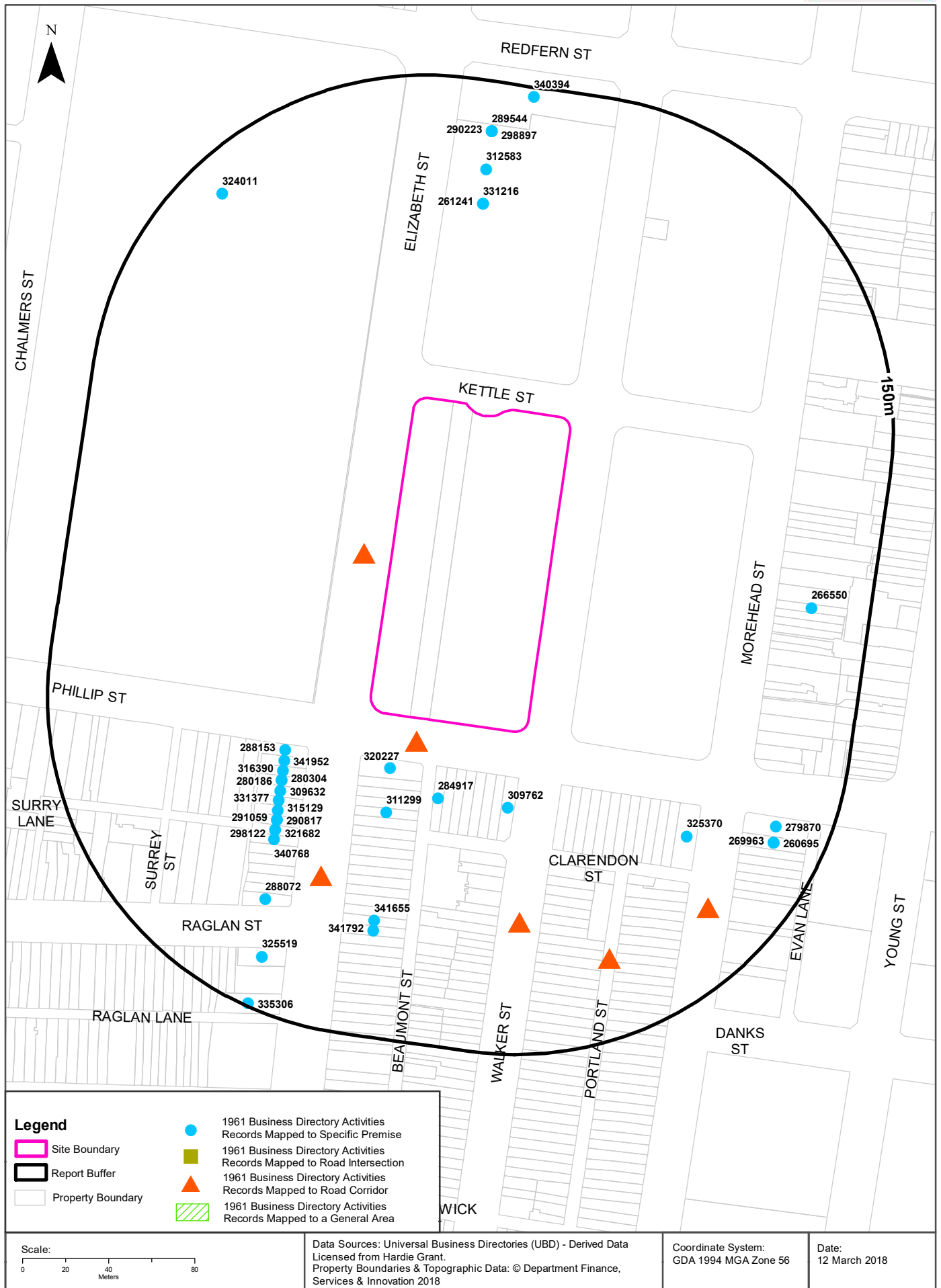
Records from the 1965 UBD Business Directory, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
Footwear Mfrs. - Boots/Shoes	Hirst, E. E. Shoe Co., 632 Elizabeth St., Redfern	88624	Road Match	0m
Plumbers, Gasfitters/Drainlayers	Childs, D. J. , Portland St.	134887	Road Match	79m

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1961 Historical Business Directory Records

600-660 Elizabeth Street, Redfern, NSW 2016



Historical Business Directories

600-660 Elizabeth 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
GROCERS-RETAIL	Byrnes Cash Store, 664 Elizabeth St., Waterloo	320227	Premise Match	25m	South
CARRIERS & CARTAGE CONTRACTORS	Hynes, W. J., 1J3 Phillip St., Waterloo	284917	Premise Match	36m	South
FARRIERS	Stead, N., 127 Phillip St., Waterloo	309762	Premise Match	36m	South
FISH MERCHANTS-RETAIL	Wyatt, T., 672 Elizabeth St., Waterloo	311299	Premise Match	46m	South
CHEMISTS-PHARMACEUTICAL	Stone, R. G. ("Club"), 631 Elizabeth St., Waterloo	288153	Premise Match	46m	South West
MIXED BUSINESS	Nichas, John, 633 Elizabeth St., Waterloo	341952	Premise Match	49m	South West
FRUITERS/GREENGROCERS	Virgona, J., 635 Elizabeth St., Waterloo	316390	Premise Match	52m	South West
BUTCHERS-RETAIL	Donin's Butchery, 637 Elizabeth St., Waterloo	280186	Premise Match	55m	South West
BUTCHERS-RETAIL	Ford, Lucy M., 637 Elizabeth St., Waterloo	280304	Premise Match	55m	South West
FANCY GOODS RETAILERS	Campbell, Ken (& Shoe Repair Agent), 639 Elizabeth St., Waterloo	309632	Premise Match	58m	South West
LIBRARIES—LENDING	Devine, Phil, 641 Elizabeth St., Waterloo	331377	Premise Match	62m	South West
FRUITERS/GREENGROCERS	Cameron, Mrs. U., 643 Elizabeth St., Waterloo	315129	Premise Match	65m	South West
CLOTHING MFRS. &/OR W'SALERS-SHIRT & PYJAMA	Sackar, N. G., 645 Elizabeth St., Waterloo	290817	Premise Match	69m	South West
CLOTHING MFRS. &/OR W'SALERS-UNDERWEAR	Sackar, N. G., 645 Elizabeth St., Waterloo	291059	Premise Match	69m	South West
HABERDASHERY-RETAIL	Sackar, L. J., 647 Elizabeth St., Waterloo	321682	Premise Match	73m	South West
DRAPERS-RETAIL	Sackar, L., 647 Elizabeth St., Waterloo	298122	Premise Match	73m	South West
MIXED BUSINESS	Donoukos, G., 649 Elizabeth St., Waterloo	340768	Premise Match	77m	South West
HOTELS—LICENSED	Grosvenor Hotel, cnr. Phillip & Moreshead Sts., Waterloo	325370	Premise Match	91m	South East
WALLBOARD MFRS.	Bryce & Duncan Pty. Ltd., 612 Elizabeth St., Redfern	261241	Premise Match	93m	North
LEATHER/GRINDERY MERCH.	Bryce & Duncan Pty. Ltd., 612 Elizabeth St., Redfern	331216	Premise Match	93m	North
MIXED BUSINESS	Martin, A. P., 694 Elizabeth St., Waterloo	341655	Premise Match	96m	South
MIXED BUSINESS	Melville, C. L., 696 Elizabeth St., Waterloo	341792	Premise Match	101m	South
CHEMISTS-PHARMACEUTICAL	Sanders, G. C., 661 Elizabeth St., Waterloo	288072	Premise Match	102m	South West
FOOD PRODUCTS MFRS.	Craig Ross Products, 610 Elizabeth St., Redfern	312583	Premise Match	109m	North
ADVERTISING DISPLAY SPEC.	Slater, W. & Co., 73 Morehead St., Waterloo	266550	Premise Match	123m	East
BUTCHERS-RETAIL	Barnley, L. W., 2 Morehead St., Waterloo	279870	Premise Match	125m	South East
HOTELS—LICENSED	Mount Lachlan Hotel, 663 Elizabeth St., Waterloo	325519	Premise Match	126m	South West
CLOTHING MFRS. &/OR W'SALERS-GENERAL	Norman, A., 604 Elizabeth St., Redfern	289544	Premise Match	127m	North

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
CLOTHING MFRS. &/OR W'SALERS-LADIES' DRESSES & GOWNS	Norman, A., 604 Elizabeth St., Redfern	290223	Premise Match	127m	North
DRESSMAKING/SEWING SERVICES	Norman, A., 604 Elizabeth St., Redfern	298897	Premise Match	127m	North
VALUATORS-FURNITURE &/OR GENERAL	Binskin, A. W. Si Co., 133 Morehead St., Redfern	260695	Premise Match	127m	South East
AUCTIONEERS-GENERAL	Blnskin & Co.. 133 Morehead St., Redfern	269963	Premise Match	127m	South East
HEALTH CENTRES & CLINICS	Redfern Baby Health Centre, Redfern Park, Redfern St.	324011	Premise Match	132m	North West
MISSIONS/RELIGIOUS BODIES	Redfern (Sydney City) Mission, 47 Redfern St., Redfern	340394	Premise Match	146m	North
MEDICAL PRACTITIONERS	Guyot, R., 671 Elizabeth St., Waterloo	335306	Premise Match	149m	South West

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1961 Business Directory Records Road or Area Matches

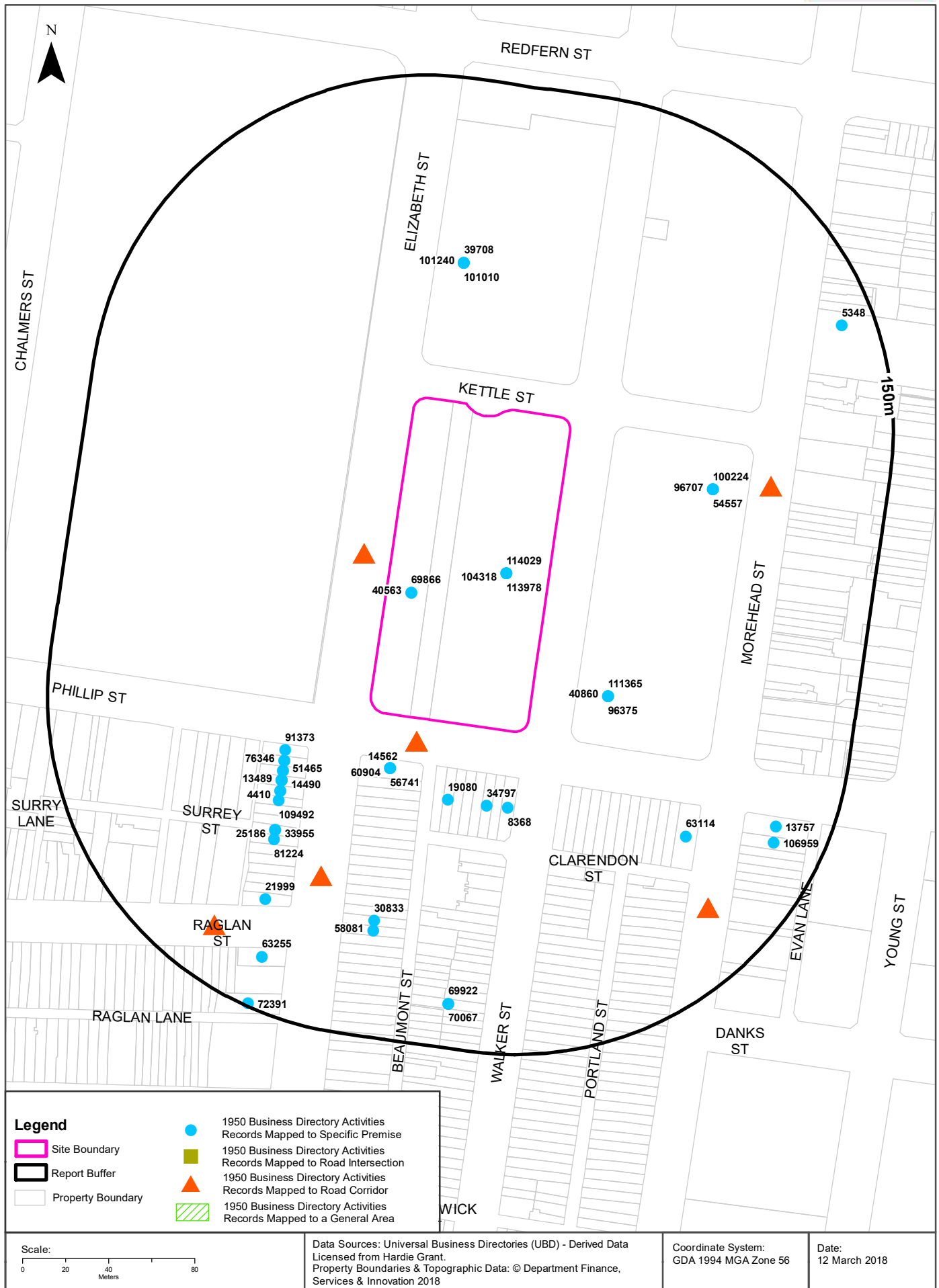
Records from the 1961 UBD Business Directory, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
SMALLGOODS MANUFACTURERS &/OR WHOLESALERS	Cambridge Delicacies Pty. Ltd., Phillip St., Redfern	250791	Road Match	0m
FOOTWEAR MFRS.-BOOTS/SHOES	Hirst, E. E. Shoe Co., 632 Elizabeth St., Redfern	312867	Road Match	0m
SCHOOLS/COLLEGES-PRIVATE/PUBLIC	St. Carmel Patrician Brosâ Boysâ School, Elizabeth St., Wtloo	248396	Road Match	21m
V-BELT DRIVE SPECIALISTS	Industrial Transmission Co., 203 Walker St.,-Redfern	260840	Road Match	22m
PLUMBERS, GASFITTERS & DRAINLAYERS	Chlds, D. J., Portland St. WATERIOO	360085	Road Match	79m
BAKERS' & PASTRYCOOKS' SUPPLIES	Lovely, C. & Sons Pty. Ltd., 111 Morehead St., Redfern	270903	Road Match	90m

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1950 Historical Business Directory Records

600-660 Elizabeth Street, Redfern, NSW 2016



Historical Business Directories

600-660 Elizabeth 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
ENGINEERS-GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Cheney, J. S. Pty. Ltd., 219 Elizabeth St., Redfern	40563	Premise Match	0m	Onsite
MACHINE TOOL MANUFACTURERS &/OR IMPORTERS &/OR DISTRIBUTORS	Cheney, J. S. Pty. Ltd., 219 Elizabeth St., Redfern	69866	Premise Match	0m	Onsite
SPORTS GOODS MANUFACTURERS	Munro, James Pty. Ltd., 172 Walker St., Redfern	104318	Premise Match	0m	Onsite
WOODWARE MANUFACTURERS	Munro, James Pty. Ltd., 172-194 Walker St., Redfern	114029	Premise Match	0m	Onsite
WOOD BENDERS	Munro, James Pty. Ltd., 172-194 Walker St., Redfern	113978	Premise Match	0m	Onsite
GROCERS-RETAIL	Byrnes Cash Store, 4 Elizabeth St., Waterloo	56741	Premise Match	25m	South
HARDWARE DEALERS &/OR IRONMONGERS	Byrnes Cash Store, 4 Elizabeth St., Waterloo	60904	Premise Match	25m	South
BUTCHERS-RETAIL	Wordsworth, W., 2 Elizabeth St., Waterloo	14562	Premise Match	25m	South
PULLEY MANUFACTURERS	Industrial Transmission Co., .203 Walker St., Redfern	96375	Premise Match	35m	South East
V BELT DRIVE SPECIALISTS	Industrial Transmission Co., 203 Walker St., Redfern	111365	Premise Match	35m	South East
ENGINEERS-GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Industrial Transmission Co., 203 Walker St., Redfern	40860	Premise Match	35m	South East
CARRIERS & CARTAGE CONTRACTORS	Hynes, W. J., 115 Phillip St., Waterloo	19080	Premise Match	36m	South
BLACKSMITHS	Stead, N., 127 Phillip St., Waterloo	8368	Premise Match	36m	South
DRESSMAKERS & COSTUMIERS	Thearle, L., 123 Phillip St., Waterloo	34797	Premise Match	36m	South
PAWNBROKERS & MONEYLENDERS	Aaron, E., 1 Elizabeth St., Waterloo	91373	Premise Match	46m	South West
MILK BARS & CONFECTIONERS	Beljon, I., 3 Elizabeth St., Waterloo	76346	Premise Match	49m	South West
CAKE SHOPS & PASTRYCOOKS	BelJon, L., 3 Elizabeth St., Waterloo	16410	Premise Match	49m	South West
FRUITERERS & GREENGROCERS	Lamaro, G., 5 Elizabeth St., Waterloo	50470	Premise Match	52m	South West
FRUITERERS & GREENGROCERS	Virgona, J., 5 Elizabeth St., Waterloo	51465	Premise Match	52m	South West
BUTCHERS-RETAIL	Ford, L. M. and Son, 7 Elizabeth St., Waterloo	13489	Premise Match	55m	South West
BUTCHERS-RETAIL	Steele, G. R., 7 Elizabeth St., Waterloo	14355	Premise Match	55m	South West
BUTCHERS-RETAIL	Waterworth, J. O., 7 Elizabeth St., Waterloo	14490	Premise Match	55m	South West
JUSTICES OF THE PEACE	Waterworth, J. O., 7 Elizabeth St., Waterloo	66754	Premise Match	55m	South West
BABY & CHILDREN'S WEAR- RETAIL	Baby Shop (The), 9 Elizabeth St., Waterloo	4410	Premise Match	58m	South West
DRESSMAKERS & COSTUMIERS	Carter, N. M., 9 Elizabeth St., Waterloo	34394	Premise Match	58m	South West
TOY DEALERS-RETAIL	Leard, C. H., 11 Elizabeth St., Waterloo	109492	Premise Match	62m	South West
SCRAP METAL MERCHANTS	McDermott, E., Rear 155 Elizabeth St., Redfern	101010	Premise Match	64m	North
SECONDHAND DEALERS	McDermott, E., Rear 155 Elizabeth St., Redfern	101240	Premise Match	64m	North

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
ENGINEERS SUPPLIES	McDermott, E., Rear 155 Elizabeth St., Redfern	39708	Premise Match	64m	North
SAND BLASTERS	Sydney Sandblasting Company, 132-134 Moorehead St., Redfern	100224	Premise Match	70m	East
RADIO DIAL MANUFACTURERS	Sydney Sand Blasting Co., 132-134 Moorehead, St., Redfern	96707	Premise Match	70m	East
GLASS BEVELLERS &/OR CUTTERS	Sydney Sand Blasting Co., 132-134 Morehead St., Redfern	54557	Premise Match	70m	East
CLOTHING MFRS. &/OR WHOLESALERS UNDERWEAR	Sackar, N. G., 17 Elizabeth St., Waterloo	24376	Premise Match	73m	South West
CLOTHING MFRS. &/OR WHOLESALERS-SHIRT & PYJAMAS	Sackar, N. G., 17 Elizabeth St., Waterloo	25186	Premise Match	73m	South West
DRAPERS-RETAIL	Sackar, L. E., 17 Elizabeth St., Waterloo	33955	Premise Match	73m	South West
MIXED BUSINESSES & GENERAL STORES	Webb, J., 19 Elizabeth St., Waterloo	81224	Premise Match	77m	South West
HOTELS-LICENSED	Grosvenor Hotel, Cnr. Moreland and Phillip Sts., Waterloo	63114	Premise Match	90m	South East
DELICATESSENS & SMALLGOODS DEALERS	Martin, A. P., 34 Elizabeth St., Waterloo	30833	Premise Match	96m	South
GROCERS-RETAIL	Lee, W., 36 Elizabeth St., Waterloo	58081	Premise Match	101m	South
CHEMISTS-PHARMACEUTICAL	Sanders, G. C., 31 Elizabeth St., Waterloo	21999	Premise Match	102m	South West
BUTCHERS-RETAIL	Jackson, A., 2 Morehead St., Waterloo	13757	Premise Match	125m	South East
HOTELS-LICENSED	Mount Lachlan Hotel, Elizabeth St., Waterloo	63255	Premise Match	126m	South West
TANNERS	Alason, R. J., 133 Morehead St., Redfern	106959	Premise Match	127m	South East
MACHINERY DEALERS-SECONDHAND	Hare and Forbes, 116 Walker St., Redfern	69922	Premise Match	130m	South
MACHINERY MERCHANTS &/OR IMPORTERS	Hare and Forbes, 116 Walker St., Redfern	70067	Premise Match	130m	South
BAKERS-BREAD	Lovely, C. and Sons, 111 Morehead St., Redfern	5348	Premise Match	135m	North East
MEDICAL PRACTITIONERS	Barr, K. A., 41 Elizabeth St., Waterloo	72391	Premise Match	149m	South West

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1950 Business Directory Records Road or Area Matches

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Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
MIXED BUSINESSES & GENERAL STORES	Connors, H., Phillip St., Redfern	79651	Road Match	0m
CHEMICAL MANUFACTURERS	Corbett, W. H., Phillips St., Redfern	21022	Road Match	0m
FURNITURE MANUFACTURERS & WHOLESALERS-GENERAL	Maguire, C. R. and Co., Phillip St., Waterloo	52816	Road Match	0m
MOTOR GARAGES &/OR ENGINEERS	Scholtz, E. N., 231 Elizabeth St., Redfern	84347	Road Match	0m
ELECTRICAL CONTRACTORS &/OR ELECTRICIANS	Burgess, H., 278 Elizabeth St., Zetland	37417	Road Match	21m
BANKS	Commonwealth Bank of Australia and Commonwealth Savings Bank of Australia, Elizabeth St., Waterloo	5934	Road Match	21m
DELICATESSENS & SMALLGOODS DEALERS	Oldrey and Phillips, 244 Elizabeth St., Zetland	30968	Road Match	21m
MILK BARS & CONFECTIONERS	Oldrey and Phillips, 244 Elizabeth St., Zetland	77128	Road Match	21m
FISH MERCHANTS-RETAIL	Zetland Fish Shop, Elizabeth St., Waterloo	44646	Road Match	21m
FUR DRESSERS & DYERS	Alanson, R. J., Moorhead St., Redfern	52096	Road Match	86m

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
FOOTWEAR MANUFACTURERS-BOOTS & SHOES	Eclat Shoe Company (The), Morehead St., Waterloo	46767	Road Match	90m
METAL POLISHERS	Williams and Walkinshaw, 138 Morehead St., Redfern	75904	Road Match	90m
MIXED BUSINESSES & GENERAL STORES	Glassby, E., Raglan St., Waterloo	80010	Road Match	100m
GROCERS-RETAIL	Hall, E., Raglan St., Waterloo	57649	Road Match	100m
HOMES & INSTITUTIONS	Mt. Lachlan Aged Women's Home, Raglan St., Waterloo	62443	Road Match	100m
BUTCHERS-RETAIL	O'Sullivan Bros., Raglan St., Waterloo	14053	Road Match	100m
MUSIC TEACHERS	Webber, W. H., Raglan St., Waterloo	87568	Road Match	100m

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Historical Business Directories

600-660 Elizabeth 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
DRY CLEANERS, PRESSERS&/OR DYERS.	Athens Dry Cleaners, 639 Elizabeth St., Waterloo	23926	1975	Premise Match	58m	South West
MOTOR GARAGES & ENGINEERS(M6S6)	Rizzo,A.,621 Elizabeth St.REDFERN	338517	1970	Premise Match	250m	North
Motor Garages & Engineers - Redfern	Rizzo, A., 621 Elizabeth St.	123284	1965	Premise Match	250m	North
MOTOR GARAGES & ENGINEERS	Rizzo, A., 621 Elizabeth St. REDFERN	348031	1961	Premise Match	250m	North
Motor Garages & Engineers - Waterloo	Waterloo Car Centre, 762 Elizabeth St. & Wellington St.	123505	1965	Road Intersection	267m	South
Motor Service Stations - Petrol, Oil, Etc. - Waterloo	Waterloo Car Centre, Cnr. Wellington & Elizabeth Sts.	126224	1965	Road Intersection	268m	South
MOTOR SERVICE STATIONS - PETROL, OIL	Ampol Castlereagh Service Station, 292 Chalmers St., Redfern,	61378	1975	Premise Match	291m	North West
MOTOR GARAGES &/OR ENGINEERS.	Ampol Castlereagh Servlet Station, 292 Chalmers St., Redfern.	58351	1975	Premise Match	291m	North West
Battery Service Stations	Castlereagh Service Station, , 292-296 Chalmers St., Redfern	50168	1965	Premise Match	291m	North West
Motor Service Stations - Petrol, Oil, Etc. - Redfern	Castlereagh Service Station, 292-296 Chalmers St.	126082	1965	Premise Match	291m	North West
BATTERY SERVICE STATIONS	Castlereagh Service Station, 292-296 Chalmers St., Redfern	272002	1961	Premise Match	291m	North West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Ampol Castlereagh Service Station, 292 Chalmers St., Redfern.	49277	1978	Premise Match	292m	North West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Ampol Castlereagh Service Station, 292 Chalmers St., Redfern.	49278	1978	Premise Match	292m	North West
Motor Garages & Engineers - Redfern	Ampol Castlereagh Service Station, 292 Chalmers St.	123276	1965	Premise Match	292m	North West
MOTOR GARAGES & ENGINEERS	Castlereagh Service Station, 292-296 Chalmers St. REDFERN	346839	1961	Premise Match	292m	North West
MOTOR GARAGES & ENGINEERS(M6S6)	Ampol Castlereagh Service Station,292 Chalmers St.REDFERN	337198	1970	Premise Match	293m	North West
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Ampol Castlereagh Service Station,292 Chalmers St.REDFERN	340762	1970	Premise Match	293m	North West
DRY CLEANERS, PRESSERS & DYERS	Jones, Dry Cleaners Pty. Ltd. 90 Redfern St., Redfern	35343	1950	Premise Match	295m	North West
DRY CLEANERS, PRESSERS &/OR DYERS	Quick Pressing Service, 617 Elizabeth St., Redfern.	20926	1978	Premise Match	302m	North
DRY CLEANERS, PRESSERS&/OR DYERS.	Quick Pressing Service, 617 Elizabeth St., Redfern.	24297	1975	Premise Match	302m	North
DRY CLEANERS,PRESSERS/DYERS (D710)	Dante's Dry Cleaning Service 94 Redfern St.,Redfern	292264	1970	Premise Match	302m	North West
Dry Cleaners, Pressers/Dyers	Dante's Dry Cleaning Service, 94 Redfern St., Redfern	76132	1965	Premise Match	302m	North West
DRY CLEANERS, PRESSERS / DYERS	Dante's Dry Cleaning Service, 94 Redfern St., Redfern	299090	1961	Premise Match	302m	North West
MOTOR GARAGES & SERVICE STATIONS.	Waterloo Car Centre, Caltex, 762 Elizabeth St., Waterloo.	65685	1986	Premise Match	316m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Waterloo Car Centre (Caltex). 762 Elizabeth St. Waterloo. 2017.	57818	1982	Premise Match	316m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Waterloo Car Centre. 762 Elizabeth St., Waterloo.	51059	1978	Premise Match	316m	South
MOTOR GARAGES &/OR ENGINEERS.	Waterloo Car Centre, 762 Elizabeth St. Waterloo.	59745	1975	Premise Match	316m	South

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
MOTOR GARAGES & ENGINEERS(M6S6)	Caltex Service Station,762 Elizabeth St.WATERLOO	337506	1970	Premise Match	316m	South
MOTOR GARAGES & ENGINEERS(M6S6)	Waterloo Car Centre,762 Elizabeth St. & Wellington St.WATERLOO	338843	1970	Premise Match	316m	South
MOTOR GARAGES & ENGINEERS	Peters Bros. Wade & Allison Pty. Ltd., 177 Phillip St. City of sydney	347903	1961	Premise Match	327m	South East
DRY CLEANERS,PRESSERS/DYERS (D710)	McDermotts,134 Pitt St.,Redfern	292402	1970	Premise Match	376m	West
MOTOR GARAGES & SERVICE STATIONS.	Osca Automotive Pty. Ltd., 58 Baptist St., Redfern.	65211	1986	Premise Match	400m	North East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Crown Automotive, 58 Baptist St., Redfern. 2016.	56587	1982	Premise Match	400m	North East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Crown Automotive, 58 Baptist St., Redfern.	49864	1978	Premise Match	400m	North East
MOTOR SERVICE STATIONS-PETROL, Etc.	Stephens Service Station, 58 Baptist St., Redfern	86429	1950	Premise Match	400m	North East
DRY CLEANERS, PRESSERS&/OR DYERS.	Dry Cleaners, 69 Baptist St., Redfern.	23999	1975	Premise Match	406m	East
DRY CLEANERS,PRESSERS/DYERS (D710)	Dry Cleaners,69 Baptist St.,Redfern	292272	1970	Premise Match	406m	East
DRY CLEANERS,PRESSERS/DYERS (D710)	Sunshine Home Laundry & Dry Cleaners,88 Pitt St.,Redfern	292533	1970	Premise Match	407m	North West
Dry Cleaners, Pressers/Dyers	Sunshine Home Laundry & Dry Cleaners, 88 Pitt St., Redfern	76353	1965	Premise Match	407m	North West
DRY CLEANERS, PRESSERS / DYERS	Sunshine Home Laundry & Dry Cleaners, 88 Pitt St., Redfern	299284	1961	Premise Match	407m	North West
DRY CLEANERS, PRESSERS & DYERS	Sunshine Hand Laundry and Dry Cleaner, 88 Pitt St., Redfern	35719	1950	Premise Match	407m	North West
DRY CLEANERS & PRESSERS. (D8500)	Lawrence Drycleaners Pty. Ltd. (Head Office), 887 Bourke St., Waterloo. 2017.	23938	1982	Premise Match	422m	South East
Motor Garages & Engineers - Redfern	South Sydney Auto Port, 589 Elizabeth St.	123287	1965	Premise Match	427m	North
MOTOR GARAGES & ENGINEERS	South Sydney Auto Port, 589 Elizabeth St. REDFERN	348170	1961	Premise Match	427m	North
MOTOR GARAGES & ENGINEERS(M6S6)	Smith,C. Motors,53 Pitt St.REDFERN	338611	1970	Premise Match	429m	North West
Motor Garages & Engineers - Redfern	Smith, Chris, 53 Pitt St.	123286	1965	Premise Match	429m	North West
MOTOR GARAGES & ENGINEERS	Osborn, E. J. Motors, 53 Pitt St. REDFERN	347830	1961	Premise Match	429m	North West
MOTOR GARAGES & ENGINEERS(M6S6)	South Sydney Auto Port,589 Elizabeth St.REDFERN	338636	1970	Premise Match	433m	North
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	South Sydney Auto Port,589 Elizabeth St.REDFERN	341481	1970	Premise Match	433m	North
Motor Service Stations - Petrol, Oil, Etc. - Redfern	South Sydney Auto Port, 587 Elizabeth St.	126090	1965	Premise Match	443m	North
MOTOR GARAGES & ENGINEERS(M6S6)	Renault (Aust.) Pty. Ltd.,153 George St.REDFERN	338500	1970	Premise Match	446m	West
Motor Garages & Engineers - Redfern	Renault (Australia) Pty. Ltd., 153 George St.	123283	1965	Premise Match	446m	West
Motor Garages & Service Stations	Automotive Quick Service, 230 Young St, Waterloo 2017	53527	1991	Premise Match	452m	South
MOTOR GARAGES & SERVICE STATIONS.	Automotive Quick Service, 230 Young St., Waterloo.	63991	1986	Premise Match	452m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Automotive Quick Service, 230 Young St., Waterloo. 2017.	56061	1982	Premise Match	452m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Automotive Quick Service, 230 Young St., Waterloo.	49328	1978	Premise Match	452m	South
MOTOR GARAGES & SERVICE STATIONS.	Esso A. Gouskos & Sons Service Station, 859 Bourke St., Waterloo.	64605	1986	Premise Match	468m	East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Esso Waterloo Service Station, 859 Bourke St., Waterloo. 2017.	56740	1982	Premise Match	468m	East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Esso Servicenter. 859Bourke St., Waterloo.	50024	1978	Premise Match	468m	East
MOTOR GARAGES &/OR ENGINEERS.	Esso Servicenter 859 Bourke St. Waterloo	58854	1975	Premise Match	468m	East

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Esso Servicenter,859 Bourke St.WATERLOO	341086	1970	Premise Match	468m	East
MOTOR GARAGES & ENGINEERS	B.E.S.T. Motors, 2 Young St. REDFERN	346575	1961	Premise Match	472m	North East
MOTOR GARAGES &/OR ENGINEERS	B.E.S.T. Motors, 153-155 Cleveland St., Redfern	83406	1950	Premise Match	478m	North East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Coutinho (Esso S.C.), 363 Cleveland St, Rediem.	49855	1978	Premise Match	481m	North East
DRY CLEANERS, PRESSERS & DYERS	Mel-Wyn Dry Cleaners, 145 Cleveland St., Redfern	35523	1950	Premise Match	481m	North East
DRY CLEANERS & PRESSERS. (D8500)	Colpan Bros., 347 Cleveland St., Redfern. 2016.	23796	1982	Premise Match	483m	North East
MOTOR GARAGES & SERVICE STATIONS.	Waterloo Service Station Cnr. Morehead & Mcevoy Streets, Waterloo.	63838	1986	Road Intersection	483m	South
MOTOR GARAGES & ENGINEERS(M6S6)	Waterloo Service Station, Cnr. McEvoy & Moorehead Sts.WATERLOO	338844	1970	Road Intersection	483m	South
Motor Garages & Engineers - Waterloo	Automotive Quick Service, Moorehead & McEvoy Sts.	123499	1965	Road Intersection	483m	South
Motor Garages & Engineers - Waterloo	Waterloo Service Station, Cnr. McEvoy & Moorehead Sts.	123506	1965	Road Intersection	483m	South
Motor Service Stations - Petrol, Oil, Etc. - Waterloo	Waterloo Service Station, Cnr. McEvoy & Morehead Sts.	126225	1965	Road Intersection	483m	South
DRY CLEANERS,PRESSERS/DYERS (D710)	Shehadie Bros.,307 Cleveland St.,Redfern	292501	1970	Premise Match	487m	North
Dry Cleaners, Pressers/Dyers	Shehadle Bros., 307 Cleveland St., Redfern	76330	1965	Premise Match	487m	North
DRY CLEANERS, PRESSERS / DYERS	Shehadle Bros., 307 Cleveland St., Redfern	299262	1961	Premise Match	487m	North
MOTOR SERVICE STATIONS - PETROL, OIL	Coutinho (Esso S/C), 383 Cleveland St, Redfern.	61655	1975	Premise Match	492m	North East
Motor Service Stations - Petrol, Oil, Etc. - Redfern	Barrymore Service Station, 485-489 Cleveland St.	126081	1965	Premise Match	492m	North East
Motor Garages & Service Stations	Esso Cleveland Street Service Station, 375 Cleveland St, Surry Hills 2010	53718	1991	Premise Match	496m	North East
MOTOR GARAGES & ENGINEERS(M6S6)	Esso Service Station,375 Cleveland St.REDFERN	337752	1970	Premise Match	496m	North East
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Esso Servicenter,375 Cleveland St.REDFERN	341072	1970	Premise Match	496m	North East
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Esso Servicenter,375 Cleveland St. STRAWBERRY HILLS	341073	1970	Premise Match	496m	North East
MOTOR GARAGES & SERVICE STATIONS.	Esso Cleveland Street, 383 Cleveland St., Surry Hills.	64619	1986	Premise Match	500m	North East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Esso Cleveland Street, 383 Cleveland St., Surry Hills. 2010.	56686	1982	Premise Match	500m	North East

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Historical Business Directories

600-660 Elizabeth Street, Redfern, NSW 2016

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

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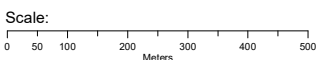
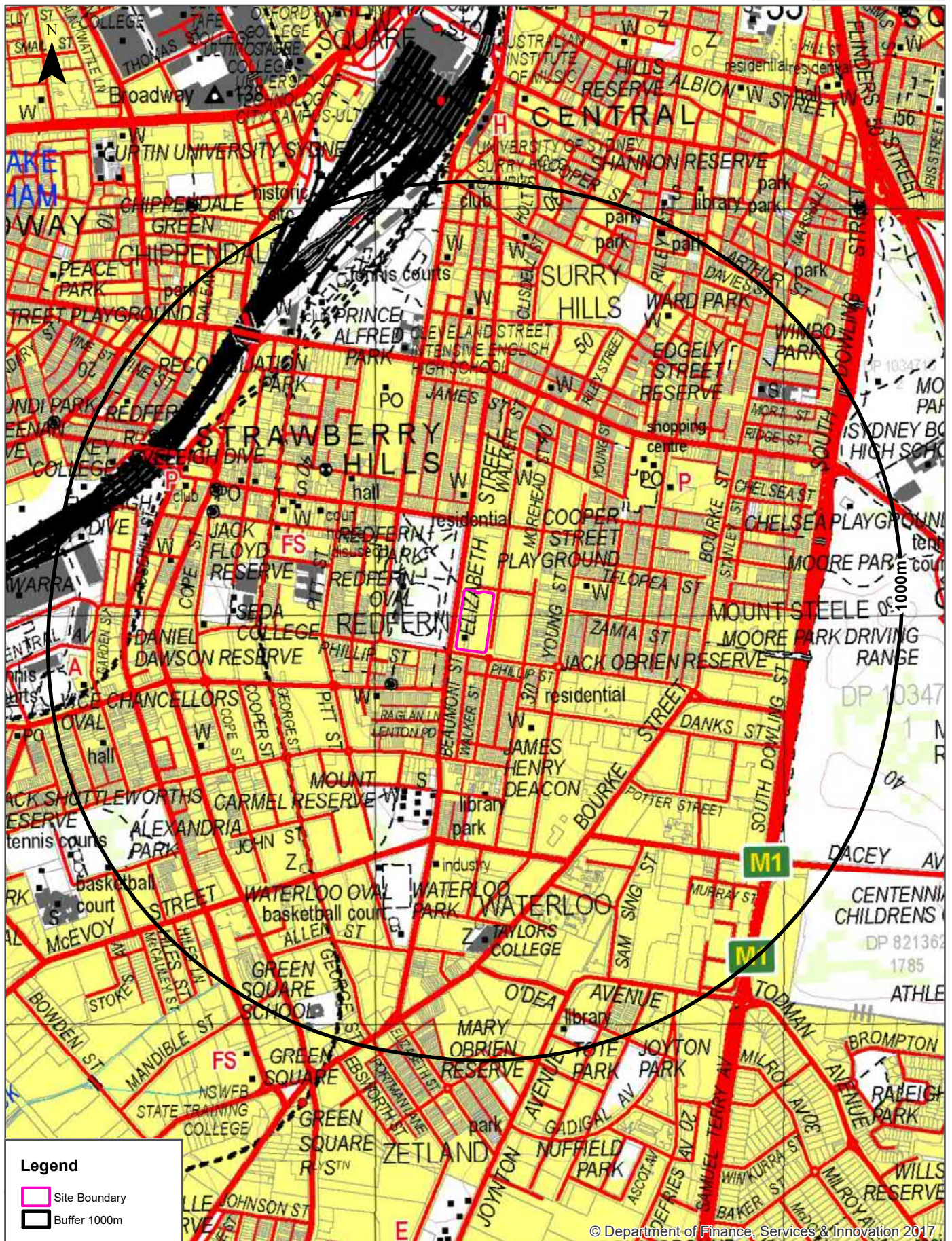
Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
MOTOR GARAGES &/OR ENGINEERS	Scholtz, E. N., 231 Elizabeth St., Redfern	84347	1950	Road Match	0m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	BP Waterloo Service Station, Moorehead St., Waterloo.	49643	1978	Road Match	90m
MOTOR GARAGES & ENGINEERS(M6S6)	BP Waterloo Service Station,Moorehead Rd.WATERLOO	337416	1970	Road Match	90m
MOTOR SERVICE STATIONS - PETROL, OIL	BP Waterloo Service Station. Moorehead St., Waterloo.	61580	1975	Road Match	90m
DRY CLEANERS, PRESSERS & DYERS	Immaculate Dry Cleaners, Redfern St. Redfern	35300	1950	Road Match	154m
DRY CLEANERS, PRESSERS & DYERS	Tasman Dry Cleaners. Renwick St., Redfern	35775	1950	Road Match	154m
DRY CLEANERS, PRESSERS & DYERS	Tasman Dry Cleaners. Castlereagh St., Redfern	35748	1950	Road Match	177m
MOTOR GARAGES & ENGINEERS	Albania Motor Repair Co., 17 Pitt St. REDFERN	346483	1961	Road Match	319m
MOTOR GARAGES &/OR ENGINEERS	Albania Motor Repair Coy., 17 Pitt St., Redfern	83362	1950	Road Match	319m
MOTOR SERVICE STATIONS-PETROL,OIL, etc. (M716)	Golden Fleece Service Station,Bourke St.WATERLOO	341167	1970	Road Match	456m
MOTOR GARAGES & ENGINEERS(M6S6)	McEvoy Street Auto Port,McEvoy St.WATERLOO	338231	1970	Road Match	459m
Motor Garages & Service Stations	Waterloo Service Station McEvoy St., Waterloo	53985	1991	Road Match	459m
MOTOR GARAGES & SERVICE STATIONS.	Waterloo Service Station, McEvoy St., Waterloo.	65686	1986	Road Match	459m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Harris Spares, 70 George St., Redfern,	50230	1978	Road Match	481m
DRY CLEANERS,PRESSERS/DYERS (D710)	Jones,David Ltd.,George St.	292356	1970	Road Match	481m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Mr. Tune-Up. 56 George St., Redfern. 2016.	57262	1982	Road Match	481m
Motor Service Stations - Petrol, Oil, Etc. - Redfern	R.S.L. Esso Service Station, 56 George St.	126088	1965	Road Match	481m
MOTOR SERVICE STATIONS-PETROL,OIL, etc. (M716)	R.S.L. Esso Service Station,56 George St.REDFERN	341414	1970	Road Match	481m
Motor Garages & Engineers - Redfern	R.S.L. Service Station, 70 George St.	123281	1965	Road Match	481m
MOTOR GARAGES & ENGINEERS(M6S6)	R.S.L. Service Station,70 George St.REDFERN	338467	1970	Road Match	481m
MOTOR GARAGES & SERVICE STATIONS.	Redfern Service Centre, George St., Redfern.	65328	1986	Road Match	481m
MOTOR SERVICE STATIONS - PETROL, OIL	Regem Service Centre, George St., Redfern.	61913	1975	Road Match	481m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Regem Service Centre, George St., Redfern.	50727	1978	Road Match	481m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Regem Service Centre, George St., Redfern. 2016.	57450	1982	Road Match	481m
MOTOR SERVICE STATIONS-PETROL,OIL, etc. (M716)	Smith,C. Service Station,George St REDFERN	341469	1970	Road Match	481m

