

# CONSULTING EARTH SCIENTISTS

**PRELIMINARY SITE INVESTIGATION  
6A WATSFORD ROAD CAMPBELLTOWN NSW 2560**

PREPARED FOR IBIZ DESIGN AND CONSTRUCTION

CES DOCUMENT REFERENCE: CES180704-IDC-AC

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## **PRELIMINARY SITE INVESTIGATION**

### **6A WATSFORD ROAD CAMPBELLTOWN NSW 2560**

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## **EXECUTIVE SUMMARY**

Consulting Earth Scientists Pty Ltd (CES) was commissioned by Ibiz Design and Construction (the Client) to carry out a Preliminary Site Investigation (PSI) of a site situated at 6A Watsford Road, Campbelltown, NSW 2334. This preliminary site investigation has been prepared to assist with the identification of potential areas of environmental concern arising from the sites historical use, and to identify any potential contamination which may have occurred at the site.

To complete the preliminary site investigation, CES carried out the following scope of works:

- Desk top review, which included a review of the following information:
  - A review of previous investigation, remediation and validation reports if applicable
  - A search of the contaminated land and environmental protection licence databases;
  - A search of records held under the SafeWork NSW Stored Chemical Information Database (SCID);
  - A review of historical aerial photographs;
  - A search and review of title deeds for the site;
  - A review of Section 10.7 (2&5) Certificates;
  - A review of any relevant council records for the site;
  - A search of the Water NSW groundwater bore database;
  - A review of regional topographic and hydrogeologic maps that apply to the site; and
  - A review of regional acid sulphate soil (ASS) maps.
- Completion of a site walkover across the accessible areas of the site by a Senior CES Environmental Engineer to assess and identify present and past recognized environmental conditions (potential contaminating activities or substances), current landforms and site conditions;

- 
- Preparation of a preliminary conceptual site model (CSM) in accordance with the Guidelines for Consultants Reporting on Contaminated Sites (NSW Office of Environment and Heritage (OEH), 2011); and
  - Preparation of this Preliminary Site Investigation Report which presents the information collected as part of the desktop assessment, site walk over and presents the preliminary CSM, and makes outline recommendations with respect to further investigation required.

A plan of the proposed development of a learning centre for Year 10 and Higher School Certificate (HSC) studies. The development consists of a two storey structure, with one level of basement car parking. The proposed development includes limited areas of landscaping, generally towards the periphery of the site, with the remaining areas completed with the proposed structure or pavements.

A limited soil sampling programme was conducted as part of the PSI. Soil sampling consisted of sampling from 2 locations (33% of sample density required for a detailed site investigation in accordance with the *Sampling Design Guidelines* NSW EPA (1995)). Sample locations were selected based on a indicative site coverage. Investigation locations were assessed using boreholes excavated using solid flight auger and rotary coring drilling techniques. The two boreholes were advanced to 8.5 m bgl.

Similar subsurface conditions were encountered in both borehole locations and consisted low plasticity sandy gravelly clay (alluvium) to 4.8 and 5.4 m bgl in BH01 and BH02 respectively underlain by residual soil (low plasticity silty clay/sandy clay/clay) to 5.7 and 5.5 m bgl in BH01 and BH02 respectively, underlain by very low to medium strength shale and siltstone

Samples were analysed for a wide-ranging analytical suite including Total Recoverable Hydrocarbons (TRH), Benzene, Toluene, Ethylbenzene, and Xylene (BTEX), Polycyclic Aromatic Hydrocarbons (PAH), Organochlorine and Organophosphorus Pesticides (OCP/OPP), common metals and metalloids, and asbestos.

An assessment of the laboratory results indicates that the selected contaminants (which are wide-ranging, i.e. potentially derived from a wide range of typical industrial use) do not exceed the conservative residential with garden/accessible soil (includes childcare centres, preschools, and primary schools) screening criteria, and therefore do not exceed criteria for high school sites. In addition, the concentrations do not exceed highly conservative ecological criteria. As a result, based on the preliminary site investigation scope and samples recovered, there is no significant human health or ecological risk at the site.

The preliminary site investigation indicates that there is a low risk of contamination having occurred at the site arising from the site's history prior to the current land use. The current land used has a low risk of contamination.



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In accordance with Section 2.1 of ASC NEMP Schedule B(2) (NEPC 2013) where “*through preliminary site investigation shows a history of non-contaminating activities and there is no other evidence or suspicion of contamination, further investigation is not required.*”

In consideration of the above, the site in its current state is suitable for the proposed development, and no remediation or management of contamination is required.

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**PRELIMINARY SITE INVESTIGATION  
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## LIST OF ABBREVIATIONS

ACM	Asbestos Containing Material
AHD	Australian Height Datum
ASS	Acid Sulfate Soil
BTEX	Benzene, Toluene, Ethylbenzene and Total Xylenes
CES	Consulting Earth Scientists Pty Ltd
CLM	Contaminated Land Management
CoPC	Contaminants of Potential Concern
DECCW	Department of Environment and Climate Change and Water
DLWC	Department of Land and Water Conservation
EPA	Environment Protection Authority
ESA	Environmental Site Assessment
km	Kilometre
LGA	Local Government Area
LPI	Land and Property Information Division
LEP	Local Environmental Plan
m	Metre
mbgl	metres Below Ground Level
MPS	Munmorah Power Station
NEPM	National Environment Protection Measure
NSW	New South Wales
OCF	Organochlorine Pesticide
PAH	Polycyclic Aromatic Hydrocarbon
PSI	Preliminary Site Investigation
PSP	Project Safety Plan
TRH	Total Recoverable Hydrocarbons
UST	Underground Storage Tank
VOC	Volatile Organic Compounds

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## 1 INTRODUCTION

Consulting Earth Scientists Pty Ltd (CES) was commissioned by Ibiz Design and Construction (the Client) to carry out a Preliminary Site Investigation (PSI) of a site situated at 6A Watsford Road, Campbelltown, NSW 2334.

The site is legally described as Lot 113 in Deposited Plan (DP) 1183297. The site location is presented as Figure 1, with a general site layout plan presented as Figure 2.

A Preliminary Site Investigation is defined in Section 2.1 of Schedule B2 *Guideline on Site Characterisation* (ASC NEMP (NEPC, 2013)) which states:

*Preliminary Site Investigations (PSI) usually include a desktop study to collect basic site information and identify the site characteristics (site location, land use, site layout, building construction, geological and hydrogeological setting, historical land uses and activities at the site), a site inspection and interviews with current and past owners, operators and occupiers of the site and preparation of a report.*

This preliminary site investigation has been prepared to assist with the identification of potential areas of environmental concern arising from the sites historical use, and to identify any potential contamination which may have occurred at the site. The PSI will:

- Identify any potential sources of contamination and determine potential contaminants of concern
- Identify any areas of potential contamination;
- Identify any potential human and ecological receptors;
- Identify any potentially affected media (soil, sediment, groundwater, air)
- Investigate identified potential areas of contamination; and
- Provide recommendations on what further investigation and/or remediation is required for the development purpose

This report has been prepared in general accordance with the applicable legislation and guidelines including but not limited to:

- *Contaminated Land Risk Assessment, A Guide to Good Practice* (CIRIA, Document C552, 2001)

- 
- *Guidelines for Consultants Reporting on Contaminated Sites* (NSW Office of Environment and Heritage (OEH), 2011);
  - *National Environmental Protection Measures (Assessment of Site Contamination) Measure 1999 – Schedule B2* (NEPC), as amended 2013);
  - *Sampling Design Guidelines* (NSW EPA 1995);
  - *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM International E1527-13, 2014); and
  - *Planning Guidelines - SEPP 55 Remediation of Land* (DUAP, 1998).



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## 2 SCOPE OF WORK

To complete the preliminary site investigation, CES carried out the following scope of works:

- Desk top review, which included a review of the following information:
  - A review of previous investigation, remediation and validation reports if applicable
  - A search of the contaminated land and environmental protection licence databases;
  - A search of records held under the SafeWork NSW Stored Chemical Information Database (SCID);
  - A review of historical aerial photographs;
  - A search and review of title deeds for the site;
  - A review of Section 10.7 (2&5) Certificates;
  - A review of any relevant council records for the site;
  - A search of the Water NSW groundwater bore database;
  - A review of regional topographic and hydrogeologic maps that apply to the site; and
  - A review of regional acid sulphate soil (ASS) maps.
- Completion of a site walkover across the accessible areas of the site by a Senior CES Environmental Engineer to assess and identify present and past recognized environmental conditions (potential contaminating activities or substances), current landforms and site conditions;
- Preparation of a preliminary conceptual site model (CSM) in accordance with the Guidelines for Consultants Reporting on Contaminated Sites (NSW Office of Environment and Heritage (OEH), 2011); and
- Preparation of this Preliminary Site Investigation Report which presents the information collected as part of the desktop assessment, site walk over and presents the preliminary CSM, and makes outline recommendations with respect to further investigation required.

### 3 SITE INFORMATION

Information presented in this section is summarised from readily available information sources and the Lotsearch site report, presented as Appendix A.

#### 3.1 *SITE IDENTIFICATION*

The site is located at 6A Watsford Road, Campbelltown, NSW 2560, within the Campbelltown City Council Local Government Area (LGA) and comprises one lot, identified as Lot 113 in DP 1183297. The site covers an area of approximately 1,747 m<sup>2</sup> (0.17 ha.) and is approximately rectangular in shape. The geographical extent of the site is presented in Table 1 and presented in Figure 1:

**Table 1: Geographical extent of the site (GDA 1994 MGA 56)**

Corner/point of site	Eastings	Northings
Southeast corner of site	298523	6228890
Northeast corner of site	298541	6228908
Southwest corner of site	298481	6228941
Northwest corner of site	298499	6228961
Centre of site	298511	6228926c

#### 3.2 *SITE DESCRIPTION*

. At the time of investigation, the Site was vacant and covered in landscaped grasses and garden beds with small trees.