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Steves Motor Repairs, 70 George St, Redfern. 2016.	57625	1982	Road Match	481m
MOTOR GARAGES & SERVICE STATIONS.	Tela Pty. Ltd., 70 George St., Redfern.	65564	1986	Road Match	481m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Harris Spares, Cleveland St Redfern. 2016.	56943	1982	Road Match	486m
MOTOR GARAGES & SERVICE STATIONS.	Harris Spares, Cleveland St., Redfern.	64849	1986	Road Match	486m

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

Topographic Map 2015

600-660 Elizabeth Street, Redfern, NSW 2016



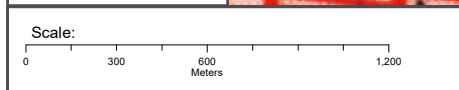
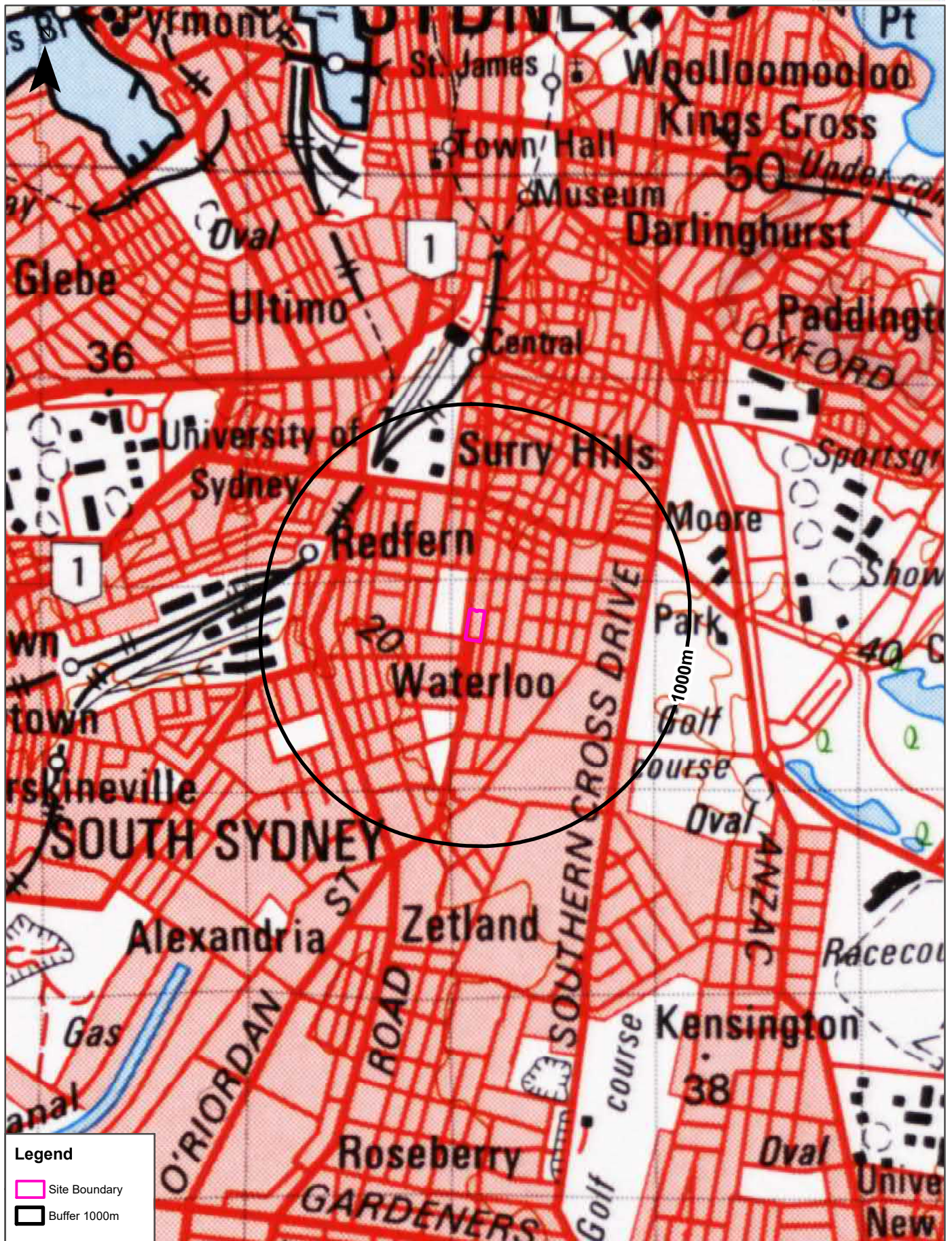
Data Sources: Topographic Map Data
© NSW Land and Property Information

Coordinate System:
GDA 1994 MGA Zone 56

Date: 12 March 2018

Historical Map 1975

600-660 Elizabeth Street, Redfern, NSW 2016



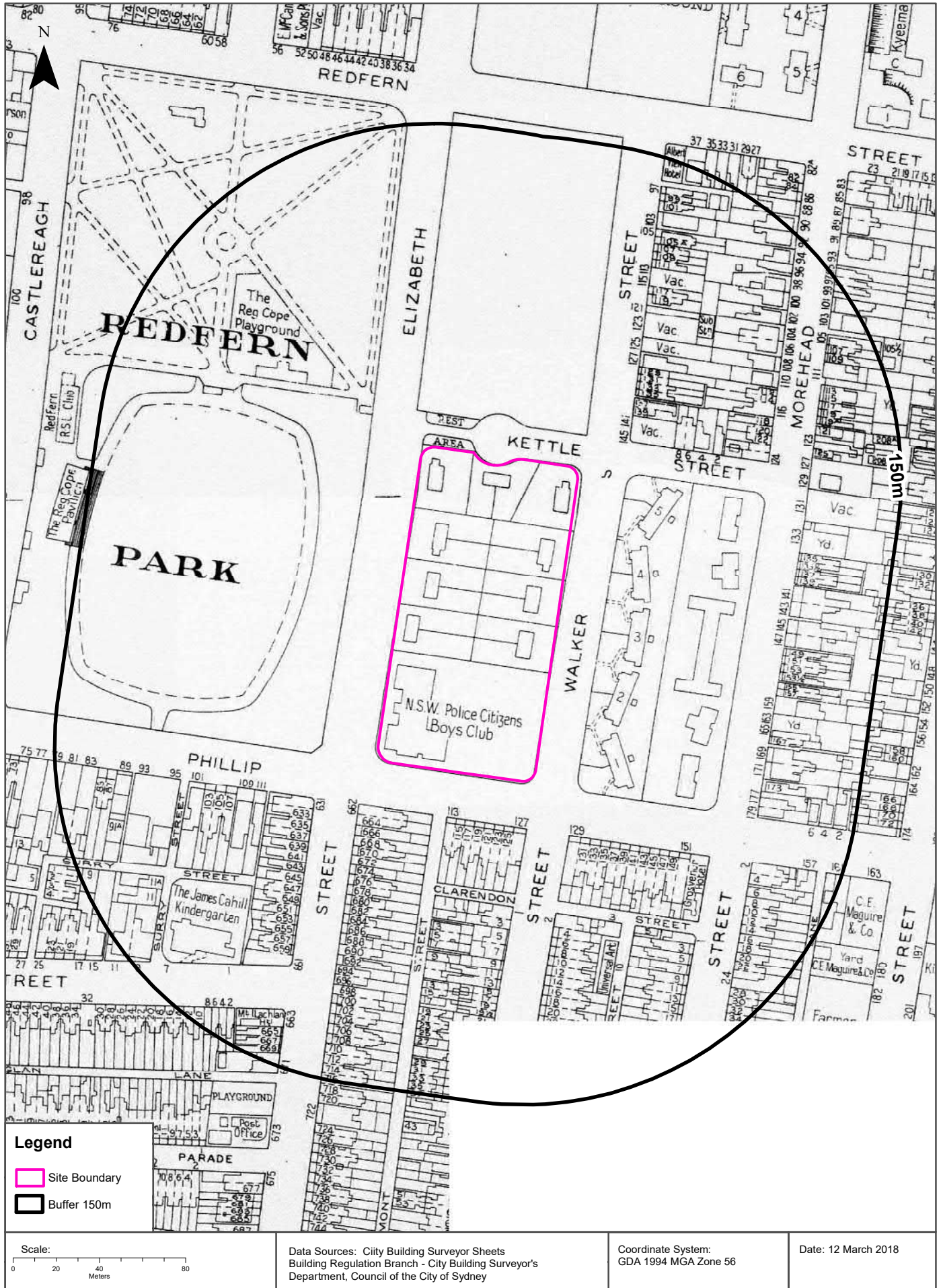
Data Sources: Sheet 9130, Edition, Sydney, NSW, National Topographic Map Series Commonwealth of Australia

Coordinate System: GDA 1994 MGA Zone 56

Date: 08 March 2018

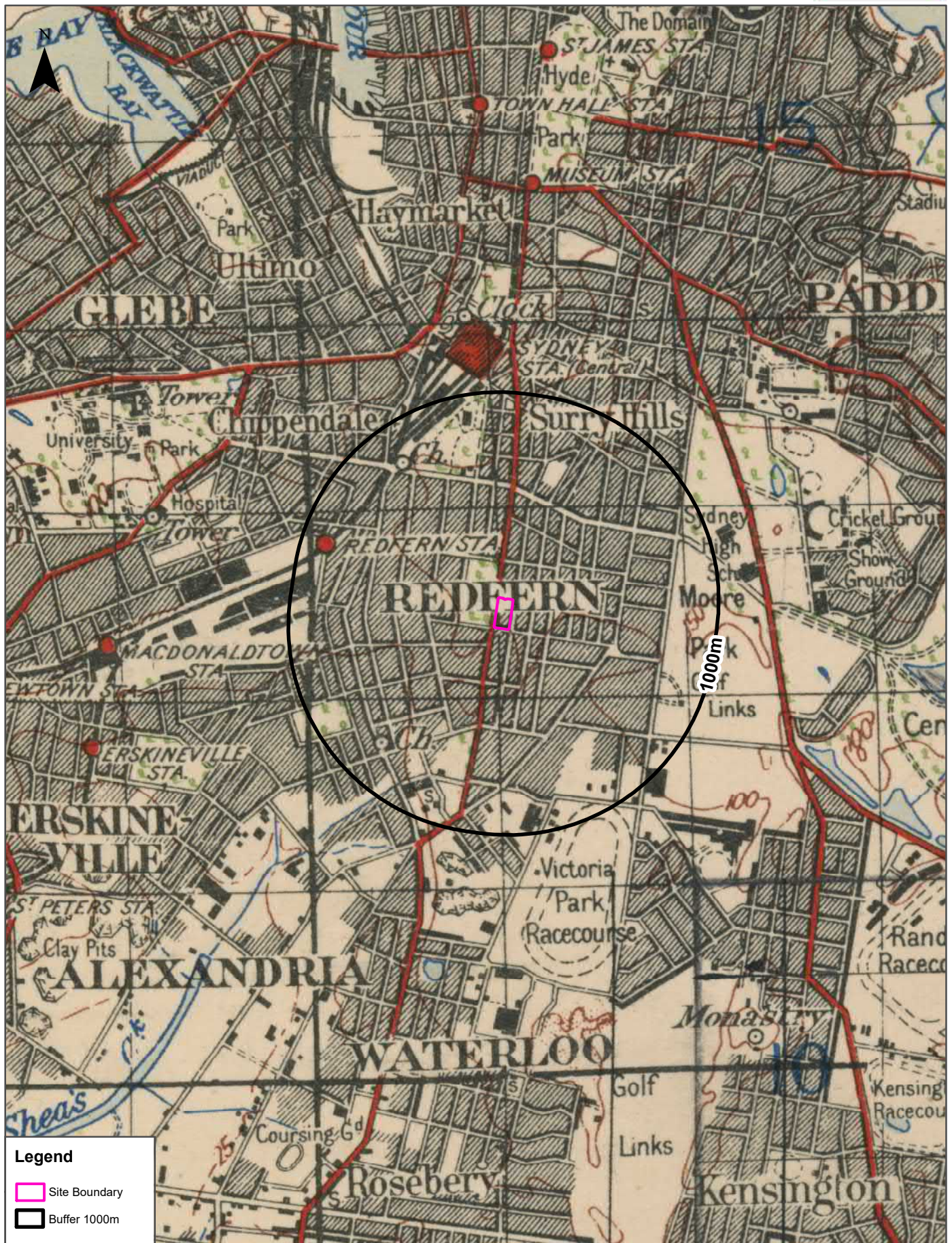
Historical Map 1956

600-660 Elizabeth Street, Redfern, NSW 2016



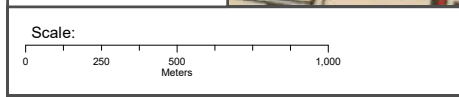
Historical Map 1949

600-660 Elizabeth Street, Redfern, NSW 2016



Legend

- Site Boundary
- Buffer 1000m



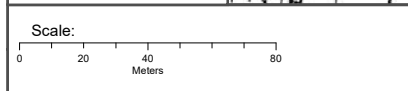
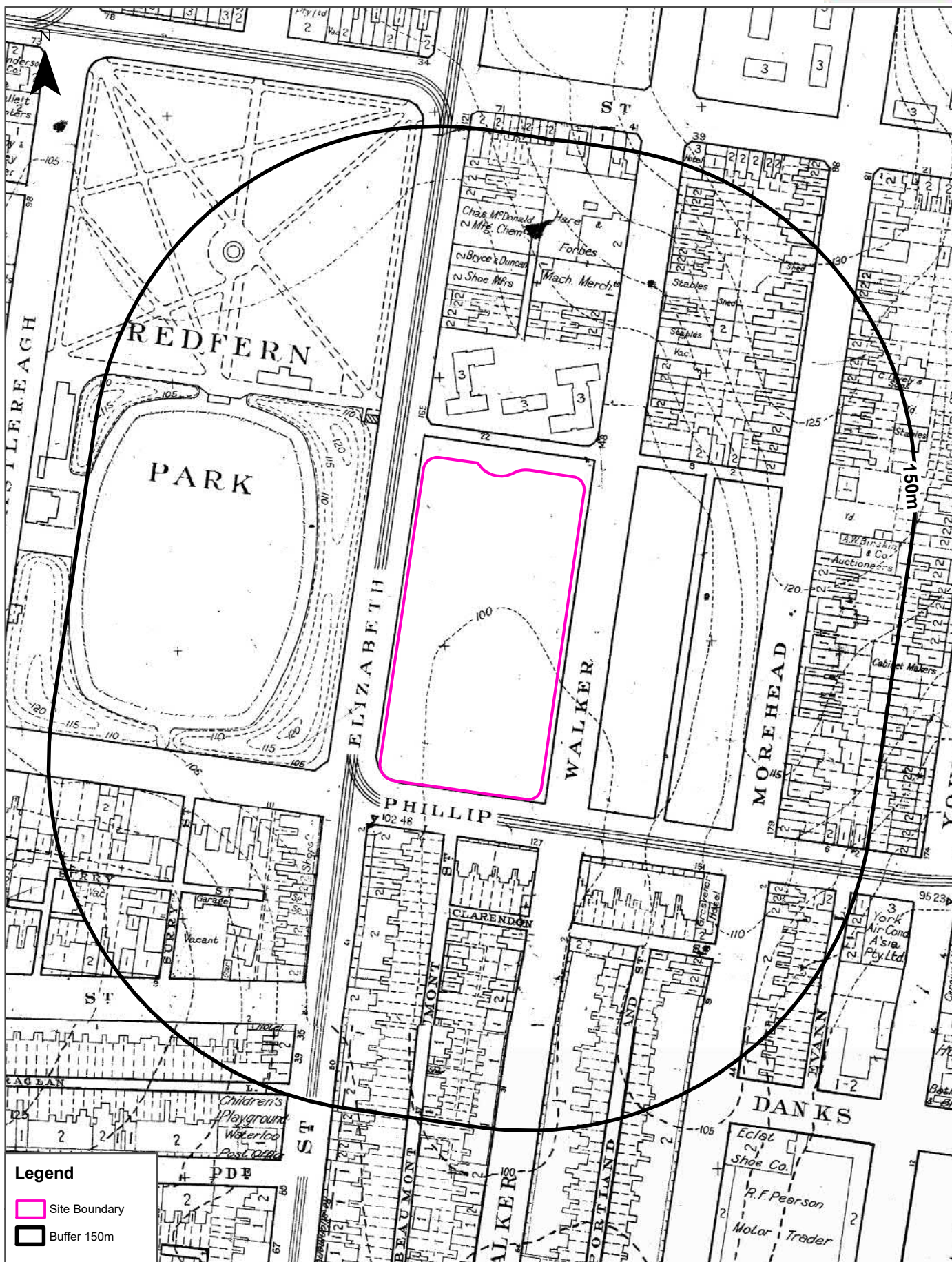
Data Sources: Australia 1:63360, Sheet 423, Sydney, New South Wales.
Prepared by Commonwealth Section Imperial General Staff

Coordinate System:
GDA 1994 MGA Zone 56

Date: 08 March 2018

Historical Map 1938-50

600-660 Elizabeth Street, Redfern, NSW 2016



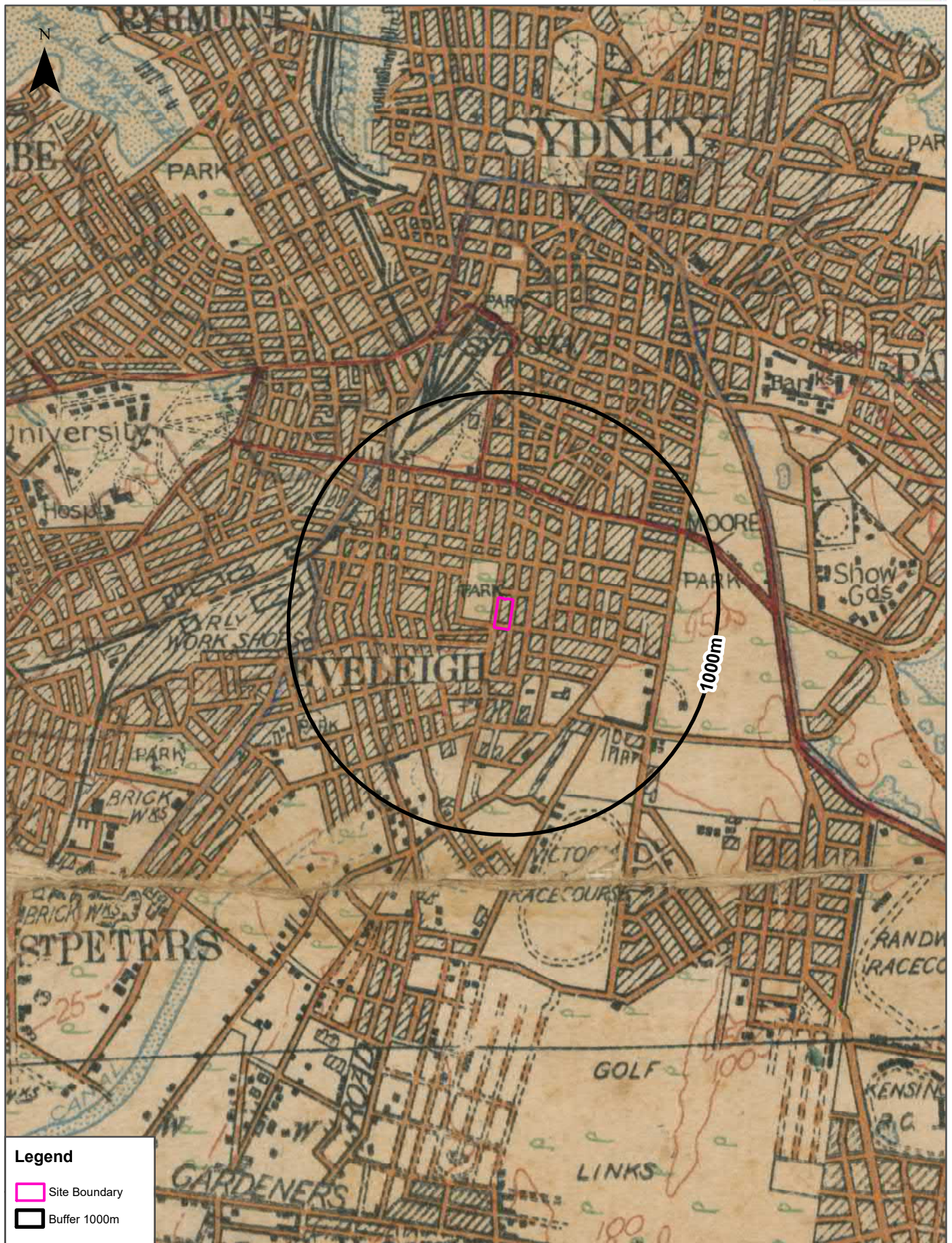
Data Sources: Civic Survey 1938 - 1950
 Town Planning Branch - City Engineers
 Department, Council of the City of Sydney

Coordinate System:
 GDA 1994 MGA Zone 56

Date: 12 March 2018

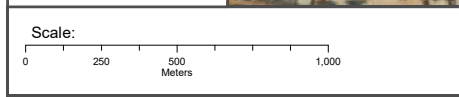
Historical Map 1917

600-660 Elizabeth Street, Redfern, NSW 2016



Legend

- Site Boundary
- Buffer 1000m



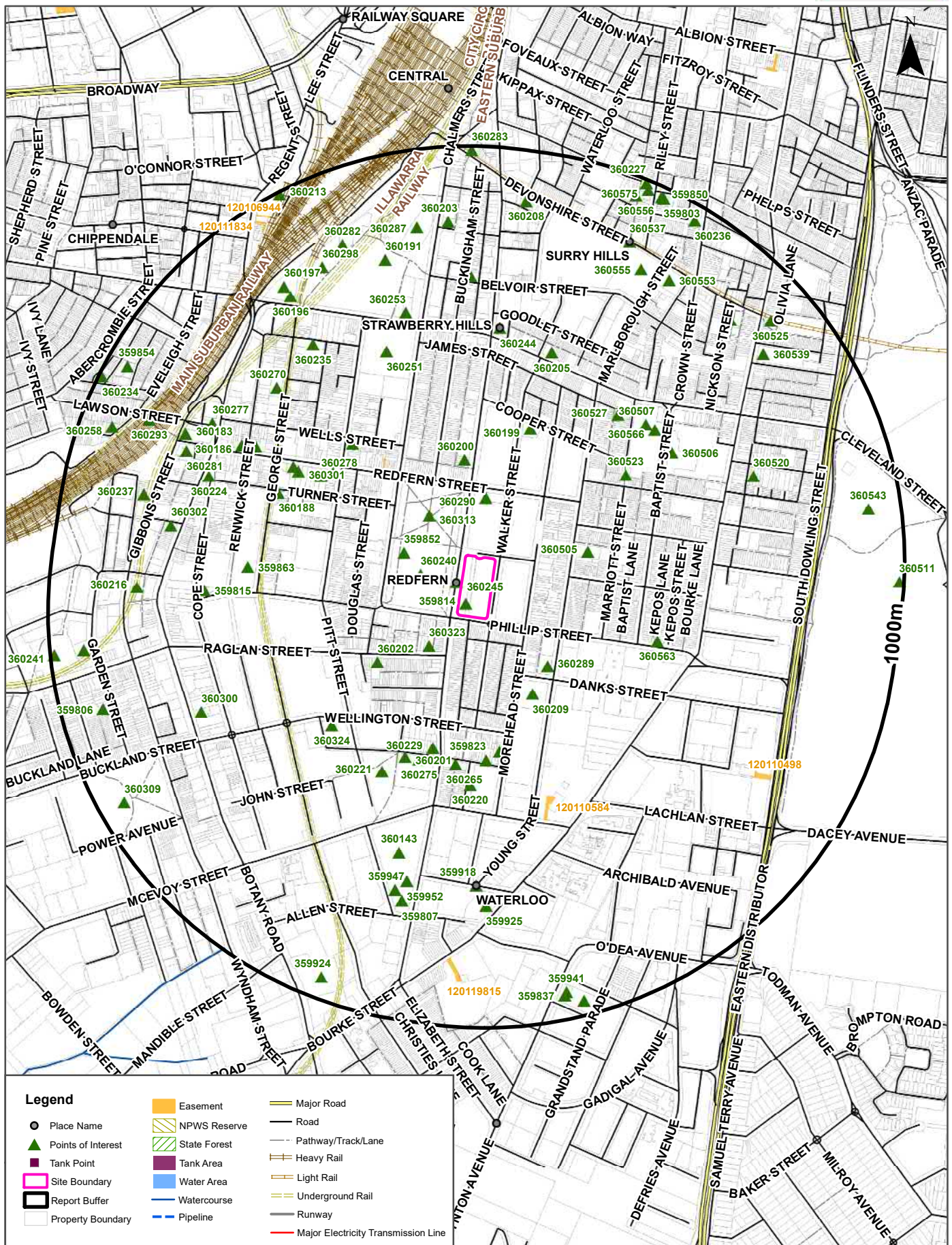
Data Sources: Australia 1:63360, Sheet 423, Sydney, New South Wales.
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Coordinate System:
GDA 1994 MGA Zone 56

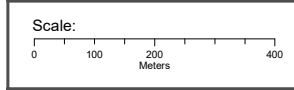
Date: 08 March 2018

Topographic Features

600-660 Elizabeth Street, Redfern, NSW 2016



Legend			
	Place Name		Easement
	Points of Interest		NPWS Reserve
	Tank Point		State Forest
	Site Boundary		Tank Area
	Report Buffer		Water Area
	Property Boundary		Watercourse
			Pipeline
			Major Road
			Road
			Pathway/Track/Lane
			Heavy Rail
			Light Rail
			Underground Rail
			Runway
			Major Electricity Transmission Line



Data Sources: Property Boundaries & Topographic Data:
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Coordinate System:
GDA 1994 MGA Zone 56

Date: 12 March 2018

Topographic Features

600-660 Elizabeth Street, Redfern, NSW 2016

Points of Interest

What Points of Interest exist within the dataset buffer?

Map Id	Feature Type	Label	Distance	Direction
359814	Community Facility	SOUTH SYDNEY PCYC	0m	Onsite
360245	Suburb	REDFERN	13m	West
360240	Sports Field	REDFERN OVAL	102m	West
360323	Child Care Centre	WATERLOO KINDERGARTEN	106m	South West
360313	Park	REDFERN PARK	132m	North West
360290	Community Home	ANNIE GREEN COURT	145m	North
359852	Community Facility	REDFERN OVAL COMMUNITY ROOM	150m	North West
360289	Community Home	FREDERIC HOUSE	190m	South East
360209	Place Of Worship	ASSEMBLIES OF GOD CHURCH	218m	South East
360505	Place Of Worship	ANGLICAN CHURCH	227m	East
360202	Place Of Worship	UNITING CHURCH	230m	South West
360200	Place Of Worship	CATHOLIC CHURCH	232m	North
360218	Park	JAMES HENRY DEACON	328m	South
360199	Place Of Worship	ORTHODOX CHURCH	330m	North
360229	Park	TOBRUK RESERVE	331m	South
359823	Community Facility	GORDON IBBETT CENTRE	346m	South
360265	Library	WATERLOO LIBRARY	363m	South
360275	Primary School	OUR LADY OF MOUNT CARMEL CATHOLIC PRIMARY SCHOOL	367m	South
360201	Place Of Worship	CATHOLIC CHURCH	372m	South West
360523	Park	COOPER STREET PLAYGROUND	380m	North East
360321	Child Care Centre	REDFERN EARLY CHILDHOOD CENTRE	383m	North West
359818	Community Facility	REDFERN TOWN HALL	390m	North West
360278	Medical Centre	REDFERN COMMUNITY HEALTH CENTRE	404m	North West
360279	Court House	REDFERN COURT HOUSE	404m	North West
360220	Park	Park	408m	South
360324	Child Care Centre	LOIS BARKER LONG DAY CARE CENTRE	411m	South West
360563	Park	JACK OBRIEN RESERVE	420m	East
360221	Park	MOUNT CARMEL RESERVE	427m	South West
360301	Place Of Worship	CATHOLIC CHURCH	458m	North West
360527	Park	FERRY PLAYGROUND	463m	North East
360264	Primary School	REDFERN JARJUM COLLEGE	474m	North West
360188	Fire Station	REDFERN FIRE STATION	483m	North West

Map Id	Feature Type	Label	Distance	Direction
360507	Shopping Centre	SURRY HILL SHOPPING VILLAGE	494m	North East
360566	Post Office	SURRY HILLS POST OFFICE	502m	North East
360506	Police Station	NSW MOUNTED POLICE	505m	North East
359863	Special School	SEDA COLLEGE	522m	West
360205	Place Of Worship	ISLAMIC	523m	North
360251	Post Office	STRAWBERRY HILLS POST BUSINESS CENTRE	535m	North
360244	Locality	STRAWBERRY HILLS	560m	North
359851	Community Facility	REDFERN NEIGHBOURHOOD SERVICE CENTRE	579m	North West
360143	Sports Field	WATERLOO OVAL	599m	South
360186	Post Office	REDFERN POST OFFICE	610m	North West
360253	High School	CLEVELAND STREET INTENSIVE ENGLISH HIGH SCHOOL	610m	North
360270	Embassy	CONSULATE OF THE PEOPLE'S REPUBLIC OF CHINA	618m	North West
359815	Community Facility	THE SALVATION ARMY COMMUNITY CENTRE	620m	West
360235	Park	RECONCILIATION PARK	637m	North West
359918	Suburb	WATERLOO	654m	South
360224	Park	JACK FLOYD RESERVE	656m	North West
360520	Park	CHELSEA PLAYGROUND	663m	East
359952	Park	WATERLOO PARK	664m	South
360300	Place Of Worship	CONGREGATIONAL CHURCH	671m	South West
360299	Place Of Worship	BAPTIST CHURCH	682m	North
359947	Sports Court	BASKETBALL COURT	691m	South
360277	Transport Interchange	REDFERN BUS INTERCHANGE	699m	North West
359925	High School	TAYLORS COLLEGE	703m	South
359807	Community Facility	SOUTH SYDNEY YOUTH SERVICES	713m	South
360302	Place Of Worship	UNITING CHURCH	722m	West
360281	Club	CLUB REDFERN	729m	North West
360183	Police Station	REDFERN POLICE STATION	746m	North West
360191	Park	PRINCE ALFRED PARK	749m	North
360196	Education Facility	ST ANDREWS GREEK ORTHODOX THEOLOGICAL COLLEGE	765m	North West
360216	Park	DANIEL DAWSON RESERVE	784m	West
360298	Club	JENSEN'S TENNIS CENTRE	788m	North West
360555	Park	WARD PARK	793m	North East
360197	Place Of Worship	ORTHODOX CHURCH	794m	North West
360237	Park	Park	800m	West
360553	Place Of Worship	CATHOLIC CHURCH	804m	North East
360287	Swimming Pool	PRINCE ALFRED PARK POOL	810m	North
360203	Place Of Worship	PRESBYTERIAN CHURCH	815m	North
360282	Sports Court	TENNIS COURTS	817m	North
360312	Park	EDGELY STREET RESERVE	820m	North East
360539	Primary School	BOURKE STREET PUBLIC SCHOOL	825m	North East

Map Id	Feature Type	Label	Distance	Direction
360537	Suburb	SURRY HILLS	842m	North East
360293	Railway Station	REDFERN RAILWAY STATION	842m	North West
360208	Place Of Worship	QUAKER MEETING ROOM	876m	North
360525	Park	WIMBO PARK	890m	North East
359806	Community Facility	ALEXANDRIA TOWN HALL	896m	West
359886	Ambulance Station	SYDNEY AMBULANCE CONTROL CENTRE	916m	West
360258	High School	KEY COLLEGE	918m	North West
360543	Sports Field	BAT AND BALL FIELD	919m	East
359941	Library	GREEN SQUARE LIBRARY	935m	South
360309	Park	ALEXANDRIA PARK	936m	South West
359837	Community Facility	GREEN SQUARE NEIGHBOURHOOD SERVICE CENTRE	942m	South
359924	Special School	GREEN SQUARE SCHOOL	947m	South
359854	Community Facility	REDFERN COMMUNITY CENTRE	947m	North West
360556	Park	Park	953m	North
360236	Park	Park	960m	North East
359961	Park	TOTE PARK	965m	South
359850	Community Facility	SURRY HILLS CHILDREN'S PROGRAM	974m	North East
359803	Community Facility	SOUTH SYDNEY YOUTH CENTRE	974m	North East
360575	Child Care Centre	SURRY HILLS LONG DAY CENTRE	977m	North East
360511	Mountain/Hill/Peak	MOUNT STEELE	988m	East
360241	Sports Field	VICE CHANCELLORS OVAL	989m	West
360283	Club	GAELIC CLUB	989m	North
360234	Park	YELLOWMUNDI PARK	991m	North West
360227	Park	Park	991m	North East
360213	Historic Site	MORTUARY STATION	993m	North West

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

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Topographic Features

600-660 Elizabeth 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		292m	North West
120110584	Primary	Undefined		460m	South
120110498	Primary	Undefined		757m	South East
120119815	Primary	Undefined		836m	South
120111834	Primary	Undefined		934m	North West
120106944	Primary	Undefined		957m	North West

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

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Topographic Features

600-660 Elizabeth 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

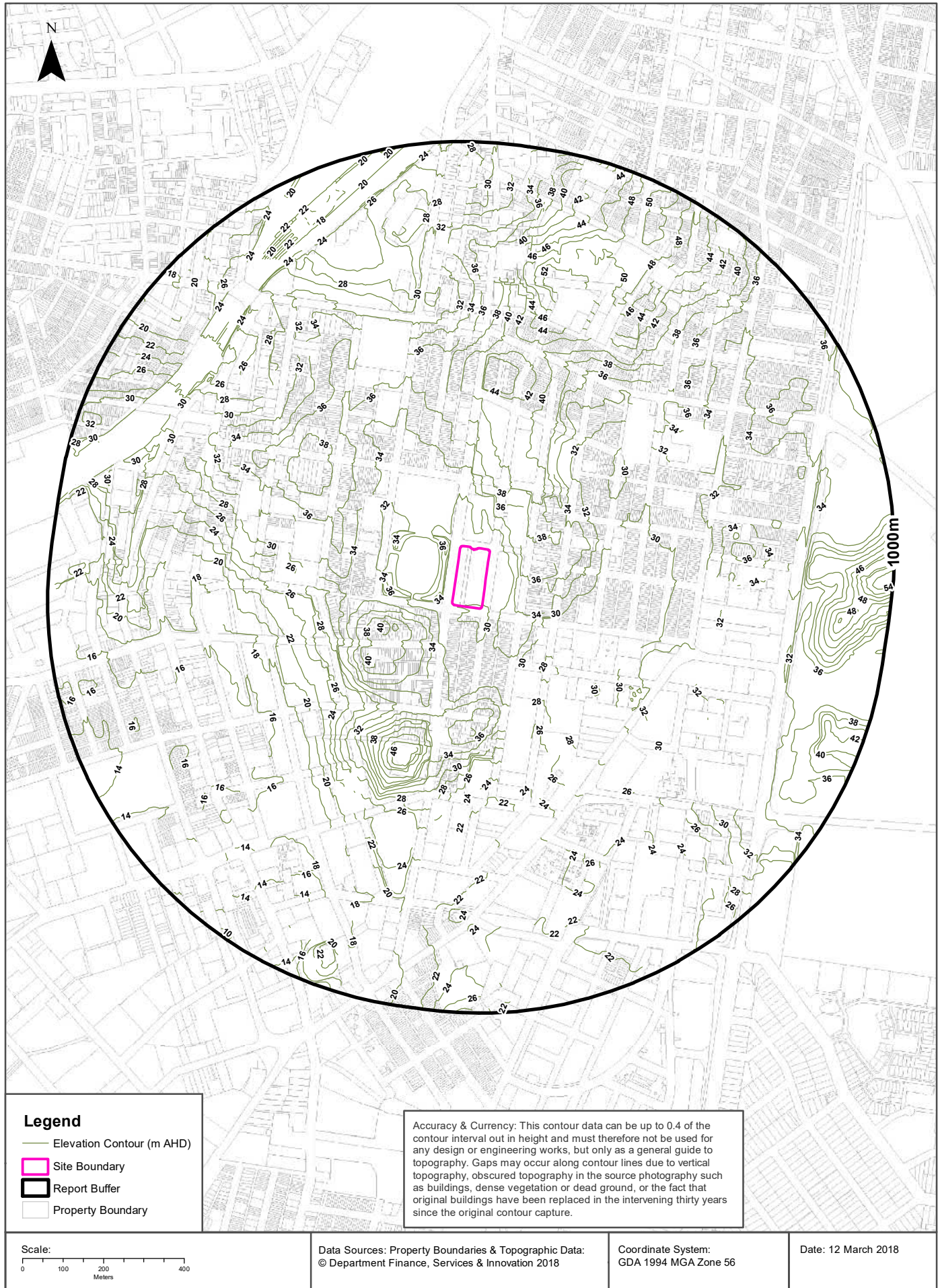
What NPWS Reserves exist within the dataset buffer?

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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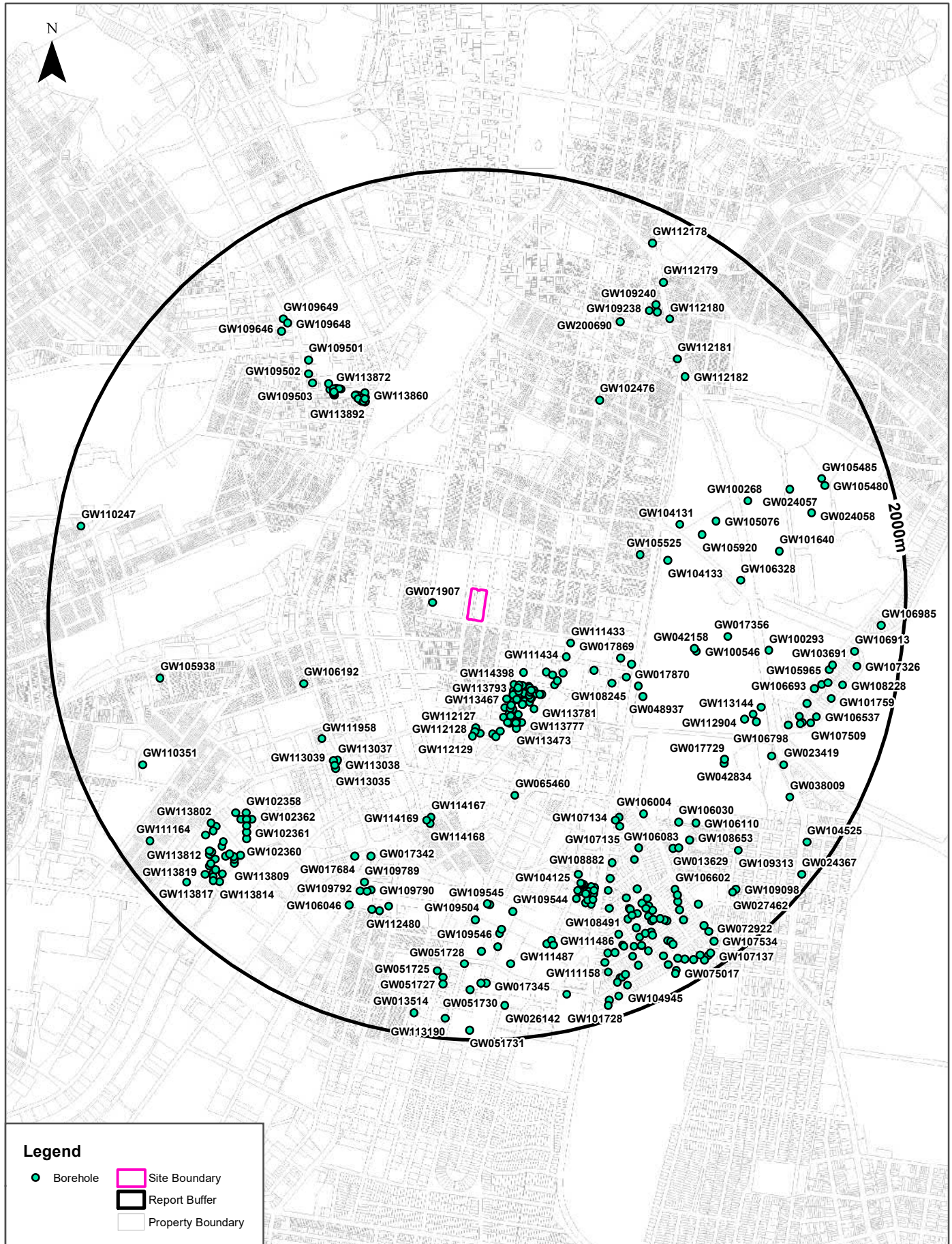
Elevation Contours (m AHD)

600-660 Elizabeth Street, Redfern, NSW 2016



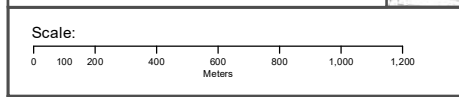
Groundwater Boreholes

600-660 Elizabeth Street, Redfern, NSW 2016



Legend

- Borehole
- Site Boundary
- Report Buffer
- Property Boundary



Data Sources: Property Boundaries & Topographic Data:
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Coordinate System:
GDA 1994 MGA Zone 56

Date: 12 March 2018

Hydrogeology & Groundwater

600-660 Elizabeth 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
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	172m	West
GW111016	10BL603969	Bore	Private	Monitoring	HLA Envirosciences	30/01/2004	4.40	4.50					318m	South East
GW114398	10BL603579	Bore	Other Govt	Monitoring	Terratest	28/07/2009	4.20	4.20					342m	South East
GW114393	10BL603579	Bore	Other Govt	Monitoring	Terratest	28/07/2009	4.20	4.20					356m	South East
GW109751	10BL160787, 10BL605178	Well	Private	Monitoring	HLA Envirosciences	05/08/2002	3.50	3.50					362m	South East
GW113792	10BL603971	Bore	Other Govt	Monitoring		04/05/2006	3.70	3.70					364m	South East
GW114396	10BL603579	Bore	Other Govt	Monitoring	Terratest	28/07/2009	5.20	5.20					364m	South East
GW114390	10BL603579	Bore	Other Govt	Monitoring	Terratest	28/07/2009	3.20	3.20					365m	South East
GW114399	10BL603579	Bore	Other Govt	Monitoring	Terratest	28/07/2009	4.20	4.20					367m	South East
GW109744	10BL160787, 10BL605177	Well	Other Govt	Monitoring	HLA Envirosciences	02/08/2002	4.00	4.00					368m	South East
GW113793	10BL603971	Bore	Other Govt	Monitoring		04/05/2006	4.10	4.10					370m	South East
GW114391	10BL603579	Bore	Private	Monitoring	Terratest	28/07/2009	4.20	4.20					380m	South East
GW114400	10BL603579	Bore	Other Govt	Monitoring	Terratest	27/07/2009	3.20	3.20					381m	South East
GW113796	10BL603971	Bore	Other Govt	Monitoring		14/06/2006	11.05	11.05					381m	South
GW109746	10BL160787, 10BL605177	Well	Other Govt	Monitoring	HLA Envirosciences	02/08/2002	4.20	4.20					382m	South East
GW113795	10BL603971	Bore	Other Govt	Monitoring		04/05/2006	3.90	3.90					384m	South
GW114386	10BL603579	Bore	Other Govt	Monitoring	Terratest	27/07/2009	5.20	5.20					387m	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
GW109747	10BL160787, 10BL605178	Well	Other Govt	Monitoring	HLA Enviroscienc es	02/08/2002	3.80	3.80					388m	South East
GW113790	10BL603971	Bore	Other Govt	Monitoring		03/05/2006	5.85	5.85					388m	South East
GW109748	10BL160787, 10BL605178	Well	Other Govt	Monitoring	HLA Enviroscienc es	02/08/2002	3.80	3.80					393m	South East
GW111014	10BL603968	Bore	Private	Monitoring	HLA Enviroscienc es	18/12/2003	6.50	6.50					394m	South East
GW113467	10BL603970	Bore	Local Govt	Monitoring		18/01/2007	3.40	3.40					394m	South
GW114397	10BL603579	Bore	Other Govt	Monitoring	Terratest	27/07/2009	3.20	3.20					396m	South East
GW114388	10BL603579	Bore	Other Govt	Monitoring	Terratest	28/07/2009	5.20	5.20					397m	South East
GW113791	10BL603971	Bore	Other Govt	Monitoring		04/05/2006	4.00	4.00					399m	South East
GW114394	10BL603579	Bore	Other Govt	Monitoring	Terratest	28/07/2009	4.20	4.20					401m	South East
GW109749	10BL160787, 10BL605177	Well	Other Govt	Monitoring	HLA Enviroscienc es	05/08/2002	4.50	4.50					403m	South East
GW109745	10BL160787, 10BL605177	Well	Other Govt	Monitoring	HLA Enviroscienc es	02/08/2002	3.50	3.50					406m	South East
GW114387	10BL603579	Bore	Other Govt	Monitoring	Terratest	27/07/2009	3.20	3.20					407m	South East
GW113794	10BL603971	Bore	Other Govt	Monitoring		08/06/2006	11.15	11.15					412m	South East
GW112715	10BL604402	Bore	Other Govt	Monitoring		29/11/2010	4.10	4.10					412m	South
GW109752	10BL160787, 10BL605177	Well	Other Govt	Monitoring	HLA Enviroscienc es	05/08/2002	3.40	3.40					413m	South East
GW113783	10BL603971	Bore	Other Govt	Monitoring		22/11/2000	4.60	4.60					415m	South East
GW111405	10BL603966	Bore	Private	Monitoring		16/07/2010	4.80	4.80					415m	South East
GW111407	10BL604132	Bore	Private	Monitoring		15/10/2010	4.80	4.80					416m	South East
GW114395	10BL603579	Bore	Other Govt	Monitoring	Terratest	27/07/2009	3.20	3.20					417m	South East
GW114389	10BL603579	Bore	Other Govt	Monitoring	Terratest	27/07/2009	3.20	3.20					418m	South East
GW109750	10BL160787, 10BL605177	Well	Other Govt	Monitoring	HLA Enviroscienc es	05/08/2002	3.50	3.50					419m	South East
GW114403	10BL603579	Bore	Other Govt	Monitoring	Terratest	05/08/2009	2.20	2.20					421m	South East
GW114392	10BL603579	Bore	Other Govt	Monitoring	Terratest	27/07/2009	2.40	2.40					422m	South East
GW111015	10BL603968	Bore	Private	Monitoring	HLA Enviroscienc es	18/02/2003	7.00	7.00					425m	South East
GW112714	10BL604402	Bore	Other Govt	Monitoring		29/11/2010	4.10	4.10					428m	South
GW111406	10BL604132	Bore	Private	Monitoring		16/07/2010	4.80	4.80					431m	South East
GW113468	10BL603970	Bore	Local Govt	Monitoring		18/01/2007	3.50	3.50					431m	South
GW113786	10BL603971	Bore	Other Govt	Monitoring		02/05/2006	3.00	3.00					432m	South East
GW114402	10BL603579	Bore	Other Govt	Monitoring	Terratest	05/08/2009	2.20	2.20					437m	South East
GW111433	10BL604568	Bore	Private	Monitoring		24/01/2011	6.30	7.00					437m	East
GW111082	10BL603966	Bore	Private	Monitoring	HLA Enviroscienc es	02/09/2006	4.00	4.00					437m	South East
GW113258	10BL604454	Bore	Other Govt	Monitoring		29/11/2010	4.10	4.10					437m	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
GW113787	10BL603971	Bore	Other Govt	Monitoring		02/05/2006	4.80	4.80					437m	South East
GW113798	10BL603971	Bore	Other Govt	Monitoring		10/02/2014	4.80	4.80					437m	South East
GW111434	10BL604568	Bore	Private	Monitoring	SOIL CHECK	24/01/2011	8.00	8.00					439m	South East
GW113789	10BL603971	Bore	Other Govt	Monitoring		03/05/2006	10.95	10.95					442m	South East
GW112713	10BL604402	Bore	Other Govt	Monitoring		29/11/2010	4.05	4.05					442m	South
GW113785	10BL603971	Bore	Other Govt	Monitoring		22/11/2000	4.00	4.00					445m	South East
GW113782	10BL603971	Bore	Other Govt	Monitoring		17/11/2000	8.00	8.00					445m	South East
GW113788	10BL603971	Bore	Other Govt	Monitoring		10/02/2014	11.00	11.00					445m	South East
GW111081	10BL603966	Bore	Private	Monitoring	HLA Enviroscienc es	02/09/2006	4.00	4.00					447m	South East
GW113257	10BL604454	Bore	Other Govt	Monitoring		29/11/2010	4.10	4.10					449m	South
GW114401	10BL603579	Bore	Other Govt	Monitoring	Terratest	05/08/2009	2.20	2.20					452m	South East
GW111080	10BL603966	Bore	Private	Monitoring	HLA Enviroscienc es	02/09/2006	5.00	5.00					454m	South East
GW113471	10BL603970	Bore	Local Govt	Monitoring		11/02/2008	4.50	4.50					460m	South East
GW113256	10BL604454	Bore	Other Govt	Monitoring		29/11/2010	4.05	4.05					462m	South
GW113470	10BL603970	Bore	Local Govt	Monitoring		11/02/2008	5.70	5.70					462m	South East
GW113472	10BL603970	Bore	Local Govt	Monitoring		11/02/2008	6.20	6.20					464m	South East
GW113469	10BL603970	Bore	Local Govt	Monitoring		19/01/2007	3.10	3.10					472m	South
GW112712	10BL604402	Bore	Other Govt	Monitoring		29/11/2010	4.00	4.00					476m	South
GW113784	10BL603971	Bore	Other Govt	Monitoring		22/11/2000	7.00	7.00					483m	South
GW113255	10BL604454	Bore	Other Govt	Monitoring		29/11/2010	4.00	4.00					485m	South
GW113781	10BL603971	Bore	Other Govt	Monitoring		17/11/2000	4.50	4.50					490m	South East
GW112711	10BL604402	Bore	Other Govt	Monitoring		30/11/2010	3.60	3.60					497m	South
GW113254	10BL604454	Bore	Other Govt	Monitoring		29/11/2010	3.60	3.60					502m	South
GW113780	10BL603971	Bore	Other Govt	Monitoring		16/11/2000	8.00	8.00					503m	South
GW113797	10BL603971	Bore	Other Govt	Monitoring		05/05/2006	4.13	4.13					508m	South
GW113779	10BL603971	Bore	Other Govt	Monitoring		13/11/2000	9.00	9.00					509m	South
GW112127	10BL160293	Bore	Private	Monitoring		03/10/2001	4.50	4.50					511m	South
GW113778	10BL603971	Bore	Other Govt	Monitoring		13/11/2000	5.00	5.00					517m	South
GW113777	10BL603971	Bore	Other Govt	Monitoring		13/11/2000	6.00	6.00					522m	South
GW112128	10BL160293	Bore	Private	Monitoring		03/10/2001	5.50	5.50					531m	South
GW113474	10BL603970	Bore	Local Govt	Monitoring		07/07/2009	6.00	6.00					535m	South
GW111959	10BL605226	Bore	Private	Monitoring		07/08/2012	6.00	6.00	1077	2.60			537m	South
GW113473	10BL603970	Bore	Local Govt	Monitoring		07/07/2000	3.00	3.00					539m	South
GW111960	10BL605226	Bore	Private	Monitoring		07/08/2012	6.00	6.60	1124	3.52			542m	South
GW112129	10BL160293	Bore	Private	Monitoring		03/10/2001	5.50	5.50					553m	South

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GW113475	10BL603970	Bore	Local Govt	Monitoring		07/07/2009	6.00	6.00					557m	South
GW037956		Bore	Private	Industrial		01/04/1972	0.00	21.10					585m	South East
GW017869	10BL008298	Bore	Private	Industrial		01/01/1955	17.90	18.00	Good				684m	East
GW108245	10BL159905, 10BL165753, 10BL602271, 10WA114749	Bore		Recreation	Intertec Drilling Services	21/09/2006	20.80	20.80	198	5.80	1.500		689m	South East
GW017870	10BL008297	Bore	Private	Industrial		01/03/1955	17.90	18.00					739m	South East
GW017340	10BL008296	Bore	Private	Industrial		01/06/1958	18.50	18.60	Good				742m	East
GW105525	10BL159952, 10WA113298	Bore		Domestic		18/11/2003	5.49	5.49		2.75	1.000		755m	East
GW104266	10BL160594	Bore	Private	Monitoring	Intertec Drilling Services	11/04/2002	22.80	35.60	134	5.85	9.000		810m	South East
GW106192	10BL164184, 10WA113750	Spear	Private	Domestic	B & B Drilling Inc	10/12/2004	6.00	6.00	Good	4.00	0.500		841m	South West
GW048937	10BL104270	Bore	Private	Recreation		01/06/1974	24.40	24.40					848m	South East
GW065460		Bore	Private	Industrial		09/01/1992	12.00		Good				849m	South
GW104133	10BL159785, 10BL159928, 10WA114701	Bore		Recreation	Southern Tablelands Drilling	28/07/2000	20.50		Fresh				877m	East
GW111958	10BL605133	Spear	Private	Monitoring		27/04/2012	6.00	6.00		3.49			901m	South West
GW113037	10BL602801	Bore	Private	Monitoring		17/11/2008	5.00	5.00					917m	South West
GW113038	10BL602801	Bore	Private	Monitoring		17/02/2009	5.00	5.00					925m	South West
GW113039	10BL602801	Bore	Private	Monitoring		17/10/2013	5.00	5.00					931m	South West
GW113036	10BL602801	Bore	Private	Monitoring		17/11/2008	4.00	4.00					946m	South West
GW113035	10BL602801	Bore	Private	Monitoring		17/11/2008	5.00	5.00					953m	South West
GW114167	10BL604100	Bore	Private	Monitoring	TERRATEST	26/08/2010	5.50	5.50					962m	South
GW104131	10BL159784, 10BL159927, 10WA114699	Bore		Recreation	Southern Tablelands Drilling	03/08/2000	20.00						976m	East
GW114169	10BL604100	Bore	Private	Monitoring	TERRATEST	11/03/2014	9.80	9.80					982m	South
GW114168	10BL604100	Bore	Private	Monitoring	TERRATEST	26/08/2010	8.70	8.70					994m	South
GW042158		Bore	NSW Office of Water	Monitoring			21.15					43.71	1021 m	East
GW113885	10BL165951	Bore	Private	Monitoring	TERRATEST	20/08/2004	7.00	7.00					1027 m	North West
GW113883	10BL165951	Bore	Private	Monitoring	TERRATEST	20/08/2004	6.10	6.10					1028 m	North West
GW113893	10BL165951	Bore	Private	Monitoring	TERRATEST	11/10/2005	8.50	8.50					1030 m	North West
GW113892	10BL165951	Bore	Private	Monitoring	TERRATEST	09/10/2005	7.00	7.00					1031 m	North West
GW100546	10BL157958	Bore	Private	Test Bore	B & B Drilling Inc	09/03/1997	14.50	14.50	Good	6.40	9.500		1033 m	East
GW113891	10BL165951	Bore	Private	Monitoring	TERRATEST	09/10/2005	6.80	6.80					1033 m	North West
GW113890	10BL165951	Bore	Private	Monitoring	TERRATEST	09/10/2005	6.00	6.00					1036 m	North West
GW113882	10BL165951	Bore	Private	Monitoring	TERRATEST	20/08/2004	6.10	6.10					1038 m	North West
GW113855	10BL165951	Bore	Private	Monitoring	TERRATEST	22/07/2003	5.00	5.00					1039 m	North West
GW113856	10BL165951	Bore	Private	Monitoring	TERRATEST	23/07/2003	6.20	6.20					1040 m	North West

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GW113881	10BL165951	Bore	Private	Monitoring	TERRATEST	20/08/2004	6.10	6.10					1042 m	North West
GW113860	10BL165951	Bore	Private	Monitoring	TERRATEST	16/09/2003	6.50	6.50					1043 m	North West
GW113875	10BL165951	Bore	Private	Monitoring	TERRATEST	30/07/2003	7.50	7.50					1048 m	North West
GW113884	10BL165951	Bore	Private	Monitoring	TERRATEST	20/08/2004	6.80	6.80					1048 m	North West
GW109500	10BL601554	Well	Private	Monitoring	Terratest Pty Ltd	01/03/2007	4.80			2.30			1048 m	North West
GW113874	10BL165951	Bore	Private	Monitoring	TERRATEST	19/09/2003	7.00	7.00					1050 m	North West
GW113873	10BL165951	Bore	Private	Monitoring	TERRATEST	26/07/2003	6.00	6.00					1053 m	North West
GW113886	10BL165951	Bore	Private	Monitoring	TERRATEST	01/10/2004	5.80	5.80					1054 m	North West
GW102476	10BL157882	Bore		Monitoring		01/01/1999	4.00						1058 m	North East
GW113859	10BL165951	Bore	Private	Monitoring	TERRATEST	15/09/2003	6.10	6.10					1058 m	North West
GW113889	10BL165951	Bore	Private	Monitoring	TERRATEST	05/10/2004	6.70	6.70					1059 m	North West
GW113857	10BL165951	Bore	Private	Monitoring	TERRATEST	23/07/2003	6.00	6.00					1063 m	North West
GW113879	10BL165951	Bore	Private	Monitoring	TERRATEST	25/07/2003	5.30	5.30					1065 m	North West
GW105920	10BL161710, 10BL600596, 10BL603529, 10WA114587	Bore		Domestic		13/05/2005				6.00			1065 m	East
GW113858	10BL165951	Bore	Private	Monitoring	TERRATEST	19/09/2003	6.30	6.30					1066 m	North West
GW113888	10BL165951	Bore	Private	Monitoring	TERRATEST	05/10/2004	5.50	5.50					1077 m	North West
GW113887	10BL165951	Bore	Private	Monitoring	TERRATEST	05/10/2004	5.70	5.70					1077 m	North West
GW113862	10BL165951	Bore	Private	Monitoring	TERRATEST	28/07/2003	3.80	3.80					1132 m	North West
GW113863	10BL165951	Bore	Private	Monitoring	TERRATEST	16/09/2003	4.60	4.60					1136 m	North West
GW113878	10BL165951	Bore	Private	Monitoring	TERRATEST	07/11/2003	7.00	7.00					1138 m	North West
GW113864	10BL165951	Bore	Private	Monitoring	TERRATEST	22/07/2003	4.50	4.50					1139 m	North West
GW113865	10BL165951	Bore	Private	Monitoring	TERRATEST	21/07/2003	6.50	6.50					1141 m	North West
GW113866	10BL165951	Bore	Private	Monitoring	TERRATEST	18/02/2014	3.00	3.00					1144 m	North West
GW113877	10BL165951	Bore	Private	Monitoring	TERRATEST	28/07/2003	5.50	5.50					1145 m	North West
GW107133	10BL164593, 10WA113818	Spear	Private	Domestic		14/04/2005	7.00	7.00					1145 m	South East
GW107134	10BL164592, 10WA113817	Spear	Private	Domestic		14/04/2005	7.00	7.00					1147 m	South East
GW105076	10BL161711, 10BL162107, 10BL163813, 10BL603530, 10WA114588	Bore		Domestic		30/04/2003	10.00	10.00		6.00	1.000		1147 m	East
GW113867	10BL165951	Bore	Private	Monitoring	TERRATEST	22/07/2003	3.50	3.50					1147 m	North West
GW113868	10BL165951	Bore	Private	Monitoring	TERRATEST	18/02/2014	3.70	3.70					1150 m	North West
GW113876	10BL165951	Bore	Private	Monitoring	TERRATEST	25/07/2003	7.80	7.80					1151 m	North West
GW113869	10BL165951	Bore	Private	Monitoring	TERRATEST	29/07/2003	6.00	6.00					1153 m	North West
GW113872	10BL165951	Bore	Private	Monitoring	TERRATEST	16/09/2003	8.00	8.00					1154 m	North West
GW113870	10BL165951	Bore	Private	Monitoring	TERRATEST	07/11/2003	4.80	4.80					1157 m	North West
GW113871	10BL165951	Bore	Private	Monitoring	TERRATEST	08/11/2003	6.00	6.00					1160 m	North West

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GW113880	10BL165951	Bore	Private	Monitoring	TERRATEST	20/08/2004	5.00	5.00					1165 m	North West
GW017356	10BL008397	Bore	Local Govt	Recreation		01/01/1942	30.40	30.50	Good				1171 m	East
GW107135	10BL164591, 10WA113816	Spear	Private	Domestic		14/04/2005	7.00	7.00					1183 m	South East
GW113861	10BL165951	Bore	Private	Monitoring	TERRATEST	30/07/2003	6.50	6.50					1193 m	North West
GW106004	10BL162812, 10WA113489	Bore	Private	Domestic	Intertec Drilling Services	25/03/2004	19.50	23.20	305	4.10	2.000		1203 m	South East
GW106328	10BL162970, 10BL162972, 10BL603528, 10WA114586	Bore		Domestic		12/06/2004	9.50	9.50					1215 m	East
GW017342	10BL008345	(Unkn own)	Private	Industrial		01/12/1946	15.50	15.50					1223 m	South West
GW109503	10BL601554	Well	Private	Monitoring	Terratest Pty Ltd	01/03/2007	5.20			2.24			1240 m	North West
GW017684	10BL008347	Bore	Private	Industrial		01/09/1947	14.90	14.90					1255 m	South West
GW109502	10BL601554	Well	Private	Monitoring	Terratest Pty Ltd	01/03/2007	6.40			2.18			1287 m	North West
GW104125	10BL159848, 10BL159859, 10WA114703	Bore	Private	Recreation	Southern Tablelands Drilling	01/08/2000	15.70	22.00	Fresh	0.50	9.800		1296 m	South
GW108882	10BL163403, 10WA113575	Bore	Private	Domestic		30/05/2008	6.00						1313 m	South East
GW105747	10BL162263, 10WA113382	Spear	Private	Domestic		15/12/2003	8.23	8.24		4.88	1.000		1318 m	South East
GW100268	10BL152893	Bore	Private	Test Bore	B & B Drilling Inc	28/09/1993	18.00	18.00		8.20			1321 m	East
GW017729	10BL008396	Bore	Local Govt	Recreation		01/01/1942	30.40	30.50	Good				1334 m	South East
GW112904	10BL604599	Bore	Private	Monitoring	Total Drilling	12/05/2011	9.00	9.00		8.10			1338 m	South East
GW113757	10BL601746	Bore	Private	Monitoring		06/11/2006	5.00	5.00					1339 m	South
GW109501	10BL601554	Well	Private	Monitoring	Terratest Pty Ltd	01/03/2007	6.00			2.30			1340 m	North West
GW042834	10BL105619, 10BL162081, 10CA114621	Bore	Local Govt	Irrigation, Recreation		01/11/1976	31.10	31.10					1341 m	South East
GW106030	10BL162823, 10WA113492	Bore	Private	Domestic	Intertec Drilling Services	17/03/2004	20.00	20.50	220	4.10	2.000		1344 m	South East
GW113758	10BL601746	Bore	Private	Monitoring		06/02/2014	4.50	4.50					1345 m	South
GW113759	10BL601746	Bore	Private	Monitoring		06/11/2006	4.30	4.30					1350 m	South
GW109504	10BL601773	Bore	Local Govt	Monitoring	Nealings Drilling	05/06/2007	7.48			3.08			1351 m	South
GW109789	10BL163543	Well	Private	Monitoring	Macquarie Drilling	21/03/2004	5.00	5.00					1352 m	South
GW111136	10BL600564, 10WA114167	Spear	Private	Domestic	Combined Drilling Services	17/12/2006	11.00	11.00		3.50			1355 m	South East
GW109545	10BL601773	Bore	Local Govt	Monitoring	Nealings Drilling	06/11/2008	13.90			3.20			1355 m	South
GW113775	10BL601746	Bore	Private	Monitoring		08/11/2006	5.00	5.00					1368 m	South
GW113144	10BL604599	Bore	Private	Monitoring	Total Drilling	12/05/2011	9.75	9.75					1370 m	East
GW113760	10BL601746	Bore	Private	Monitoring		06/02/2014	5.00	5.00					1374 m	South
GW109066	10BL601956, 10WA114425	Spear	Private	Domestic		16/07/2008	7.50						1374 m	South East
GW113761	10BL601746	Bore	Private	Monitoring		06/11/2006	4.50	4.50					1374 m	South
GW109790	10BL163543	Well	Private	Monitoring	Macquarie Drilling	27/03/2004	4.00	4.00					1375 m	South
GW100293	10BL153233, 10CA114621	Bore	Private	Irrigation, Recreation	B & B Drilling Inc	23/02/1994	18.00	20.00	Good	6.90	7.500		1375 m	East

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GW113773	10BL601746	Bore	Private	Monitoring		07/11/2006	5.00	5.00					1379 m	South
GW113763	10BL601746	Bore	Private	Monitoring		08/11/2006	4.30	4.30					1381 m	South
GW113762	10BL601746	Bore	Private	Monitoring		08/11/2006	4.30	4.30					1383 m	South East
GW113772	10BL601746	Bore	Private	Monitoring		08/11/2006	4.30	4.30					1385 m	South
GW109791	10BL163543	Well	Private	Monitoring	Macquarie Drilling	17/04/2004	4.10	4.10					1387 m	South
GW113765	10BL601746	Bore	Private	Monitoring		07/11/2006	5.00	5.00					1389 m	South
GW113767	10BL601746	Bore	Private	Monitoring		09/11/2006	5.50	5.50					1393 m	South
GW109544	10BL601773	Bore	Local Govt	Monitoring	Nealings Drilling	04/06/2007	14.00			1.68			1395 m	South
GW038046	10BL102456, 10CA114621	Bore	Local Govt	Recreation		01/11/1974	24.30	24.40	Good				1395 m	East
GW113145	10BL604599	Bore	Private	Monitoring	Total Drilling	13/05/2011	9.70	9.74					1395 m	South East
GW113774	10BL601746	Bore	Private	Monitoring		08/11/2006	5.50	5.50					1395 m	South
GW113764	10BL601746	Bore	Private	Monitoring		07/11/2006	5.00	5.00					1395 m	South
GW112182	10BL158267	Bore	Private	Monitoring		01/03/1999	30.00	30.00					1396 m	North East
GW109792	10BL163543	Well	Private	Monitoring	Macquarie Drilling	17/04/2004	4.20	4.20					1397 m	South
GW113776	10BL601746	Bore	Private	Monitoring		08/11/2006	4.30	4.30					1403 m	South
GW102358	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	6.00			1.63			1406 m	South West
GW102362	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	3.00			1.75			1407 m	South West
GW106110	10BL162824, 10WA113493	Bore	Private	Domestic	Intertec Drilling Services	19/03/2004	20.50	23.20	239	4.40	2.000		1407 m	South East
GW113766	10BL601746	Bore	Private	Monitoring		09/11/2006	5.50	5.50					1408 m	South
GW101640	10BL153145, 10CA114621	Bore	Private	Recreation		30/07/1993	17.90	17.90		7.00			1411 m	East
GW013629	10BL009006	Bore	Private	General Use		01/11/1955	21.90	21.90	0-500 ppm				1419 m	South East
GW024118	10BL018436, 10WA112948	Spear	Private	General Use		01/01/1966	3.00	3.00	Good				1423 m	South East
GW112478	10BL604489	Bore	Private	Monitoring	Terratest	15/02/2011	4.50	4.50	369	3.70			1423 m	South
GW102363	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	3.00			1.82			1426 m	South West
GW102364	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	3.00			1.82			1426 m	South West
GW113769	10BL601746	Bore	Private	Monitoring		06/11/2006	5.50	5.50					1427 m	South
GW109543	10BL601773	Bore	Local Govt	Monitoring	Nealings Drilling	04/06/2007	11.30			3.15			1428 m	South
GW112181	10BL158267	Bore	Private	Monitoring		01/03/1999	30.00	30.00					1433 m	North East
GW113768	10BL601746	Bore	Private	Monitoring		06/11/2006	5.00	5.00					1434 m	South
GW200690	20BL171676	Spear	Private	Domestic		20/12/2007	6.00						1434 m	North East
GW106083	10BL162811, 10WA113488	Bore	Private	Domestic	Intertec Drilling Services	23/03/2004	18.90	20.10	295	1.70	3.500		1435 m	South East
GW113771	10BL601746	Bore	Private	Monitoring		07/11/2006	5.00	5.00					1436 m	South
GW108653	10BL601557, 10WA114374	Spear	Private	Domestic		17/04/2007	12.00	12.00					1443 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
GW102356	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	6.00			3.32			1445 m	South West
GW102357	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	6.00			2.69			1445 m	South West
GW102365	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	6.00			3.65			1446 m	South West
GW113770	10BL601746	Bore	Private	Monitoring		06/02/2014	5.00	5.00					1451 m	South
GW112480	10BL604489	Bore	Private	Monitoring	Terratest	15/02/2011	7.00	7.00	584	5.50			1455 m	South
GW112479	10BL604489	Bore	Private	Monitoring	Terratest	15/02/2011	7.00	7.00	613	5.10			1460 m	South
GW102361	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	6.00			0.79			1467 m	South West
GW102359	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	6.00			0.83			1467 m	South West
GW109547	10BL601773	Bore	Local Govt	Monitoring	Nealings Drilling	06/06/2007	13.60			2.43			1477 m	South
GW106046	10BL162628, 10WA113460	Bore				07/06/2005							1479 m	South West
GW105940	10BL162321, 10WA113403	Bore				20/05/2005							1480 m	South East
GW102360	10BL158856	Bore		Monitoring	Engineering Explorations Pty Ltd	01/01/1998	6.00			1.17			1488 m	South West
GW111592	10BL165354, 10WA113966	Bore	Private	Domestic		01/01/2005	20.00	20.00					1492 m	South East
GW105938	10BL162977, 10WA108677	Bore				20/05/2005							1494 m	West
GW109546	10BL601773	Bore	Local Govt	Monitoring	Nealings Drilling	06/06/2007	8.14			2.32			1495 m	South
GW106058	10BL162559, 10WA113447	Spear	Private	Domestic		06/02/2004	7.50	7.50					1504 m	South East
GW105019	10BL153144, 10CA114621	Bore	Private	Recreation		26/05/1993	30.00	30.00		7.80	1.890		1526 m	South East
GW109646	10BL602486	Bore	Private	Monitoring	Environment Investigation Services	03/05/2008	8.20	8.20	1258	5.93	1.000		1527 m	North West
GW024057	10BL017826, 10WA114713	Bore	Private	Irrigation		01/11/1966	13.10	13.10					1529 m	East
GW109648	10BL602485	Bore	Private	Monitoring	Environment Investigation Services	03/05/2008	6.20	6.20	1302	5.23	0.500		1542 m	North West
GW106798	10BL163600, 10WA113627	Spear	Private	Domestic		19/12/2004	10.00	10.00					1543 m	East
GW106856	10BL163087, 10WA113524	Spear	Private	Domestic		21/12/2004	7.93	7.93	Good	2.13	1.000		1544 m	South East
GW108846	10BL601652	Bore	Private	Domestic		20/04/2006	8.00	8.00					1545 m	South East
GW109238	10BL602378	Battery Spears , Filter Pac	Private	Monitoring	Invirodrill	19/08/2008	7.50	7.50	Fresh	4.59			1546 m	North East
GW100939	10BL156892, 10WA113082	Bore	Private	Domestic		21/08/1995	5.50	5.50	Good	2.44	1.000		1550 m	South East
GW023585	10BL017518, 10WA112912	Spear	Private	General Use		01/03/1966	4.50	4.60					1551 m	South East
GW113803	10BL603258	Bore	Private	Monitoring		22/01/2010	5.80						1557 m	South West
GW203387		Bore	Private	Monitoring bore	AD Envirotech	23/04/2015	7.00	7.00		2.50			1559 m	South
GW203386		Bore	Private	Monitoring bore		23/04/2015	2.80	2.80		2.30			1559 m	South
GW109239	10BL602379	Bore	Private	Monitoring	Invirodrill	19/08/2008	7.45	7.45	Fresh	4.57			1561 m	North East
GW111486	10BL604480	Bore	Private	Monitoring		03/02/2011	2.00	2.00					1562 m	South
GW113802	10BL603258	Bore	Private	Monitoring		22/01/2010	6.10	6.10					1563 m	South West

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GW112180	10BL158267	Bore	Private	Monitoring		01/03/1999	30.00	30.00					1565 m	North East
GW113807	10BL603258	Bore	Private	Monitoring		22/01/2010	4.20	4.20					1566 m	South West
GW109649	10BL602485	Bore	Private	Monitoring	Environment Investigation Services	03/05/2008	7.20	7.20	869	2.95	1.000		1571 m	North West
GW111487	10BL604480	Bore	Private	Monitoring		03/02/2011	2.40	2.40					1574 m	South
GW203385		Bore	Private	Monitoring bore		23/04/2015	6.20	6.20		2.20			1577 m	South
GW023144	10BL016800, 10WA112845	Spear	Private	General Use		01/01/1942	4.80		Good				1578 m	South East
GW113824	10BL603258	Bore	Private	Monitoring		22/01/2010	3.05	3.05					1579 m	South West
GW113804	10BL603258	Bore	Private	Monitoring		22/01/2010	6.00	6.00					1580 m	South West
GW106602	10BL163744, 10WA113670	Spear	Private	Domestic		28/08/2004	6.10	6.10		3.50	1.000		1580 m	South East
GW108632	10BL165385, 10WA113969	Spear	Private	Domestic		15/08/2005	7.32	7.32	Good	3.96	1.000		1580 m	South East
GW100359	10BL157618, 10WA113170	Spear	Private	Domestic		12/09/1995	5.50	5.50	Good	2.74	1.000		1581 m	South East
GW104057	10BL160241, 10WA113304	Bore		Domestic	Southern Tablelands Drilling	02/11/2000	14.00	14.00					1583 m	East
GW104834	10BL161173, 10WA113328	Bore	Private	Domestic	A Korkadis	07/12/2002	5.80	5.80		2.44	1.000		1585 m	South East
GW108491	10BL600658, 10WA114191	Spear	Private	Domestic	B & B Drilling Inc	08/01/2007	7.00	7.00	Good	5.00	0.500		1586 m	South East
GW111488	10BL604480	Bore	Private	Monitoring		03/02/2011	3.00	3.00	1817	2.10	0.100		1586 m	South
GW109240	10BL602380	Bore	Private	Monitoring	Invirodrill	20/08/2008	7.50	7.50	Fresh	5.67			1587 m	North East
GW113799	10BL603258	Bore	Private	Monitoring		22/01/2010	4.10	4.10					1592 m	South West
GW023419	10BL017015, 10WA112858	Spear	Private	Domestic		07/08/1974					0.080		1597 m	South East
GW106177	10BL163428, 10BL600644, 10WA114187	Spear	Private	Domestic	B & B Drilling Inc	01/01/2007	8.00	8.00		2.00	2.500		1597 m	East
GW024058	10BL017827	Bore open thru rock	Private	Irrigation		01/11/1966	10.30	10.40					1597 m	East
GW113800	10BL603258	Bore	Private	Monitoring		22/01/2010	4.60	4.60					1598 m	South West
GW113823	10BL603258	Bore	Private	Monitoring		22/01/2010	3.20	3.20					1598 m	South West
GW105919	10BL161675, 10WA113341	Bore				13/05/2005							1599 m	East
GW113808	10BL603258	Bore	Private	Monitoring		22/01/2010	4.20	4.20					1602 m	South West
GW106435	10BL163960, 10WA113708	Spear	Private	Domestic		20/09/2004	12.81	12.81		8.23	1.000		1604 m	East
GW106364	10BL163835, 10WA113691	Bore				23/08/2005							1605 m	South East
GW110539	10BL601395, 10WA114336	Spear	Private	Domestic		07/10/2009	10.00	10.00					1609 m	South East
GW113809	10BL603258	Bore	Private	Monitoring		22/01/2010	4.50	4.50					1612 m	South West
GW106693	10BL164313, 10WA113773	Spear	Private	Domestic		21/11/2004	11.29	11.29	Good	7.93	1.000		1617 m	East
GW113801	10BL603258	Bore	Private	Monitoring		22/01/2010	4.50	4.50					1619 m	South West
GW106093	10BL162896, 10WA113507	Spear	Private	Domestic		18/04/2004	5.18	5.19		2.13	1.000		1622 m	South East
GW113815	10BL603258	Bore	Private	Monitoring		22/01/2010	6.10	6.10					1623 m	South West
GW114917	10WA119150	Spear	Private	Domestic		04/03/2015	9.15	9.15		5.49	1.000		1633 m	South East
GW112397	10WA118646	Spear	Private	Domestic		16/04/2013	7.32	7.32	Good	3.05	1.000		1635 m	South East