#### 3.3 *SURROUNDING LAND USE*

The site is situated in an area of commercial/industrial land use.

The site surrounding land use is presented in Table 2:

**Table 2: Surrounding Land Use**

Orientation	Description
North	Commercial/industrial premises including Hillsong Church South West Campus, National Indoor Sports Facility, and Hi-Tech Industrial Services. Beyond is Bow Bowling Creek.

<b>Orientation</b>	<b>Description</b>
West	Commercial/industrial premises including car lot, Auction Work Campbelltown, Macarthur Ford, Kennards Self Storage Blaxland Road, Caltex Woolworths.
South	Commercial/industrial premises including Campbelltown to Leumeah railway line, Campbelltown Police Station, Caltex Woolworths Campbelltown, 7-Eleven Campbelltown, Campbelltown showground, and St Peter's Anglican Church Cemetery.
East	Commercial/industrial premises including Pedders Suspension – Campbelltown, Pirtek Campbelltown, Campbelltown to Leumeah railway line, Coles Express Service Station, Campbelltown Performing Arts High School, and Campbelltown North Public School.

### **3.4 SENSITIVE RECEPTORS**

Sensitive receptors are presented in Table 3:

**Table 3: Sensitive Receptors Onsite and Nearby**

<b>Sensitive Receptor</b>	<b>Receptor Type</b>	<b>Orientation and Distance from Site</b>
Future Site Workers and Users Childcare Facility	Human Health – Low Density Residential (including childcare facilities)	0 m
Current/Future Nearby Site Workers Commercial/Industrial	Human Health – Commercial/Industrial	0 m North, West, East, South
Bow Bowling Creek Ecological	Ecological.	630 m West

### **3.5 CURRENT AND PROPOSED SITE USE**

The site is currently vacant.

A plan of the proposed development of a learning centre for Year 10 and Higher School Certificate (HSC) studies. The development consists of a two storey structure, with one level of basement car parking. A copy of the basement and ground floor plans of the development is presented as Appendix G.

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The proposed development includes limited areas of landscaping, generally towards the periphery of the site, with the remaining areas completed with the proposed structure or pavements.

### **3.6        *SITE ZONING***

The site is currently zoned as B5 (business development) in the Campbelltown City Council Local Environment Plan 2015.

### **3.7        *PLANNING CERTIFICATES***

Review of Planning Certificates under Section 10.7 of the Environmental Planning and Assessment Act (1979) indicates the following for the subject site:

- The land has not been proclaimed as within a Mine Subsidence District;
- The land is not biodiversity certified land;
- The land does not include or comprise critical habitat;
- The land is not in a conservation area;
- The land has not been identified as bush fire prone land; and
- Development on the land is not subject to flood related development controls.

The following matters are prescribed under section 59 (2) of the Contaminated Land Management Act (1997):

- The land is not significantly contaminated;
- The land is not subject to a management order;
- The land is not subject of an approved voluntary management proposal;
- The land is not subject to an on-going maintenance order; and
- The land is not subject to an audit statement.

A copy of the Section 10.7 certificates is provided in **Appendix A**.

### **3.8        *DANGEROUS GOOD STORAGE***

A search of the SafeWork NSW Stored Chemical Information database and microfiche records has been requested. The PSI will be updated upon receipt of the search results.

### **3.9        *GROUNDWATER BORE SEARCH***

A total of ten registered groundwater bores are located within 2 km of the site. Of the ten, nine are listed as monitoring bores and are not considered further. The remaining bore is listed as unknown. Further details on the bores are presented in Table 4:

**Table 4: Nearby Groundwater Bores – Registered within 2 km of the site**

Borehole ID	Authorised Purpose	Depth (m)	SWL (m)	Distance from site	Direction
GW109213	Monitoring	5.00		233m	South
GW109214	Monitoring	7.00		235m	South
GW109215	Monitoring	5.00		243m	South
GW109212	Monitoring	9.00		250m	South
GW112870	Monitoring	6.50	4.50	289m	West
GW112869	Monitoring	6.50	4.50	310m	West
GW112867	Monitoring	6.50	4.50	330m	West
GW112868	Monitoring	6.50	4.50	336m	West
GW111735	Monitoring	5.00	3.00	1546m	West
213006				1966m	South

### **3.10 SENSITIVE LOCAL ENVIRONMENTS**

Underground Petroleum Storage System (UPSS) environmentally sensitive zones represent areas that are likely to be vulnerable to contamination from leaking UPSS, due to geological or groundwater properties. A review of the Department of Environment, Climate Change and Water (NSW) UPSS Regulation – Sensitive Zones Map (2010) (Campbelltown City Council) shows that the site is not located within a UPSS environmentally sensitive zone.

### **3.11 NSW CONTAMINATED SITE REGISTER**

The site is not listed on the NSW EPA Contaminated Sites Register.

Three sites within a 1 km buffer of the site are listed on the NSW EPA Contaminated Sites Register. Further information on the three sites are presented below. None of the sites are subject to management under the Contaminated Land Management Act 1997, which indicates that the NSW EPA has completed an assessment of the contamination at the site and decided that regulation under the Contaminated Land Management Act 1997 is not required and as such, given the NSW EPA status of these sites, the sites are unlikely to pose an environmental risk to the subject site.

**Table 5: NSW Contaminated Site Registered Sites within 1 km of the site**

Site	Address	Activity	Management Class	Status	Distance from site	Direction
Former vehicle wrecking yard	38 Blaxland Road, Campbelltown	Other Industry	Regulation under CLM Act not required	Current EPA List	272m	West
Mobil Service Station	96-98 Queen Street, Campbelltown	Service Station	Regulation under CLM Act not required	Current EPA List	272m	South
BP Macarthur Service Station	Cnr Blaxland Road and Campbelltown Road, Campbelltown	Service Station	Regulation under CLM Act not required	Current EPA List	982m	North East

### 3.12 *NSW PFAS INVESTIGATION PROGRAMME*

The site is not listed on the NSW EPA PFAS Investigation Programme.

No sites listed on the NSW EPA PFAS Investigation Programme are located within a 1 km buffer of the site.

### 3.13 *GEOLOGY*

A review of the Wollongong-Port Hacking 1:100,000 geological series, sheets 9029 to 9129 provided by the Geological Survey of NSW, Department of Mineral Resource published in 1985 indicates that Site is underlain by Quaternary alluvial deposits comprising quartz and lithic fluvial sand, silt and clay, overlying Ashfield Shale of the Wianamatta Group, comprising laminate and dark-grey siltstone.

### 3.14 *ACID SULFATE SOILS*

No Acid Sulphate Soils Risk Map (Department of Natural Resources (CJ Murphy, 1997, Edition 2, 1:25,000) mapping has been published for the site. With reference to the Australian Atlas of Acid Sulfate Soils the site is located in an area of extremely low probability (1-5%) of the occurrence of Acid Sulfate Soils.

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### **3.15      *HYDROGEOLOGY***

With reference to the Hydrogeological Map of Australia (Commonwealth of Australia (Geoscience Australia)), aquifers underlying the site are likely to be porous, extensive aquifers of low to moderate productivity.

### **3.16      *HYDROLOGY***

Based on observations made during fieldwork the site is likely to drain by overland flows towards the north/northwest towards council stormwater infrastructure. A concrete lined channel, named Bow Bowing Creek, is located along the north east boundary of the site.

It is likely that groundwater at the site will migrate in a north-easterly direction towards the Bow Bowing Creek tributary located to the north east of the site.

### **3.17      *TOPOGRAPHY***

The topography of the site is generally flat, with a slight fall towards north west. The site is situated at approximately 62 m AHD.

### **3.18      *METEOROLOGY***

The following climatic information was obtained from Bureau of Meteorology:

- Mean monthly rainfall was variable throughout the year, with rainfall being highest during March (95.7 mm) and lowest during July (32.5 mm) based on data recorded from June 1966 to Aug 2018 at Kentlyn (Georges River Road) Weather Station No. 068160);
- Highest mean temperatures (recorded at 3 pm) occur during the months of November to March (mean maximum 26.4 to 28.2 degrees Celsius) based on data recorded from June 1966 to Aug 2018 at Minto (Alderney Street) Weather Station No. 068220; and
- Cooler temperatures occur during the months of June to August (mean maximum temperature 17.0 to 18.7 degrees Celsius) based on data recorded from June 1966 to Aug 2018 at Minto (Alderney Street) Weather Station No. 068220.

## 4 SITE HISTORY

A summary of the site history information is presented below.

### 4.1 *TITLE RECORDS*

A summary of historical site ownership determined from the title records is presented in Table 6.