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GW051728		Bore	Private	Monitoring		01/12/1980	8.30	8.30	0-500 ppm				1641 m	South
GW105736	10BL162854, 10WA113499	Bore				19/04/2005							1642 m	South East
GW109313	10BL602424, 10WA114510	Spear	Private	Domestic	Ultra Drilling	09/09/2008	84.00		200	23.00	1.000		1644 m	South East
GW107509	10BL163643, 10WA113640	Spear	Private	Domestic		25/08/2005	10.00	10.00					1644 m	East
GW072622	10BL156770, 10WA114631	Bore	Local Govt	Industrial, Recreation	B & B Drilling Inc	28/11/1994	16.00	16.00	9000	2.95	1.600		1644 m	South
GW025718	10BL016426, 10WA112816	Spear	Private	General Use		01/11/1965	3.60	3.70	Good				1646 m	South East
GW110270	10BL165643, 10WA114008	Bore	Private	Domestic	B & B Drilling Inc	16/01/2006	6.00	6.00	Good	4.00	0.500		1646 m	South East
GW109270	10BL164852, 10WA113871	Bore	Private	Domestic		26/08/2008	11.00			2.00	2.500		1650 m	East
GW113813	10BL603258	Bore	Private	Monitoring		22/01/2010	6.10	6.10					1651 m	South West
GW113811	10BL603258	Bore	Private	Monitoring		22/01/2010	5.40	5.40					1658 m	South West
GW106772	10BL157060, 10WA113107	Spear	Private	Domestic		10/09/1995	5.00	5.00					1658 m	South East
GW106537	10BL163696, 10WA113653	Spear	Private	Domestic		09/10/2004	10.00	10.00					1661 m	East
GW113822	10BL603258	Bore	Private	Monitoring		22/01/2010	1.86	1.86					1664 m	South West
GW113812	10BL603258	Bore	Private	Monitoring		22/01/2010	6.10	6.10					1668 m	South West
GW108400	10BL600676, 10WA114193	Spear	Private			15/10/2007	7.01		Good	3.96	1.000		1672 m	South East
GW105965	10BL162787, 10WA113486	(Unkn own)	Private	Domestic		17/03/2004	9.50	9.50					1673 m	East
GW101933	10BL156973, 10WA113092	Bore		Domestic		11/01/1996	2.20			2.10			1674 m	South East
GW106730	10BL164248, 10WA113765	Spear	Private	Domestic	Water Works	28/10/2004	15.00	15.00	334	12.00	1.000		1676 m	East
GW103774	10BL156600, 10WA113072	Bore		Domestic		12/03/1995	6.00			4.00			1683 m	South East
GW051725		Bore	Private	Monitoring		01/02/1980	8.00	8.00	0-500 ppm				1685 m	South
GW107551	10BL165618, 10WA114005	Spear	Private	Domestic		18/11/2005	6.71	6.71	Good	3.50	1.000		1686 m	South East
GW103691	10BL160091, 10WA113302	Bore	Private	Domestic		03/05/2001	9.00	9.00					1687 m	East
GW105485	10BL162140, 10WA114713	Bore		Recreation	B & B Drilling Inc	25/09/2003	11.50	11.50		7.20	0.500		1688 m	East
GW072787		Spear	Private	Domestic		14/01/1995	5.50	5.50	Good				1688 m	South East
GW113821	10BL603258	Bore	Private	Monitoring		22/01/2010	4.60	4.60					1689 m	South West
GW111621	10BL164152, 10WA113739	Spear	Private	Domestic		01/01/2004	6.00	6.00		4.00			1690 m	South East
GW105480	10BL162139, 10WA114713	Bore		Recreation	B & B Drilling Inc	23/07/2003	13.50	13.50		5.13	1.000		1692 m	East
GW105575	10BL162490, 10WA113436	Bore	Private	Domestic		04/01/2004	7.00	7.00					1692 m	South East
GW038009	10BL101948	Bore	Private	Recreation		01/09/1969	21.30	22.90	Good				1693 m	South East
GW113818	10BL603258	Bore	Private	Monitoring		22/01/2010	4.40	4.40					1694 m	South West
GW105134	10BL157056, 10WA113105	Bore	Private	Domestic		11/09/1995	5.00	5.00					1696 m	South East
GW106182	10BL162821, 10WA113491	Spear	Private	Domestic	B & B Drilling Inc	14/07/2004	4.00	4.00	Good	2.00	0.500		1696 m	South
GW112179	10BL158267	Bore	Private	Monitoring		01/03/1999	30.00	30.00					1697 m	North East
GW113805	10BL603258	Bore	Private	Monitoring		22/01/2010	4.60	4.60					1698 m	South West
GW110351	10BL602742, 10WA114781	Bore	Local Govt	Recreation	Intertec Drilling Services	01/01/1975	60.00			25.00	1.000		1699 m	South West

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GW106028	10BL162949, 10WA113511	Speare	Private	Domestic	B & B Drilling Inc	21/06/2004	5.00	5.00	Good	3.00	0.500		1704 m	South East
GW101759	10BL157335	Bore		Domestic		12/11/1995	10.98	10.98	Good	8.24	1.000		1707 m	East
GW113810	10BL603258	Bore	Private	Monitoring		22/01/2010	4.60	4.60					1707 m	South West
GW113310	10BL163382, 10WA113571	Speare	Private	Domestic		01/01/2004	9.00	9.00			4.000		1708 m	South East
GW112385	10WA118623	Speare	Private	Domestic		17/03/2013	5.49	5.49		3.05	1.000		1708 m	South
GW051726		Bore	Private	Monitoring		01/02/1980	8.00	8.00	0-500 ppm				1712 m	South
GW107603	10BL162349, 10WA113411	Speare	Private	Domestic		15/10/2004	7.00	7.00					1716 m	South East
GW113806	10BL603258	Bore	Private	Monitoring		22/01/2010	4.10	4.10					1719 m	South West
GW105040	10BL161099, 10WA113326	Bore		Domestic		20/03/2003	8.00	8.00		5.00	1.000		1723 m	South East
GW113814	10BL603258	Bore	Private	Monitoring		22/01/2010	3.80	3.80					1727 m	South West
GW105440	10BL162159, 10WA113357	Bore		Domestic		20/10/2003	5.19	5.19		2.75	1.000		1728 m	South East
GW113820	10BL603258	Bore	Private	Monitoring		22/01/2010	5.00	5.00					1728 m	South West
GW017345		Bore	Private	Industrial		01/10/1954	13.70	13.70	Good	5.40	10.100		1729 m	South
GW107213	10BL164994, 10WA113901	Speare	Private	Domestic	B & B Drilling Inc	05/07/2005	6.00	6.00		2.00	0.500		1730 m	South East
GW051729		Bore	Private	Monitoring		01/12/1980	8.50	8.50	0-500 ppm			20.82	1730 m	South
GW025717	10BL016557, 10WA112825	Speare	Private	General Use		01/10/1965	3.60						1736 m	South
GW051727		Bore	Private	Monitoring		01/12/1980	8.00	8.00	0-500 ppm				1742 m	South
GW113817	10BL603258	Bore	Private	Monitoring		22/01/2010	3.70	3.70					1742 m	South West
GW108228	10BL600464, 10WA114150	Speare	Private	Domestic		02/09/2006	17.00	17.00					1748 m	East
GW113819	10BL603258	Bore	Private	Monitoring		22/01/2010	3.25	3.25					1750 m	South West
GW108440	10BL165741, 10WA114037	Speare	Private	Domestic	B & B Drilling Inc	03/11/2005	5.00	5.00	Good	3.00	0.500		1758 m	South East
GW051730		Bore	Private	Monitoring		01/12/1980	0.00	8.30	0-500 ppm				1762 m	South
GW027462	10BL020600	Bore	Private	General Use		01/07/1967	20.70	20.70	Other				1765 m	South East
GW105508	10BL162631, 10WA113462	Bore		Domestic		01/01/2000	7.00				0.050		1765 m	South East
GW109098	10BL162923, 10WA113510	Speare	Private	Domestic		23/07/2008	10.68			6.10	1.000		1766 m	South East
GW109118	10BL602249, 10WA114472	Bore	Private	Domestic		25/07/2008	7.63		Good	3.05	1.000		1768 m	South East
GW108703	10BL601650, 10WA114398	Bore	Private	Domestic		01/01/1982	8.00				40.000		1779 m	South East
GW106913	10BL164692, 10WA113833	Speare	Private	Domestic		10/04/2005	9.50	9.50					1780 m	East
GW111158	10BL600566, 10WA114169	Speare	Private	Domestic		01/01/2003	14.00	14.00					1784 m	South
GW110538	10BL603119, 10WA114570	Speare	Private	Domestic		08/09/2009	8.00	8.00					1794 m	South East
GW107391	10BL163366, 10WA113565	Speare	Private	Domestic		10/12/2004	7.01	7.02	Good	3.66	1.000		1800 m	South East
GW107326	10BL163784, 10WA113679	Speare	Private	Domestic		01/08/2005	9.00	9.00					1801 m	East
GW108734	10BL601448, 10WA114352	Speare	Private	Domestic		19/03/2007	6.10	6.10	Good		1.000		1808 m	South East
GW105492	10BL162700, 10WA113474	Bore		Domestic		15/04/2004	6.71	6.71		4.58	1.000		1822 m	South East
GW107881	10BL600088, 10WA114098	Speare		Domestic		20/03/2006	7.00						1823 m	South
GW111557	10BL600797, 10WA114224	Speare	Private	Domestic		25/01/2007	8.00	8.00					1828 m	South

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GW023275	10BL016918	Spear	Local Govt	General Use		01/09/1965	5.70	5.80					1831 m	South
GW108403	10BL600688, 10WA114196	Spear	Private	Domestic		15/12/2006	5.00	5.00					1832 m	South
GW072922		Spear	Private	Domestic		22/02/1995	6.70	6.70					1838 m	South East
GW113816	10BL603258	Bore	Private	Monitoring		22/01/2010	5.75	5.75					1839 m	South West
GW112178	10BL158267	Bore	Private	Monitoring		01/03/1999	30.00	30.00					1839 m	North East
GW026142	10BL019576, 10WA112987	Bore	Private	General Use		01/02/1967	12.40	12.50					1840 m	South
GW108418	10BL600796, 10WA114223	Spear	Private	Domestic		30/01/2007	6.00	6.00					1845 m	South
GW111164	10BL600213, 10WA114125	Spear	Private	Domestic		22/10/2010	8.00	8.00					1849 m	South West
GW106945	10BL164837, 10WA113867	Spear	Private	Domestic		15/04/2005	9.50	9.50					1863 m	South East
GW107643	10BL164000, 10WA113718	Spear	Private	Domestic	B & B Drilling Inc	19/07/2005	7.00	7.00	Good	5.00	0.500		1870 m	South East
GW104945	10BL160495, 10WA113317	Bore	Private	Domestic		08/02/2000	7.32	7.32		4.27	1.000		1874 m	South
GW104525	10BL160923	Bore	Private	Monitoring	Intertec Drilling Services	13/11/2002	17.65	17.65	Good	2.00	7.000		1878 m	South East
GW110247	10BL603148, 10WA109284	Bore	Private	Domestic	Intertec Drilling Services	16/07/2009	210.00	210.00	4400	31.00	0.130		1885 m	West
GW105964	10BL162729, 10WA113478	(Unknown)	Private	Domestic		01/06/2004	9.50	9.50					1885 m	South East
GW107534	10BL165409, 10WA113973	Spear	Private	Domestic		05/09/2005	6.10	6.10	Good	2.44	1.000		1889 m	South East
GW106985	10BL164193, 10WA113752	Bore	Private	Domestic	Britt's Water Solutions	24/03/2005	159.00	159.00		14.00	0.130		1891 m	East
GW013514	10BL008711	Spear	Private	Industrial		01/03/1958	9.10	9.10	Good				1897 m	South
GW107348	10BL165062, 10WA113911	Spear	Private	Domestic		19/07/2005	13.42	13.42		9.15	1.000		1907 m	South East
GW113190	10BL605409	Bore	Private	Monitoring	Rockwell Drilling	05/07/2013	9.00	9.00					1907 m	South
GW105999	10BL162445, 10WA113429	Spear	Private	Domestic		22/03/2004	10.68	10.68			1.000		1907 m	South East
GW104832	10BL161176, 10WA113329	Bore	Private	Domestic		07/12/2000	7.32	7.32		3.96	1.250		1908 m	South
GW075017		Bore	NSW Office of Water	Monitoring	McDermott Drilling Pty Ltd	07/07/1998	28.50	29.50	Fresh	1.75		8.56	1910 m	South East
GW109946	10BL602187, 10WA114462	Spear	Private	Domestic	B & B Drilling Inc	05/02/2009	5.00	5.00	Good	2.00	0.500		1910 m	South
GW042159		Bore	NSW Office of Water	Monitoring			24.00					24.82	1922 m	South East
GW107137	10BL164534, 10WA113808	Spear	Private	Domestic		03/05/2005	7.63	7.63		3.96	1.000		1926 m	South East
GW107430	10BL165324, 10WA113961	Spear	Private	Domestic		12/09/2005	9.15	9.15	Good	3.10	1.000		1931 m	South East
GW101728	10BL157144, 10WA113118	Bore		Domestic		10/10/1995	4.58	4.58	Good	1.52	1.000		1934 m	South
GW104928	10BL160633, 10WA113319	Bore	Private	Domestic	B & B Drilling Inc	28/10/2002	9.00	9.00		5.80	0.400		1937 m	South East
GW024367	10BL018457	Spear	Private	General Use		01/07/1966	4.20	4.30	Good				1949 m	South East
GW051731		Bore	Private	Monitoring		01/12/1980	8.00	8.00	501-1000 ppm				1956 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

600-660 Elizabeth Street, Redfern, NSW 2016

Driller's Logs

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

Groundwater No	Drillers Log	Distance	Direction
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	172m	West
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	318m	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	362m	South East
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	368m	South East
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.	382m	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	388m	South East
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	393m	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	394m	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	403m	South East
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.	406m	South East

Groundwater No	Drillers Log	Distance	Direction
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	413m	South East
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	415m	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	419m	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	425m	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	431m	South East
GW111433	0.00m-2.00m FILL,SILTY,GRAVELLY SAND 2.00m-7.00m SAND, LIGHT BROWN,GREY,BROWN	437m	East
GW111434	0.00m-0.50m FILL, SILTY SAND,FINE TO MEDIUM GRAINED 0.50m-2.00m SAND,FINE TO MEDIUM GRAINED,BROWN,TACE OF SILT 2.00m-8.00m SAND FINE TO MEDIUM GRAINED,BROWN	439m	South East
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	447m	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	454m	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	537m	South
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	542m	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	585m	South East

Groundwater No	Drillers Log	Distance	Direction
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	684m	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	689m	South East
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	739m	South East
GW017340	0.00m-15.24m Made Ground Sand 15.24m-18.59m Clay Water Supply Sand Peaty	742m	East
GW105525	0.00m-2.75m SANDY CLAY,SOIL LAND FILL 2.75m-5.49m UNCONSOLIDATED ALL SANDS	755m	East
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	810m	South East
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	841m	South West
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 Interlayere Water Supply 16.76m-17.98m Sand Water Supply 17.98m-22.71m Sand White Water Supply 22.71m-24.38m Clay Grey	848m	South 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	901m	South West
GW100546	0.00m-14.50m BOTANY BAY SANDS	1033m	East
GW107133	0.00m-7.00m sand	1145m	South East
GW105076	0.00m-10.00m SAND	1147m	East
GW107134	0.00m-7.00m sand	1147m	South East
GW017356	0.00m-30.48m Sand Water Supply	1171m	East
GW107135	0.00m-7.00m Sand	1183m	South East

Groundwater No	Drillers Log	Distance	Direction
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	1203m	South East
GW106328	0.00m-9.50m SAND	1215m	East
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	1223m	South West
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	1255m	South West
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	1296m	South
GW105747	0.00m-8.23m sand, unconsolidated	1318m	South East
GW100268	0.00m-0.20m FILL 0.20m-4.50m YELLOW SAND 4.50m-6.00m LIGHT GREY SAND 6.00m-6.70m DARK BROWN PEATY SAND 6.70m-8.00m WHITE SAND 8.00m-12.20m YELLOW SAND- WATER BEARING 12.20m-13.00m BROWN SILTY SAND-WATER BEARING 13.00m-15.50m YELLOW SAND-HIGH WATER BEARING 15.50m-16.50m WHITE SAND (SILTY)-WATER BEARING 16.50m-18.00m DECOMPOSED SANDSTONE, GETTING HARDER	1321m	East
GW017729	0.00m-30.48m Sand Water Supply	1334m	South East
GW042834	0.00m-1.22m Made Ground 1.22m-10.36m Sand White 10.36m-21.95m Sand White Light Water Supply 21.95m-23.16m Peat Sand Water Supply 23.16m-29.87m Sand Grey Water Supply 29.87m-30.48m Sand Grey Clay Water Supply 30.48m-31.09m Clay Grey	1341m	South East
GW106030	0.00m-1.00m fill 1.00m-4.00m sand, small rocks 4.00m-8.80m sand 8.80m-8.90m peat 8.90m-9.70m sand 9.70m-11.30m peat & sand 11.30m-13.10m sand 13.10m-13.20m peat 13.20m-14.70m sand 14.70m-14.80m peat 14.80m-19.90m sand 19.90m-20.40m clay 20.40m-20.50m sandstone	1344m	South 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	1352m	South
GW100293	0.00m-0.80m FILL 0.80m-12.80m YELLOW SAND 12.80m-15.20m WHITE SILTY SAND 15.20m-18.00m YELLOW SAND W.B. 18.00m-19.00m YELLOW SILTY SAND 19.00m-20.00m DECOMPOSED SANDSTONE	1375m	East

Groundwater No	Drillers Log	Distance	Direction
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	1375m	South
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	1387m	South
GW038046	0.00m-0.30m Sand 0.30m-0.91m Rubble 0.91m-9.14m Sand 9.14m-12.19m Sand Water Supply 12.19m-13.71m Sand White Water Supply 13.71m-18.89m Sand Water Supply 18.89m-19.81m Sand Clay Bands 19.81m-24.38m Sand White Water Supply 24.38m-24.39m Clay Sandy	1395m	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	1397m	South
GW106110	0.00m-1.80m fill 1.80m-9.00m sand 9.00m-10.50m sand, peat 10.50m-21.00m sand 21.00m-23.20m peat heavy	1407m	South East
GW101640	0.00m-4.30m Topsoil with Fill 4.30m-6.50m Light Grey Sand 6.50m-7.00m Brown Sand 7.00m-9.60m Yellow Silty Sand 9.60m-10.50m Light Brown Sand WB 10.50m-14.80m White Sand WB 14.80m-16.60m Yellow Silty Sand 16.60m-17.90m Decomposed Sandstone	1411m	East
GW013629	0.00m-0.60m Topsoil Sandy 0.60m-12.19m Sand White Some Hard Cemented 12.19m-16.76m Sand 16.76m-16.91m Clay Seams 16.91m-21.64m Sand Water Supply 21.64m-21.94m Peat	1419m	South East
GW024118	0.00m-0.91m Sand Black 0.91m-3.04m Sand White Water Supply	1423m	South 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	1423m	South
GW106083	0.00m-0.50m fill 0.50m-11.20m sand 11.20m-11.30m peat 11.30m-19.20m sand 19.20m-20.00m peat siff 20.00m-20.10m sandstone,	1435m	South East
GW108653	0.00m-12.00m sand	1443m	South East
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-rown, homogenous, damp, fine-medium grained, well sorted 4.60m-7.00m Clay, Silty; grey & brown, mottled, homogenous, stiff, high plasticity	1455m	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	1460m	South
GW106058	0.00m-7.50m sand	1504m	South East
GW105019	0.00m-0.30m SANDY TOPSOIL 0.30m-6.50m FILL,SAND,BRICKS 6.50m-9.60m LIGHT BROWN SAND 9.60m-18.00m WHITE BEACH SAND 18.00m-24.00m YELLOW SAND 24.00m-26.50m YELLOW SAND/SILTY 26.50m-27.50m YELLOW SAND MORE SILTY 27.50m-30.00m SOFT SANDSTONE	1526m	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	1527m	North West

Groundwater No	Drillers Log	Distance	Direction
GW024057	0.00m-1.52m Topsoil 0.00m-1.52m Loam Sandy 1.52m-3.04m Sand Dark Brown 3.04m-6.09m Sand Yellow Water Supply 6.09m-11.27m Sand Dark Brown Wet Water Supply 11.27m-11.88m Sand Light Brown Wet Water Supply 11.88m-13.10m Sand Light Brown Wet Water Supply 11.88m-13.10m Clay Veined Water Supply	1529m	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	1542m	North West
GW106798	0.00m-10.00m sand	1543m	East
GW106856	0.00m-7.93m sand, unconsolidated	1544m	South East
GW108846	0.00m-8.00m sand	1545m	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	1546m	North East
GW100939	0.00m-5.50m UNCONSOLIDATED ALL SANDS	1550m	South East
GW023585	0.00m-4.57m Sand Water Supply	1551m	South 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	1559m	South
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; fill, 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	1559m	South
GW109239	0.00m-0.10m ASHPHALT 0.10m-0.60m FILL BROWN,GRAVEL,CLAY 0.60m-2.90m CLAY BROWN ORANGE,RED,SILT MOIST 2.90m-7.45m SHALE RED,GREY, CLAY BANDS	1561m	North East
GW111486	0.00m-0.10m FILL CONCRETE CORE 0.10m-0.50m GRAVEL AND SAND ,MINOR CLAY 0.50m-2.00m SAND NATURAL BROWN M/GRAINED	1562m	South
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	1571m	North West
GW111487	0.00m-0.10m FILL CONCRETE CORE 0.10m-0.50m GRAVEL AND SAND 0.50m-2.40m SAND,NATURAL BROWN,M/GRAINED	1574m	South
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	1577m	South
GW106602	0.00m-6.10m sand, unconsolidated	1580m	South East
GW108632	0.00m-7.32m sand	1580m	South East
GW100359	0.00m-5.50m ALL SAND UNCONSOLIDATED	1581m	South East
GW104057	0.00m-1.00m SANDY TOPSOIL 1.00m-2.00m DIRTY WHITE SAND 2.00m-3.00m LIGHT BROWN SAND 3.00m-7.00m LIGHT YELLOW SAND 7.00m-11.00m WHITE SAND 11.00m-12.00m WHITE SAND,BLACK PEAT 12.00m-13.00m WHITE SAND 13.00m-14.00m ROCK,ORANGE FATTY SANDS & CLAY	1583m	East
GW104834	0.00m-5.79m UNCONSOLIDATED ALL SANDS	1585m	South East
GW108491	0.00m-0.30m Topsoil 0.30m-6.50m Sand, yellow 6.50m-7.00m Sand, dark grey	1586m	South East
GW111488	0.00m-0.10m FILL,CONCRETE CORE 0.10m-1.00m FILL,GRAVELLY ROAD BASE,GREY,SAND BROWN 1.00m-1.60m CLAY SANDY,GRAVELLY,BROWN,DRY,SAND M/GRAINED 1.60m-3.00m SAND NATURAL,YELLOW,FINE TO MED.GRAINED	1586m	South

Groundwater No	Drillers Log	Distance	Direction
GW109240	0.10m-0.20m CONCRETE 0.20m-0.50m FILL BROWN, GRAVEL, CLAY, GLASS, BRICK, SANDSTONE 0.50m-2.70m CLAY, RED, GREY, WHITE 2.70m-7.50m SHALE RED, WEATHERED, CLAY BANDS, MOIST	1587m	North East
GW024058	0.00m-1.52m Sand Gravel 1.52m-4.57m Sand Dry 4.57m-6.09m Sand Grey Dry 6.09m-7.62m Sand White Dry 7.62m-10.36m Sandstone Soft Firm	1597m	East
GW106435	0.00m-12.81m sand, unconsolidated	1604m	East
GW110539	0.00m-10.00m SAND	1609m	South East
GW106693	0.00m-11.29m sand	1617m	East
GW106093	0.00m-5.18m sand, unconsolidated	1622m	South East
GW114917	0.00m-9.15m UNCONSOLIDATED ALL SANDS	1633m	South East
GW112397	0.00m-7.32m UNCONSOLIDATED ALL SAND	1635m	South East
GW051728	0.00m-1.00m Made Ground 1.00m-3.80m Sand Fine-medium Some Fine 3.80m-8.30m Sand Greyish Grey Fine-medium	1641m	South
GW072622	0.00m-1.00m FILL, ROCKS & SAND 1.00m-1.50m YELLOW SAND 1.50m-2.80m PEATY SAND 2.80m-8.30m YELLOW SAND 8.30m-11.00m DARK BROWN PEATY SAND 11.00m-11.50m BLACK PEATY SAND 11.50m-14.20m BROWN PEATY SAND 14.20m-15.30m PEAT 15.30m-16.00m STIFF GREY CLAY	1644m	South
GW107509	0.00m-10.00m sand	1644m	East
GW025718	0.00m-3.65m Sand Water Supply	1646m	South East
GW110270	0.00m-0.30m TOPSOIL 0.30m-3.00m YELLOW SAND 3.00m-5.00m SAND, DARK BROWN 5.00m-6.00m SAND, LIGHT BROWN	1646m	South East
GW106772	0.00m-5.00m sand	1658m	South East
GW106537	0.00m-10.00m sand	1661m	East
GW105965	0.00m-9.50m SAND	1673m	East
GW106730	0.00m-15.00m sand	1676m	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	1685m	South
GW107551	0.00m-6.71m Sand, unconsolidated	1686m	South East
GW103691	0.00m-9.00m SAND	1687m	East
GW072787	0.00m-5.50m Unconsolidated Sand	1688m	South East
GW105485	0.00m-0.50m BITUMEN/ROAD BASE FILL 0.50m-1.20m BROWN SAND FILL 1.20m-3.60m BRICK HILL/ROAD BASE 3.60m-9.50m YELLOW SAND 9.50m-11.50m RED/WHITE DECOMPOSED SANDSTONE	1688m	East
GW105480	0.00m-0.50m BITUMEN, FILL 0.50m-1.20m BROWN SAND 1.20m-4.60m YELLOW SAND 4.60m-5.90m YELLOW SAND WITH ORANGE SILT 5.90m-8.60m YELLOW SAND/DECOM. SANDSTONE 8.60m-10.30m YELLOW SAND/ORANGE SILT 10.30m-13.50m RED, WHITE, DECOMPOSED SANDSTONE	1692m	East
GW105575	0.00m-7.00m sand	1692m	South East

Groundwater No	Drillers Log	Distance	Direction
GW038009	0.00m-3.65m Sand Rubble 3.65m-4.87m Sand Hard Cemented 4.87m-8.53m Sand 8.53m-10.97m Sand 8.53m-10.97m Clay Sandy Bands 10.97m-12.19m Sand Clean 12.19m-21.33m Sand Clean Water Supply 21.33m-22.86m Clay Sandy	1693m	South East
GW105134	0.00m-5.00m SAND	1696m	South East
GW106182	0.00m-0.30m topsoil 0.30m-3.00m sand, brown silty 3.00m-4.00m sand, light brown	1696m	South
GW106028	0.00m-0.30m topsoil 0.30m-3.00m sand, yellow 3.00m-5.00m sand, brown	1704m	South East
GW101759	0.00m-10.98m Unconsolidated Sand	1707m	East
GW112385	0.00m-5.49m UNCONSOLIDATE ALL SANDS	1708m	South
GW051726	0.00m-0.80m Made Ground 0.80m-3.20m Sand Grey Yellow Yellowish Fine-medium Interlayere 3.20m-8.00m Sand Light Brown Grey Fine-medium	1712m	South
GW107603	0.00m-7.00m sand	1716m	South East
GW105040	0.00m-8.00m SAND	1723m	South East
GW105440	0.00m-5.18m UNCONSOLIDATED ALL SANDS	1728m	South East
GW017345	0.00m-0.60m Made Ground 0.60m-2.43m Sand Grey 2.43m-2.74m Wood 2.74m-4.26m Sand Wood 4.26m-6.70m Sand White Hard 6.70m-7.92m Sand White Hard Clay 7.92m-13.41m Sand Water Supply 13.41m-13.71m Clay	1729m	South
GW051729	0.00m-0.80m Made Ground 0.80m-1.80m Sand Light Brown Fine-medium Some Fine 1.80m-5.70m Sand Dark Brown Fine-medium 5.70m-8.50m Sand Light Brown Fine-medium	1730m	South
GW107213	0.00m-0.30m topsoil 0.30m-1.50m sand, grey 1.50m-3.40m sand, brown 3.40m-6.00m sand, yellow	1730m	South East
GW051727	0.00m-0.60m Made Ground 0.60m-4.60m Sand Yellow Dark Brown Fine-medium 4.60m-8.00m Sand Light Brown Fine-medium	1742m	South
GW108228	0.00m-17.00m sand	1748m	East
GW108440	0.00m-0.30m Topsoil 0.30m-3.50m Sand, yellow 3.50m-5.00m Sand, grey	1758m	South East
GW051730	0.00m-3.30m Sand Reddish Fine-medium Some Fine 3.30m-8.30m Sand Greyish Light Brown Fine-medium	1762m	South
GW027462	0.00m-0.60m Topsoil Sandy 0.60m-1.21m Sand 1.21m-2.13m Sand White 2.13m-6.40m Sand 6.40m-8.83m Sand Dark Brown Peaty 8.83m-13.10m Sand Water Supply 13.10m-14.93m Sand Grey Water Bearing 14.93m-15.84m Sand Water Supply 15.84m-16.76m Sand Clay Seams Water Supply 16.76m-19.50m Sand Water Supply 19.50m-20.72m Peat Fossils:wood	1765m	South East
GW106913	0.00m-9.50m Sand	1780m	East
GW110538	0.00m-8.00m SAND	1794m	South East
GW107391	0.00m-7.01m Sand, unconsolidated	1800m	South East
GW107326	0.00m-9.00m sand	1801m	East

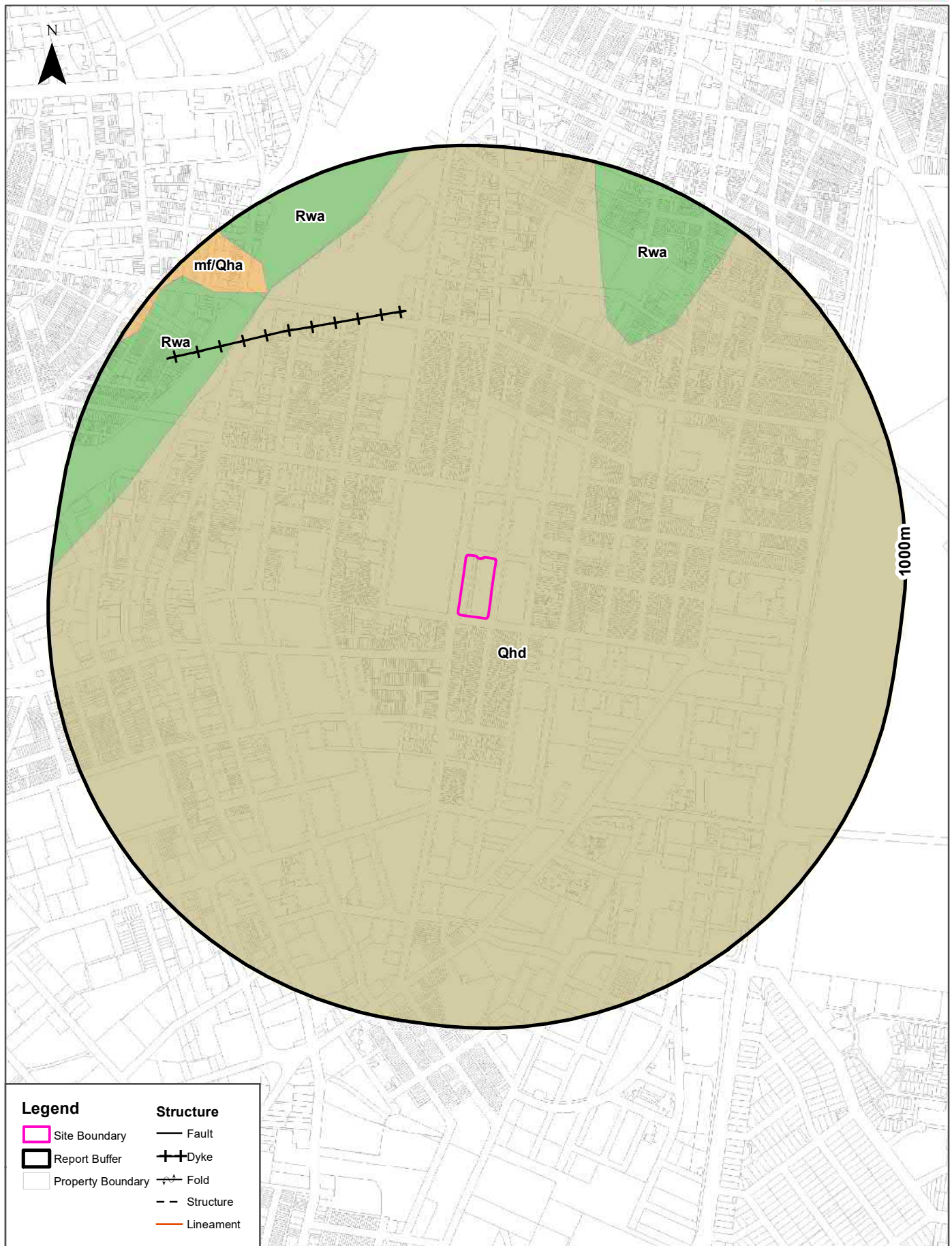
Groundwater No	Drillers Log	Distance	Direction
GW108734	0.00m-6.10m sand	1808m	South East
GW105492	0.00m-6.71m UNCONSOLIDATED ALL SANDS	1822m	South East
GW111557	0.00m-8.00m ALL SAND	1828m	South
GW023275	0.00m-5.79m Sand Water Supply	1831m	South
GW072922	0.00m-6.70m Unconsolidated Sand	1838m	South East
GW026142	0.00m-5.18m Sand Rubble 5.18m-12.49m Sand White Wet Clean Water Supply 12.49m-12.51m Peat Sandy Clay	1840m	South
GW108418	0.00m-6.00m sand	1845m	South
GW111164	0.00m-8.00m SAND	1849m	South West
GW106945	0.00m-9.50m sand	1863m	South East
GW107643	0.00m-0.30m topsoil 0.30m-3.50m sand, yellow 3.50m-5.50m sand, brown 5.50m-7.00m sand, fine grey	1870m	South East
GW104945	0.00m-7.32m UNCONSOLIDATED ALL SANDS	1874m	South
GW104525	0.00m-0.50m FILL S/S CEMENT 0.50m-4.50m SAND/ GREY TO BROWN 4.50m-4.90m SANDY PEAT / D/BROWN 4.90m-16.80m SAND:YELLOW BROWN 16.80m-17.65m PEAT D/ BROWN WITH CEMENTED SAND	1878m	South East
GW105964	0.00m-9.50m sand	1885m	South East
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	1885m	West
GW107534	0.00m-6.10m Sand, unconsolidated	1889m	South East
GW106985	0.00m-0.30m Topsoil 0.30m-0.60m Sandstone, weathered 0.60m-7.00m Sandstone, with soft bands 7.00m-159.00m Sandstone, with Shale bands	1891m	East
GW013514	0.00m-9.14m Sand Water Supply	1897m	South
GW105999	0.00m-10.68m sand, unconsolidated	1907m	South East
GW107348	0.00m-13.42m Sand, unconsolidated	1907m	South East
GW104832	0.00m-7.32m UNCONSOLIDATED ALL SANDS	1908m	South
GW075017	0.50m-3.00m SAND, MED TO FINE GRAINED,YELLOW 3.00m-4.00m PEATY SAND 4.00m-4.50m PEAT,FINE 4.50m-13.00m SILTY SAND 13.00m-18.00m SAND,DENSE,FINE 18.00m-19.00m PEATY SAND 19.00m-21.50m PEAT,SANDY PEAT,BLACK 21.50m-22.00m SAND 22.00m-23.00m PEAT, FIRM,BLACK 23.00m-27.00m SILTY SAND 27.00m-28.00m SANDY CLAY 28.00m-28.50m WEATHERED ROCK 28.50m-29.50m BED ROCK	1910m	South East

Groundwater No	Drillers Log	Distance	Direction
GW109946	0.00m-0.30m TOPSOIL 0.30m-3.00m SAND BROWN 3.00m-5.00m SAND YELLOW	1910m	South
GW107137	0.00m-7.63m Sand, unconsolidated	1926m	South East
GW107430	0.00m-9.15m Sand, unconsolidated	1931m	South East
GW101728	0.00m-4.58m SAND, UNCONSOLIDATED	1934m	South
GW104928	0.00m-0.20m TOPSOIL 0.20m-4.50m LIGHT BROWN SAND 4.50m-9.00m LIGHT YELLOW SAND	1937m	South East
GW024367	0.00m-2.43m Sand 2.43m-4.26m Clay Sandy Water Supply	1949m	South East
GW051731	0.00m-0.25m Made Ground 0.25m-2.60m Sand Yellow Fine-medium Some Fine 2.60m-8.00m Sand Greyish Grey Fine-medium	1956m	South

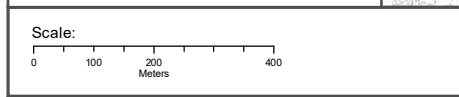
Drill Log Data Source: NSW Department of Primary Industries - Office of Water / Water Administration Ministerial Corp
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Geology 1:100,000

600-660 Elizabeth Street, Redfern, NSW 2016



Legend	
Site Boundary	Fault
Report Buffer	Dyke
Property Boundary	Fold
	Structure
	Lineament



Data Sources: Property Boundaries & Topographic Data:
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Coordinate System:
GDA 1994 MGA Zone 56

Date: 12 March 2018

Geology

600-660 Elizabeth 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
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

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Naturally Occurring Asbestos Potential

600-660 Elizabeth Street, Redfern, NSW 2016

Naturally Occurring Asbestos Potential

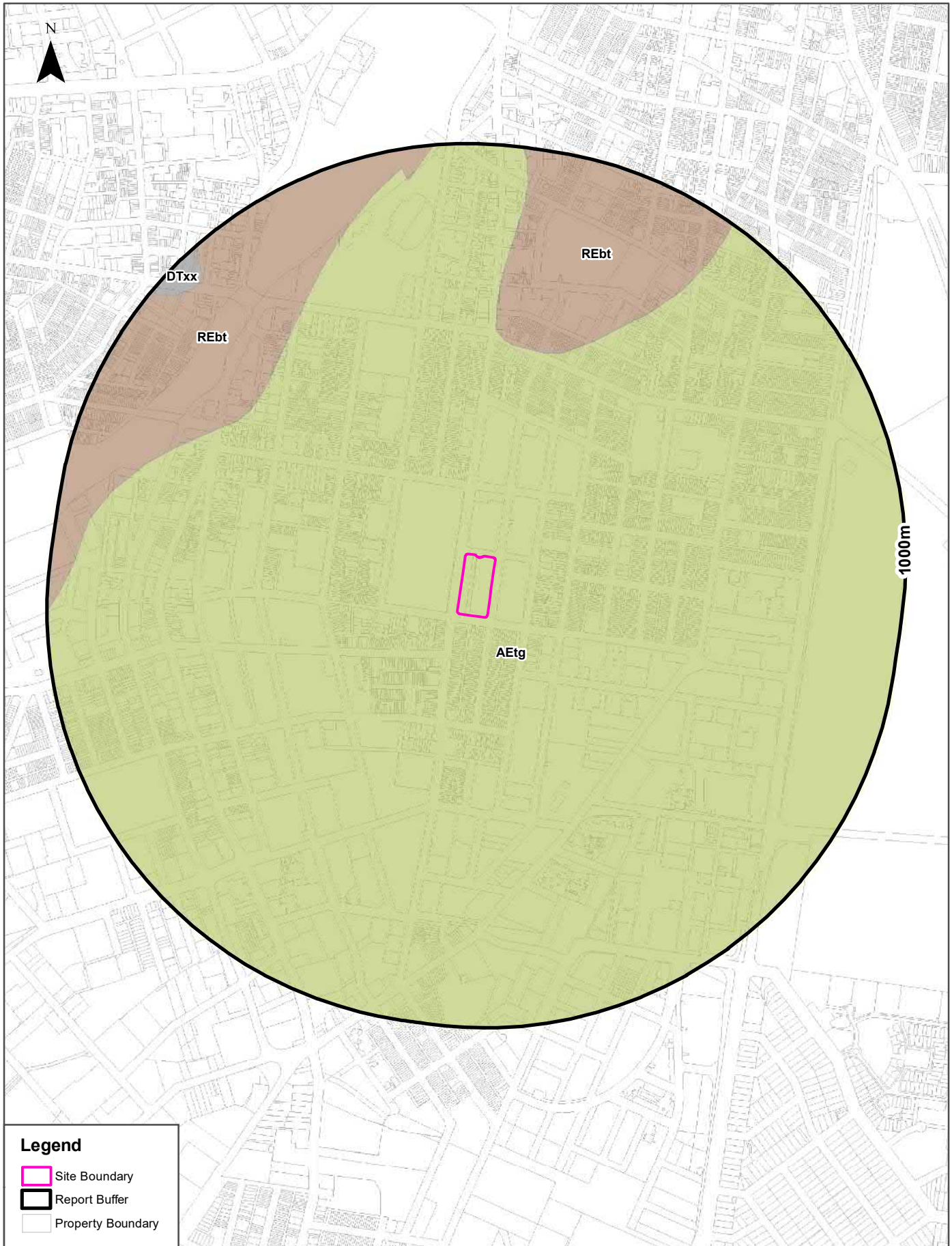
Naturally Occurring Asbestos Potential within the dataset buffer:

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

600-660 Elizabeth Street, Redfern, NSW 2016



Legend

- Site Boundary
- Report Buffer
- Property Boundary

Scale: 0 100 200 400 Meters

Data Sources: Property Boundaries & Topographic Data.
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Coordinate System:
GDA 1994 MGA Zone 56

Date: 12 March 2018

Soils

600-660 Elizabeth Street, Redfern, NSW 2016

Soil Landscapes

What are the onsite Soil Landscapes?