**Table 6: Historical Title Information**

	<b>(Lot 113 DP 1183297)</b>
2014 – to date	Win Corporation Pty Limited
	<b>(Lot 14 DP 1130933)</b>
2009 – 2014	Win Corporation Pty Limited
	<b>(Lot 2 DP 1064393)</b>
2004 – 2009	Win Corporation Pty Limited
	<b>(Lot 18 DP 801717)</b>
2000 – 2004	Win Corporation Pty Limited
1992 – 2000	Campbelltown City Church Inc
1990 – 1992	Wylkoft Pty Limited
	<b>(Lot 12 DP 787701)</b>
1989 – 1990	Wylkoft Pty Limited
1989 – 1989	Dairy Farmers Co-operative Limited
	<b>(Lot 1 DP 234086)</b>
1988 – 1989	Dairy Farmers Co-operative Limited
	<b>(Lot 1 DP 234086 – CTVol 10903 Fol 128)</b>
1968 – 1988	Dairy Farmers Co-operative Limited
	<b>(Lot 42 DP 32311 – CTVol 9390 Fol 75)</b>



1965 – 1968	Dairy Farmers Co-operative Limited
1963 – 1965	Parramatta Hardware Store (Campbelltown) Pty Limited
1963 – 1963	The Council of the Municipality of Campbelltown <i>(vide Resumption)</i>
	<b>(Part Portion 133 Parish St Peter – Area 95 Acres 3 Roods 34 Perches – CTVol 1991 Fol 213)</b>
1960 – 1963	The Council of the Municipality of Campbelltown <i>(vide Resumption)</i>
1909 – 1960	Perpetual Trustee Company Limited
	<b>(Lot 43 DP 32311 – CTVol 9390 Fol 76)</b>
1965 – 1968	Dairy Farmers Co-operative Limited
1963 – 1965	The Council of the Municipality of Campbelltown <i>(vide Resumption)</i>
	<b>(Part Portion 133 Parish St Peter – Area 95 Acres 3 Roods 34 Perches – CTVol 1991 Fol 213)</b>
1960 – 1963	The Council of the Municipality of Campbelltown <i>(vide Resumption)</i>
1909 – 1960	Perpetual Trustee Company Limited

The historical title search does not present any significant environmental concerns based on previous site ownership.

#### **4.2      *REVIEW OF HISTORICAL AERIAL PHOTOGRAPHS***

A review of the historical aerial photographs available for site is presented as Table 7. The table includes an assessment of the site and the surrounding land for each historical aerial photograph. The aim of the review of is to identify potential sources of contamination other than those present at the time of the site walkover.

**Table 7: Historical Aerial Photograph Review**

<b>Year</b>	<b>Description</b>
<b>1956</b>	The 1956 aerial photograph the site and its surrounds appear to consist of undeveloped land. To the north west of the site, the land appears to have tracks present. The Sydney to Goulburn railway can be seen to the south east of the site. Bow Bowling Creek is visible to the north west of the site.
<b>1966</b>	Little has changed between the 1956 and 1965 aerial photographs, both onsite and its surrounding lands, with the exception of alterations to the Bow Bowling Creek, which appears to have been highly modified and channelized, with the natural channel converted to an engineered watercourse.
<b>1970</b>	The site and its surrounds remain generally unchanged.
<b>1984</b>	The site and its surrounds remain generally unchanged.
<b>1994</b>	The site remains generally unchanged. A road appears to be under construction at the northwest boundary of the site, with two commercial buildings having been constructed to the north of the roadway. The Bow Bowling Creek appears to have undergone further modification and now appears to be concrete lined.
<b>2006</b>	The site remains generally unchanged. The surrounding area of the site has undergone significant development, with commercial structures constructed to the south west, north west, north east of the site. The railway line remains to the south east of the site.
<b>2009</b>	The site and its surrounds remain unchanged from the 2006 photograph.
<b>2016</b>	The site and its surrounds remain unchanged from the 2009 photograph.

#### **4.3      *REVIEW OF HISTORICAL TOPOGRAPHICAL MAPS***

The aim of the review of the historical maps supplements the review of the historical aerial photographs since they present annotation which is useful for confirming previous use of the site and identify both structures and landforms which may assist with or attenuate contaminant migration.

**Table 8: Summary of review of historical maps**

<b>Date</b>	<b>Description</b>
<b>1934</b>	The site and its surrounds appear to be undeveloped land. The Sydney to Goulburn railway can be seen to the south east of the site.

<b>1954</b>	The site and its surrounds appear to be undeveloped land. The Sydney to Goulburn railway can be seen to the south east of the site.
<b>1998</b>	The site and its surrounds appear to be undeveloped land. The Sydney to Goulburn railway can be seen to the south east of the site.
<b>2015</b>	The site appears to be located in a developed area. Watsford Road is shown to the north west of the site, forming the sit boundary. The Sydney to Goulburn railway can be seen to the south east of the site.

---

## **5 FIELDWORK**

### **5.1 *SITE WALKOVER OBSERVATIONS***

A site walkover was undertaken by a CES Geotechnical Engineer on 28 August 2018. Selected photographs from the site walkover are presented as Appendix C.

#### **5.1.1 Current Use of the Site**

The site is currently vacant, with the site surface consisting of landscaped grassed areas.

#### **5.1.2 General Description of Structures**

No structures were observed during the site walkover inspection. A concrete acoustic wall is located at the south east boundary of the site, with a suspected area of minor filling at the base of the wall.

#### **5.1.3 Potable Water Supply and Sewage Disposal System**

No potable water supply was observed during the site walkover inspection.

No sewage disposal system was observed during the site walkover inspection.

#### **5.1.4 Use of Petroleum Products and Hazardous Materials**

No hydrocarbon fuel or hazardous materials were observed during the site walkover inspection.

#### **5.1.5 Storage of Petroleum Products and Hazardous Materials**

No bulk fuel storage was observed onsite during the site walkover.

#### **5.1.6 Disposal of Petroleum Products and Hazardous Materials**

No evidence of on-site disposal of petroleum products or hazardous materials was observed on-site during the site walkover.

#### **5.1.7 Odours**

No odours which could reasonably be considered to be indicative of evidence of contamination were detected during the site walkover.

#### **5.1.8 Pools of Liquid, Leaks and Spills**

No pools of liquid, leaks or spills were observed during the site walkover.

#### **5.1.9 Drums and Unidentified Substance Containers**

No drums or unidentified substance containers were observed during the site walkover.

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**5.1.10 PCBs Associated with Electrical or Hydraulic Equipment**

No PCB associated equipment were observed during the site walkover.

**5.1.11 Heating and Cooling System**

No heating and cooling systems were observed onsite during the site walkover.

**5.1.12 Stains or Corrosion on Floors, Walls or Ceilings**

No structures were observed onsite during the site walkover.

**5.1.13 Drains and Sumps**

No drains or sumps were observed during the site walkover.

**5.1.14 Stained Soil or Pavement**

No stained soil was observed during the site walkover.

No pavement was observed during the site walkover.

**5.1.15 Stressed Vegetation**

Where observed, vegetation did not display signs of ecological stress.

**5.1.16 Solid Waste and Waste Filling**

No evidence of solid waste or waste filling was observed during the site walkover inspection.

**5.1.17 Wells**

No groundwater wells were observed onsite during the site walkover.

**5.1.18 Asbestos Containing Materials**

No suspected Asbestos Containing Materials (ACM) were observed on-site during the site walkover.

**5.1.19 Lead Based Paint**

No structures were observed onsite during the site walkover.

**5.1.20 Fire Fighting Chemicals**

No firefighting chemicals were observed during the site walkover.

**5.2 LIMITED SOIL SAMPLING**

A limited soil sampling programme was conducted as part of the PSI. Soil sampling consisted of sampling from 2 locations (33% of sample density required for a detailed site investigation in

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accordance with the *Sampling Design Guidelines* NSW EPA (1995)). Sample locations were selected based on a indicative site coverage.

Investigation locations were assessed using boreholes excavated using solid flight auger and rotary coring drilling techniques. The two boreholes were advanced to 8.5 m bgl. During drilling, a CES Environmental Engineer recorded the encountered subsurface conditions, prepared a log of the borehole, recorded observations of groundwater and olfactory and visual indicators of contamination, and collected representative soil samples. Based on field observations, two samples were collected and sent to a NATA accredited laboratory for analysis. Soil samples were collected in a laboratory supplied decontaminated glass jar with a Teflon lined lid. Following collection in the jar, samples were immediately placed in an ice cooled esky for transportation to the laboratory under chain of custody protocols.

Samples were analysed for a wide-ranging analytical suite including Total Recoverable Hydrocarbons (TRH), Benzene, Toluene, Ethylbenzene, and Xylene (BTEX), Polycyclic Aromatic Hydrocarbons (PAH), Organochlorine and Organophosphorus Pesticides (OCP/OPP), common metals and metalloids, and asbestos.

Following drilling boreholes were backfilled with cuttings.

## 6 LIMITED SOIL SAMPLING RESULTS

### 6.1 *ENCOUNTERED SUBSURFACE CONDITIONS*

An inferred geotechnical model has been prepared for the Site based on the boreholes. The inferred geotechnical model is presented in Table 9. The depths of the various strata are based on the depths encountered at the borehole locations and may be different at other parts of the Site. Detailed descriptions and depths of materials encountered are presented on the geotechnical borehole logs enclosed in Appendix D.

**Table 9: Geotechnical Model of the Site**

Unit	Geotechnical Unit	Approximate Depth to base of Unit (m)	Estimated Thickness (m)	Typical Description
Unit 1	Topsoil	0.1 to 0.15	0.1 to 0.15	Sandy Clay, low plasticity, pale brown. Sands fine grained, sub-rounded with some silt and fine gravels. Trace organics including fine roots.
Unit 2	Alluvium	4.8 to 5.4	4.7 to 5.25	Sandy Gravelly Clay, low plasticity, mottled brown, grey and pale orange. Sands typically fine grained and sub-rounded. Gravels sub-rounded. Trace silt. Stiff to very stiff.
Unit 3	Residual Soil	5.5 to 5.7	0.1 to 0.9	Silty Clay, low plasticity, dark grey. Residual soil from extremely weathered rock underlying the site, fragments of very low strength Shale present. Very stiff to hard.
Unit 4	Extremely and Highly Weathered Shale (Class IV) *	6.2 to 7.1m	0.7 to 1.4m	Shale, fine grained, highly to extremely weathered and low to very low strength [Ashfield Shale]
Unit 5	Moderately and Slightly Weathered Shale (Class III) *	Greater than 8.4m	Greater than 2.1m	Shale, fine grained, slightly to moderately weathered and medium strength [Ashfield Shale]

\*Shale classification in accordance with P.J.N Pells et al

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## **6.2      *FIELD SCREENING***

No soils encountered during fieldwork exhibited visual or olfactory indicators of contamination such as odours or staining.