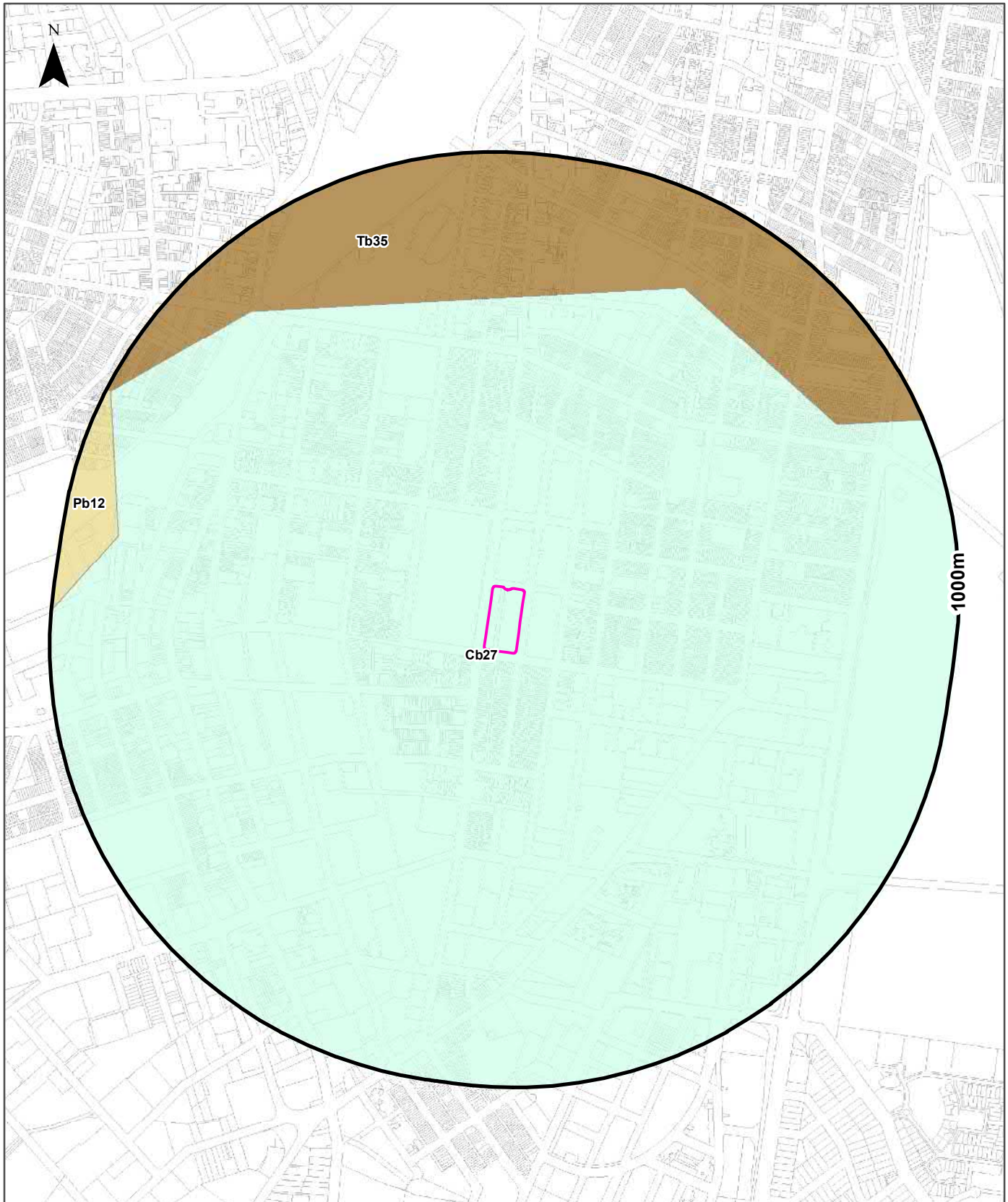
Soil Code	Name	Group	Process	Map Sheet	Scale
AEtg	TUGGERAH		AEOLIAN	Sydney	1:100,000

What are the Soil Landscapes within the dataset buffer?

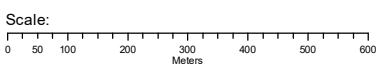
Soil Code	Name	Group	Process	Map Sheet	Scale
AEtg	TUGGERAH		AEOLIAN	Sydney	1:100,000
DTxx	DISTURBED TERRAIN		DISTURBED TERRAIN	Sydney	1:100,000
REbt	BLACKTOWN		RESIDUAL	Sydney	1:100,000

Soils Landscapes Data Source : NSW Office of Environment and Heritage

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Legend		Australian Soil Classification Orders					
Site Boundary	Anthroposol	Dermosol	Kandosol	Podosol	Tenosol	No Data	
Report Buffer	Calcarosol	Ferrosol	Kurosol	Rudosol	Vertosol		
Property Boundary	Chromosol	Hydrosol	Organosol	Sodosol	Lake		



Data Sources: Property Boundaries & Topographic Data:
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Coordinate System:
GDA 1994 MGA Zone 56

Date: 12 March 2018

Soils

600-660 Elizabeth Street, Redfern, NSW 2016

Atlas of Australian Soils

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

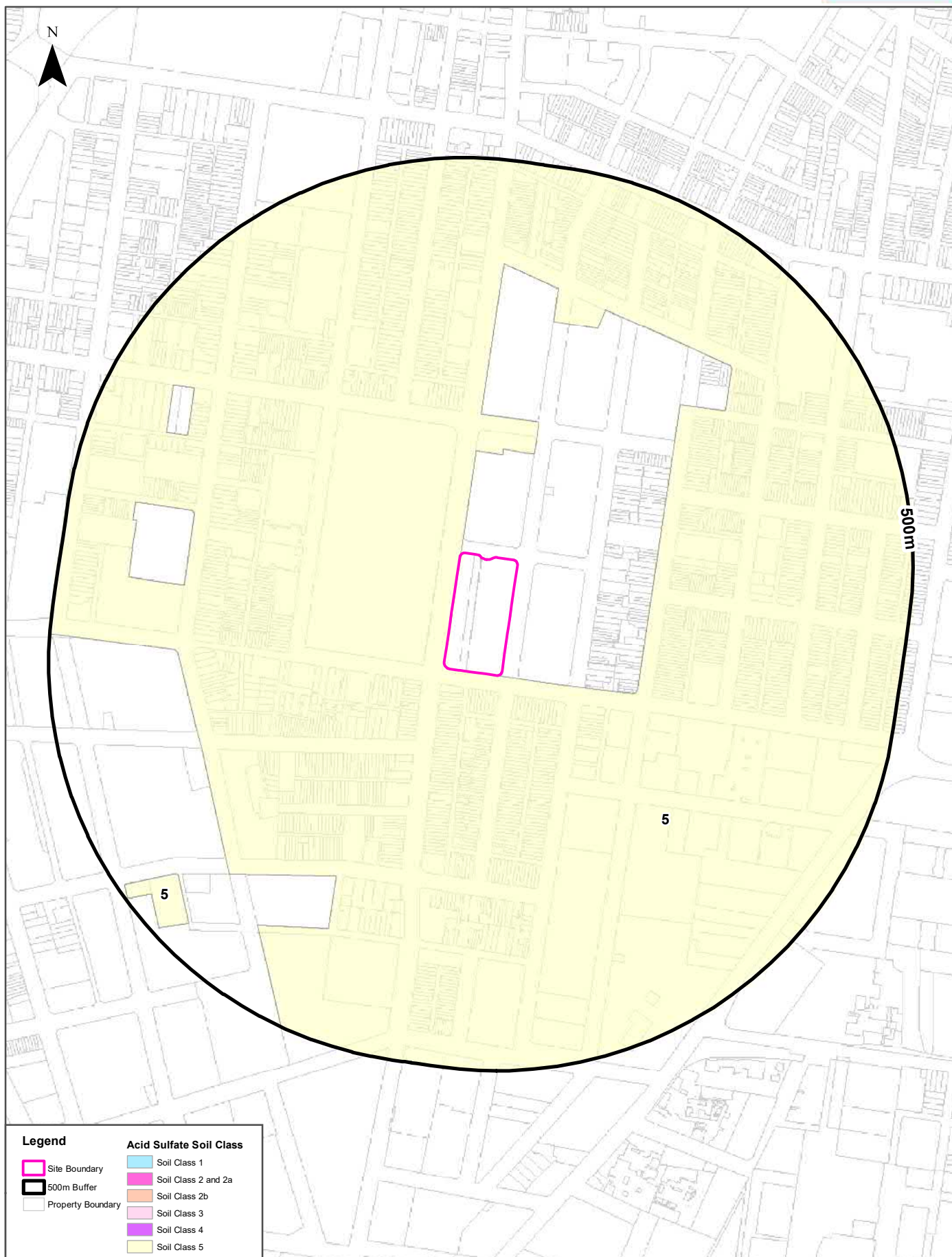
Map Unit Code	Soil Order	Map Unit Description	Distance
Cb27	Podosol	Coastal sand plains and dunes, lagoons, and swampy areas: chief soils are leached sands (Uc2.3 and Uc2.2). Associated are dunes of siliceous sands (Uc1.2) and/or calcareous sands (Uc1.1) fringing the coastline; and swampy areas of (Uf6) soils and (Uc1.2) soils with peaty surfaces. Unit Cb27 has similarities with units Cb28 and Ca6.	0m
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.	663m
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.	871m

Atlas of Australian Soils Data Source: CSIRO

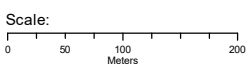
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Acid Sulfate Soils

600-660 Elizabeth Street, Redfern, NSW 2016



Legend	
	Site Boundary
	500m Buffer
	Property Boundary
Acid Sulfate Soil Class	
	Soil Class 1
	Soil Class 2 and 2a
	Soil Class 2b
	Soil Class 3
	Soil Class 4
	Soil Class 5



Data Sources: Property Boundaries & Topographic Data:
© Department Finance, Services & Innovation 2018

Coordinate System:
GDA 1994 MGA Zone 56

Date: 12 March 2018

Acid Sulfate Soils

600-660 Elizabeth 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
5	Works within 500 metres of adjacent Class 1, 2, 3, or 4 land that is below 5 metres AHD and by which the watertable is likely to be lowered below 1 metre AHD on adjacent Class 1, 2, 3 or 4 land, present an environmental risk	Sydney Local Environmental Plan 2012

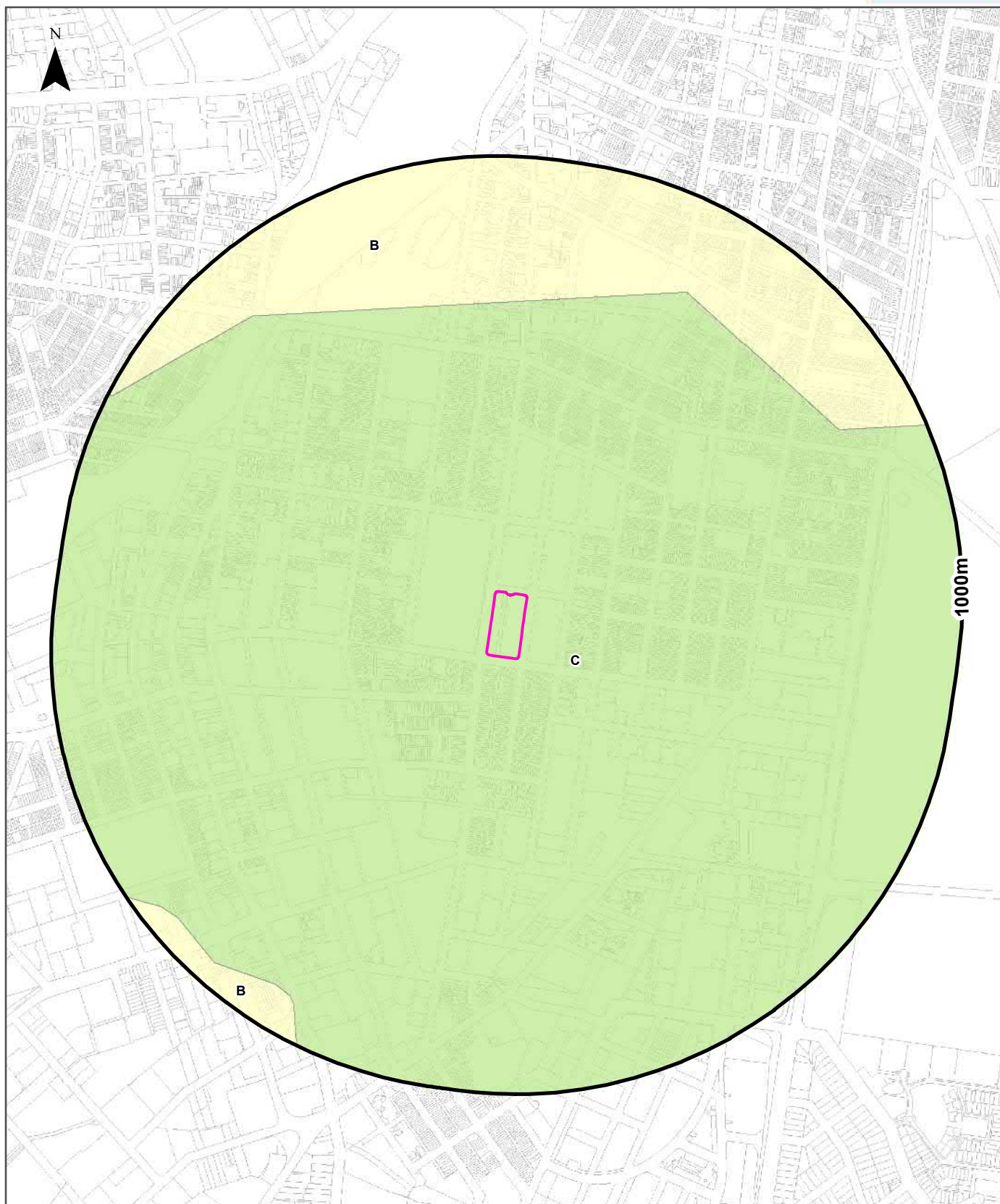
If the on-site Soil Class is 5, what other soil classes exist within 500m?

Soil Class	Description	LEP	Distance	Direction
None				

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

600-660 Elizabeth Street, Redfern, NSW 2016



Legend		Probability of occurrence of Acid Sulfate Soils	
Site Boundary	A. High (>70%)	C. Extremely Low (1-5%)	No Data
Report Buffer	B. Low (6-70%)	D. No Chance (0%)	
Property Boundary			
Scale: 		Data Sources: Property Boundaries & Topographic Data: © Department Finance, Services & Innovation 2018	Coordinate System: GDA 1994 MGA Zone 56
		Date: 12 March 2018	

Acid Sulfate Soils

600-660 Elizabeth 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.	663m

Atlas of Australian Acid Sulfate Soils Data Source: CSIRO

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Dryland Salinity

600-660 Elizabeth 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

600-660 Elizabeth Street, Redfern, NSW 2016

Mining Subsidence Districts

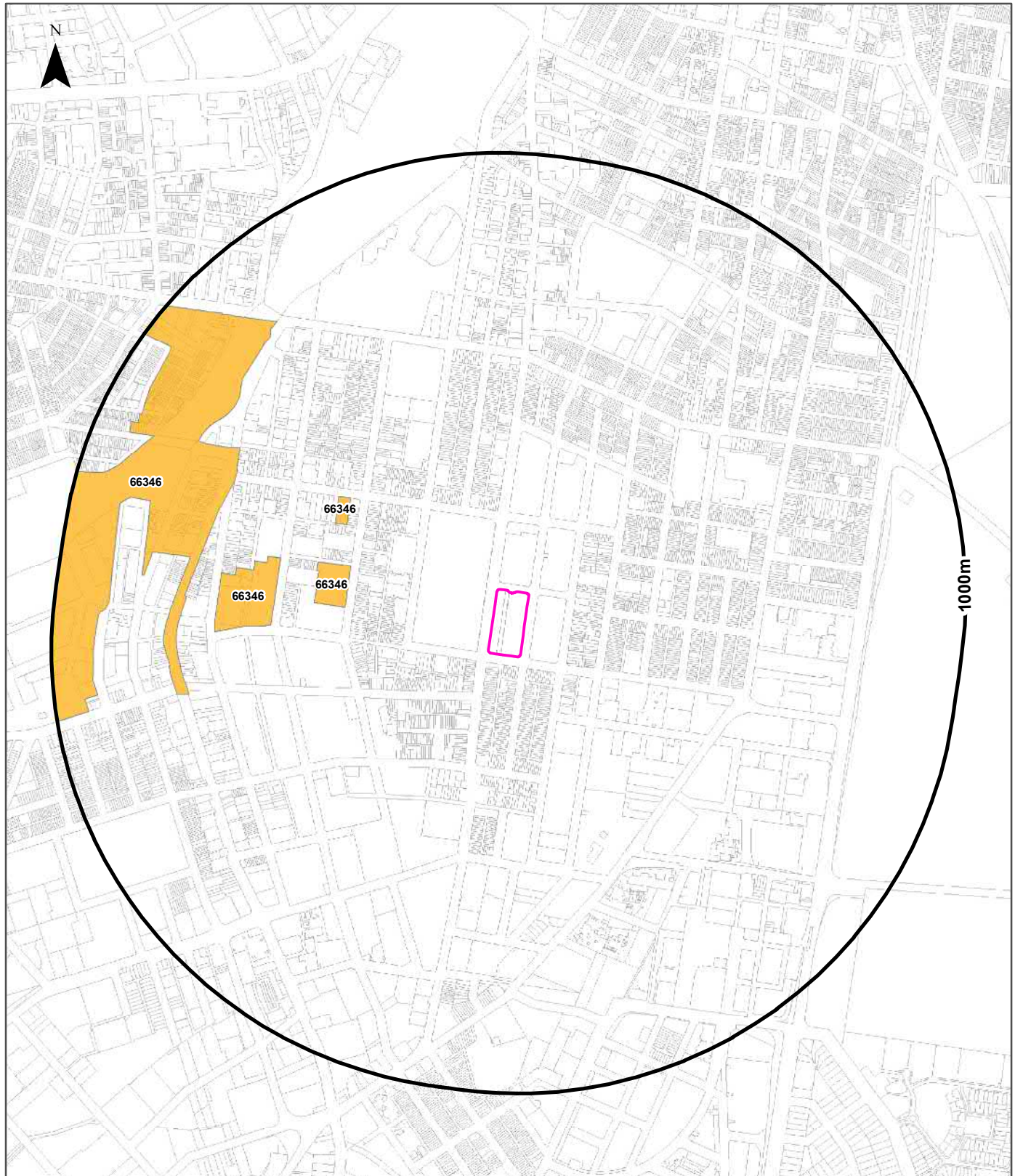
Mining Subsidence Districts within the dataset buffer:

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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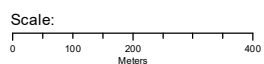
State Environmental Planning Policy

600-660 Elizabeth Street, Redfern, NSW 2016



Legend

- | | | |
|------------------------------|--|---|
| Site Boundary | SEPP 14 - Coastal Wetlands | Strategic Land Use - Future Residential Growth Areas |
| Report Buffer | SEPP 26 - Littoral Rainforests | Strategic Land Use - Additional Rural Village Land |
| Property Boundary | SEPP 71 - Coastal Protection | Strategic Land Use -Biophysical Strategic Agricultural Land |
| SEPP Major Developments 2005 | Strategic Land Use -Critical Industry Cluster (Equine) | Strategic Land Use -Critical Industry Cluster (Viticulture) |



Data Sources: Property Boundaries & Topographic Data:
© Department Finance, Services & Innovation 2018

Coordinate System:
GDA 1994 MGA Zone 56

Date: 12 March 2018

Environmental Zoning

600-660 Elizabeth 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	340m	West

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

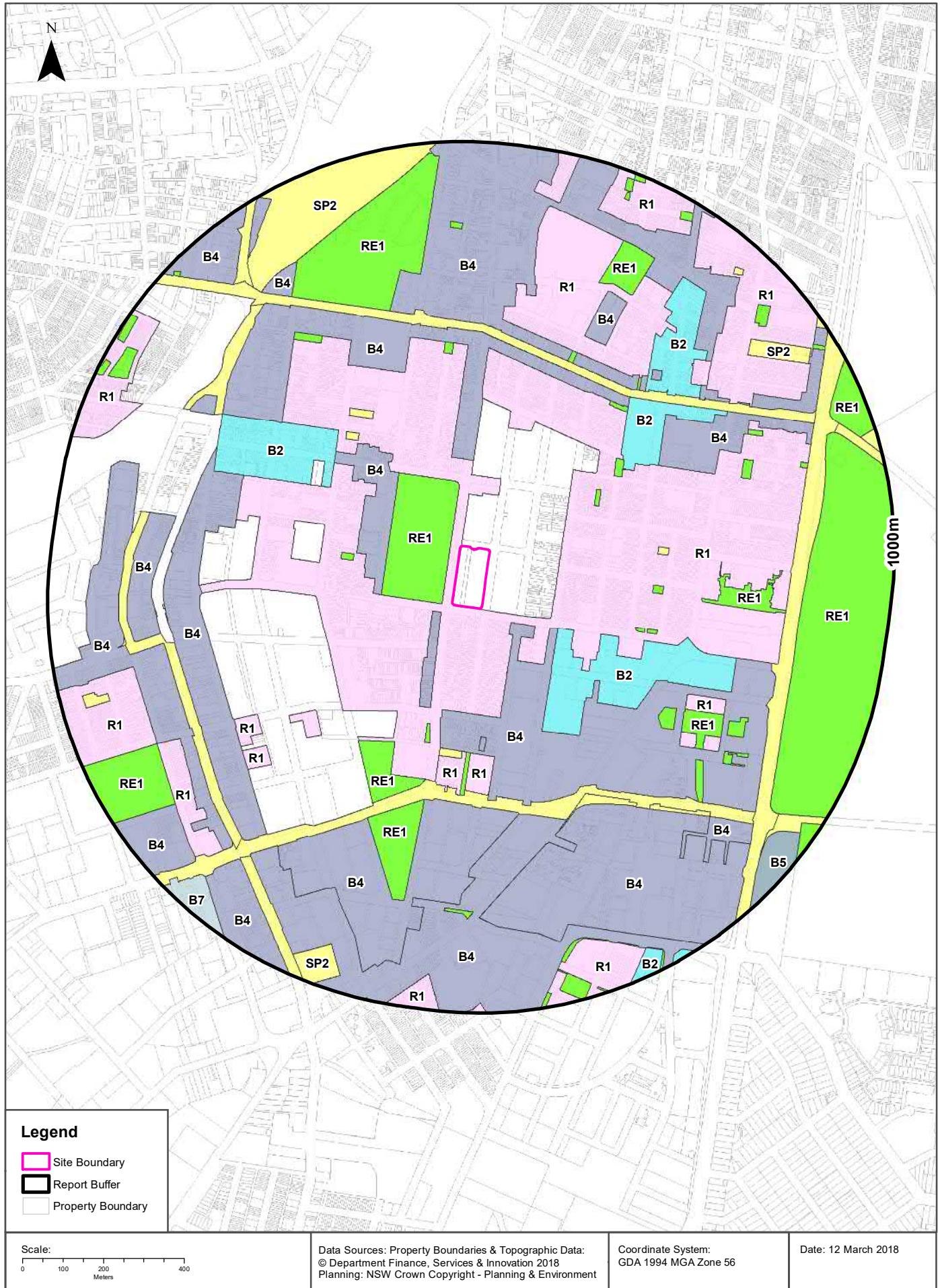
State Environmental Planning Policy Strategic Land Use Areas onsite or within the dataset buffer:

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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LEP Planning Zones

600-660 Elizabeth Street, Redfern, NSW 2016



Local Environmental Plan

600-660 Elizabeth 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
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		0m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		26m	North West
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		36m	South West
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		80m	South East
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		177m	North West
B2	Local Centre		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		194m	South East
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		213m	North West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		258m	West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		282m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		299m	South
B4	Mixed Use		Sydney Local Environmental Plan 2012	19/12/2014	19/12/2014	16/12/2016	Amendment No 13	317m	South
SP2	Infrastructure	Community Facility	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		354m	South
B2	Local Centre		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		355m	North West
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		355m	South
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		356m	South
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		357m	South
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		359m	North East
SP2	Infrastructure	Community Facility	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		366m	North West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		369m	South West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		381m	East
B2	Local Centre		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		386m	North East
SP2	Infrastructure	Community Facility	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		386m	North West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		411m	East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		412m	East
SP2	Infrastructure	Community Facility	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		414m	East
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		429m	South West
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		436m	South West
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		467m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		467m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		476m	North

Zone	Description	Purpose	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
B4	Mixed Use		Sydney Local Environmental Plan 2012	21/11/2014	21/11/2014	16/12/2016	Amendment No 12	480m	South
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		485m	South
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		486m	North
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		506m	North
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		506m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		512m	South East
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		517m	South
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	10/04/2015	10/04/2015	16/12/2016	Amendment No 15	525m	South East
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		534m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		534m	East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		539m	North East
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		543m	North East
B4	Mixed Use		Sydney Local Environmental Plan 2012	10/04/2015	10/04/2015	16/12/2016	Amendment No 15	548m	South East
B2	Local Centre		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		551m	North East
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		552m	South East
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		555m	South West
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		558m	West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		561m	South East
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		579m	North East
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		579m	South West
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		580m	South East
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		582m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		610m	North
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		611m	North West
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		635m	South East
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		639m	North East
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	10/04/2015	10/04/2015	16/12/2016	Amendment No 15	640m	South East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		646m	East
R1	General Residential		Sydney Local Environmental Plan 2012	12/12/2014	12/12/2014	16/12/2016	Amendment No 9	647m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		648m	South East
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		668m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		671m	South East
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		675m	North West
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		686m	West
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		692m	North West
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		692m	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		697m	South East
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		698m	East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		699m	North East
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		703m	West
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		706m	West
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		711m	West
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		712m	West
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		715m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		715m	North East
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		728m	South East
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		730m	West
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		739m	North East
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		742m	South East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		744m	South
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		748m	North West
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		752m	South West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		778m	East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		784m	North
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		794m	East
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		799m	South West
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		800m	West
SP2	Infrastructure	Railways	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		801m	North
SP2	Infrastructure	Educational Establishment	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		801m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		809m	South West
SP2	Infrastructure		Sydney Local Environmental Plan 2012	12/12/2014	12/12/2014	16/12/2016	Amendment No 9	813m	West
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		822m	South West
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		822m	North West
B4	Mixed Use		Sydney Local Environmental Plan 2012	11/04/2014	11/04/2014	16/12/2016	Amendment No 5	845m	South West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		851m	South
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		853m	South
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		860m	North West
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		863m	West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		864m	North East
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		875m	North
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		877m	North East
SP2	Infrastructure	Community Facility	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		881m	West

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		887m	North West
SP2	Infrastructure	Educational Establishment	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		891m	South
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		892m	South East
SP2	Infrastructure	Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		893m	South East
SP2	Infrastructure	Classified Road	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		900m	East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		905m	North East
B5	Business Development		Sydney Local Environmental Plan 2012	12/06/2015	12/06/2015	16/12/2016	Amendment No 17	907m	South East
B7	Business Park		Sydney Local Environmental Plan 2012	12/06/2015	12/06/2015	16/12/2016	Amendment No 17	911m	South West
R1	General Residential		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		911m	South
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		911m	South
SP2	Infrastructure	Community Facility	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		912m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		923m	North West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	11/04/2014	11/04/2014	16/12/2016	Amendment No 5	931m	North
B2	Local Centre		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		933m	South East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		933m	South East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		941m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		944m	North East
B4	Mixed Use		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		948m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	11/04/2014	11/04/2014	16/12/2016	Amendment No 5	952m	North
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		952m	South East
SP2	Infrastructure	Educational Establishment	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		956m	East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		957m	South East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		962m	South
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		965m	North West
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		974m	North West
B2	Local Centre		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		977m	South East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		977m	North West
SP2	Infrastructure	Health Services Facilities	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		977m	North East
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		978m	South
RE1	Public Recreation		Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	16/12/2016		983m	North East
B4	Mixed Use		Sydney Local Environmental Plan (Green Square Town Centre) 2013	13/09/2013	13/09/2013	13/09/2013		995m	South

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Local Environmental Plan

600-660 Elizabeth 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
Included	Sydney Local Environmental Plan 2012	18/09/2015	18/09/2015	18/09/2015	Amendment No 23	0.15

Land Reservation Acquisition

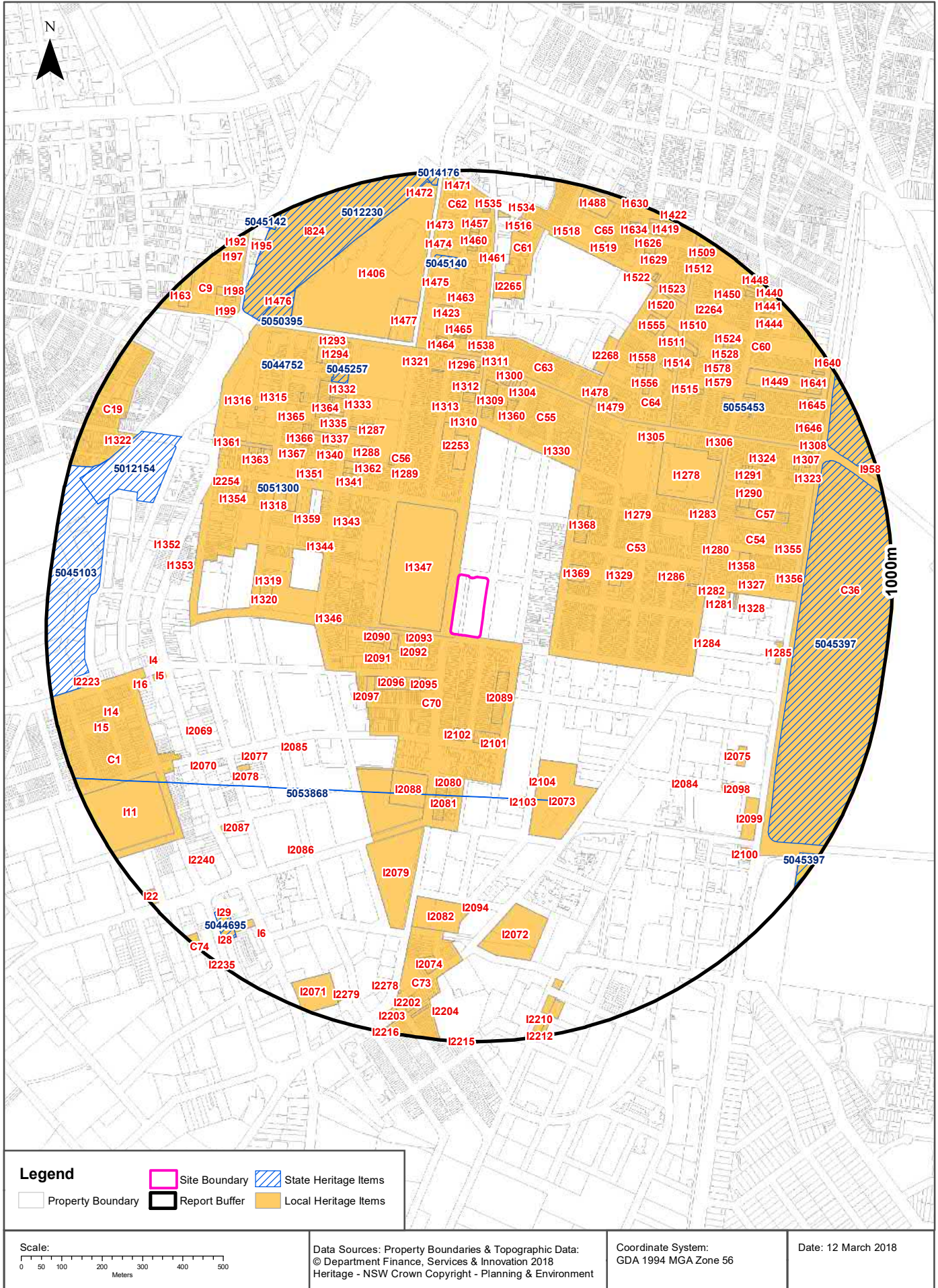
What are the onsite Local Environmental Plan Land Reservation Acquisitions?

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

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Heritage Items

600-660 Elizabeth Street, Redfern, NSW 2016



Heritage

600-660 Elizabeth 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
5053868	Pressure Tunnel and Shafts	Potts Hill	Bankstown	15/11/2002	1630	2046	394m	West
5051300	Redfern Post Office	113 Redfern Street Redfern	Sydney	22/12/2000	1439	2140	485m	North West
5045257	Fitzroy Terrace	6-18 Pitt Street Redfern	Sydney	02/04/1999	83	277	549m	North West
5044752	Redfern Aboriginal Children's Services	18 George Street, Redfern	Sydney	13/07/2015	1951	2670	678m	North West
5050395	Cathedral of the Annunciation of Our Lady	242 Cleveland Street Redfern	Sydney	17/04/2012	1881	2523	748m	North West
5055453	Holy Trinity Greek Orthodox Church	626-630 Bourke Street Surry Hills	Sydney	28/05/2010	1816	2316	755m	North East
5045140	Cleveland House	146-164 Chalmers Street Surry Hills	Sydney	02/04/1999	65	259	757m	North
5012154	Redfern Railway Station group	Great Southern and Western Railway, Redfern	Sydney	02/04/1999	1234	2340	767m	West
5045397	Centennial Park, Moore Park, Queens Park	Randwick, South Sydney and Waverley LGAs, Centennial Park	Randwick	27/03/2000	1384	2257	772m	East
5012230	Sydney Terminal and Central Railway Stations Group	Great Southern and Western Railway; Illawarra Rail, Sydney	Sydney	02/04/1999	1255	2247	801m	North
5045103	Eveleigh Railway Workshops	Great Southern and Western Railway, Redfern	Sydney	02/04/1999	1140	2347	876m	West
5044695	Yiu Ming Temple	16-22 Retreat Street Alexandria	Sydney	24/09/1999	1297	2239	878m	South West
5014176	Railway Institute Building	Chalmers Street, Surry Hills	Sydney	02/04/1999	1257	2248	965m	North
5045142	Mortuary Railway Station and site	Regent Street, Chippendale	Sydney	02/04/1999	157	200	969m	North West

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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
C56	Redfern Estate	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	0m	Onsite
C70	Waterloo	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	0m	South
I1347	Redfern Park	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	25m	North West

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
I2093	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	67m	South West
I2092	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	82m	South West
I2089	Terrace group 'Grosvenor Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	98m	South
I2095	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	128m	South West
I2091	House	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	129m	South West
I2096	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	136m	South West
I2090	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	162m	West
C53	Baptist Street	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	172m	East
I1369	St Saviour's Anglican Church group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	196m	East
I2097	Uniting Church	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	218m	South West
I2102	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	229m	South
I2101	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	230m	South
I1368	Terrace group 'Teleopea Terraces'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	231m	North East
I2253	Former A. Hordern & Sons Factory Complex	Item - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	06/05/2016	259m	North
I1345	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	286m	West
I1346	Somerset Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	286m	West
I1329	Industrial building 'Hodbin Poole Printers'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	297m	East
I1343	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	304m	North West
I1289	Woolpack Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	317m	North West
C55	Cooper Street	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	336m	North
I2073	Former Sydney Water pumping station & valve house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	338m	South East
I1362	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	339m	North West
I1344	Former shop & residence	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	341m	West
I1342	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	342m	North West
I1341	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	346m	North West

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
I2080	Waterloo Town Hall	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	354m	South
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	355m	South
I1330	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	357m	North East
I1326	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	365m	North East
I1339	Redfern Town Hall	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	366m	North West
I2079	Waterloo Park & Oval	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	369m	South West
I2081	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	373m	South
I1288	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	373m	North West
I2104	Electrical substation	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	380m	South
I1359	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	381m	North West
I1279	Flat building 'Edelweiss'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	391m	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	393m	North
I1360	Terrace group 'Zetland Terraces'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	399m	North
I2103	Commercial building part of 'Federation Business Centre' (222 Young Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	407m	South
I1336	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	413m	North West
I1287	Cottage 'Dascom E Cottage'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	413m	North West
I1309	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	420m	North
I1340	Former shop & residence 'Quirk's Store'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	421m	North West
I1313	Church 'The Where Kakakel'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	428m	North
I1350	Shop & residence	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	432m	North West
I1338	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	436m	North West
I1351	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	437m	North 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	437m	North West
I1337	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	444m	North West
I1319	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	451m	West

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
I1320	House 'Clyde House'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	457m	West
I1312	Commercial building 'Stanton Mellick'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	461m	North
I2085	Duke of Wellington Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	462m	South West
I1318	Redfern Telephone Exchange	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	463m	North West
I1278	NSW Mounted Police Barracks & Taoist Association of Australia group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	466m	North East
I1335	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	467m	North West
I1304	Former theatre 'Stage Club'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	468m	North
I1303	Shop & residence group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	472m	North
I1302	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	474m	North
I1301	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	476m	North
I1300	Terrace house 'Evelyn'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	478m	North
I1299	Terrace house 'Saxtonia'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	480m	North
I1334	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	481m	North West
I2079	Waterloo Park & Oval	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	482m	South
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	483m	North
I1349	Redfern Post Office	Item - General	State	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	485m	North West
I1333	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	488m	North West
I1367	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	492m	North West
I1286	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	492m	East
I1366	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	496m	North West
C63	Goodlet Street	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	497m	North
I1311	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	500m	North
C64	High Holborn Street	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	501m	North East
I1296	Commercial building 'Demco Machinery Co'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	502m	North
I1365	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	502m	North West

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
I1321	Electrical substation	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	503m	North
I1364	Terrace group 'Tamworth Terraces'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	507m	North West
I1478	Former commercial building 'Matis Pharmacy'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	510m	North East
I1297	Surrey Club Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	515m	North
I1479	Former Holocaust Museum	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	518m	North East
I1305	Former Bank of NSW	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	520m	North East
I1332	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	520m	North West
C54	Chelsea and Thurlow Streets	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	529m	East
I1284	Former warehouse facade 'Reckitt & Coleman'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	534m	East
I1283	Former house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	536m	East
C62	Cleveland Gardens	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	537m	North
I1282	Terrace group (752-754 Bourke Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	538m	East
I1331	Terrace group 'Fitzroy Terrace'	Item - General	State	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	549m	North West
I1317	Redfern Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	552m	North West
I1538	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	552m	North
I1280	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	558m	East
I1361	Wood Block paving beneath bitumen surface	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	558m	North West
I1464	Terrace group 'Pembroke Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	564m	North
I2254	Electricity Substation No. 112	Item - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	06/05/2016	567m	North West
I1281	Terrace group (45-51 Maddison Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	571m	East
I1363	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	576m	North West
I1354	Former Redfern Municipal Electric Light Station	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	577m	North West
I1357	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	579m	North West
I2268	Former David Jones Factory	Item - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	06/05/2016	580m	North East
I1465	Terrace group 'Cleveland Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	584m	North

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
C60	Moore Park	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	586m	North East
I1477	Former Cleveland Street Public School	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	588m	North
I1465	Terrace group 'Cleveland Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	592m	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	597m	South West
I1556	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	598m	North East
I1294	Park Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	601m	North West
I2078	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	604m	South West
I1328	Terrace house 'Violetta'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	606m	East
I1293	Cottage group 'Tutulla' & 'Tivoli'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	609m	North West
I1327	Terrace house 'Nanine' (39 Maddison Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	611m	East
I1295	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	611m	North West
I1406	Prince Alfred Park	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	611m	North
I1358	Former warehouse 'Done Art & Design Studio'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	616m	East
I2084	Former ACI Chimney Stack	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	621m	South East
I1315	Commercial building 'Star House'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	623m	North West
I1292	House	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	626m	North West
C57	Rennie & Mount Streets	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	627m	East
I1559	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	640m	North East
I2086	Electrical substation	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	644m	South West
I1290	Cottage remnant	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	646m	East
I1423	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	646m	North
I1316	Fence posts on Renwick Street	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	647m	North West
I2069	Congregational Church	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	649m	South West
I1306	Former Cleveland Inn Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	651m	North East
I2082	Former commercial building group 'Chubb Pty Ltd'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	654m	South