## **6.3      *LABORATORY ANALYSIS***

Laboratory Certificates of Analysis and Chain of Custody documentation are presented as Appendix E.

A summary of laboratory analysis and a comparison of the analysis results to the ASC NEPM (NEPC 2013) HIL A/HSL A for developments including childcare facilities is presented as Table 11.

An assessment of the laboratory results indicates that the selected contaminants (which are wide-ranging, i.e. potentially derived from a wide range of typical industrial use) do not exceed the conservative residential with garden/accessible soil (includes childcare centres, preschools, and primary schools) screening criteria, and therefore do not exceed criteria for high school sites. In addition, the concentrations do not exceed highly conservative ecological criteria. As a result, based on the preliminary site investigation scope and samples recovered, there is no significant human health or ecological risk at the site.



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## 7 DISCUSSION

A summary of the results arising from the preliminary site assessment are presented below:

- The site is located in an area of commercial/industrial land use;
- There is no evidence of previous development at the site;
- There was no evidence of bulk fuel or chemical storage at the site;
- There is no evidence of a significant contamination risk based on a review of the site's historical use;
- Suspected fill material was observed in fill mounds were observed in the south east and north east of the site (as indicated on Figure 2). The origin of the fill material is unknown, and the site does not appear to have undergone disturbance since prior to 1956 (based on aerial photographs);
- The laboratory analysis results indicated that the fill samples collected were not impacted above human health or ecologically based low density residential land use (including childcare facilities) screening criteria, however only limited sampling of fill materials was undertaken;
- Groundwater was not encountered during the investigation, which terminated at 8.5 m bgl;

Based on the site observations, desk-based records and limited soil sampling programme, a preliminary conceptual site model has been prepared and is detailed in Section 7.1 below.

### 7.1 *PRELIMINARY CONCEPTUAL SITE MODEL*

#### 7.1.1 **Potential Contaminant Sources and Contaminants of Concern**

The following potential sources of contamination have been identified during the desk-based study, along with the Contaminants of Potential Concern associated with each potential source:

- Fill of unknown origin: suspected imported fill was not detected in boreholes however a fill mound was observed at the north and south eastern site boundary. The origin of the fill material is unknown and may be imported to site. Contaminants associated with imported fill include:
  - Asbestos;
  - Total Recoverable Hydrocarbons (TRH);
  - Benzene, Toluene, Ethylbenzene, and Xylene (BTEX);
  - Polycyclic Aromatic Hydrocarbons (PAH);
  - Organochlorine and Organo-phosphorous Pesticides (OCP/OPP); and
  - Common metals and metalloids.

It should be noted that the fill materials were not observed in boreholes and are associated with 2 minor areas of the site, based visible landform. In addition, limited areas of landscaping were are

included in the proposed development plans, therefore the risk from the fill materials is considered to be low.

### **7.1.2 Migration Pathways**

The following migration pathways were identified during the desk-based study:

- Leaching from soil/sediments;
- Migration through soil;
- Groundwater migration;
- Surface water transport (dissolved/particulate);
- Wind transport (particulate/vapour);
- Preferential pathways through higher permeability materials; and
- Volatilisation.

Given that the identified contaminants of concern were not detected above the relevant screening levels, the identified pathways for contaminant migration are not relevant.

### **7.1.3 Exposure Pathways**

The following exposure pathways were identified:

- Incidental ingestion;
- Ingestion;
- Inhalation of particulates;
- Inhalation of vapours;
- Dermal contact; and
- Ecological uptake.

Given that the identified contaminants of concern were not detected above the relevant screening levels, the identified exposure pathways are not relevant.

### **7.1.4 Receptors**

The following receptors were considered relevant:

- Future construction workers on-site;
- Future students (children) and staff; and
- Current and future site workers nearby sites.

Given that the identified contaminants of concern were not detected above the relevant screening levels, the identified receptors should not be at risk from contaminants detected at this site.

**Table 10:** Preliminary Conceptual Site Model.

Source	Contaminant	Migration Pathway	Exposure Pathway	Receptor	Risk
Imported fill: (minor area of filling)	Asbestos;  Total Recoverable Hydrocarbons (TRH);  Benzene, Toluene, Ethylbenzene, and Xylene (BTEX);  Polycyclic Aromatic Hydrocarbons (PAH);  Organochlorine and Organophosphorus Pesticides (OCP/OPP); and  Common metals and metalloids.	Leaching from soil/sediments;  Groundwater migration;  Migration through soil;  Surface water transport (dissolved/particulate);  Wind transport (particulate/vapour);  Preferential pathways through higher permeability materials; and  Volatilisation.	Incidental ingestion;  Ingestion;  Inhalation of particulates;  Inhalation of vapours;  Dermal contact;  Ecological uptake.	Future construction workers onsite;  Future Students (children) and Staff  Current and future site workers nearby sites;	Low

## **7.2 RECOMMENDATIONS**

The preliminary site investigation indicates that there is a low risk of contamination having occurred at the site arising from the site's history prior to the current land use. The current land used has a low risk of contamination.

In accordance with Section 2.1 of ASC NEMP Schedule B(2) ASC NEMP Schedule B(2) (NEPC 2013) where *“through preliminary site investigation shows a history of non-contaminating activities and there is no other evidence or suspicion of contamination, further investigation is not required.”*

In consideration of the above, the site in its current state is suitable for the proposed development, and no remediation or management of contamination is required.

Where the development requires that soils are to be disposed of offsite, materials should be appropriately classified in accordance with the NSW EPA *Waste Classification Guidelines* (2014), and disposed of at a suitably licenced was facility, capable of accepting the waste.

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## **8 LIMITATIONS OF THIS REPORT**

This report has been prepared for use by the client who commissioned the works in accordance with the project brief and based on information provided by the client. The advice contained in this report relates only to the current project and all results, conclusions and recommendations should be reviewed by a competent person with experience in geotechnical and environmental investigations before being used for any other purpose. CES accepts no liability for use or interpretation by any person or body other than the client. This report must not be reproduced except in full and must not be amended in any way without prior approval by the client and CES.

This report does not provide a complete assessment of the environmental status of the site and is limited to the scope defined therein. Should information become available regarding conditions at the site including previously unknown sources of contamination, CES reserves the right to review the report in the context of the additional information.

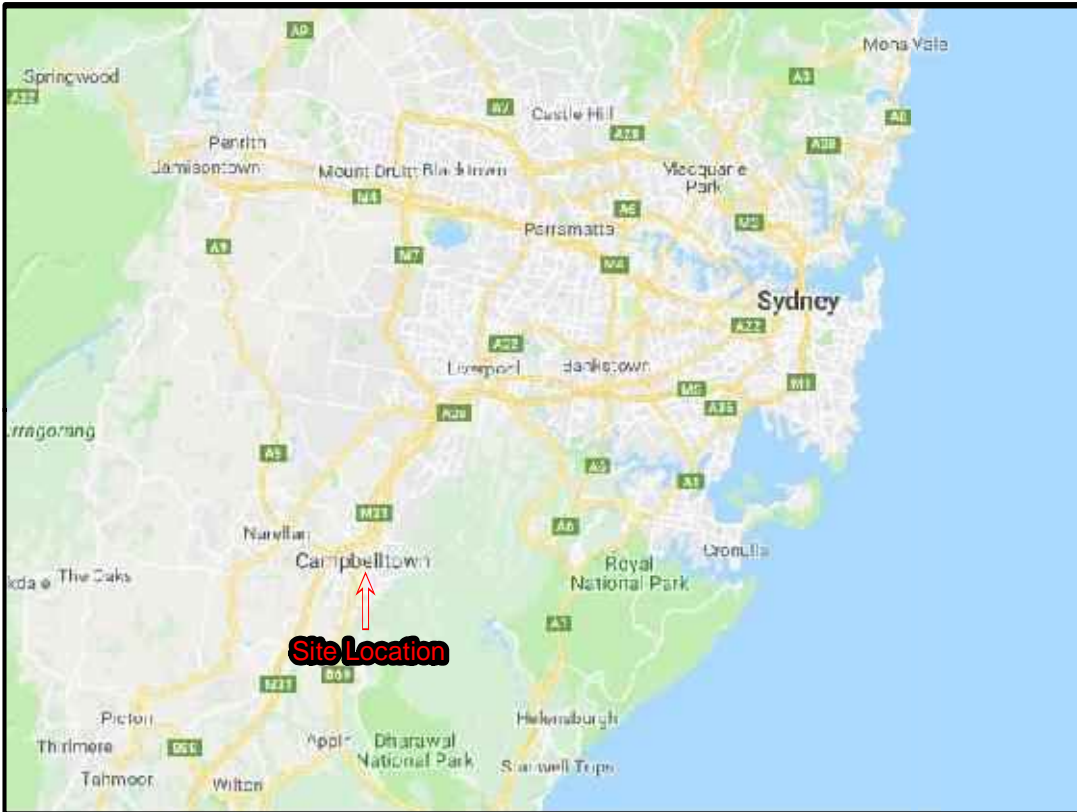
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## 9 REFERENCES

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- Pells, P.J.N., Mostyn, G., and Walker, B.F. (1998), Foundations on Sandstone and Shale in the Sydney Region, Australian Geomechanics Journal.
- .

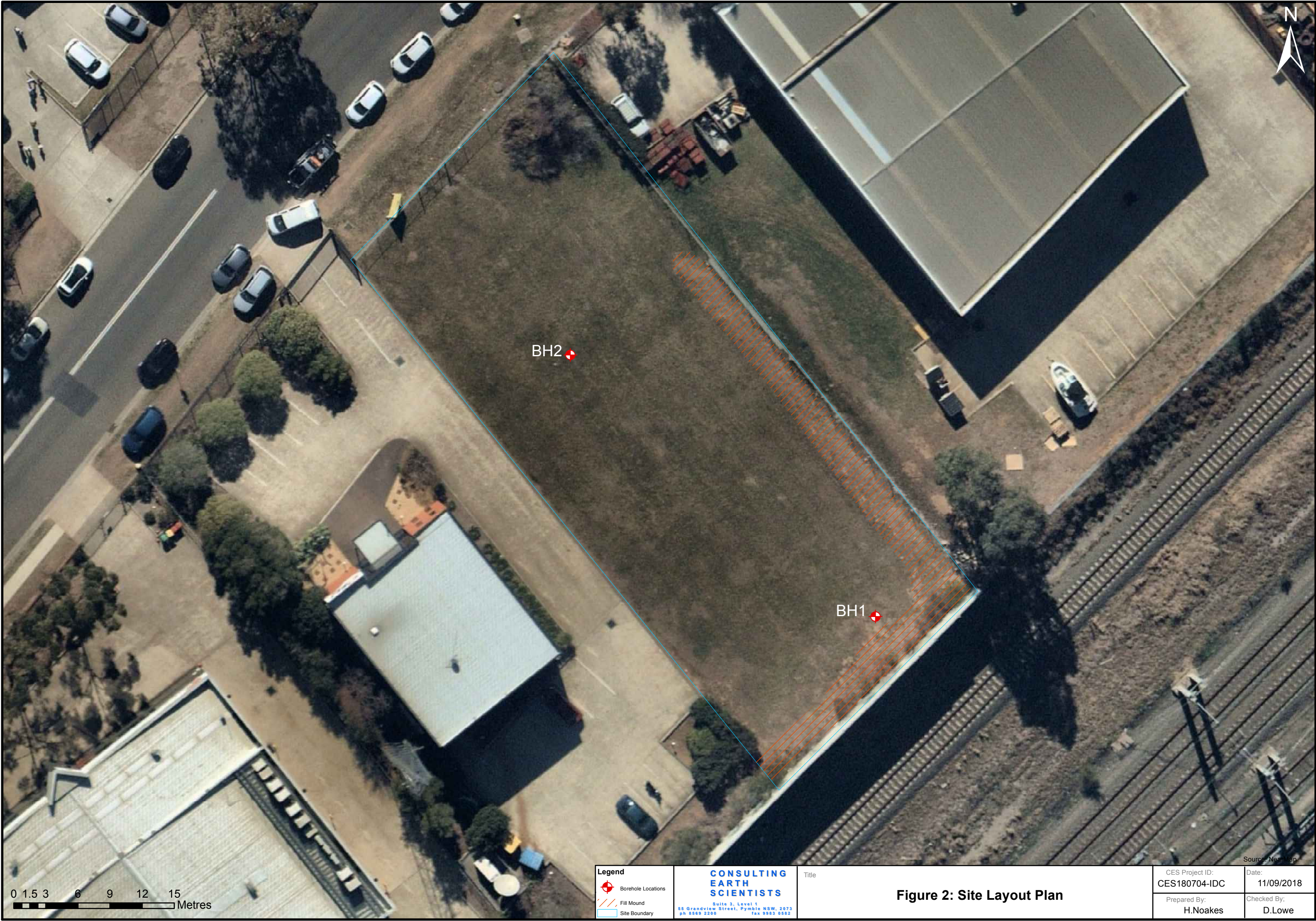
## **Figures**





<b>Legend</b> Site Boundary	 Suite 3, Level 1 55 Grandview Street, Pymble NSW, 2073 ph 9569 2200 fax 9563 0582	Title  <b>Figure 1: Site Location Plan</b>	CES Project ID: CES180704-IDC	Date: 11/09/2018
			Prepared By: H.Noakes	Checked By: D.Lowe





0 1.5 3 6 9 12 15 Metres

**Legend**  
Borehole Locations  
Fill Mound  
Site Boundary

**CONSULTING  
EARTH  
SCIENTISTS**  
Suite 3, Level 1  
85 Grandview Street, Pymble NSW, 2073  
ph 8569 2200 fax 9983 6682

Title

**Figure 2: Site Layout Plan**

CES Project ID: CES180704-IDC	Date: 11/09/2018
Prepared By: H.Noakes	Checked By: D.Lowe



## **Appendix A**



# LOTSEARCH

LOTSEARCH ENVIRO PROFESSIONAL

**Date: 27 Aug 2018 15:43:24**

**Reference: LS004058**

**Address: 6A Watsford Road, Campbelltown, NSW 2560**

**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 confidence is given under the field heading “LocConf” or “Location Confidence”.

Location Confidence	Description
Premise Match	Georeferenced to the site location / premise or part of site
Area Match	Georeferenced with the confidence of the general/approximate area
Road Match	Georeferenced to the road or rail
Road Intersection	Georeferenced to the road intersection
Buffered Point	Feature is a buffered point
Network of Features	Georeferenced to a network of features

## Dataset Listing

Datasets contained within this report, detailing their source and data currency:

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features Onsite	No. Features within 100m	No. Features within Buffer
Cadastre Boundaries	Dept. Finance, Services & Innovation	27/08/2018	27/08/2018	Daily	-	-	-	-
Topographic Data	Dept. Finance, Services & Innovation	17/07/2018	17/07/2018	As required	-	-	-	-
List of NSW contaminated sites notified to EPA	Environment Protection Authority	07/08/2018	02/08/2018	Monthly	1000	0	0	3
Contaminated Land Records of Notice	Environment Protection Authority	01/08/2018	01/08/2018	Monthly	1000	0	0	1
Former Gasworks	Environment Protection Authority	01/08/2018	11/10/2017	Monthly	1000	0	0	0
National Waste Management Site Database	Geoscience Australia	07/08/2018	07/03/2017	Quarterly	1000	0	0	0
EPA PFAS Investigation Program	Environment Protection Authority	07/08/2018	07/08/2018	Monthly	2000	0	0	0
EPA Other Sites with Contamination Issues	Environment Protection Authority	11/01/2018	11/01/2018	As required	1000	0	0	0
Licensed Activities under the POEO Act 1997	Environment Protection Authority	02/08/2018	02/08/2018	Monthly	1000	0	2	2
Delicensed POEO Activities still Regulated by the EPA	Environment Protection Authority	02/08/2018	02/08/2018	Monthly	1000	0	0	1
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority	02/08/2018	02/08/2018	Monthly	1000	0	5	6
UPSS Environmentally Sensitive Zones	Environment Protection Authority	14/04/2015	12/01/2010	As required	1000	0	0	0
UBD Business to Business Directory 1991 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	3	4
UBD Business to Business Directory 1991 (Road & Area Matches)	Hardie Grant			Not required	150	-	0	17
UBD Business to Business Directory 1986 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	0	6
UBD Business to Business Directory 1986 (Road & Area Matches)	Hardie Grant			Not required	150	-	0	42
UBD Business Directory 1982 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	0	8
UBD Business Directory 1982 (Road & Area Matches)	Hardie Grant			Not required	150	-	0	35
UBD Business Directory 1970 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	0	0
UBD Business Directory 1970 (Road & Area Matches)	Hardie Grant			Not required	150	-	0	39
UBD Business Directory 1961 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	0	0
UBD Business Directory 1961 (Road & Area Matches)	Hardie Grant			Not required	150	-	0	111
UBD Business Directory 1950 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	0	0
UBD Business Directory 1950 (Road & Area Matches)	Hardie Grant			Not required	150	-	0	49
UBD Business Directory Drycleaners & Motor Garages/Service Stations (Premise & Intersection Matches)	Hardie Grant			Not required	500	0	0	26
UBD Business Directory Drycleaners & Motor Garages/Service Stations (Road & Area Matches)	Hardie Grant			Not required	500	-	0	17
Points of Interest	Dept. Finance, Services & Innovation	17/07/2018	17/07/2018	Quarterly	1000	0	1	49
Tanks (Areas)	Dept. Finance, Services & Innovation	17/07/2018	17/07/2018	Quarterly	1000	0	0	0
Tanks (Points)	Dept. Finance, Services & Innovation	17/07/2018	17/07/2018	Quarterly	1000	0	0	0