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
I1558	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	659m	North East
I1515	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	663m	North East
I2072	Federation Warehouse with Art Deco Additions	Item - General	Local	Sydney Local Environmental Plan 2012	10/04/2015	10/04/2015	06/05/2016	664m	South
I2094	Electrical substation	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	666m	South
I1557	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	669m	North East
I1463	Belvoir Street Baptist Church	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	672m	North
I2075	Former ACI Grissell Building	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	673m	South East
I1353	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	674m	West
I1314	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	678m	North West
I1325	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	679m	North East
I1291	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	681m	North East
I1513	Former Surry Hills Post Office	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	682m	North East
I1579	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	684m	North East
I2070	Cauliflower Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	688m	South West
I2265	Former W. C. Penfold Co. Factory	Item - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	06/05/2016	691m	North
I2087	Terrace group 'Gordon Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	693m	South West
I2076	Former ACI remnant machinery	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	701m	South East
I1352	St Luke's Presbyterian Church	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	706m	West
I5	Former CBC Bank	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	713m	West
I2098	Former ACI Administration Building	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	719m	South East
I1475	Terrace house 'Ravenswood'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	720m	North
I1356	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	721m	East
I1454	Former police station	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	722m	North East
I1285	Former Reschs Waverley Brewery (793 South Dowling Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	722m	East
I4	Cricketers Arms Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	726m	West

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
C73	Zetland Estate	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	730m	South
I1555	Our Lady of Mercy Convent	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	731m	North East
I1324	Semi-detached cottage group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	732m	North East
C1	Alexandria Park	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	733m	South West
I1355	Terrace group 'Park Lane Lodge'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	736m	East
I1511	Shop & residence	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	738m	North East
I1510	Former Premier Picture Theatre	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	740m	North East
I1476	Greek Orthodox Church group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	747m	North West
I1514	House 'St Clair Flats'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	750m	North East
C61	Brumby Street	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	753m	North
I1452	Holy Trinity Greek Orthodox Church	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	755m	North East
C36	Moore Park	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	758m	East
I1462	House 'Cleveland House'	Item - General	State	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	758m	North
I1453	Former stables (1 Ridge Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	759m	North East
I16	Lord Raglan Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	760m	West
I1578	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	763m	North East
I2099	Former ACI AGM Building	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	769m	South East
I1451	House	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	776m	North East
I1520	St Peter's Roman Catholic Church group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	780m	North East
I1530	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	785m	North East
I1529	Terrace group (16-20 Edgely Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	791m	North East
I2074	Terrace group 'Chase Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	795m	South
I1528	Terrace group (14-14A Edgely Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	797m	North East
I824	Central Railway Station group	Item - General	State	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	801m	North
I1449	Bourke Street Public School	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	801m	North East
I1461	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	801m	North

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
I1323	Semi-detached cottage group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	803m	North East
I1474	Welsh Presbyterian Church	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	804m	North
I1527	Terrace house (12 Edgely Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	807m	North East
I11	Alexandria Park	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	809m	South West
I1526	Terrace group (8-10 Edgely Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	811m	North East
I1525	Terrace group (2-6 Edgely Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	818m	North East
I2240	Former Electric Light Substation No. 89	Item - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	06/05/2016	818m	South West
I1460	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	819m	North
I1524	Terrace group (9-15 Pawley Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	828m	North East
I2100	Moore Park View Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	829m	South East
C65	Little Riley Street	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	829m	North
I1307	Bat & Ball Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	831m	North East
I1459	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	837m	North
I1523	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	843m	North East
I1508	Former Hotel Victoria	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	843m	North East
I1522	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	844m	North East
I1521	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	845m	North East
I1458	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	846m	North
I2264	Former Edward Hill & Co Factory	Item - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	06/05/2016	851m	North East
C9	Chippendale	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	853m	North West
I1519	Shakespeare Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	855m	North
I1507	Shop & residence group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	855m	North East
I1517	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	856m	North
I1457	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	856m	North
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	857m	North

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
I1516	Society of Friends (Quaker) Meeting House	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	860m	North
I1646	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	860m	North East
I6	Glenroy Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	861m	South West
I199	Former Mercantile Bank Chambers	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	861m	North West
I2210	Street trees	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	865m	South
C19	Darlington	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	867m	North West
I1308	Ward boundary marker	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	869m	North East
I1518	Former Clarendon Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	870m	North
I2278	Part former William Brooks factory including interiors	Item - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	06/05/2016	878m	South
I29	Terrace group (17A-29 Retreat Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	878m	South West
I15	Alexandria Town Hall	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	881m	West
I14	Former Mayor's Residence	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	881m	West
I1629	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	882m	North East
I198	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	884m	North West
I1534	Former ANZ Bank	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	888m	North
I2083	Former Zetland Tram Terminus (874 Elizabeth Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	890m	South
I2071	Waterloo Public School group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	891m	South
I2223	Alexandria Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	01/04/2016	01/04/2016	06/05/2016	896m	West
I1626	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	896m	North East
I1537	Terrace house (459 Elizabeth Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	897m	North
I1645	Terrace house 'Kinkora'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	897m	North East
I2202	Former fire station	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	899m	South
I1322	Terrace house 'Waratah'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	899m	North West
I2210	Street trees	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	900m	South
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	902m	South West

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
I1644	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	902m	North East
I1536	Terrace house (457 Elizabeth Street)	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	903m	North
I1643	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	906m	North East
I1535	Strawberry Hills Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	910m	North
I1642	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	913m	North East
I1444	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	914m	North East
I1407	Cottage	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	915m	North
I2212	Former Victoria Park Racecourse group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	915m	South
I2204	Terrace house 'Alencon'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	916m	South
I2279	Electricity Substation No.75	Item - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	06/05/2016	918m	South
I1512	Corner shop & residence	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	924m	North East
I1641	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	926m	North East
I1634	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	932m	North East
I2203	Green Square Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	933m	South
I1633	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	938m	North East
I1488	Commercial building 'Reader's Digest'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	938m	North
I1632	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	942m	North East
I1622	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	942m	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	945m	North West
I1442	Corner shop & residence group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	945m	North East
I1450	Former corner shop	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	947m	North East
I1631	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	947m	North East
I195	Co-Masonic Temple	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	947m	North West
I1419	Former St David's Church group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	949m	North East
I1640	Terrace house	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	950m	North East
I1509	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	951m	North East

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
I2210	Street trees	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	953m	South
I1441	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	954m	North East
I958	Sydney Boys High School group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	956m	East
I197	Former Crown Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	957m	North West
I1471	Royal Exhibition Hotel	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	962m	North
I2212	Former Victoria Park Racecourse group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	964m	South
I1621	Former warehouse 'The Boys & Girls Brigade'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	967m	North East
I1472	Commercial building 'Railways Institute'	Item - General	State	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	967m	North
I1448	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	967m	North East
I1440	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	969m	North East
I22	Industrial building	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	969m	South West
I194	Mortuary Railway Station	Item - General	State	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	970m	North West
C74	North Alexandria Industrial	Conservation Area - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	06/05/2016	972m	South West
I1422	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	973m	North East
I192	Item - General	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	981m	North West
I2216	Terrace group 'Elsie Terrace'	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	986m	South
I2235	Former Standard Telephones and Cables	Item - General	Local	Sydney Local Environmental Plan 2012	22/01/2016	22/01/2016	06/05/2016	995m	South West
I2215	Semi-detached cottage group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	997m	South
I1630	Terrace group	Item - General	Local	Sydney Local Environmental Plan 2012	14/12/2012	14/12/2012	06/05/2016	999m	North East

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Natural Hazards

600-660 Elizabeth 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		

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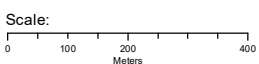
Ecological Constraints - Native Vegetation & RAMSAR Wetlands

600-660 Elizabeth 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 | |



Property Boundary Data Source:
© Department Finance, Services & Innovation 2018

Coordinate System:
GDA 1994 MGA Zone 56

Date: 12 March 2018

Ecological Constraints

600-660 Elizabeth 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	34m	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

600-660 Elizabeth Street, Redfern, NSW 2016

Groundwater Dependent Ecosystems Atlas

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

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

600-660 Elizabeth Street, Redfern, NSW 2016

Inflow Dependent Ecosystems Likelihood

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

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

600-660 Elizabeth 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	Magpie Goose	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Anthochaera phrygia	Regent Honeyeater	Critically Endangered	Not Sensitive	Critically Endangered	
Animalia	Aves	Apus pacificus	Fork-tailed Swift	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	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 poeciloptilus	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	Curllew 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 lathamii	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	Diomedea gibsoni	Gibson's Albatross	Vulnerable	Not Sensitive	Vulnerable	
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	Fregata ariel	Lesser Frigatebird	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Gallinago hardwickii	Latham's Snipe	Not Listed	Not Sensitive	Not Listed	ROKAMBA;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	Macronectes giganteus	Southern Giant Petrel	Endangered	Not Sensitive	Endangered	
Animalia	Aves	Macronectes halli	Northern Giant-Petrel	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Aves	Merops ornatus	Rainbow Bee-eater	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Neophema chrysoaster	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	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
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
Animalia	Aves	Pterodroma leucoptera leucoptera	Gould's Petrel	Vulnerable	Not Sensitive	Endangered	
Animalia	Aves	Ptilinopus regina	Rose-crowned Fruit-Dove	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Ptilinopus superbus	Superb Fruit-Dove	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Stagonopleura guttata	Diamond Firetail	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Stercorarius longicaudus	Long-tailed Jaeger	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Stercorarius parasiticus	Arctic Jaeger	Not Listed	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	Stercorarius pomarinus	Pomarine Jaeger	Not Listed	Not Sensitive	Not Listed	CAMBA;JAMBA
Animalia	Aves	Sterna hirundo	Common Tern	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	Sternula albifrons	Little Tern	Endangered	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	Stictonetta naevosa	Freckled Duck	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Sula dactylatra	Masked Booby	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	Thalassarche chrystoma	Grey-headed Albatross	Not Listed	Not Sensitive	Endangered	
Animalia	Aves	Thalassarche melanophris	Black-browed Albatross	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Aves	Tringa brevipes	Grey-tailed Tattler	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	Tringa glareola	Wood Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	Tringa incana	Wandering Tattler	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Tringa nebularia	Common Greenshank	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	Tringa stagnatilis	Marsh Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	Tryngites subruficollis	Buff-breasted Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	Tyto novaehollandiae	Masked Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Tyto tenebricosa	Sooty Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Xenus cinereus	Terek Sandpiper	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Mammalia	Aepyprymnus rufescens	Rufous Bettong	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Arctocephalus forsteri	New Zealand Fur-seal	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Arctocephalus pusillus doriferus	Australian Fur-seal	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Cercartetus nanus	Eastern Pygmy-possum	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Dasyurus maculatus	Spotted-tailed Quoll	Vulnerable	Not Sensitive	Endangered	
Animalia	Mammalia	Dasyurus viverrinus	Eastern Quoll	Endangered	Not Sensitive	Endangered	
Animalia	Mammalia	Dugong dugon	Dugong	Endangered	Not Sensitive	Not Listed	
Animalia	Mammalia	Eubalaena australis	Southern Right Whale	Endangered	Not Sensitive	Endangered	
Animalia	Mammalia	Falsistrellus tasmaniensis	Eastern False Pipistrelle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Megaptera novaeangliae	Humpback Whale	Vulnerable	Not Sensitive	Vulnerable	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Mammalia	Miniopterus australis	Little Bentwing-bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Miniopterus schreibersii oceanensis	Eastern Bentwing-bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Mormopterus norfolkensis	Eastern Freetail-bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Myotis macropus	Southern Myotis	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Perameles nasuta	Long-nosed Bandicoot	Endangered Population	Not Sensitive	Not Listed	
Animalia	Mammalia	Petaurus norfolcensis	Squirrel Glider	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Pteropus poliocephalus	Grey-headed Flying-fox	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Saccolaimus flaviventris	Yellow-bellied Sheath-tail-bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	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 lanecovensis		Endangered	Not Sensitive	Not Listed	
Fungi	Flora	Hygrocybe reesiaie		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	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Plantae	Flora	<i>Eucalyptus leucoxylon</i> subsp. <i>pruinosa</i>	Boland Yellow Gum	Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	<i>Eucalyptus nicholii</i>	Narrow-leaved Black Peppermint	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Eucalyptus pulverulenta</i>	Silver-leaved Gum	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Eucalyptus scoparia</i>	Wallangarra White Gum	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Genoplesium baueri</i>	Bauer's Midge Orchid	Endangered	Category 2	Endangered	
Plantae	Flora	<i>Grammitis stenophylla</i>	Narrow-leaf Finger Fern	Endangered	Category 3	Not Listed	
Plantae	Flora	<i>Grevillea caleyi</i>	Caley's Grevillea	Critically Endangered	Category 3	Endangered	
Plantae	Flora	<i>Hibbertia puberula</i>		Endangered	Not Sensitive	Not Listed	
Plantae	Flora	<i>Leptospermum deanei</i>		Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Macadamia integrifolia</i>	Macadamia Nut	Not Listed	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Macadamia tetraphylla</i>	Rough-shelled Bush Nut	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Melaleuca biconvexa</i>	Biconvex Paperbark	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Melaleuca deanei</i>	Deane's Paperbark	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Persoonia hirsuta</i>	Hairy Geebung	Endangered	Category 3	Endangered	
Plantae	Flora	<i>Persoonia nutans</i>	Nodding Geebung	Endangered	Not Sensitive	Endangered	
Plantae	Flora	<i>Pimelea curviflora</i> subsp. <i>curviflora</i>		Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Pimelea spicata</i>	Spiked Rice-flower	Endangered	Not Sensitive	Endangered	
Plantae	Flora	<i>Prasophyllum fuscum</i>	Slaty Leek Orchid	Critically Endangered	Category 2	Vulnerable	
Plantae	Flora	<i>Prostanthera marifolia</i>	Seaforth Mintbush	Critically Endangered	Category 3	Critically Endangered	
Plantae	Flora	<i>Pultenaea parviflora</i>		Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Senecio spathulatus</i>	Coast Groundsel	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	<i>Syzygium paniculatum</i>	Magenta Lilly Pilly	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Tetratheca glandulosa</i>		Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	<i>Tetratheca juncea</i>	Black-eyed Susan	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Thesium australe</i>	Austral Toadflax	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Triplarina imbricata</i>	Creek Triplarina	Endangered	Not Sensitive	Endangered	
Plantae	Flora	<i>Wilsonia backhousei</i>	Narrow-leaved 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 12/03/2018

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Appendix C

Section 149 Certificates

City of Sydney
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PLANNING CERTIFICATE

Under Section 10.7 of the Environmental Planning and Assessment Act, 1979

Applicant:	LOTSEARCH PTY LTD
Applicant's reference:	LS002993
Address of property:	600-614 Elizabeth Street , REDFERN NSW 2016
Owner:	NEW SOUTH WALES LAND AND HOUSING CORPORATION
Description of land:	Part Lot 3 DP 456634, Part Lot 4 DP 456634, Part Lot 5 DP 456634
Certificate No.:	2018301503
Certificate Date:	9/03/18
Receipt No:	114512
Fee:	\$80.00
Paid:	9/03/18

Title information and description of land are provided from data supplied by the Valuer General and shown where available.

Issuing Officer
per **Monica Barone**
Chief Executive Officer

CERTIFICATE ENQUIRIES:

Ph: 9265 9333
Fax: 9265 9415

city of villages

**PLANNING CERTIFICATE UNDER SECTION 10.7 (2) OF THE ENVIRONMENTAL
PLANNING AND ASSESSMENT ACT, 1979**

**MATTERS AFFECTING THE LAND AS PRESCRIBED BY SCHEDULE 4 -
ENVIRONMENTAL PLANNING & ASSESSMENT REGULATION, 2000, CLAUSES (1) - (2).**

DEVELOPMENT CONTROLS

The following information must be read in conjunction with and subject to all other provisions of the environmental planning instruments specified in this certificate.

ZONING

**Zoned 2(B) the Residential (Medium Density) Zone - Clause 12 South Sydney Local
Environmental Plan 1998**

- (1) The objectives of Zone No 2 (b) are:
- (a) to enhance the amenity of existing medium density residential areas, and
 - (b) to nominate those localities which are primarily residential and where future residential development is likely to occur, and
 - (c) to ensure that building form including alterations and additions, is in character with the surrounding built environment and does not detract from the amenity enjoyed by nearby residents or the existing quality of the environment, and
 - (d) to provide limited opportunities for non-residential development which provides goods, services or employment for residents and is of a type and scale that is compatible with existing or planned residential development and does not detract from the amenity enjoyed by nearby residents or the existing quality of the environment, and
 - (e) to facilitate a higher density and diverse forms of residential development on appropriate sites, and
 - (f) to facilitate opportunities for small scale local business activity which is compatible with existing residential areas.

- (2) Development which does not require development consent:
Development listed as Exempt in *South Sydney Development Control Plan 1999 – Exempt and Complying Development*.

- (3) Development which requires development consent:
Development for the purpose of:
bed and breakfasts; boarding houses; child care centres; community centres; dwelling houses; educational establishments; home industries; hospitals; local businesses; local shops; multiple dwellings; places of public worship; professional consulting rooms; public buildings; roads; temporary buildings.

Any other development not included in subclause (2).

Notes:

The consequences of carrying out development in this zone without development consent are the same as for carrying out prohibited development, unless the development is allowed to be carried out without consent by an Act, this plan or another environmental planning instrument. Clause 10 of *South Sydney Local Environmental Plan 1998* provides that such a development consent must not be granted unless the Council is of the opinion that the proposed development is consistent with the objectives of this zone.

**Special Provisions – Clause 46 (Amusement Centres)
(South Sydney Local Environmental Plan 1998 (as amended) – Gazetted 24/4/1998)**

Despite Part 3, SS LEP 1998, development for the purpose of an amusement centre is prohibited on any land:

- a) Within Zone No 3 having a boundary adjoining Oxford Street, or
- b) Within Zone No 3 and Zone 10 having a boundary adjoining King Street, or
- c) within the area bounded by Victoria Street, Orwell Street, Macleay Street, Fitzroy Gardens, Ward Avenue and Kings Cross Road.

PROPOSED ZONING

This property is not affected by a draft zone.

LOCAL PLANNING CONTROLS

South Sydney Local Environmental Plan 1998 (Gazetted 28.04.1998, as amended)

South Sydney Development Control Plan 1997: Urban Design (in force on 02.07.1997, as amended)

Development Control Plan No. 11 – Transport Guidelines for Development 1996 (Adopted 08.05.1996)

Development Control Plan – Exempt and Complying Development 1999 (Adopted 23.02.2000 and in force on 01.08.2000)

Development Control Plan for Orders (Adopted 09.12.1998)

City of Sydney Contaminated Land Development Control Plan 2004 (in force on 28.06.2004)

City of Sydney Access Development Control Plan 2004 (in force on 28.06.2004)

City of Sydney Convenience Store Development Control Plan 2004 (date of commencement – 24.09.2004)

City of Sydney Boarding Houses Development Control Plan 2004 (date of commencement – 12.01.2005)

City of Sydney Notification of Planning and Development Applications Development Control Plan 2005 (commenced 18.05.2005)

City of Sydney Child Care Centres Development Control Plan 2005 (commenced 10.10.2005)

City of Sydney Adult Entertainment and Sex Industry Premises Development Control Plan 2006 (commenced 18.04.06)

City of Sydney Heritage Development Control Plan 2006 (commenced 02.01.07)

City of Sydney Signage and Advertising Structures Development Control Plan 2005 (commenced 28.03.2005)

City of Sydney Visitor and Tourist Accommodation Development Control Plan 2006 (commenced 24.03.2006)

City of Sydney Telecommunications and Radiocommunications Development Control Plan 2006 (commenced 14.08.2006)

City of Sydney Late Night Trading Premises Development Control Plan 2007 (commenced 01.01.2008)

HERITAGE

State Heritage Register (Amendment To Heritage Act, 1977 Gazetted 2/4/99)

This property may be identified as being of state heritage significance, and entered on the State Heritage Register.

To confirm whether the site is listed under the Heritage Act 1977 a Section 167 Certificate should be obtained from the NSW Heritage Office by contacting the NSW Heritage office on (02) 9873 8500 for an application from or by downloading the application form from www.heritage.nsw.gov.au

STATE PLANNING INSTRUMENTS

Full copies of State Environmental Planning Policies are available online at www.planning.nsw.gov.au.

State Environmental Planning Policy No. 1 – Development Standards

This policy makes development standards more flexible. It allows Council to approve a development proposal that does not comply with a set standard where this can be shown to be unreasonable or unnecessary.

State Environmental Planning Policy No. 19 – Bushland in Urban Areas

This is a policy to protect and preserve bushland within certain urban areas, as part of the natural heritage or for recreational, educational and scientific purposes. This policy is designed to protect bushland in public open space zones and reservations, and to ensure that bush preservation is given a high priority when local environmental plans for urban development are prepared.

State Environmental Planning Policy No. 32 – Urban Consolidation

This policy implements the principles of urban consolidation, including the orderly, economic use and development of land. The policy enables urban land which is no longer required for the purpose for which it is currently zoned or used to be redeveloped for multi-unit housing and related development.

State Environmental Planning Policy No. 33 – Hazardous and Offensive Development

This policy aims to amend the definitions of hazardous and offensive industries; to render ineffective any environmental planning instruments not defining hazardous or offensive as per this policy; to control development of hazardous and offensive industries.

State Environmental Planning Policy No. 55 – Remediation of Land

This policy provides planning controls for the remediation of contaminated land. The policy states that land must not be developed if it is unsuitable for a proposed use because it is contaminated. If the land is unsuitable, remediation must take place before the land is developed. The policy makes remediation permissible across the State, defines when consent is required, requires all remediation to comply with standards, ensures land is investigated if contamination is suspected, and requires councils to be notified of all remediation proposals. To assist councils and developers, the Department, in conjunction with the Environment Protection Authority, has prepared Managing Land Contamination: Planning Guidelines.

State Environmental Planning Policy No. 64 – Advertising and Signage

This policy aims to ensure that signage (including advertising):

Is compatible with the desired amenity and visual character of an area, and

- Provides effective communications in suitable locations, and
- Is of a high quality design and finish.

To this end the policy regulates signage (but not content) under Part 4 of the Act and provides limited time consents for the display of certain advertisements. The policy does not apply to signage that is exempt development under an environmental planning instrument. It does apply to all signage that can be displayed with or without consent and is visible from any public place or reserve, except as provided by the policy.

This policy should be read in conjunction with the Sydney Local Environmental Plan 2005, the City of Sydney Signage and Advertising Structures Development Control Plan 2005 and State Environmental Planning Policy No. 60 where these apply.

State Environmental Planning Policy No. 65 – Design Quality of Residential Flat Buildings

This policy aims to improve the design quality of flats of three or more storeys with four or more self contained dwellings. The policy sets out a series of design principles for local councils to consider when assessing development proposals for residential flat development. The policy also creates a role for an independent design review panel and requires the involvement of a qualified designer in the design and approval process.

State Environmental Planning Policy No.70 – Affordable Housing (Revised Schemes) (Gazetted 31.05.02)

The policy identifies that there is a need for affordable housing in the City of Sydney, describes the kinds of households for which affordable housing may be provided and makes a requirement with respect to the imposition of conditions relating to the provision of affordable housing (provided other requirements under the Act are met).

State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004

This Policy does not apply to land described in Schedule 1 (Environmentally sensitive land), or land that is zoned for industrial purposes, or land to which an interim heritage order made under the *Heritage Act 1997* by the Minister administering that Act applies, or land to which a listing on the State Heritage Register kept under the *Heritage Act 1997* applies.

The Policy aims to encourage the provision of housing (including residential care facilities) that will increase the supply and diversity of residences that meet the needs of seniors or people with a disability, and make efficient use of existing infrastructure and services, and be of good design.

State Environmental Planning Policy (Building Sustainability Index: BASIX) 2004

Aims to ensure consistency in the implementation of the BASIX scheme throughout the State. This Policy achieves its aim by overriding provisions of other environmental planning instruments and development control plans that would otherwise add to, subtract from or modify any obligations arising under the BASIX scheme.

State Environmental Planning Policy (State Significant Precincts) 2005

This Policy aims to identify development of economic, social or environmental significance to the State or regions of the State so as to provide a consistent and comprehensive assessment and decision making process for that development.

NB: This SEPP also contains exempt & complying provisions

State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007

This Policy aims to provide for the proper management and development of mineral, petroleum and extractive material resources for the social and economic welfare of the State.

State Environmental Planning Policy (Temporary Structures and Places of Public Entertainment) 2007

This Policy aims to ensure that suitable provision is made for ensuring the safety of persons using temporary structures or places of public entertainment.

State Environmental Planning Policy (Infrastructure) 2007

This Policy aims to facilitate the effective delivery of infrastructure across the state.

NB: This SEPP also contains exempt & complying provisions

State Environmental Planning Policy (Repeal of Concurrence and Referral Provisions) 2008

This Policy is an 'amending instrument' that removes or modifies referral and concurrence clauses within local environmental plans (LEPs), regional environmental plans (REPs) and State environmental planning policies (SEPPs).

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

This Policy Streamlines assessment processes for development that complies with specified development standards. The policy provides exempt and complying development codes that have State-wide application, identifying, in the General Exempt Development Code, types of development that are of minimal environmental impact that may be carried out without the need for development consent; and, in the General Housing Code, types of complying development that may be carried out in accordance with a complying development certificate as defined in the Environmental Planning and Assessment Act 1979.

State Environmental Planning Policy (Affordable Rental Housing) 2009

Establishes a consistent planning regime for the provision of affordable rental housing. The policy provides incentives for new affordable rental housing, facilitates the retention of existing affordable rentals, and expands the role of not-for-profit providers. It also aims to support local centres by providing housing for workers close to places of work, and facilitate development of housing for the homeless and other disadvantaged people. NOTE: Does not apply to land at Green Square or at Ultimo Pyrmont, or on southern employment land.

State Environmental Planning Policy (Urban Renewal) 2010

The aims of this Policy are as follows:

- (a) to establish the process for assessing and identifying sites as urban renewal precincts,
- (b) to facilitate the orderly and economic development and redevelopment of sites in and around urban renewal precincts,
- (c) to facilitate delivery of the objectives of any applicable government State, regional or metropolitan strategies connected with the renewal of urban areas that are accessible by public transport.

State Environmental Planning Policy (State and Regional Development) 2011

The aims of this Policy are as follows:

- (a) to identify development that is State significant development,
- (b) to identify development that is State significant infrastructure and critical State significant infrastructure,
- (c) to confer functions on joint regional planning panels to determine development applications.

State Environmental Planning Policy (Vegetation in Non-Rural Areas) 2017

The aims of this Policy are:

- (a) to protect the biodiversity values of trees and other vegetation in non-rural areas of the State, and
- (b) to preserve the amenity of non-rural areas of the State through the preservation of trees and other vegetation.

State Environmental Planning Policy (Educational Establishments and Child Care Facilities) 2017

The aim of this Policy is to facilitate the effective delivery of educational establishments and early education and care facilities across the state.

Sydney Regional Environmental Plan (Sydney Harbour Catchment) 2005

This plan applies to land within the Sydney Harbour Catchment, as shown edged heavy black on the Sydney Harbour Catchment Map, being part of the Sydney Region declared by order published in Gazette No 38 of 7 April 1989 at page 1841.

This plan has the following aims with respect to the Sydney Harbour Catchment: to ensure that the catchment, foreshores, waterways and islands of Sydney Harbour are recognised, protected and maintained: as outstanding natural asset, and as a public asset of national and heritage significance, for existing and future generations; to ensure a healthy, sustainable environment on land and water; to achieve a high quality urban environment; to ensure a prosperous working waterfront and an effective transport corridor, to encourage a culturally rich and vibrant place for people; to ensure accessibility to and along Sydney Harbour and its foreshores; to ensure the protection, maintenance and rehabilitation of watercourses, wetlands, riparian lands, remnant vegetation and ecological connectivity, to provide a consolidated, simplified and updated legislative framework for future planning.

**OTHER MATTERS AFFECTING THE LAND AS PRESCRIBED BY SCHEDULE 4 -
E. P. & A. REGULATION, 2000. CLAUSES (3) - (10)**

(3) Complying Development

- (1) The extent to which the land is land on which complying development may be carried out under each of the codes for complying development because of the provisions of clauses 1.17A (1) (c) to (e), (2), (3) and (4), 1.18(1)(c3) and 1.19 of *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*.
- (2) The extent to which complying development may not be carried out on that land because of the provisions of clauses 1.17A (1) (c) to (e), (2), (3) and (4), 1.18(1)(c3) and 1.19 of that Policy and the reasons why it may not be carried out under those clauses.
- (3) If the council does not have sufficient information to ascertain the extent to which complying development may or may not be carried out on the land, a statement that a restriction applies to the land, but it may not apply to all of the land, and that council does not have sufficient information to ascertain the extent to which complying development may or may not be carried out on the land.

Note: All Exempt and Complying Development Codes: Council does not have sufficient information to ascertain the extent of a land based exclusion on a property. Despite any statement preventing the carrying out of complying development in the Codes listed below, complying development may still be carried out providing the development is not on the land affected by the exclusion and meets the requirements and standards of *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*.

General Housing Code & Commercial and Industrial (New Buildings and Additions) Code

Complying development **may not** be carried out on the land under the General Housing Code & the Commercial and Industrial (New Buildings and Additions) Code if because of the provisions of clause 1.17A, 1.18(1)(c3) & 1.19 (Land-based requirements for exempt and complying development) any of the following statements are **YES**

<ul style="list-style-type: none"> ▪ Clause 1.19(5)d. Land that is significantly contaminated land within the meaning of the Contaminated Land Management Act 1997. (Applies only to the Commercial and Industrial (New Buildings and Additions) Code. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.17A(d). Has been identified as a property that comprises, or on which there is, an item that is listed on the State Heritage Register under the <i>Heritage Act 1977</i> or that is subject to an interim heritage order under the <i>Heritage Act 1977</i>. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.17A(d) & 1.18(1)(c3). Has been identified as a property that comprises, or on which there is, a heritage item or draft heritage item. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.17A(c). Has been identified as being within a wilderness area (identified under the <i>Wilderness Act 1987</i>). 	NO
<ul style="list-style-type: none"> ▪ Clause 1.17A(e) & 1.19(1)e or 1.19(5)f. Has been identified as land that is within an environmentally sensitive area or by an environmental planning instrument as being within a buffer area, a river front area, an ecologically sensitive area, environmentally sensitive land or a protected area 	NO
<ul style="list-style-type: none"> ▪ Clause 1.19(1)a.or 1.19(5)a Has been identified as being within a heritage conservation area or a draft heritage conservation area. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.19(1)b or 1.19(5)b. Has been identified as being land that is reserved for a public purpose in an environmental planning instrument. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.19(1)c or 1.19(5)c. Has been identified as being on an Acid Sulfate Soils Map as being Class 1 or Class 2. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.19(1)d or 1.19(5)e. Has been identified as land that is subject to a biobanking agreement under part 7A of the threatened Species Conservation Act 1995 or a property vegetation plan under the Native Vegetation Act 2003. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.19(1)f or 1.19(5)g. Has been identified by an environmental planning instrument, a development control plan or a policy adopted by the Council as being or affected by a coastline hazard, a coastal hazard or a coastal erosion hazard. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.19(1)g or 1.19(5)h. Has been identified as being land in a foreshore area. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.19(1)h. Has been identified as land that is in the 25 ANEF contour or a higher ANEF contour. (Applies only to the General Housing Code) 	NO
<ul style="list-style-type: none"> ▪ Clause 1.19(1)j or 1.19(5)i. Has been identified as unsewered land within a drinking water catchment. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.19(1)i. Has been identified as land that is declared to be a special area under the Sydney Water Catchment Management Act 1998. 	NO

Housing Alterations Code

Complying development under the Housing Alterations Code **may** be carried out on the land.

Commercial and Industrial Alterations Code

Complying development under the Commercial and Industrial Alterations Code **may** be carried out on the land.

Subdivisions Code

Complying development under the Subdivisions Code **may** be carried out on the land.

Rural Housing Code

The Rural Housing Code does not apply to this Local Government Area.

General Development Code

Complying development under the General Development Code **may** be carried out on the land.

Demolition Code

Complying development under the Demolition Code **may** be carried out on the land.

(4) Coastal Protection Act, 1979

The council has not been notified by the department of public works that the land is affected by the operation of section 38 or 39 of the coastal protection act, 1979.

(4A) Certain information relating to beaches and coasts

(1) In relation to a coastal council an order has **not** been made under Part 4D of the coastal Protection Act 1979 in relation to temporary coastal protection works (within the meaning of that Act) on the land (or on public land adjacent to that land).

(2) In relation to a coastal council : Council has **not** been notified under section 55X of the Coastal Protection Act 1979 that temporary coastal protection works (within the meaning of that Act) have been placed on the land (or on public land adjacent to that land)

(4B) Annual charges under Local Government Act 1993 for coastal protection services that relate to existing coastal protection works

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

Note. “Existing coastal protection works” are works to reduce the impact of coastal hazards on land (such as seawalls, revetments, groynes and beach nourishment) that existed before the commencement of section 553B of the Local Government Act 1993.

(5) Mine Subsidence District

This land has not been proclaimed to be a mine subsidence district within the meaning of section 15 of the mine subsidence compensation act, 1961.

(6) Road Widening and/or Road Realignment affected by (a) Division 2 of Part 3 of the Roads act 1993 or (c) any resolution of council or other authority.

This land **is not** affected by road widening and/or road realignment under section 25 of the Roads Act, 1993 and/or resolution of Council or any other authority.

(6) Road Widening and/or Road Realignment Affected by (b) any environmental planning instrument.

This land **is not** affected by any road widening or road realignment under any planning instrument.

(7) Council and other public authorities policies on hazard risk restrictions:

- (a) The land **is** affected by the **City of Sydney Contaminated Land Development Control Plan 2004** adopted by the Council which may restrict the land if the potential for the risk of land contamination exists; and
- (b) The land **is not** affected by a policy adopted by any other public authority and notified to the council for the express purpose of its adoption by that authority being referred to on planning certificate issued by Council, that restricts the development of the land because of the likelihood of land slip, bushfire, flooding, tidal inundation, subsidence, acid sulphate soils or any other risk.

(7A) Flood related development controls information.

The development on this land or part of this land is subject to flood related development controls refer to Clause 38 of South Sydney Local Environment Plan 1998 and Part E Clause 1.7 of the South Sydney Development Control Plan 1997.

(8) Land reserved for acquisition

No environmental planning instrument, or proposed environmental planning instrument applying to the land, provides for the acquisition of the land by a public authority, as referred to in section 27 of the Act.

(9) Contribution plans

The following Contributions Plans apply to properties within the City of Sydney local government area. Contributions plans marked **YES** may apply to this property:

<ul style="list-style-type: none"> ▪ Central Sydney Development Contributions Plan 2013 – in operation 9th July 2013 	NO
<ul style="list-style-type: none"> ▪ City of Sydney Development Contributions Plan 2015 – in operation 1st July 2016 	YES
<ul style="list-style-type: none"> ▪ Redfern Waterloo Authority Contributions Plan 2006 – in operation 16th May 2007 ▪ Redfern Waterloo Authority Affordable Housing Contributions Plan – in operation 16th May 2007 	NO

(9A) Biodiversity certified land

The land has not been certified as biodiversity certified land.

(10) Biobanking Agreement

Council has not been notified of a biobanking agreement under Part 7A of the Threatened Species Conservation Act 1995.

(11) Bush fire prone land

The land has not been identified as Bush fire prone land.

(12) Property vegetation plans

Not Applicable.

(13) Orders under Trees (Disputes Between Neighbours) Act 2006

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

(14) Directions under Part 3A

Not Applicable.

(15) Site compatibility certificates and conditions for seniors housing

(a) The land to which the certificate relates is not subject to a current site compatibility certificate (seniors housing), of which Council is aware, in respect of proposed development on the land.

(b) The land to which the certificate relates is not subject to any condition of consent to a development application granted after 11 October 2007 required by State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004.

(16) Site compatibility certificates for infrastructure

The land to which the certificate relates is not subject to a valid site compatibility certificate (infrastructure), of which Council is aware, in respect of proposed development on the land.

(17) Site compatibility certificates and conditions for affordable rental housing

(a) The land to which the certificate relates is not subject to a current site compatibility certificate (affordable rental housing), of which Council is aware, in respect of proposed development on the land.

(b) The land to which the certificate relates is not subject to any terms of a kind referred to in clause 17(1) or 37(1) of State Environmental Planning Policy (Affordable Rental Housing) 2009 that have been imposed as a condition of consent to a development application in respect of the land.

(18) Paper subdivision information

Not Applicable.

(19) Site verification certificates

The land to which the certificate relates is not subject to a valid site verification certificate of which Council is aware.

(20) Loose-fill asbestos insulation

Not Applicable

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

(a) The land to which the certificate relates **is not** declared to be **significantly contaminated land** within the meaning of that act as at the date when the certificate is issued.

(b) The land to which the certificate relates **is not** subject to a **management order** within the meaning of that act as at the date when the certificate is issued.

(c) The land to which the certificate relates **is not** the subject of an **approved voluntary management proposal** within the meaning of that act at the date the certificate is issued.

(d) The land to which the certificate relates **is not** the subject of an **ongoing maintenance order** within the meaning of that act as at the date when the certificate is issued.

(e) The land to which the certificate relates **is** the subject of a **site audit statement** within the meaning of that act, a copy of which has been provided to Council.

PLANNING CERTIFICATE SECTION 10.7 (2) INFORMATION:

Information provided in accordance with planning certificate section 10.7 (2) has been taken from council's records and advice from other authorities but council disclaims all liability for any omission or inaccuracy in the information. Specific inquiry should be made where doubt exists.

PLANNING CERTIFICATE UNDER SECTION 10.7 (5) OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979

PLANNING CERTIFICATE SECTION 10.7 (5) ADVICE is current as at 12:00 noon two working days prior to the date of issue of this certificate. The following matters have been considered & details provided where information exists: easements in favour of council; parking permit scheme; heritage floor space restrictions; low-rental residential building; foreshore building line; tree preservation order.

Contaminated Land Potential:

The land the subject of this s.149(5) Certificate contains, or has contained, contaminants identified in one or more reports or records held by Council. Further information may be sought through the City's document access procedures.

Hazard Risk Restriction:

The City of Sydney Local Environmental Plan 2012 incorporates Acid Sulfate soil maps. Development on the land identified in those maps should have regard to Division 4 clause 7.16 of the LEP.

Construction Noise and View Loss Advice:

Intending purchasers are advised that the subject property may be affected by construction noise and loss or diminution of views as a result of surrounding development.

City of Sydney Tree Preservation Order 2004 (TPO)

This order applies to all land where South Sydney Local Environmental Plan 1998 applies and the City of Sydney Council or the Central Sydney Planning Committee is the relevant consent authority under the *Environmental Planning & Assessment Act 1979*. Contact Council's Contract and Asset Management section for more information.

Outstanding Notice & Order information

In relation to this property, there **is not** an outstanding Order or Notice of Intention to issue an Order relating to Fire Safety (being an Order or Notice of Intention to issue an Order of type 6, 10, 11 under Section 121B of the Environmental Planning and Assessment Act, 1979). Further information about the Order or Notice of Intention to issue an Order may be obtained by applying for a certificate under Section 121ZP of the Environmental Planning and Assessment Act and Section 735A of the Local Government Act.

In relation to this property, there **is not** an outstanding Order or Notice of Intention to issue an Order (being an Order or Notice of Intention to issue an Order of a type other than relating to fire safety). Further information about the Order or Notice of Intention to issue an Order may be obtained by applying for a certificate under Section 121ZP of the Environmental Planning and Assessment Act and Section 735A of the Local Government Act.

Resident & Visitor Parking Permit Schemes Restriction

Owners and occupiers of this address are **not eligible** to participate in the resident and visitor permit parking schemes.

Residential & Visitor Parking Permit Schemes

The City of Sydney co-ordinates a Resident Permit Parking Scheme and a Visitor Permit Parking scheme. This property may be restricted from participating in either scheme. Eligibility may change after the date of this certificate, as parking supply and other traffic demands change. For more information contact Council's call centre on 9265 9333.