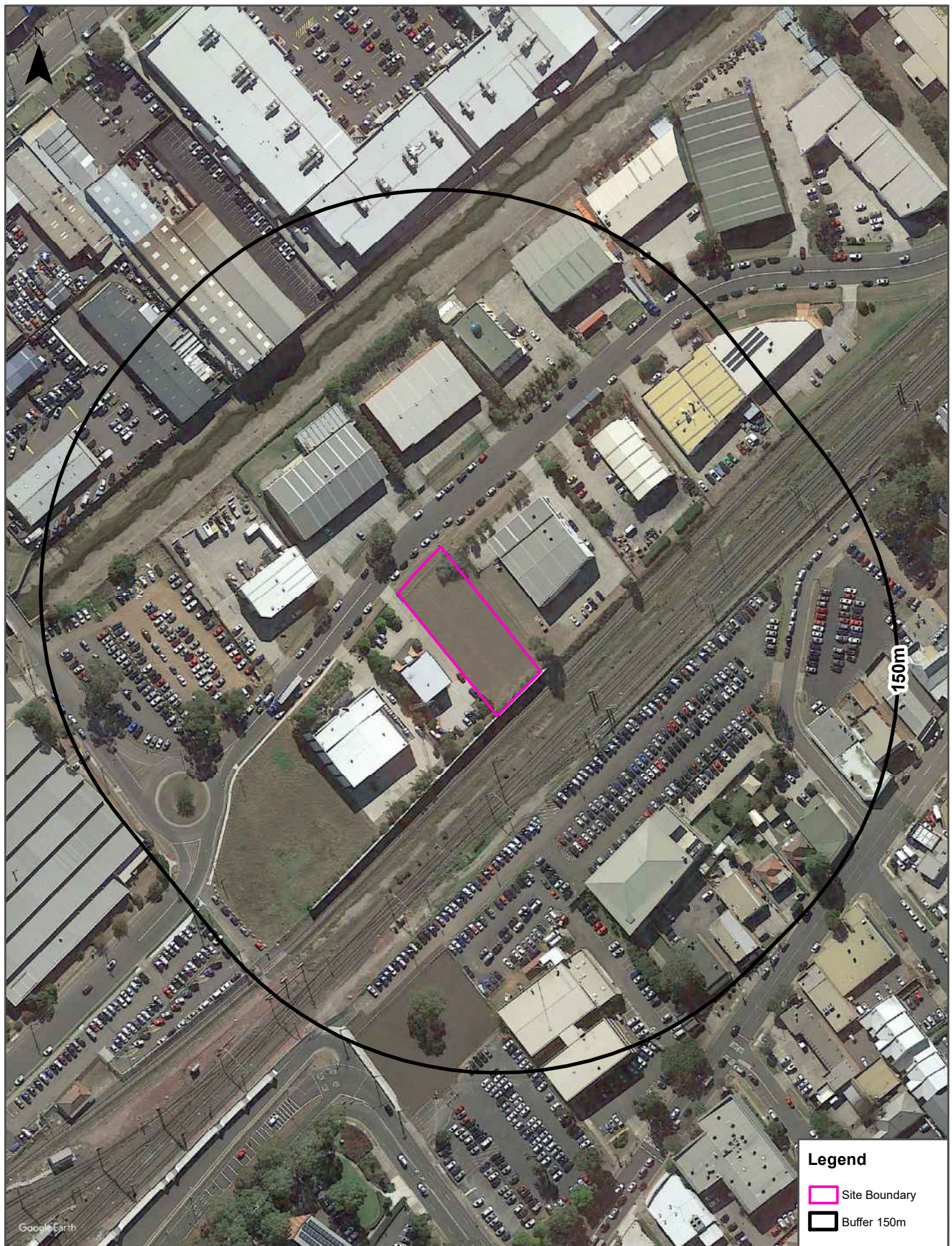
Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features Onsite	No. Features within 100m	No. Features within Buffer
Major Easements	Dept. Finance, Services & Innovation	17/07/2018	17/07/2018	As required	1000	0	0	3
State Forest	Dept. Finance, Services & Innovation	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
Botany Groundwater Management Zones	NSW Department of Primary Industries	15/03/2018	01/10/2005	As required	1000	0	0	0
Groundwater Boreholes	NSW Dept. of Primary Industries - Water NSW; Commonwealth of Australia (Bureau of Meteorology)	24/07/2018	23/07/2018	Annually	2000	0	0	10
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	-	0
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	-	1
Atlas of Australian Soils	CSIRO	19/05/2017	17/02/2011	As required	1000	1	1	2
Standard Local Environmental Plan Acid Sulfate Soils	NSW Planning and Environment	07/10/2016	07/10/2016	As required	500	0	-	-
Atlas of Australian Acid Sulfate Soils	CSIRO	19/01/2017	21/02/2013	As required	1000	1	1	1
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	1	3	11
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	0
SEPP Strategic Land Use Areas	NSW Planning and Environment	01/08/2017	28/01/2014	Annually	1000	0	0	0
LEP - Land Zoning	NSW Planning and Environment	23/07/2018	29/06/2018	Quarterly	1000	1	4	53
LEP - Minimum Subdivision Lot Size	NSW Planning and Environment	23/07/2018	13/07/2018	Quarterly	0	0	-	-
LEP - Height of Building	NSW Planning and Environment	09/08/2018	22/06/2018	Quarterly	0	1	-	-
LEP - Floor Space Ratio	NSW Planning and Environment	23/07/2018	06/07/2018	Quarterly	0	0	-	-
LEP - Land Application	NSW Planning and Environment	23/07/2018	29/06/2018	Quarterly	0	1	-	-
LEP - Land Reservation Acquisition	NSW Planning and Environment	23/07/2018	13/07/2018	Quarterly	0	0	-	-
State Heritage Items	NSW Office of Environment & Heritage	04/04/2018	30/09/2016	Quarterly	1000	0	0	5
Local Heritage Items	NSW Planning and Environment	04/04/2018	23/03/2018	Quarterly	1000	0	0	27
Bush Fire Prone Land	NSW Rural Fire Service	08/08/2018	31/07/2018	Quarterly	1000	0	0	2
Native Vegetation of the Sydney Metropolitan Area	NSW Office of Environment & Heritage	01/03/2017	16/12/2016	As required	1000	1	1	5
RAMSAR Wetlands	Commonwealth of Australia Department of the Environment	08/10/2014	24/06/2011	As required	1000	0	0	0
Groundwater Dependent Ecosystems	Bureau of Meteorology	14/08/2017	15/05/2017	Unknown	1000	0	0	0
Inflow Dependent Ecosystems Likelihood	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	27/08/2018	27/08/2018	Daily	10000	-	-	-



# Aerial Imagery 2016

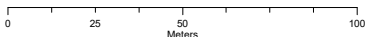
6A Watsford Road, Campbelltown, NSW 2560



## Legend

- Site Boundary
- Buffer 150m

Scale:



Data Source Aerial Imagery: © 2018 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.

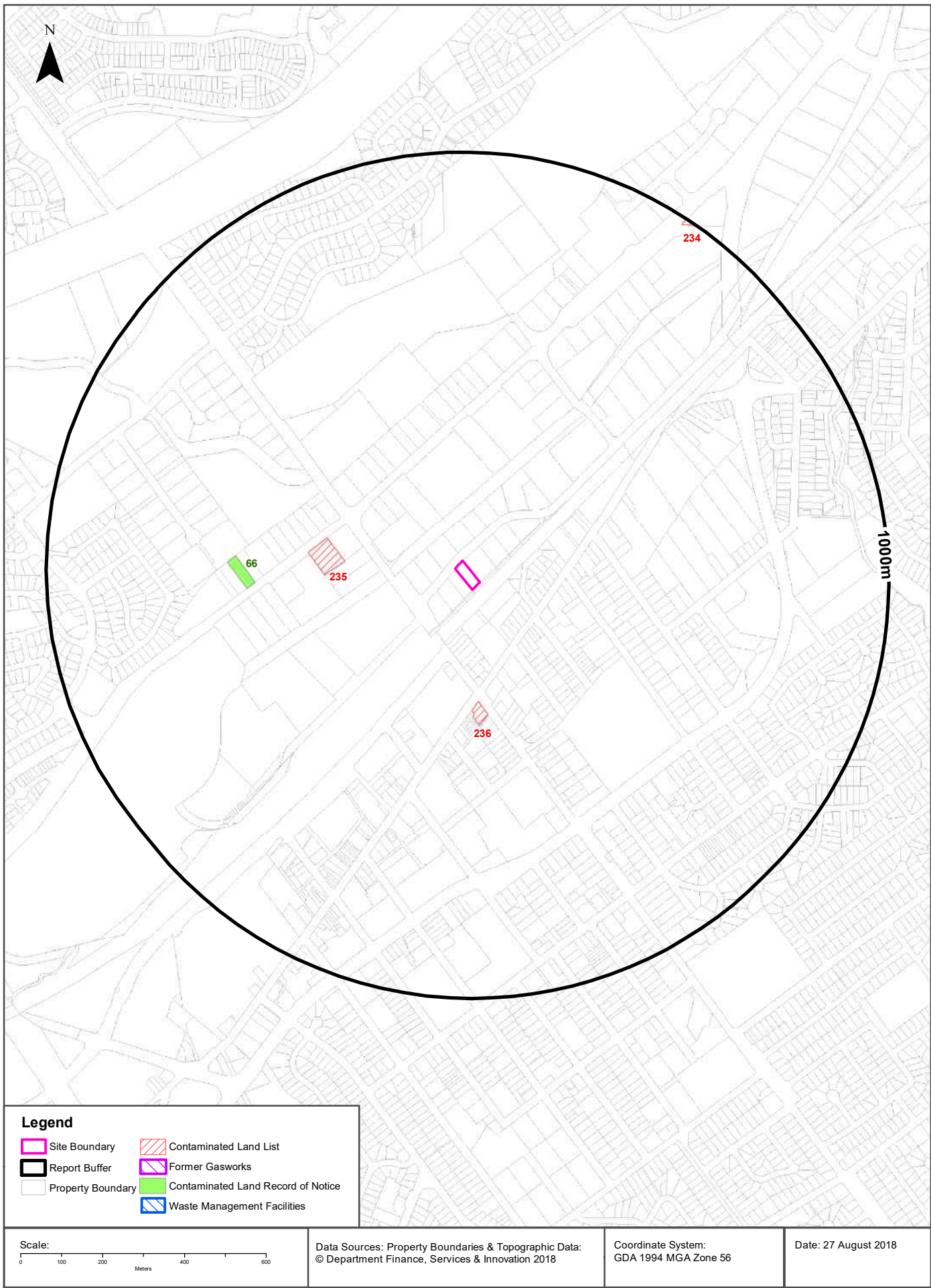
Coordinate System:  
GDA 1994 MGA Zone 56