ADVICE FROM OTHER BODIES

Advice provided in accordance with planning certificate section 10.7 (5) is supplied in good faith. Council accepts no liability for the validity of the advice given. (see section 10.7 (6) of the Environmental Planning and Assessment Act, 1979).

For information regarding outstanding notices and orders a CERTIFICATE FOR OUTSTANDING NOTICES OF INTENTION AND/OR AN ORDER UNDER SECTION 735A OF THE LOCAL GOVERNMENT ACT, 1993 AND SECTION 121ZP OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979 may be applied for at Sydney City Council.

Planning certificate section 10.7 (2), local planning controls are available for inspection at the following locations:

General Enquiries:
Telephone: 02 9265 9333
Facsimile: 02 9265 9415

Town Hall House
Level 2
Town Hall House
456 Kent Street
Sydney
8am – 6pm Monday - Friday

Glebe Customer Service Centre
Glebe Library
186 Glebe Point Road
Glebe
9am – 5pm Monday – Friday

Neighbourhood Service Centre Kings Cross
50 Darlinghurst Road
Potts Point
9am – 5pm, Monday – Friday
9am – 12pm Saturday

Neighbourhood Service Centre Redfern
158 Redfern Street
Redfern
9am-5pm Monday – Friday
9am – 12 Noon Saturday

Green Square Customer Service Centre
The Tote
100 Joynton Avenue
Zetland
10am-6pm Monday – Friday

State planning controls are available for inspection at the following locations:

Sydney Harbour Foreshore Authority (former Sydney Cove Authority and Darling Harbour Authority)
Level 6
66 Harrington Street
The Rocks

Department of Planning & Infrastructure Information Centre
23-33 Bridge Street,
Sydney NSW 2000

Where planning certificate section 10.7 (5) matters are supplied, complete details are available by writing to:

*Chief Executive Officer
City of Sydney
G.P.O. Box 1591
Sydney NSW 2000*

End of Document

City of Sydney
Town Hall House
456 Kent Street
Sydney NSW 2000

Telephone +61 2 9265 9333
Fax +61 2 9265 9222
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LOTSEARCH PTY LTD
Level 3 68 Alfred St
MILSONS POINT NSW 2061

PLANNING CERTIFICATE

Under Section 10.7 of the Environmental Planning and Assessment Act, 1979

Applicant:	LOTSEARCH PTY LTD
Applicant's reference:	LS002993
Address of property:	616-660 Elizabeth Street , REDFERN NSW 2016
Owner:	NEW SOUTH WALES LAND AND HOUSING CORPORATION
Description of land:	Lot 7 DP 35793, Lot 8 DP 35793, Lot 9 DP 35793, Lot 10 DP 35793, Lot 11 DP 35793
Certificate No.:	2018301895
Certificate Date:	26/03/18
Receipt No:	115966
Fee:	\$80.00
Paid:	23/03/18

Title information and description of land are provided from data supplied by the Valuer General and shown where available.

Issuing Officer
per **Monica Barone**
Chief Executive Officer

CERTIFICATE ENQUIRIES:

Ph: 9265 9333
Fax: 9265 9415

city of villages

**PLANNING CERTIFICATE UNDER SECTION 10.7 (2) OF THE ENVIRONMENTAL
PLANNING AND ASSESSMENT ACT, 1979**

**MATTERS AFFECTING THE LAND AS PRESCRIBED BY SCHEDULE 4 -
ENVIRONMENTAL PLANNING & ASSESSMENT REGULATION, 2000, CLAUSES (1) - (2).**

DEVELOPMENT CONTROLS

The following information must be read in conjunction with and subject to all other provisions of the environmental planning instruments specified in this certificate.

ZONING

Zoned No. 5 the Special Uses Zone – Clause 15 South Sydney Local Environmental Plan 1998

- (1) The objectives of Zone No 5 are:
- (a) to facilitate certain development on land which is, or is proposed to be, used by public authorities, institutions, organisations or the Council to provide community facilities, services, utilities or transport facilities, and
 - (b) to allow other ancillary development which is incidental to the primary use specified on the map, and
 - (c) to provide flexibility in the development of sites identified for special uses by allowing development which is permissible on adjoining or adjacent land, and
 - (d) for land in the zone and within Green Square, in addition to the above:
 - (i) to reflect and reinforce the need for proper recognition of community land and facilities as part of a robust public domain in the Green Square locality, and
 - (ii) to recognise that protecting and improving the quality, accessibility and impact of the public domain makes a fundamental contribution to the social, economic, environmental and urban design outcomes for the area, and
 - (iii) to ensure that development contributes to a sustainable, vibrant community, and reflects equal and integrated consideration of social, economic and environmental design issues.
- (2) Development which does not require development consent:
Development listed as Exempt in *South Sydney Development Control Plan 1999 – Exempt and Complying Development*.
- (3) Development which requires development consent:
Development for the purpose of:
The particular land use indicated by red lettering on the map, or land uses which are ancillary or incidental to that land use; development that may be carried out (with or without consent) on adjoining or adjacent land in the same or a different zone; roads; temporary buildings.
- (4) Prohibited Development:
Development not included in subclause (2) or (3).

**Special Provisions – Clause 46 (Amusement Centres)
(South Sydney Local Environmental Plan 1998 (as amended) – Gazetted 24/4/1998)**

Despite Part 3, SS LEP 1998, development for the purpose of an amusement centre is prohibited on any land:

- a) Within Zone No 3 having a boundary adjoining Oxford Street, or
- b) Within Zone No 3 and Zone 10 having a boundary adjoining King Street, or
- c) within the area bounded by Victoria Street, Orwell Street, Macleay Street, Fitzroy Gardens, Ward Avenue and Kings Cross Road.

PROPOSED ZONING

This property is not affected by a draft zone.

LOCAL PLANNING CONTROLS

South Sydney Local Environmental Plan 1998 (Gazetted 28.04.1998, as amended)

South Sydney Development Control Plan 1997: Urban Design (in force on 02.07.1997, as amended)

Development Control Plan No. 11 – Transport Guidelines for Development 1996 (Adopted 08.05.1996)

Development Control Plan – Exempt and Complying Development 1999 (Adopted 23.02.2000 and in force on 01.08.2000)

Development Control Plan for Orders (Adopted 09.12.1998)

City of Sydney Contaminated Land Development Control Plan 2004 (in force on 28.06.2004)

City of Sydney Access Development Control Plan 2004 (in force on 28.06.2004)

City of Sydney Convenience Store Development Control Plan 2004 (date of commencement – 24.09.2004)

City of Sydney Boarding Houses Development Control Plan 2004 (date of commencement – 12.01.2005)

City of Sydney Notification of Planning and Development Applications Development Control Plan 2005 (commenced 18.05.2005)

City of Sydney Child Care Centres Development Control Plan 2005 (commenced 10.10.2005)

City of Sydney Adult Entertainment and Sex Industry Premises Development Control Plan 2006 (commenced 18.04.06)

City of Sydney Heritage Development Control Plan 2006 (commenced 02.01.07)

City of Sydney Signage and Advertising Structures Development Control Plan 2005 (commenced 28.03.2005)

City of Sydney Visitor and Tourist Accommodation Development Control Plan 2006 (commenced 24.03.2006)

City of Sydney Telecommunications and Radiocommunications Development Control Plan 2006 (commenced 14.08.2006)

City of Sydney Late Night Trading Premises Development Control Plan 2007 (commenced 01.01.2008)

HERITAGE

State Heritage Register (Amendment To Heritage Act, 1977 Gazetted 2/4/99)

This property may be identified as being of state heritage significance, and entered on the State Heritage Register.

To confirm whether the site is listed under the Heritage Act 1977 a Section 167 Certificate should be obtained from the NSW Heritage Office by contacting the NSW Heritage office on (02) 9873 8500 for an application from or by downloading the application form from www.heritage.nsw.gov.au

STATE PLANNING INSTRUMENTS

Full copies of State Environmental Planning Policies are available online at www.planning.nsw.gov.au.

State Environmental Planning Policy No. 1 – Development Standards

This policy makes development standards more flexible. It allows Council to approve a development proposal that does not comply with a set standard where this can be shown to be unreasonable or unnecessary.

State Environmental Planning Policy No. 19 – Bushland in Urban Areas

This is a policy to protect and preserve bushland within certain urban areas, as part of the natural heritage or for recreational, educational and scientific purposes. This policy is designed to protect bushland in public open space zones and reservations, and to ensure that bush preservation is given a high priority when local environmental plans for urban development are prepared.

State Environmental Planning Policy No. 32 – Urban Consolidation

This policy implements the principles of urban consolidation, including the orderly, economic use and development of land. The policy enables urban land which is no longer required for the purpose for which it is currently zoned or used to be redeveloped for multi-unit housing and related development.

State Environmental Planning Policy No. 33 – Hazardous and Offensive Development

This policy aims to amend the definitions of hazardous and offensive industries; to render ineffective any environmental planning instruments not defining hazardous or offensive as per this policy; to control development of hazardous and offensive industries.

State Environmental Planning Policy No. 55 – Remediation of Land

This policy provides planning controls for the remediation of contaminated land. The policy states that land must not be developed if it is unsuitable for a proposed use because it is contaminated. If the land is unsuitable, remediation must take place before the land is developed. The policy makes remediation permissible across the State, defines when consent is required, requires all remediation to comply with standards, ensures land is investigated if contamination is suspected, and requires councils to be notified of all remediation proposals. To assist councils and developers, the Department, in conjunction with the Environment Protection Authority, has prepared Managing Land Contamination: Planning Guidelines.

State Environmental Planning Policy No. 64 – Advertising and Signage

This policy aims to ensure that signage (including advertising):

Is compatible with the desired amenity and visual character of an area, and

- Provides effective communications in suitable locations, and
- Is of a high quality design and finish.

To this end the policy regulates signage (but not content) under Part 4 of the Act and provides limited time consents for the display of certain advertisements. The policy does not apply to signage that is exempt development under an environmental planning instrument. It does apply to all signage that can be displayed with or without consent and is visible from any public place or reserve, except as provided by the policy.

This policy should be read in conjunction with the Sydney Local Environmental Plan 2005, the City of Sydney Signage and Advertising Structures Development Control Plan 2005 and State Environmental Planning Policy No. 60 where these apply.

State Environmental Planning Policy No. 65 – Design Quality of Residential Flat Buildings

This policy aims to improve the design quality of flats of three or more storeys with four or more self contained dwellings. The policy sets out a series of design principles for local councils to consider when assessing development proposals for residential flat development. The policy also creates a role for an independent design review panel and requires the involvement of a qualified designer in the design and approval process.

State Environmental Planning Policy No.70 – Affordable Housing (Revised Schemes) (Gazetted 31.05.02)

The policy identifies that there is a need for affordable housing in the City of Sydney, describes the kinds of households for which affordable housing may be provided and makes a requirement with respect to the imposition of conditions relating to the provision of affordable housing (provided other requirements under the Act are met).

State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004

This Policy does not apply to land described in Schedule 1 (Environmentally sensitive land), or land that is zoned for industrial purposes, or land to which an interim heritage order made under the *Heritage Act 1997* by the Minister administering that Act applies, or land to which a listing on the State Heritage Register kept under the *Heritage Act 1997* applies.

The Policy aims to encourage the provision of housing (including residential care facilities) that will increase the supply and diversity of residences that meet the needs of seniors or people with a disability, and make efficient use of existing infrastructure and services, and be of good design.

State Environmental Planning Policy (Building Sustainability Index: BASIX) 2004

Aims to ensure consistency in the implementation of the BASIX scheme throughout the State. This Policy achieves its aim by overriding provisions of other environmental planning instruments and development control plans that would otherwise add to, subtract from or modify any obligations arising under the BASIX scheme.

State Environmental Planning Policy (State Significant Precincts) 2005

This Policy aims to identify development of economic, social or environmental significance to the State or regions of the State so as to provide a consistent and comprehensive assessment and decision making process for that development.

NB: This SEPP also contains exempt & complying provisions

State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007

This Policy aims to provide for the proper management and development of mineral, petroleum and extractive material resources for the social and economic welfare of the State.

State Environmental Planning Policy (Temporary Structures and Places of Public Entertainment) 2007

This Policy aims to ensure that suitable provision is made for ensuring the safety of persons using temporary structures or places of public entertainment.

State Environmental Planning Policy (Infrastructure) 2007

This Policy aims to facilitate the effective delivery of infrastructure across the state.

NB: This SEPP also contains exempt & complying provisions

State Environmental Planning Policy (Repeal of Concurrence and Referral Provisions) 2008

This Policy is an 'amending instrument' that removes or modifies referral and concurrence clauses within local environmental plans (LEPs), regional environmental plans (REPs) and State environmental planning policies (SEPPs).

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

This Policy Streamlines assessment processes for development that complies with specified development standards. The policy provides exempt and complying development codes that have State-wide application, identifying, in the General Exempt Development Code, types of development that are of minimal environmental impact that may be carried out without the need for development consent; and, in the General Housing Code, types of complying development that may be carried out in accordance with a complying development certificate as defined in the Environmental Planning and Assessment Act 1979.

State Environmental Planning Policy (Affordable Rental Housing) 2009

Establishes a consistent planning regime for the provision of affordable rental housing. The policy provides incentives for new affordable rental housing, facilitates the retention of existing affordable rentals, and expands the role of not-for-profit providers. It also aims to support local centres by providing housing for workers close to places of work, and facilitate development of housing for the homeless and other disadvantaged people. NOTE: Does not apply to land at Green Square or at Ultimo Pyrmont, or on southern employment land.

State Environmental Planning Policy (Urban Renewal) 2010

The aims of this Policy are as follows:

- (a) to establish the process for assessing and identifying sites as urban renewal precincts,
- (b) to facilitate the orderly and economic development and redevelopment of sites in and around urban renewal precincts,
- (c) to facilitate delivery of the objectives of any applicable government State, regional or metropolitan strategies connected with the renewal of urban areas that are accessible by public transport.

State Environmental Planning Policy (State and Regional Development) 2011

The aims of this Policy are as follows:

- (a) to identify development that is State significant development,
- (b) to identify development that is State significant infrastructure and critical State significant infrastructure,
- (c) to confer functions on joint regional planning panels to determine development applications.

State Environmental Planning Policy (Vegetation in Non-Rural Areas) 2017

The aims of this Policy are:

- (a) to protect the biodiversity values of trees and other vegetation in non-rural areas of the State, and
- (b) to preserve the amenity of non-rural areas of the State through the preservation of trees and other vegetation.

State Environmental Planning Policy (Educational Establishments and Child Care Facilities) 2017

The aim of this Policy is to facilitate the effective delivery of educational establishments and early education and care facilities across the state.

Sydney Regional Environmental Plan (Sydney Harbour Catchment) 2005

This plan applies to land within the Sydney Harbour Catchment, as shown edged heavy black on the Sydney Harbour Catchment Map, being part of the Sydney Region declared by order published in Gazette No 38 of 7 April 1989 at page 1841.

This plan has the following aims with respect to the Sydney Harbour Catchment: to ensure that the catchment, foreshores, waterways and islands of Sydney Harbour are recognised, protected and maintained: as outstanding natural asset, and as a public asset of national and heritage significance, for existing and future generations; to ensure a healthy, sustainable environment on land and water; to achieve a high quality urban environment; to ensure a prosperous working waterfront and an effective transport corridor, to encourage a culturally rich and vibrant place for people; to ensure accessibility to and along Sydney Harbour and its foreshores; to ensure the protection, maintenance and rehabilitation of watercourses, wetlands, riparian lands, remnant vegetation and ecological connectivity, to provide a consolidated, simplified and updated legislative framework for future planning.

**OTHER MATTERS AFFECTING THE LAND AS PRESCRIBED BY SCHEDULE 4 -
E. P. & A. REGULATION, 2000. CLAUSES (3) - (10)**

(3) Complying Development

- (1) The extent to which the land is land on which complying development may be carried out under each of the codes for complying development because of the provisions of clauses 1.17A (1) (c) to (e), (2), (3) and (4), 1.18(1)(c3) and 1.19 of *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*.
- (2) The extent to which complying development may not be carried out on that land because of the provisions of clauses 1.17A (1) (c) to (e), (2), (3) and (4), 1.18(1)(c3) and 1.19 of that Policy and the reasons why it may not be carried out under those clauses.
- (3) If the council does not have sufficient information to ascertain the extent to which complying development may or may not be carried out on the land, a statement that a restriction applies to the land, but it may not apply to all of the land, and that council does not have sufficient information to ascertain the extent to which complying development may or may not be carried out on the land.

Note: All Exempt and Complying Development Codes: Council does not have sufficient information to ascertain the extent of a land based exclusion on a property. Despite any statement preventing the carrying out of complying development in the Codes listed below, complying development may still be carried out providing the development is not on the land affected by the exclusion and meets the requirements and standards of *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*.

General Housing Code & Commercial and Industrial (New Buildings and Additions) Code

Complying development **may not** be carried out on the land under the General Housing Code & the Commercial and Industrial (New Buildings and Additions) Code if because of the provisions of clause 1.17A, 1.18(1)(c3) & 1.19 (Land-based requirements for exempt and complying development) any of the following statements are **YES**

<ul style="list-style-type: none"> ▪ Clause 1.19(5)d. Land that is significantly contaminated land within the meaning of the Contaminated Land Management Act 1997. (Applies only to the Commercial and Industrial (New Buildings and Additions) Code. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.17A(d). Has been identified as a property that comprises, or on which there is, an item that is listed on the State Heritage Register under the <i>Heritage Act 1977</i> or that is subject to an interim heritage order under the <i>Heritage Act 1977</i>. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.17A(d) & 1.18(1)(c3). Has been identified as a property that comprises, or on which there is, a heritage item or draft heritage item. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.17A(c). Has been identified as being within a wilderness area (identified under the <i>Wilderness Act 1987</i>. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.17A(e) & 1.19(1)e or 1.19(5)f. Has been identified as land that is within an environmentally sensitive area or by an environmental planning instrument as being within a buffer area, a river front area, an ecologically sensitive area, environmentally sensitive land or a protected area 	NO
<ul style="list-style-type: none"> ▪ Clause 1.19(1)a.or 1.19(5)a Has been identified as being within a heritage conservation area or a draft heritage conservation area. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.19(1)b or 1.19(5)b. Has been identified as being land that is reserved for a public purpose in an environmental planning instrument. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.19(1)c or 1.19(5)c. Has been identified as being on an Acid Sulfate Soils Map as being Class 1 or Class 2. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.19(1)d or 1.19(5)e. Has been identified as land that is subject to a biobanking agreement under part 7A of the threatened Species Conservation Act 1995 or a property vegetation plan under the Native Vegetation Act 2003. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.19(1)f or 1.19(5)g. Has been identified by an environmental planning instrument, a development control plan or a policy adopted by the Council as being or affected by a coastline hazard, a coastal hazard or a coastal erosion hazard. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.19(1)g or 1.19(5)h. Has been identified as being land in a foreshore area. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.19(1)h. Has been identified as land that is in the 25 ANEF contour or a higher ANEF contour. (Applies only to the General Housing Code) 	NO
<ul style="list-style-type: none"> ▪ Clause 1.19(1)j or 1.19(5)i. Has been identified as unsewered land within a drinking water catchment. 	NO
<ul style="list-style-type: none"> ▪ Clause 1.19(1)i. Has been identified as land that is declared to be a special area under the Sydney Water Catchment Management Act 1998. 	NO

Housing Alterations Code

Complying development under the Housing Alterations Code **may** be carried out on the land.

Commercial and Industrial Alterations Code

Complying development under the Commercial and Industrial Alterations Code **may** be carried out on the land.

Subdivisions Code

Complying development under the Subdivisions Code **may** be carried out on the land.

Rural Housing Code

The Rural Housing Code does not apply to this Local Government Area.

General Development Code

Complying development under the General Development Code **may** be carried out on the land.

Demolition Code

Complying development under the Demolition Code **may** be carried out on the land.

(4) Coastal Protection Act, 1979

The council has not been notified by the department of public works that the land is affected by the operation of section 38 or 39 of the coastal protection act, 1979.

(4A) Certain information relating to beaches and coasts

(1) In relation to a coastal council an order has **not** been made under Part 4D of the coastal Protection Act 1979 in relation to temporary coastal protection works (within the meaning of that Act) on the land (or on public land adjacent to that land).

(2) In relation to a coastal council : Council has **not** been notified under section 55X of the Coastal Protection Act 1979 that temporary coastal protection works (within the meaning of that Act) have been placed on the land (or on public land adjacent to that land)

(4B) Annual charges under Local Government Act 1993 for coastal protection services that relate to existing coastal protection works

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

Note. “Existing coastal protection works” are works to reduce the impact of coastal hazards on land (such as seawalls, revetments, groynes and beach nourishment) that existed before the commencement of section 553B of the Local Government Act 1993.

(5) Mine Subsidence District

This land has not been proclaimed to be a mine subsidence district within the meaning of section 15 of the mine subsidence compensation act, 1961.

(6) Road Widening and/or Road Realignment affected by (a) Division 2 of Part 3 of the Roads act 1993 or (c) any resolution of council or other authority.

This land **is not** affected by road widening and/or road realignment under section 25 of the Roads Act, 1993 and/or resolution of Council or any other authority.

(6) Road Widening and/or Road Realignment Affected by (b) any environmental planning instrument.

This land **is not** affected by any road widening or road realignment under any planning instrument.

(7) Council and other public authorities policies on hazard risk restrictions:

- (a) The land **is** affected by the **City of Sydney Contaminated Land Development Control Plan 2004** adopted by the Council which may restrict the land if the potential for the risk of land contamination exists; and
- (b) The land **is not** affected by a policy adopted by any other public authority and notified to the council for the express purpose of its adoption by that authority being referred to on planning certificate issued by Council, that restricts the development of the land because of the likelihood of land slip, bushfire, flooding, tidal inundation, subsidence, acid sulphate soils or any other risk.

(7A) Flood related development controls information.

The development on this land or part of this land is subject to flood related development controls refer to Clause 38 of South Sydney Local Environment Plan 1998 and Part E Clause 1.7 of the South Sydney Development Control Plan 1997.

(8) Land reserved for acquisition

No environmental planning instrument, or proposed environmental planning instrument applying to the land, provides for the acquisition of the land by a public authority, as referred to in section 27 of the Act.

(9) Contribution plans

The following Contributions Plans apply to properties within the City of Sydney local government area. Contributions plans marked **YES** may apply to this property:

<ul style="list-style-type: none"> ▪ Central Sydney Development Contributions Plan 2013 – in operation 9th July 2013 	NO
<ul style="list-style-type: none"> ▪ City of Sydney Development Contributions Plan 2015 – in operation 1st July 2016 	YES
<ul style="list-style-type: none"> ▪ Redfern Waterloo Authority Contributions Plan 2006 – in operation 16th May 2007 ▪ Redfern Waterloo Authority Affordable Housing Contributions Plan – in operation 16th May 2007 	NO

(9A) Biodiversity certified land

The land has not been certified as biodiversity certified land.

(10) Biobanking Agreement

Council has not been notified of a biobanking agreement under Part 7A of the Threatened Species Conservation Act 1995.

(11) Bush fire prone land

The land has not been identified as Bush fire prone land.

(12) Property vegetation plans

Not Applicable.

(13) Orders under Trees (Disputes Between Neighbours) Act 2006

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

(14) Directions under Part 3A

Not Applicable.

(15) Site compatibility certificates and conditions for seniors housing

(a) The land to which the certificate relates is not subject to a current site compatibility certificate (seniors housing), of which Council is aware, in respect of proposed development on the land.

(b) The land to which the certificate relates is not subject to any condition of consent to a development application granted after 11 October 2007 required by State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004.

(16) Site compatibility certificates for infrastructure

The land to which the certificate relates is not subject to a valid site compatibility certificate (infrastructure), of which Council is aware, in respect of proposed development on the land.

(17) Site compatibility certificates and conditions for affordable rental housing

(a) The land to which the certificate relates is not subject to a current site compatibility certificate (affordable rental housing), of which Council is aware, in respect of proposed development on the land.

(b) The land to which the certificate relates is not subject to any terms of a kind referred to in clause 17(1) or 37(1) of State Environmental Planning Policy (Affordable Rental Housing) 2009 that have been imposed as a condition of consent to a development application in respect of the land.

(18) Paper subdivision information

Not Applicable.

(19) Site verification certificates

The land to which the certificate relates is not subject to a valid site verification certificate of which Council is aware.

(20) Loose-fill asbestos insulation

Not Applicable

(21) Affected building notices and building product rectification orders

(1) The land to which the certificate relates is not subject to any affected building notice of which Council is aware.

(2) (a) The land to which the certificate relates is not subject to any building product rectification order of which Council is aware and has not been fully complied with.

(b) The land to which the certificate relates is not subject to any notice of intention to make a building product rectification order of which Council is aware and is outstanding.

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

(a) The land to which the certificate relates **is not** declared to be **significantly contaminated land** within the meaning of that act as at the date when the certificate is issued.

(b) The land to which the certificate relates **is not** subject to a **management order** within the meaning of that act as at the date when the certificate is issued.

(c) The land to which the certificate relates **is not** the subject of an **approved voluntary management proposal** within the meaning of that act at the date the certificate is issued.

(d) The land to which the certificate relates **is not** the subject of an **ongoing maintenance order** within the meaning of that act as at the date when the certificate is issued.

(e) As at the date when the certificate is issued, Council **has not** identified that a **site audit statement** within the meaning of that act has been received in respect of the land the subject of the certificate.

PLANNING CERTIFICATE SECTION 10.7 (2) INFORMATION:

Information provided in accordance with planning certificate section 10.7 (2) has been taken from council's records and advice from other authorities but council disclaims all liability for any omission or inaccuracy in the information. Specific inquiry should be made where doubt exists.

PLANNING CERTIFICATE UNDER SECTION 10.7 (5) OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979

PLANNING CERTIFICATE SECTION 10.7 (5) ADVICE is current as at 12:00 noon two working days prior to the date of issue of this certificate. The following matters have been considered & details provided where information exists: easements in favour of council; parking permit scheme; heritage floor space restrictions; low-rental residential building; foreshore building line; tree preservation order.

Contaminated Land Potential:

Council records do not have sufficient information about the uses (including previous uses) of the land which is the subject of this section 149 certificate to confirm that the land has not been used for a purpose which would be likely to have contaminated the land. Parties should make their own enquiries as to whether the land may be contaminated.

Hazard Risk Restriction:

The City of Sydney Local Environmental Plan 2012 incorporates Acid Sulfate soil maps. Development on the land identified in those maps should have regard to Division 4 clause 7.16 of the LEP.

Construction Noise and View Loss Advice:

Intending purchasers are advised that the subject property may be affected by construction noise and loss or diminution of views as a result of surrounding development.

City of Sydney Tree Preservation Order 2004 (TPO)

This order applies to all land where South Sydney Local Environmental Plan 1998 applies and the City of Sydney Council or the Central Sydney Planning Committee is the relevant consent authority under the *Environmental Planning & Assessment Act 1979*. Contact Council's Contract and Asset Management section for more information.

Outstanding Notice & Order information

In relation to this property, there **is not** an outstanding Order or Notice of Intention to issue an Order relating to Fire Safety (being an Order or Notice of Intention to issue an Order of type 6, 10, 11 under Section 121B of the Environmental Planning and Assessment Act, 1979). Further information about the Order or Notice of Intention to issue an Order may be obtained by applying for a certificate under Section 121ZP of the Environmental Planning and Assessment Act and Section 735A of the Local Government Act.

In relation to this property, there **is not** an outstanding Order or Notice of Intention to issue an Order (being an Order or Notice of Intention to issue an Order of a type other than relating to fire safety). Further information about the Order or Notice of Intention to issue an Order may be obtained by applying for a certificate under Section 121ZP of the Environmental Planning and Assessment Act and Section 735A of the Local Government Act.

Residential & Visitor Parking Permit Schemes

The City of Sydney co-ordinates a Resident Permit Parking Scheme and a Visitor Permit Parking scheme. This property may be restricted from participating in either scheme. Eligibility may change after the date of this certificate, as parking supply and other traffic demands change. For more information contact Council's call centre on 9265 9333.

ADVICE FROM OTHER BODIES

Advice provided in accordance with planning certificate section 10.7 (5) is supplied in good faith. Council accepts no liability for the validity of the advice given. (see section 10.7 (6) of the Environmental Planning and Assessment Act, 1979).

For information regarding outstanding notices and orders a CERTIFICATE FOR OUTSTANDING NOTICES OF INTENTION AND/OR AN ORDER UNDER SECTION 735A OF THE LOCAL GOVERNMENT ACT, 1993 AND SECTION 121ZP OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979 may be applied for at Sydney City Council.

Planning certificate section 10.7 (2), local planning controls are available for inspection at the following locations:

General Enquiries:
Telephone: 02 9265 9333
Facsimile: 02 9265 9415

Town Hall House
Level 2
Town Hall House
456 Kent Street
Sydney
8am – 6pm Monday - Friday

Glebe Customer Service Centre
Glebe Library
186 Glebe Point Road
Glebe
9am – 5pm Monday – Friday

Neighbourhood Service Centre Kings Cross
50 Darlinghurst Road
Potts Point
9am – 5pm, Monday – Friday
9am – 12pm Saturday

Neighbourhood Service Centre Redfern
158 Redfern Street
Redfern
9am-5pm Monday – Friday
9am – 12 Noon Saturday

Green Square Customer Service Centre
The Tote
100 Joynton Avenue
Zetland
10am-6pm Monday – Friday

State planning controls are available for inspection at the following locations:

Sydney Harbour Foreshore Authority (former Sydney Cove Authority and Darling Harbour Authority)
Level 6
66 Harrington Street
The Rocks

Department of Planning & Infrastructure Information Centre
23-33 Bridge Street,

Sydney NSW 2000

Where planning certificate section 10.7 (5) matters are supplied, complete details are available by writing to:

Chief Executive Officer

City of Sydney

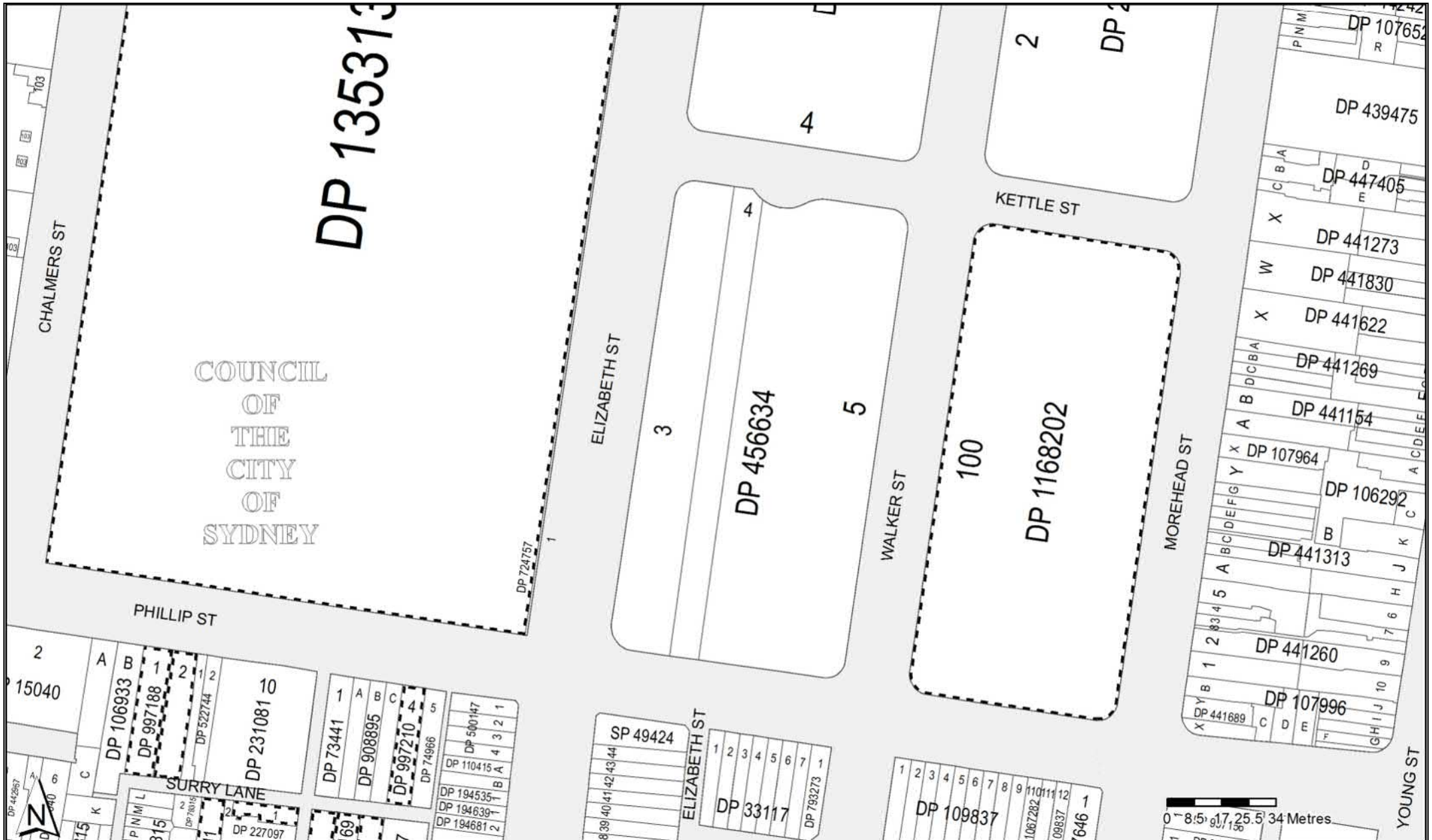
G.P.O. Box 1591















































Sydney NSW 2000

End of Document

Appendix D

Historical Certificates of Title



	Status	Surv/Comp	Purpose
DP135313 Lot(s): 1  CA97197 - LOT 1 DP135313			
DP227097 Lot(s): 1  CA96952 - LOT 1 DP227097			
DP997188 Lot(s): 1  CA96976 - LOT 1 DP997188			
Lot(s): 2  CA96977 - LOT 2 DP997188			
DP997210 Lot(s): 4  CA97035 - LOT 4 DP997210			
DP997211 Lot(s): 1  CA117630 - LOT 1 DP997211			
DP1067282 Lot(s): 110, 111  DP109837	HISTORICAL	 SURVEY	UNRESEARCHED
DP1129169 Lot(s): 7, 8  CA112673 - NPW			
Lot(s): 6, 7, 8  CA132772 - LOTS 6-8 DP1129169			
DP1160340 Lot(s): 101, 102, 103  DP396065	HISTORICAL	 SURVEY	UNRESEARCHED
 DP444017	HISTORICAL	 SURVEY	UNRESEARCHED
 DP590797	HISTORICAL	 SURVEY	SUBDIVISION
 DP1069567	REGISTERED	 SURVEY	BUILDING STRATUM SUBDIVISION
 SP74760	REGISTERED	 COMPILATION	PART STRATA
DP1168202 Lot(s): 100  DP435764	HISTORICAL	 SURVEY	UNRESEARCHED
 DP1062388	REJECTED	 COMPILATION	RESUMPTION OR ACQUISITION
 DP1071147	HISTORICAL	 SURVEY	RESUMPTION OR ACQUISITION
 DP1147202	REGISTERED	 COMPILATION	EASEMENT
SP64091  DP68927	HISTORICAL	 SURVEY	UNRESEARCHED
 DP300019	HISTORICAL	 COMPILATION	UNRESEARCHED
 DP997111	HISTORICAL	 COMPILATION	DEPARTMENTAL
 DP1005652	REGISTERED	 SURVEY	CONSOLIDATION
SP74760  DP396065	HISTORICAL	 SURVEY	UNRESEARCHED
 DP590797	HISTORICAL	 SURVEY	SUBDIVISION
 DP1069567	REGISTERED	 SURVEY	BUILDING STRATUM SUBDIVISION
 SP77310	REGISTERED	 COMPILATION	STRATA SUBDIVISION PLAN
 SP77343	REGISTERED	 COMPILATION	STRATA SUBDIVISION PLAN

Caution: This information is provided as a searching aid only. Whilst every endeavour is made to ensure that current map, plan and titling information is accurately reflected, the Registrar General cannot guarantee the information provided. For **ALL ACTIVITY PRIOR TO SEPTEMBER 2002** you must refer to the RGs Charting and Reference Maps.

Plan	Surv/Comp	Purpose
DP15040	SURVEY	UNRESEARCHED
DP31945	SURVEY	UNRESEARCHED
DP32791	SURVEY	UNRESEARCHED
DP33117	SURVEY	UNRESEARCHED
DP33315	SURVEY	UNRESEARCHED
DP73441	COMPILATION	UNRESEARCHED
DP74966	SURVEY	UNRESEARCHED
DP74967	SURVEY	UNRESEARCHED
DP79315	SURVEY	UNRESEARCHED
DP87646	SURVEY	UNRESEARCHED
DP106292	SURVEY	UNRESEARCHED
DP106933	SURVEY	UNRESEARCHED
DP107652	SURVEY	UNRESEARCHED
DP107964	SURVEY	UNRESEARCHED
DP107996	SURVEY	UNRESEARCHED
DP109837	SURVEY	UNRESEARCHED
DP110415	SURVEY	UNRESEARCHED
DP135313	COMPILATION	DEPARTMENTAL
DP194535	COMPILATION	DEPARTMENTAL
DP194639	COMPILATION	DEPARTMENTAL
DP194681	COMPILATION	DEPARTMENTAL
DP227097	SURVEY	SUBDIVISION
DP228005	SURVEY	SUBDIVISION
DP231081	SURVEY	OLD SYSTEM CONVERSION
DP439475	SURVEY	UNRESEARCHED
DP441154	SURVEY	UNRESEARCHED
DP441260	SURVEY	UNRESEARCHED
DP441269	SURVEY	UNRESEARCHED
DP441273	SURVEY	UNRESEARCHED
DP441313	SURVEY	UNRESEARCHED
DP441622	SURVEY	UNRESEARCHED
DP441689	SURVEY	UNRESEARCHED
DP441830	SURVEY	UNRESEARCHED
DP442428	SURVEY	UNRESEARCHED
DP442967	SURVEY	UNRESEARCHED
DP447405	SURVEY	UNRESEARCHED
DP456634	COMPILATION	DEPARTMENTAL
DP500147	SURVEY	SUBDIVISION
DP522744	SURVEY	SUBDIVISION
DP621285	SURVEY	CONSOLIDATION
DP724757	COMPILATION	DEPARTMENTAL
DP793273	SURVEY	SUBDIVISION
DP908895	SURVEY	UNRESEARCHED
DP997156	COMPILATION	DEPARTMENTAL
DP997188	COMPILATION	DEPARTMENTAL
DP997210	COMPILATION	LIMITED FOLIO CREATION
DP997211	COMPILATION	DEPARTMENTAL
DP1067282	SURVEY	REDEFINITION
DP1129169	COMPILATION	LIMITED FOLIO CREATION
DP1168202	COMPILATION	CONSOLIDATION
SP49424	COMPILATION	STRATA PLAN
SP64091	COMPILATION	STRATA PLAN
SP74760	COMPILATION	STRATA PLAN
SP74760	COMPILATION	PART STRATA

Caution: This information is provided as a searching aid only. Whilst every endeavour is made to ensure that current map, plan and titling information is accurately reflected, the Registrar General cannot guarantee the information provided. For **ALL** **ACTIVITY PRIOR TO SEPTEMBER 2002** you must refer to the RGs Charting and Reference Maps.

PLAN

N.O.P. 793

F619153 18.2.52

of resubdivision of land resumed by The Housing Commission of N.S. Wales,
vide Government Gazette Notifications of 23.7.48, 20.8.48 & 17.11.50,
for Housing Purposes at

REDFERN

DP 35793

FORMERLY
H.C.P. 793

PARISH OF ALEXANDRIA COUNTY OF CUMBERLAND

Scale: 40 Feet to an Inch.

CONVERSION TABLE ADDED IN REGISTRAR GENERAL'S DEPARTMENT

FEET	INCHES	METRES
-	0 1/2	0.013
-	0 3/4	0.019
-	1 1/2	0.038
-	2 3/4	0.070
-	3 3/4	0.095
-	8	0.203
1	6	0.457
2	-	0.610
2	1 1/2	0.648
3	6	1.067
3	8 1/2	1.130
4	4	1.321
4	5 3/4	1.365
4	9 1/2	1.461
9	10 1/4	3.004
10	6	3.200
11	8	3.556
12	-	3.658
12	0 1/2	3.670
12	2 3/8	3.718
12	2 3/4	3.727
12	6	3.610
14	-	4.267
15	1 1/4	4.604
16	-	4.877
16	11	5.156
18	3	5.563
18	3 1/2	5.575
18	5 1/8	5.617
19	10	6.045
19	11 3/8	6.080
20	-	6.096
20	1 1/4	6.128
20	5 3/4	6.242
20	9 3/4	6.344
24	5 7/8	7.464
24	10 5/8	7.585
24	11 1/2	7.607
25	-	7.620
28	3	8.611
28	4 1/4	8.642
31	4 3/8	9.560
31	6 1/8	9.604
35	4	10.770
39	2 3/4	11.957
39	8	12.090
40	-	12.192
42	-	12.602
42	1 1/4	12.833
44	6 1/4	13.570
45	0 5/8	13.732
45	10 3/4	13.989
46	2 1/4	14.078
46	3	14.097
48	11 3/8	14.919
51	-	15.545
55	0 3/4	16.783
60	8 1/2	18.504
63	5 3/8	19.339
65	-	19.812
68	10 1/4	20.987
70	-	21.336
74	10 3/4	22.828
75	-	22.860
76	5 7/8	23.314
76	9 7/8	23.416
80	2 3/8	24.444
81	2	24.740
82	-	24.994
95	-	28.956
96	9	29.489
98	9 5/8	30.115
99	0 1/4	30.182
100	-	30.480
101	7 1/8	30.966
101	9 5/8	31.029
107	2 1/8	32.568

CONVERSION TABLE ADDED IN REGISTRAR GENERAL'S DEPARTMENT

DP 35793 CONTINUED

FEET	INCHES	METRES
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120	11	36.855
121	0 1/4	36.887
121	0 1/2	36.894
121	1 5/8	36.922
121	1 3/4	36.925
121	3	36.957
121	3 1/8	36.960
121	4 1/2	36.995
257	4 3/4	78.454
393	11 1/4	120.072
405	7	123.622

AC	RD	P	SQ M
-	-	27 1/2	695.6
-	-	27 3/4	701.9
-	-	28 1/4	714.5
-	-	28 1/2	720.8
-	-	30 1/4	765.1
-	-	30 3/4	777.8
-	-	31	784.1
-	-	33 1/4	841

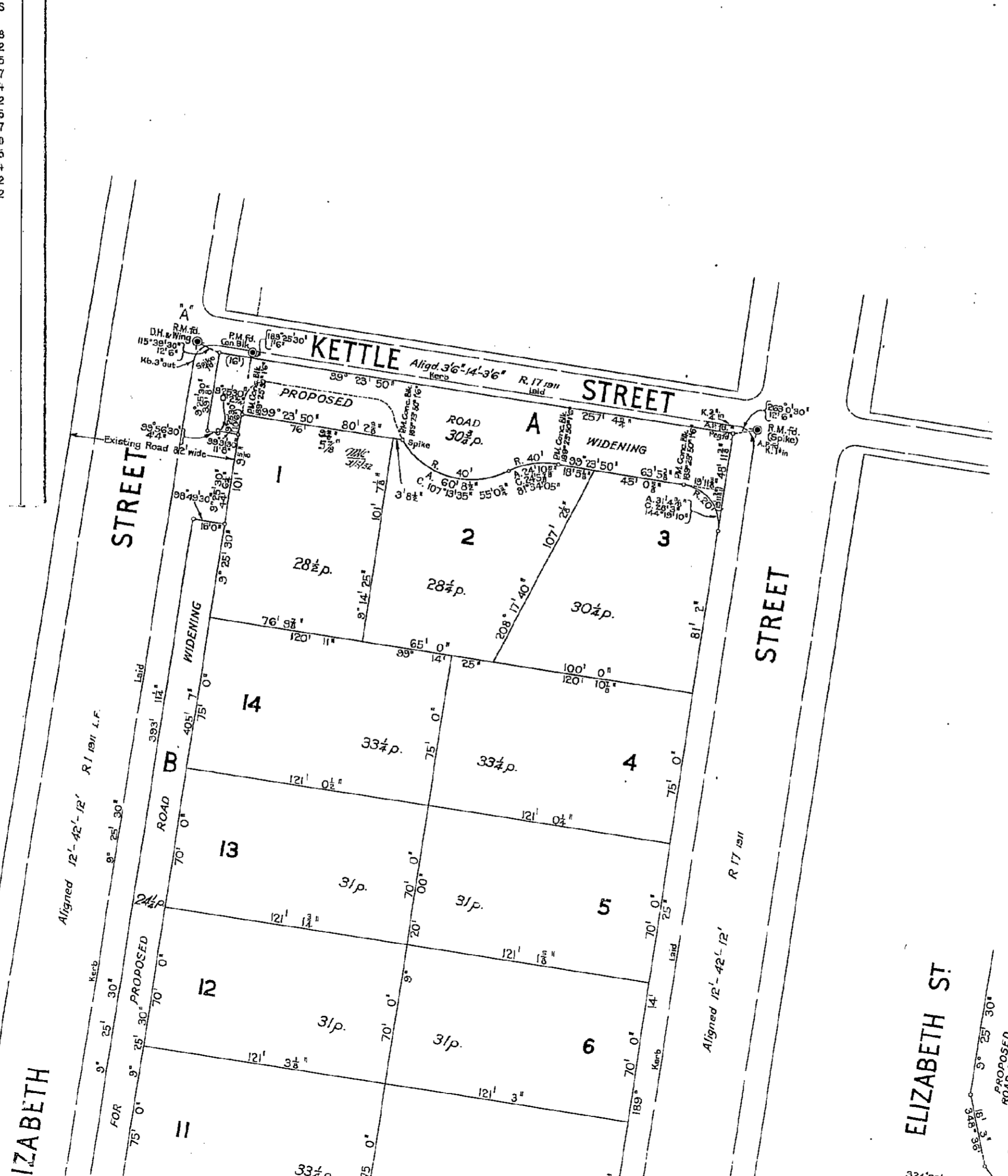
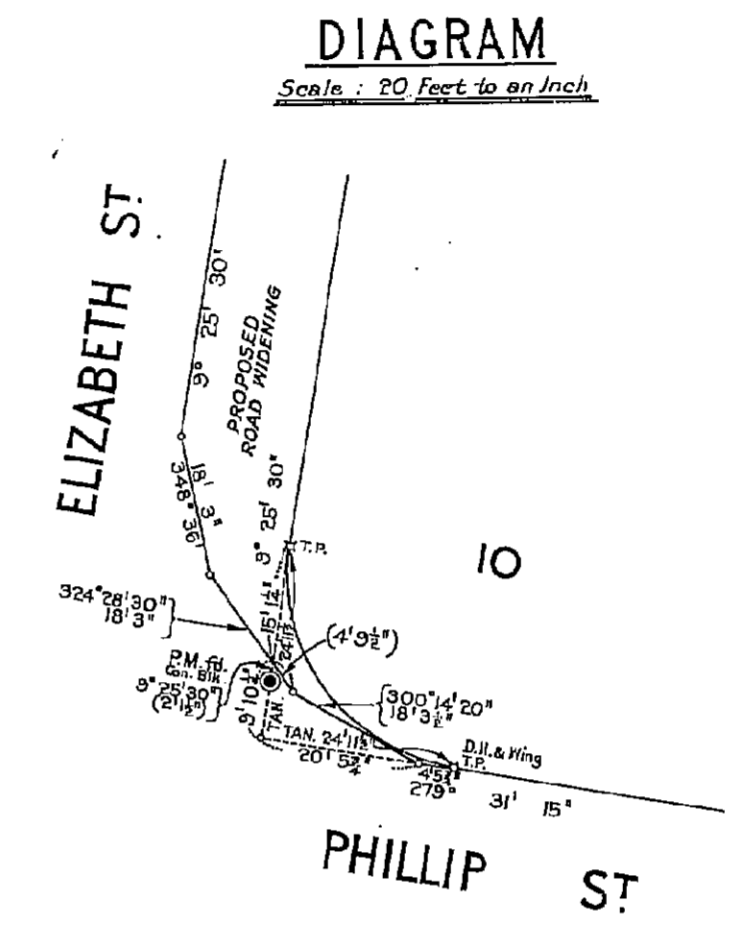
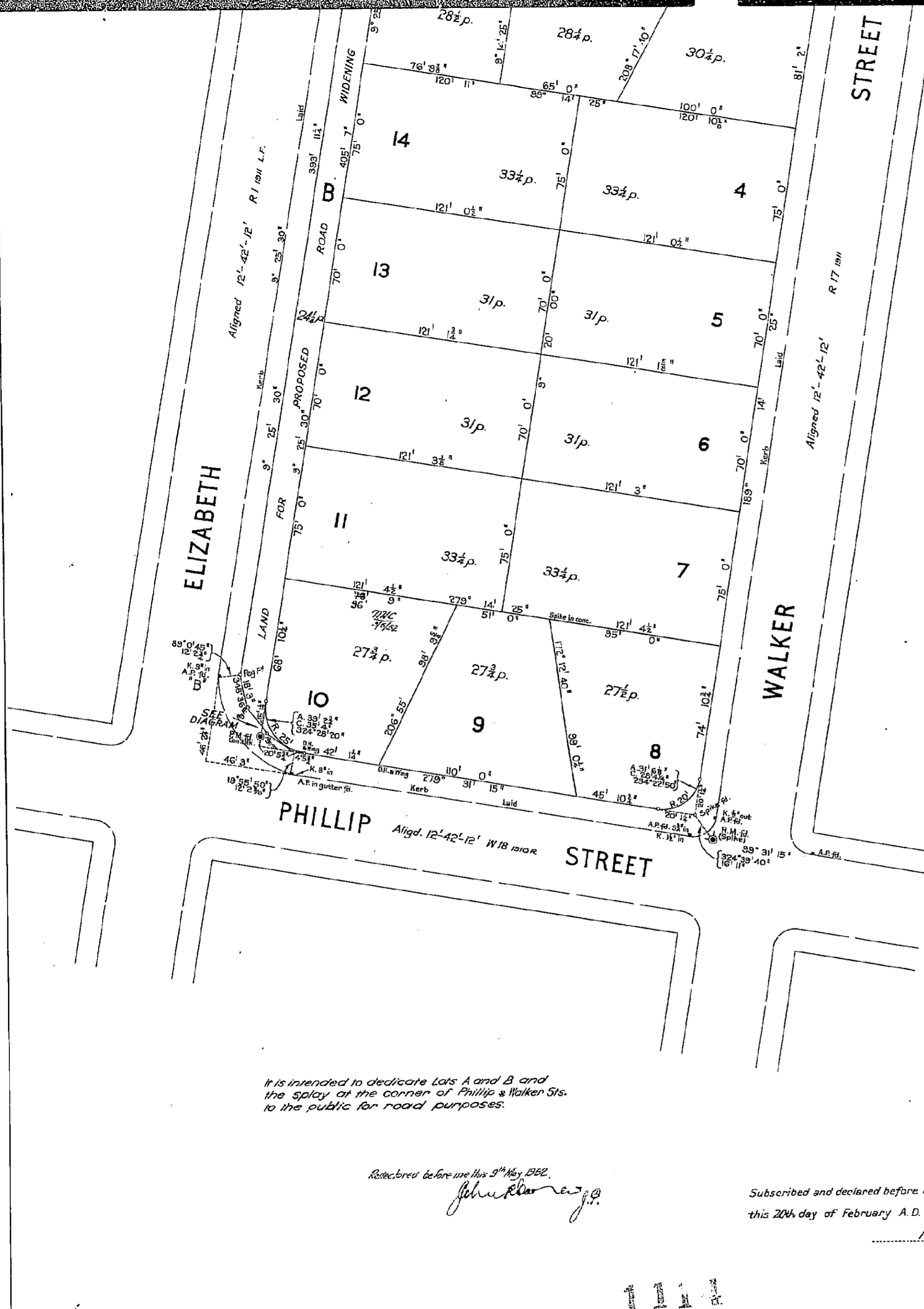


DIAGRAM
Scale: 20 Feet to an Inch

I, Bruce Richard Davies, Registrar for New South Wales, certify that this negative is a photograph made as a permanent record of a document in my custody this 15th day of March, 1978

AMENDMENTS OR ADDITIONS NOTED ON PLAN
IN REGISTRAR GENERAL'S OFFICE.



It is intended to dedicate Lots A and B and the splay at the corner of Phillip & Walker Sts. to the public for road purposes.

Rectified before me this 3rd May 1952.
John R. ...

Subscribed and declared before me at Sydney this 20th day of February A.D. 1951
Blair ... J.P.

I, Waldemar Hugh Cooper of Cooper & Richards, 10 Martin Place, Sydney, a surveyor registered under the Surveyors Act 1929, do hereby solemnly and sincerely declare (a) that all boundaries and measurements shown on this plan are correct, (b) that all survey marks found and relevant physical objects on or adjacent to the boundaries are correctly represented (c) that all physical objects indicated actually exist in the positions shown (d) that the whole of the material facts in relation to the land are correctly represented (e) that the survey represented in this plan has been made in accordance with the Survey Practice Regulations 1933 by me and was completed on 23rd November 1950 and the permanent marks have been placed as shown hereon.

And I make this solemn declaration conscientiously believing the same to be true, and by virtue of the provisions of the Oaths Act 1900.
 (Signature) *Waldemar Hugh Cooper*
 Surveyor registered under the Surveyors Act 1929

Datum Line of Azimuth A-B
 1 1599 L.A.2162.S1891.

DP 35793

I, Bruce Richard Davies, Registrar General for New South Wales, certify that this negative is a photograph made as a permanent record of a document in my custody this 15th day of March, 1978
B.R.D.

AMENDMENTS OR ADDITIONS NOTED ON PLAN
 IN REGISTRAR GENERAL'S OFFICE.

2



OBTAINED FROM LRS ON 09 March 2018 at 11:53 AM AEST

© Office of the Registrar-General 2018

AMENDMENTS AND/OR ADDITIONS NOTED ON
 PLAN BY REGISTRAR GENERAL'S OFFICE.

I, Bruce Richard Davies, Registrar General for New South Wales, certify that this negative is a photograph made as a permanent record of a document in my custody this 19th day of June, 1980.

CONVERSION TABLE ADDED IN DEPARTMENT OF LANDS

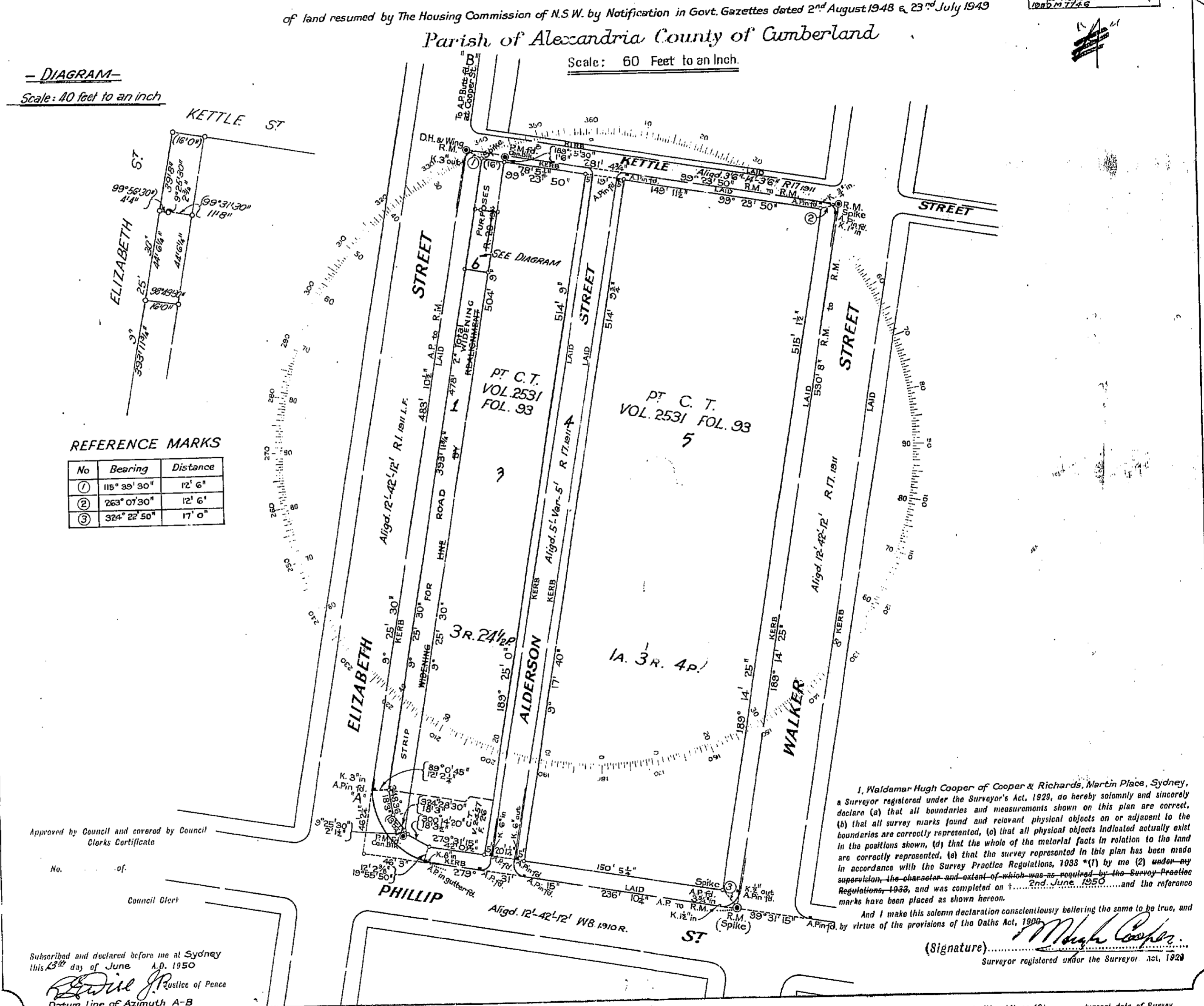
Dp 436293

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-	2 3/4	0.070
-	3	0.076
-	3 3/4	0.095
-	6	0.152
-	8	0.203
-	1 6	0.457
-	2 1 1/2	0.648
-	3 6	1.067
-	4 4	1.321
-	5	1.524
11	8	3.556
12	-	3.658
12	2 1/4	3.715
12	2 3/8	3.718
12	6	3.810
13	5 1/4	4.096
14	-	4.267
16	-	4.877
17	-	5.182
18	3	5.563
18	3 1/4	5.569
18	3 1/2	5.575
19	-	5.791
20	1 1/4	6.128
42	-	12.802
42	0 1/2	12.814
44	6 1/4	13.570
46	2 1/4	14.078
46	3	14.097
78	5 1/4	23.908
149	11 1/2	45.707
150	5 1/4	45.853
160	-	48.768
170	-	51.816
190	-	57.912
236	10 1/4	72.193
281	4 3/4	85.769
393	11 3/4	120.085
478	2	145.745
483	10 1/2	147.485
504	9	153.848
514	9	156.896
514	9 3/4	156.915
515	1 1/2	157.010
530	8	161.747

AC	RD	P	50 M
-	3	24 1/2	3655
1	3	4	7183

F681739
 Plan Form No 6A (for transfers, leases, etc.)
 Municipality of City of Sydney
 Shire of

F.P.436293



Approved by
W. H. Cooper 20/6/50
 Registrar General
 1929, 1974 & 1980

2

This is the plan marked "A" referred to in the Certificate of Resumption, pursuant to section 4 of the 191st Act of Assembly of 1933.

Dated this 13th day of June 1950.

*Strike out either (1) or (2). †insert date of Survey.

PX

07 MAR 1976

1



**LAND
REGISTRY
SERVICES**



NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

9/3/2018 11:36AM

FOLIO: AUTO CONSOL 6587-56

<u>Recorded</u>	<u>Number</u>	<u>Type of Instrument</u>	<u>C.T. Issue</u>
28/10/1997		CONSOL HISTORY RECORD CREATED FOR AUTO CONSOL 6587-56	
		PARCELS IN CONSOL ARE: 3-5/456634.	
18/7/2002	8785689	VARIATION OF LEASE	EDITION 1
		*** END OF SEARCH ***	

advlegs

PRINTED ON 9/3/2018

Obtained from NSW LRS on 09 March 2018 10:36 AM AEST

© Office of the Registrar-General 2018



NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: AUTO CONSOL 6587-56

SEARCH DATE	TIME	EDITION NO	DATE
9/3/2018	11:27 AM	1	18/7/2002

LAND

LAND DESCRIBED IN SCHEDULE OF PARCELS
LOCAL GOVERNMENT AREA SYDNEY
PARISH OF ALEXANDRIA COUNTY OF CUMBERLAND
TITLE DIAGRAM DP456634

FIRST SCHEDULE

NEW SOUTH WALES LAND AND HOUSING CORPORATION

SECOND SCHEDULE (1 NOTIFICATION)

- 1 G109009 LEASE TO THE FEDERATION OF NEW SOUTH WALES POLICE
CITIZENS BOYS CLUB OF LOTS 7-11 INCLUSIVE IN DP35793
0625099 VARIATION
8785689 VARIATION OF LEASE G109009 EXPIRY DATE NOW
23/6/2003

NOTATIONS

NOTE: THE CERTIFICATE OF TITLE FOR THIS FOLIO OF THE REGISTER DOES NOT INCLUDE SECURITY FEATURES INCLUDED ON COMPUTERISED CERTIFICATES OF TITLE ISSUED FROM 4TH JANUARY, 2004. IT IS RECOMMENDED THAT STRINGENT PROCESSES ARE ADOPTED IN VERIFYING THE IDENTITY OF THE PERSON(S) CLAIMING A RIGHT TO DEAL WITH THE LAND COMPRISED IN THIS FOLIO.

NOTE: DISPOSAL OF ANY LOTS IN DP456634 MAY REQUIRE REGISTRATION OF A DEPOSITED PLAN OF SURVEY PURSUANT TO SECTION 114 OF THE REAL PROPERTY ACT, 1900

UNREGISTERED DEALINGS: NIL

SCHEDULE OF PARCELS

LOTS 3-5 IN DP456634.

*** END OF SEARCH ***

Appendix E

SafeWork NSW
Dangerous Goods
Search



SafeWork NSW

Locked Bag 2906, Lisarow NSW 2252

Customer Experience 13 10 50

ABN 81 913 830 179 | www.safework.nsw.gov.au

Our Ref: D18/098887
Your Ref: Kate Holt

6 April 2018

Attention: Kate Holt
AECOM Australia
Level 21
420 George St
Sydney NSW 2000

Dear Ms Holt

RE SITE: 600-660 Elizabeth St Redfern NSW

I refer to your site search request received by SafeWork NSW on 22 March 2018 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

Yours sincerely

A handwritten signature in blue ink, appearing to be 'K. Holt'.

Customer Service Officer
Customer Experience - Operations
SafeWork NSW

Appendix F

Site Inspection
Photographs


PHOTOGRAPHIC LOG			
Client Name: Land and Housing Corporation		Site Location: 600-660 Elizabeth Street, Redfern NSW 2016	Project No.: 60568920
Photo No.: 1	Date: 24/03/2018		
Direction Photo Taken: North-east			
Description: Existing monitoring well located on Site adjacent the northern (Kettle Street) boundary			

Photo No.: 2	Date: 24/03/2018	
Direction Photo Taken: South		
Description: Northern portion of the Site currently vacant		


PHOTOGRAPHIC LOG			
Client Name: Land and Housing Corporation		Site Location: 600-660 Elizabeth Street, Redfern NSW 2016	Project No. 60568920
Photo No. 3	Date: 24/03/2018		
Direction Photo Taken: South-east			
Description: Stockpile of mulch located in the centre of the northern portion of the Site			

Photo No. 4	Date: 24/03/2018		
Direction Photo Taken: Above			
Description: Northern portion site surface comprises patchy grass cover and visible fill materials			


PHOTOGRAPHIC LOG			
Client Name: Land and Housing Corporation		Site Location: 600-660 Elizabeth Street, Redfern NSW 2016	Project No. 60568920
Photo No. 5	Date: 24/03/2018		
Direction Photo Taken: Above			
Description: Piece of slag observed on site surface – northern portion			

Photo No. 6	Date: 24/03/2018		
Direction Photo Taken: West			
Description: Elizabeth Street and boundary between northern (vacant) and southern (PCYC) portion of the Site			


PHOTOGRAPHIC LOG			
Client Name: Land and Housing Corporation		Site Location: 600-660 Elizabeth Street, Redfern NSW 2016	Project No. 60568920
Photo No. 7	Date: 24/03/2018		
Direction Photo Taken: East			
Description: Sewer manhole located in the centre of the northern portion of the Site			

Photo No. 8	Date: 24/03/2018		
Direction Photo Taken: North-east			
Description: Possible building footings observed along northern Site boundary			

PHOTOGRAPHIC LOG			
Client Name: Land and Housing Corporation		Site Location: 600-660 Elizabeth Street, Redfern NSW 2016	Project No.: 60568920
Photo No.: 9	Date: 24/03/2018		
Direction Photo Taken: North			
Description: Kettle Street cul-de-sac and proximity to social housing located immediately north of the Site			

Photo No.: 10	Date: 24/03/2018		
Direction Photo Taken: South			
Description: Elizabeth Street – western boundary of the Site			



PHOTOGRAPHIC LOG			
Client Name: Land and Housing Corporation		Site Location: 600-660 Elizabeth Street, Redfern NSW 2016	Project No.: 60568920
Photo No.: 11	Date: 24/03/2018		
Direction Photo Taken: East			
Description: Boundary between northern (vacant) and southern (PCYC) portion of the Site			

Photo No.: 12	Date: 24/03/2018		
Direction Photo Taken: South-east			
Description: South Sydney PCYC located on the southern portion of the Site			

PHOTOGRAPHIC LOG

Client Name: Land and Housing Corporation		Site Location: 600-660 Elizabeth Street, Redfern NSW 2016	Project No.: 60568920
Photo No.: 13	Date: 24/03/2018		
Direction Photo Taken: East			
Description: South Sydney PCYC located on the southern portion of the Site			

Photo No.: 14	Date: 24/03/2018		
Direction Photo Taken: North			
Description: Elizabeth Street – western boundary of the Site			

PHOTOGRAPHIC LOG


Client Name: Land and Housing Corporation		Site Location: 600-660 Elizabeth Street, Redfern NSW 2016	Project No.: 60568920
Photo No.: 15	Date: 24/03/2018		
Direction Photo Taken: East			
Description: Signal box and PCYC car parking located on the southern boundary of the Site adjacent Phillip Street			

Photo No.: 16	Date: 24/03/2018	
Direction Photo Taken: North-east		
Description: Pit located outside PCYC building on southern boundary of the Site		


PHOTOGRAPHIC LOG			
Client Name: Land and Housing Corporation		Site Location: 600-660 Elizabeth Street, Redfern NSW 2016	Project No.: 60568920
Photo No.: 17	Date: 24/03/2018		
Direction Photo Taken: Above			
Description: Possible historical borehole location in PCYC carpark located on Phillip Street, southern boundary of Site			

Photo No.: 18	Date: 24/03/2018		
Direction Photo Taken: East			
Description: Garbage bins and play equipment located in south-eastern corner of Site			

PHOTOGRAPHIC LOG


Client Name: Land and Housing Corporation		Site Location: 600-660 Elizabeth Street, Redfern NSW 2016	Project No. 60568920
Photo No. 19	Date: 24/03/2018		
Direction Photo Taken: North-west			
Description: Playing equipment located in south-eastern corner of Site			

Photo No. 20	Date: 24/03/2018	
Direction Photo Taken: West		
Description: Sporting courts located in south-eastern portion of Site		

PHOTOGRAPHIC LOG

Client Name: Land and Housing Corporation		Site Location: 600-660 Elizabeth Street, Redfern NSW 2016	Project No.: 60568920
Photo No.: 21	Date: 24/03/2018		
Direction Photo Taken: East			
Description: North-eastern corner of the Site, intersection of Kettle Street and Walker Street, proximity to residents located along Walker Street			

Photo No.: 22	Date: 24/03/2018		
Direction Photo Taken: West			
Description: Kettle Street cul-de-sac and entrance to northern portion of the Site			

PHOTOGRAPHIC LOG			
Client Name: Land and Housing Corporation		Site Location: 600-660 Elizabeth Street, Redfern NSW 2016	Project No.: 60568920
Photo No.: 23	Date: 24/03/2018		
Direction Photo Taken: North			
Description: Eastern Site boundary along Walker Street			

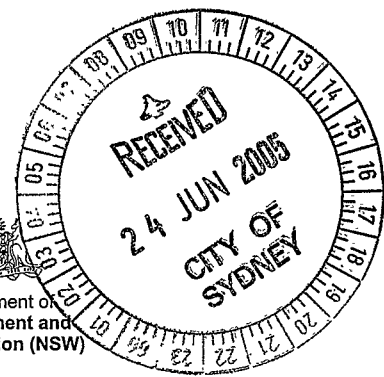
Photo No.: 24	Date: 24/03/2018		
Direction Photo Taken: West			
Description: Letter box and services located at gated entrances on the eastern and western boundaries of the northern portion of the Site. Possible access and services for historical individual residential lots on the northern portion of the Site			

Appendix G

Site Audit Statement

NSW Site Auditor Scheme SITE AUDIT STATEMENT

Department of
Environment and
Conservation (NSW)



A site audit statement summarises the findings of a site audit. For full details of the site auditor's findings, evaluations and conclusions, refer to the associated site audit report.

This form was approved under the Contaminated Land Management Act 1997 on 21 February 2005. For more information about completing this form, go to Part IV.

PART I: Site audit identification

Site audit statement no. KJL003

This site audit is a ~~statutory audit~~/~~non-statutory audit~~* within the meaning of the Contaminated Land Management Act 1997.

Site auditor details (as accredited under the Contaminated Land Management Act 1997)

Name: *Kylie Lloyd*

Company: *Golder Associates Pty Ltd*

Address: *PO Box 1302 Crows Nest, NSW*

Postcode: *1585*

Phone: *02-9478-3900*

Fax *02-9478-3901*

Site details

Address: *Curtis Place, 44-52 Morehead Street, 600-602 Elizabeth Street, 57-75 Walker Street and 35 Kettle Street, Redfern* Postcode *2016*

Property description (attach a list if several properties are included in the site audit)

The site is approximately square in shape; the western and eastern portions are divided by Walker Street, which runs from north to south through the centre of the study area. To the west of Walker street, the majority of the area is currently occupied by 9 residential properties containing 2 storey brick duplex houses. In the south western portion of the Site is a one storey Police and Community Youth Club Building with associated tennis courts and children's playground area. The eastern side of Walker Street contains 5 two storey brick duplex and the eastern side of Morehead Street contains 4 blocks of brick units with front and rear gardens. The southern end of Walker Street is blocked by open space.

Local Government Area: *Bankstown City Council and Strathfield Municipal Council.*

Area of site (e.g. hectares) *approx 2 hectares.* Current zoning *2 (b) Residential (Medium Density) Zone*

To the best of my knowledge, the site ~~is~~/~~is not~~* the subject of a declaration, order, agreement or notice under the Contaminated Land Management Act 1997 or the Environmentally Hazardous Chemicals Act 1985.

Declaration/Order/Agreement/Notice* no(s)

* Strike out as appropriate

Site audit commissioned by

Name: *Ms Helen Wood Company: NSW Department of Housing (Housing Finance Investment Group)*

Address *Locked Bag 4001, Ashfield NSW Postcode 1800*

Phone *8754-8431* Fax *8753-8014*

Name and phone number of contact person (if different from above)

Mr Mark Thompson

Purpose of site audit

A. To determine land use suitability (*please specify intended use[s]*)

Residential use

OR

B(i) To determine the nature and extent of contamination, and/or

B(ii) To determine the appropriateness of an **investigation/remedial action/management plan***, and/or

B(iii) To determine if the land can be made suitable for a particular use or uses by implementation of a specified **remedial action plan/management plan*** (*please specify intended use[s]*)

Information sources for site audit

Consultancy(ies) which conducted the site investigation(s) and/or remediation

Parsons Brinckerhoff Australia Pty Ltd

Title(s) of report(s) reviewed

1. *ERM, Elizabeth Street Redfern, NSW Phase 1 Site Contamination Assessment, dated April 2001. 101047RPT1*
2. *Parsons Brinckerhoff Australia Pty Ltd, Draft Sampling, Analysis and Quality Plan – Stage 2 Environmental Site Assessment, Elizabeth Street Redfern, NSW, Dated May 2004 2116420A PR_8746*
3. *Parsons Brinckerhoff Australia Pty Ltd, Sampling, Analysis and Quality Plan – Stage 2 Environmental Site Assessment, Elizabeth Street Redfern, NSW Dated May 2004, 2116420A PR_8746_Rev A.doc*
4. *Parsons Brinckerhoff Australia Pty Ltd, Draft Stage 2 Environmental Site Assessment, Area Bounded by Elizabeth, Kettle, Phillip and Morehead Streets, Redfern, NSW: 2116420A PR_9255*
5. *Parsons Brinckerhoff Australia Pty Ltd, Stage 2 Environmental Site Assessment, Area Bounded by Elizabeth, Kettle, Phillip and Morehead Streets, Redfern, NSW: 2116420A PR_9255_Rev A*
6. *Parsons Brinckerhoff Australia Pty Ltd Letter Correspondence dated 28 February 2005*

* **Strike out as appropriate**

Other information reviewed (including previous site audit reports and statements relating to the site)

.....
.....
.....

Site audit report

Title *Site Summary Audit Report (Statutory) Lots 1 & 2 in DP435765 and Lots 3,4 &5 in DP456634, Redfern NSW.*

Report no. 04623032/009. Date *May 2005*

PART II: Auditor's findings

Please complete either Section A or Section B, **not** both. (*Strike out the irrelevant section.*)

Use Section A where site investigation and/or remediation has been completed and a conclusion can be drawn on the suitability of land use(s).

Use Section B where the audit is to determine the nature and extent of contamination and/or the appropriateness of an investigation or remedial action or management plan and/or whether the site can be made suitable for a specified land use or uses subject to the successful implementation of a remedial action or management plan.

Section A

~~I certify that, in my opinion, the site is **SUITABLE** for the following use(s) (*tick all appropriate uses and strike out those not applicable*):~~

- ~~Residential, including substantial vegetable garden and poultry~~
- ~~Residential, including substantial vegetable garden, excluding poultry~~
- ~~Residential with accessible soil, including garden (minimal home-grown produce contributing less than 10% fruit and vegetable intake), excluding poultry~~
- ~~Day care centre, preschool, primary school~~
- ~~Residential with minimal opportunity for soil access, including units~~
- ~~Secondary school~~
- ~~Park, recreational open space, playing field~~
- ~~Commercial/industrial~~
- ~~Other (*please specify*)~~

~~subject to compliance with the following environmental management plan (*insert title, date and author of plan*) in light of contamination remaining on the site:~~

.....
.....
.....

OR

~~I certify that, in my opinion, the site is **NOT SUITABLE** for any use due to the risk of harm from contamination.~~

Overall comments

.....
.....
.....
.....

Section B

Purpose of the plan¹ which is the subject of the audit: *Parsons Brinckerhoff Australia Pty Ltd , Stage 2 Environmental Site Assessment, Area Bounded by Elizabeth, Kettle, Phillip and Morehead Streets, Redfern, NSW: 2116420A PR_9255_Rev A*

I certify that, in my opinion:

the nature and extent of the contamination **HAS/HAS NOT*** been appropriately determined

AND/OR

~~the investigation/remedial action plan/management plan* IS/IS NOT* appropriate for the purpose stated above~~

AND/OR

~~the site CAN BE MADE SUITABLE for the following uses (tick all appropriate uses and strike out those not applicable):~~

- ~~Residential, including substantial vegetable garden and poultry~~
- ~~Residential, including substantial vegetable garden, excluding poultry~~
- ~~Residential with accessible soil, including garden (minimal home-grown produce contributing less than 10% fruit and vegetable intake), excluding poultry~~
- ~~Day care centre, preschool, primary school~~
- ~~Residential with minimal opportunity for soil access, including units~~
- ~~Secondary school~~
- ~~Park, recreational open space, playing field~~
- ~~Commercial/industrial~~
- ~~Other (please specify)~~

~~if the site is remediated/managed* in accordance with the following remedial action plan/management plan* (insert title, date and author of plan)~~

.....
.....

~~subject to compliance with the following condition(s):~~

.....

Overall comments

The Auditor concludes that the land in its present form is not suitable for medium density residential land use, and to achieve suitability a Remediation Action Plan is required to address the contamination encountered during the Stage 2 Environmental Site Assessment.

¹ For simplicity, this statement uses the term 'plan' to refer to both plans and reports.

PART III: Auditor's declaration

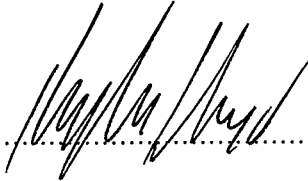
I am accredited as a site auditor by the NSW Environment Protection Authority under the *Contaminated Land Management Act 1997* (Accreditation No. 0302).

I certify that:

- I have completed the site audit free of any conflicts of interest as defined in the *Contaminated Land Management Act 1997*, and
- with due regard to relevant laws and guidelines, I have examined and am familiar with the reports and information referred to in Part I of this site audit, and
- on the basis of inquiries I have made of those individuals immediately responsible for making those reports and obtaining the information referred to in this statement, those reports and that information are, to the best of my knowledge, true, accurate and complete, and
- this statement is, to the best of my knowledge, true, accurate and complete.

I am aware that there are penalties under the *Contaminated Land Management Act 1997* for wilfully making false or misleading statements.

Signed



Date

23/6/5

PART IV: Explanatory notes

To be complete, a site audit statement form must be issued with all four parts.

How to complete this form

Part I identifies the auditor, the site, the purpose of the audit and the information used by the auditor in making the site audit findings.

Part II contains the auditor's opinion of the suitability of the site for specified uses or of the appropriateness of an investigation, or remedial action or management plan which may enable a particular use. It sets out succinct and definitive information to assist decision-making about the use(s) of the site or a plan or proposal to manage or remediate the site.

The auditor is to complete either Section A or Section B of Part II, **not** both.

In **Section A** the auditor may conclude that the land is *suitable* for a specified use(s) OR *not suitable* for any beneficial use due to the risk of harm from contamination.

By certifying that the site is *suitable*, an auditor declares that, at the time of completion of the site audit, no further remediation or investigation of the site was needed to render the site fit for the specified use(s). Any **condition** imposed should be limited to implementation of an environmental management plan to help ensure the site remains safe for the specified use(s). The plan should be legally enforceable: for example a requirement of a notice under the *Contaminated Land Management Act 1997* (CLM Act) or a development consent condition issued by a planning authority. There should also be appropriate public notification of the plan, e.g. on a certificate issued under s.149 of the *Environmental Planning and Assessment Act 1979*.

Auditors may also include **comments** which are key observations in light of the audit which are not directly related to the suitability of the site for the use(s). These observations may cover aspects relating to the broader environmental context to aid decision-making in relation to the site.

In **Section B** the auditor draws conclusions on the nature and extent of contamination, and/or suitability of plans relating to the investigation, remediation or management of the land, and/or whether land can be made suitable for a particular land use or uses upon implementation of a remedial action or management plan.

By certifying that a site *can be made suitable* for a use or uses if remediated or managed in accordance with a specified plan, the auditor declares that, at the time the audit was completed, there was sufficient information satisfying guidelines made or approved under the CLM Act to determine that implementation of the plan was feasible and would enable the specified use(s) of the site in the future.

For a site that *can be made suitable*, any **conditions** specified by the auditor in Section B should be limited to minor modifications or additions to the specified plan. However, if the auditor considers that further audits of the site (e.g. to validate remediation) are required, the auditor must note this as a condition in the site audit statement.

Auditors may also include **comments** which are observations in light of the audit which provide a more complete understanding of the environmental context to aid decision-making in relation to the site.

In **Part III** the auditor certifies his/her standing as an accredited auditor under the CLM Act and makes other relevant declarations.

Where to send completed forms

In addition to furnishing a copy of the audit statement to the person(s) who commissioned the site audit, statutory site audit statements must be sent to:

Department of Environment and Conservation (NSW)

Contaminated Sites Section
PO Box A290, SYDNEY SOUTH NSW 1232
Fax: (02) 9995 5930

AND

the **local council** for the land which is the subject of the audit.