Date: 24 August 2018



# Contaminated Land & Waste Management Facilities

6A Watsford Road, Campbelltown, NSW 2560



# Contaminated Land & Waste Management Facilities

6A Watsford Road, Campbelltown, NSW 2560

## 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
235	Former vehicle wrecking yard	38 Blaxland Road	Campbelltown	Other Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	272m	West
236	Mobil Service Station	96-98 Queen Street	Campbelltown	Service Station	Regulation under CLM Act not required	Current EPA List	Premise Match	272m	South
234	BP Macarthur Service Station	Cnr Blaxland Road and Campbelltown Road	Campbelltown	Service Station	Regulation under CLM Act not required	Current EPA List	Premise Match	982m	North East

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

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

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

## Contaminated Land & Waste Management Facilities

6A Watsford Road, Campbelltown, NSW 2560

### Contaminated Land: Records of Notice

Record of Notices within the dataset buffer:

Map Id	Name	Address	Suburb	Notices	Area No	Location Confidence	Distance	Direction
66	Chemical Storage	62 Blaxland Road	Campbelltown	3 former	3021	Premise Match	491m	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: Geoscience Australia  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## EPA PFAS Investigation Program

6A Watsford Road, Campbelltown, NSW 2560

## 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
N/A	No records in buffer				

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

## EPA Other Sites with Contamination Issues

6A Watsford Road, Campbelltown, NSW 2560

### EPA Other Sites with Contamination Issues

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

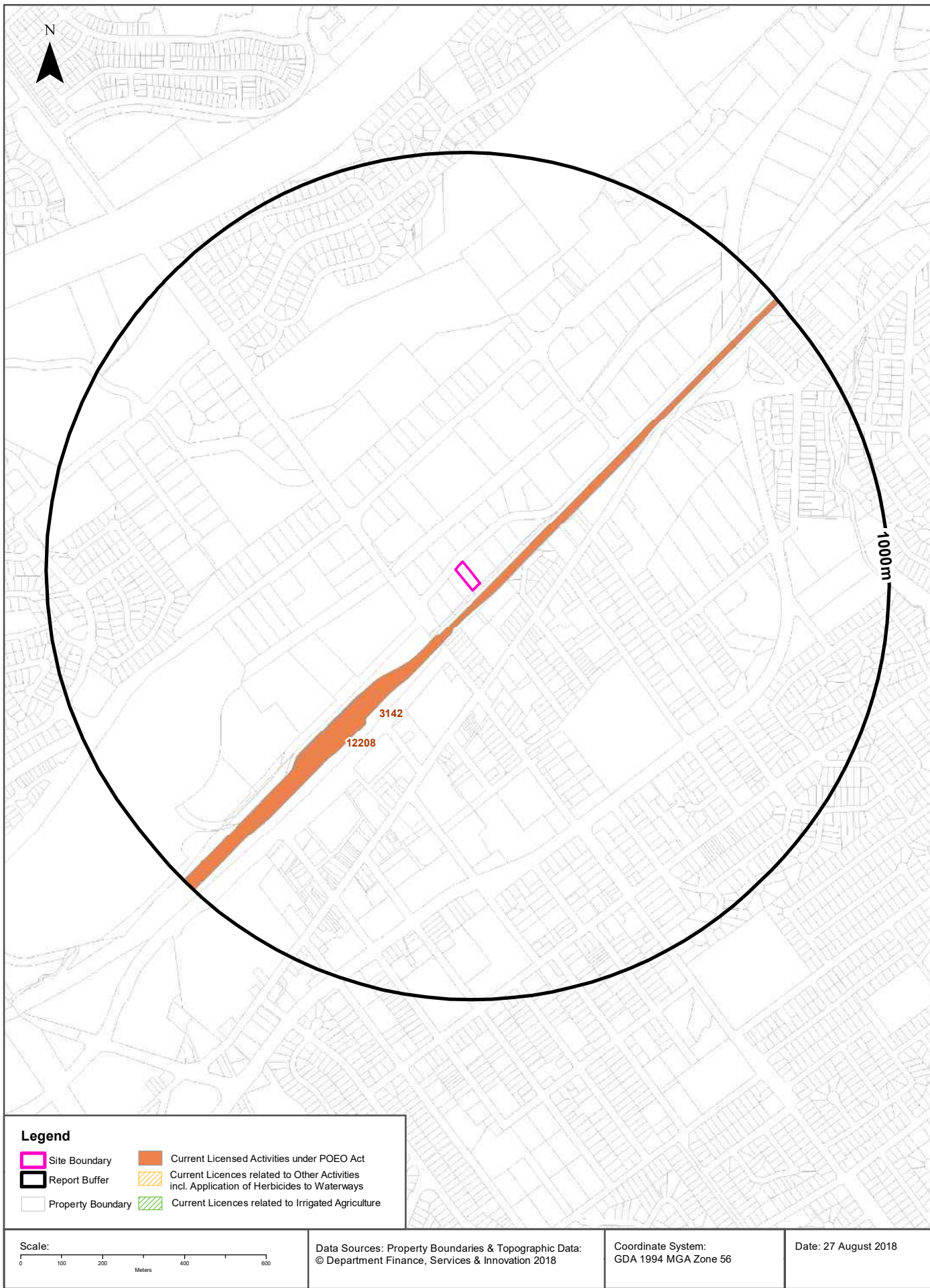
- James Hardie asbestos manufacturing and waste disposal sites
- Radiological investigation sites in Hunter's Hill

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





## EPA Activities

6A Watsford Road, Campbelltown, NSW 2560

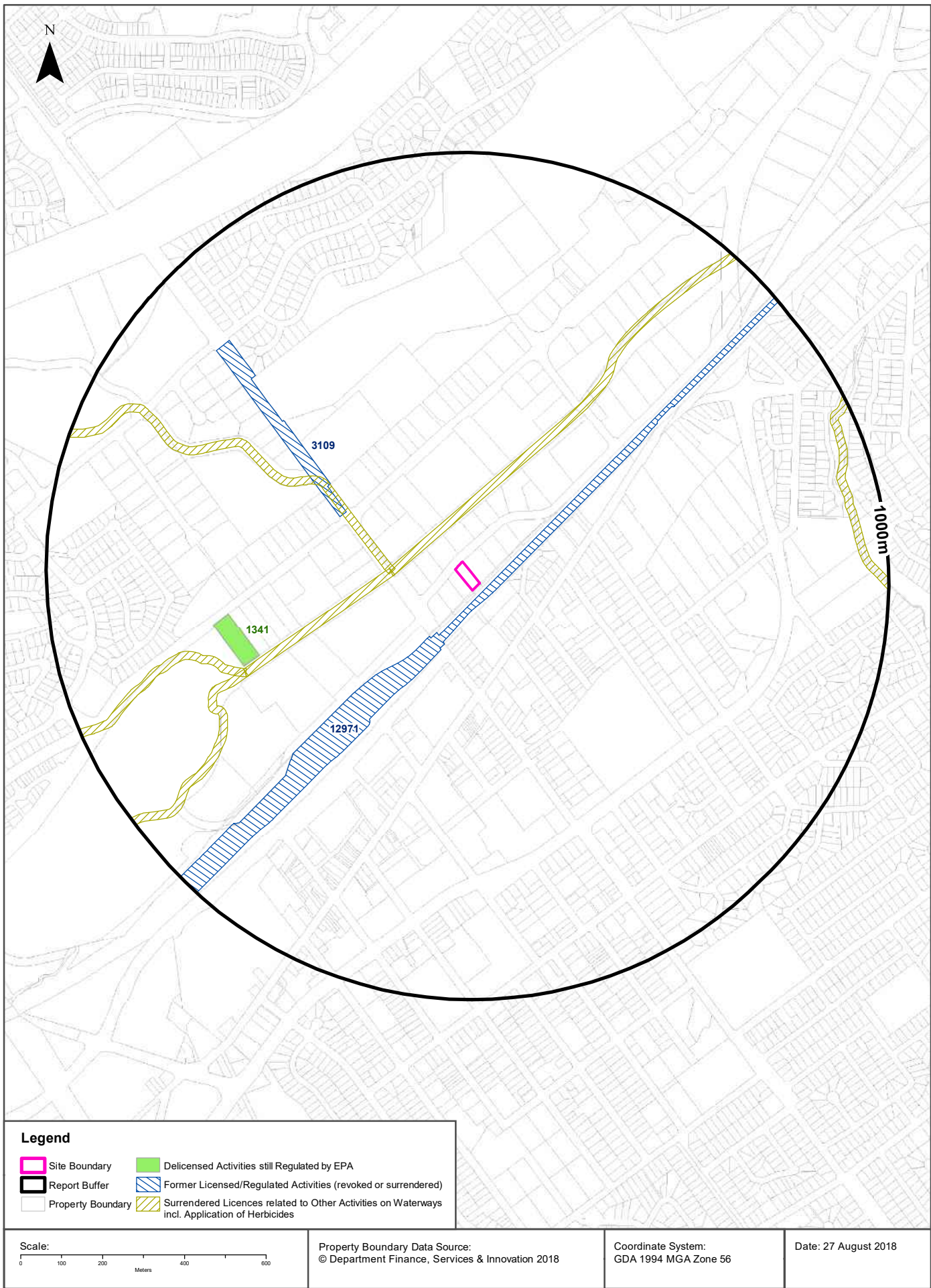
## Licensed Activities under the POEO Act 1997

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
3142	AUSTRALIAN RAIL TRACK CORPORATION LIMITED		GPO BOX 14, SYDNEY, NSW 2001		Railway systems activities	Network of Features	19m	South West
12208	SYDNEY TRAINS		PO BOX K349, HAYMARKET, NSW 1238		Railway systems activities	Road Match	19m	South West

POEO Licence Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority





## EPA Activities

6A Watsford Road, Campbelltown, NSW 2560

### 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
1341	HANSON CONSTRUCTION MATERIALS PTY LTD	HANSON CONSTRUCTION MATERIALS PTY LTD	66 BLAXLAND ROAD	CAMPBELLTOWN	Concrete works	Premise Match	522m	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:

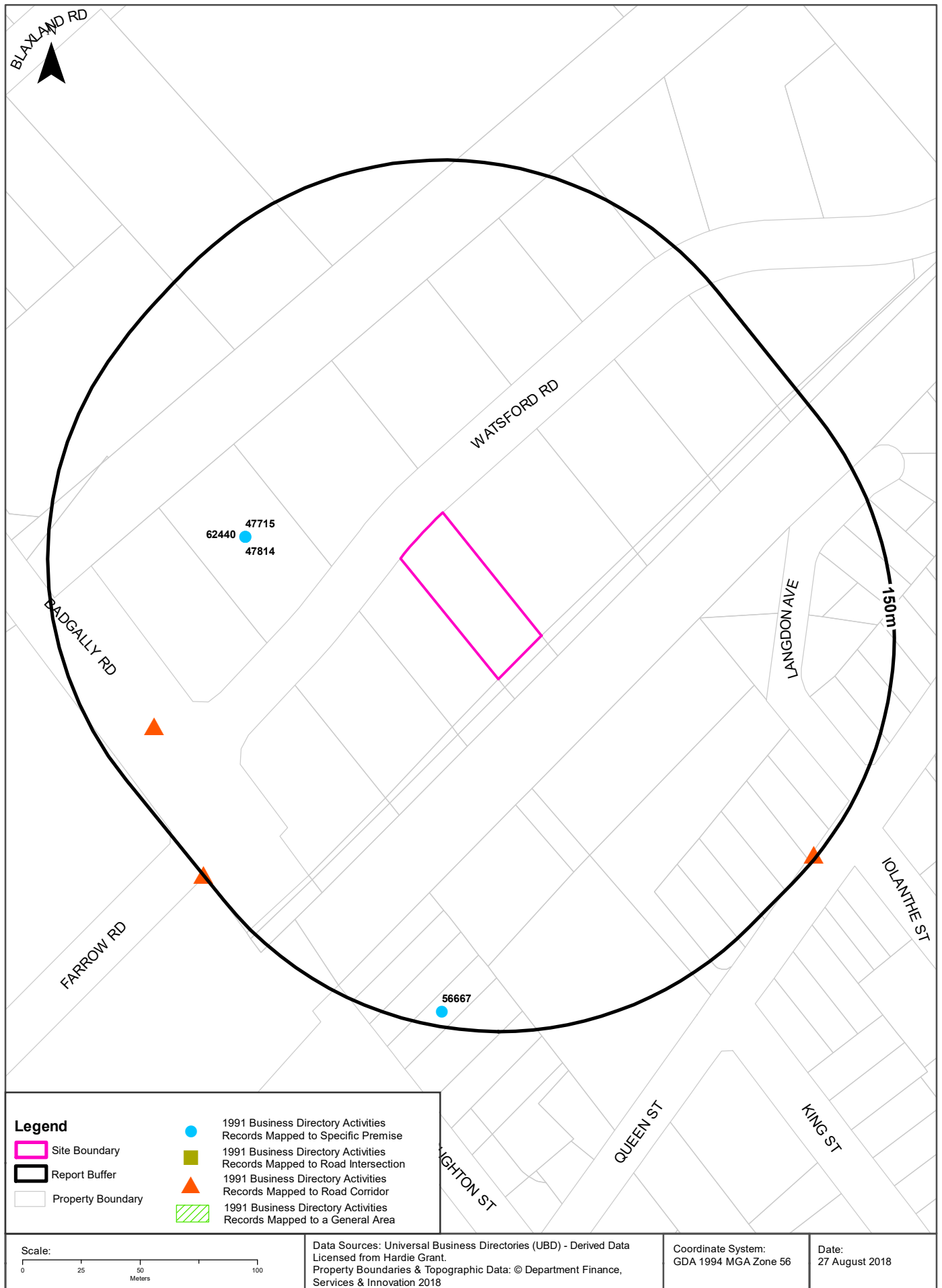
Licence No	Organisation	Location	Status	Issued Date	Activity	Loc Conf	Distance	Direction
12971	AUSTRALIAN RAIL TRACK CORPORATION LIMITED	Amy Street Berala to Menangle Road Glen Alpine , BERALA, NSW 2141	Surrendered	26/11/2008	Railway systems activities	Road Match	19m	South West
4653	LUHRMANN ENVIRONMENT MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW	Surrendered		Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	84m	-
4838	Robert Orchard	Various Waterways throughout New South Wales - SYDNEY NSW 2000	Surrendered		Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	84m	-
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	84m	-
6651	CAMPBELLTOWN CITY COUNCIL	WATERWAYS OF CAMPBELLTOWN CITY COUNCIL AREA - CAMPBELLTOWN NSW 2560	Surrendered		Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	84m	-
3109	DULMISON PTY LTD	BADGALLY ROAD, CAMPBELLTOWN, NSW 2560	Surrendered	01/05/2000	Hazardous, Industrial or Group A Waste Generation or Storage	Road Match	301m	North West

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



# 1991 Historical Business Directory Records

6A Watsford Road, Campbelltown, NSW 2560



## Historical Business Directories

6A Watsford Road, Campbelltown, NSW 2560

### 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
Glass Mfrs &/or W/salers	Campbelltown Glass Service Pty Ltd, 3 Watsford Rd Campbelltown NSW 2560	47814	Premise Match	67m	West
Shower Screen Mfrs &/or Dists	Campbelltown Glass Services Pty Ltd, 3 Watsford Rd Campbelltown 2560	62440	Premise Match	67m	West
Glass Merchants &/or Glaziers	Campbelltown Glass Services Pty Ltd, 3 Watsford Rd Campbelltown 2560	47715	Premise Match	67m	West
Painters Paperhangers &/or Decorators	Humphreys A C, 8 Broughtron St Campbelltown 2560	56667	Premise Match	144m	South

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:

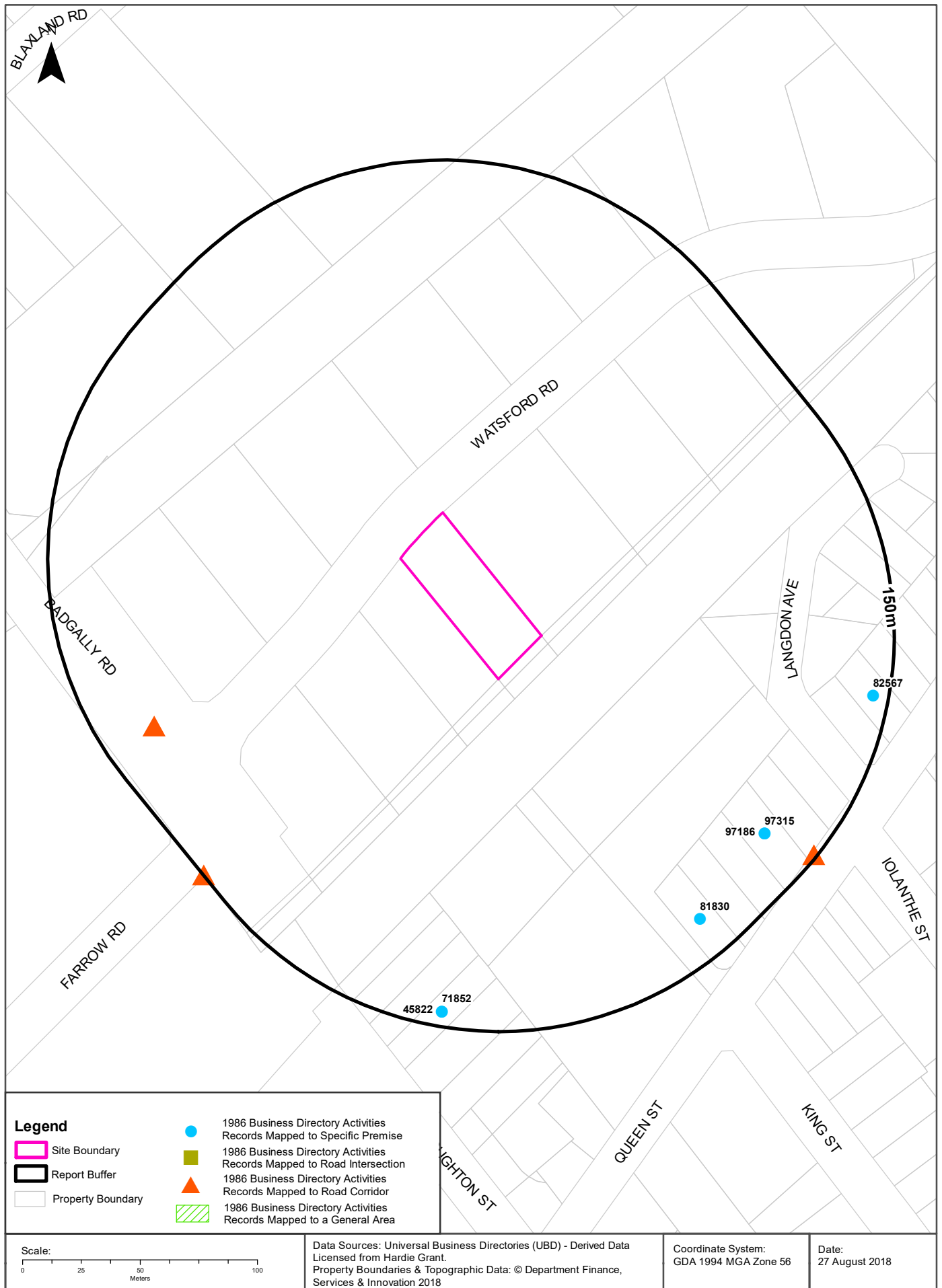
Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
Brewers &/or Maltsters	Bulmer Australia Ltd, Badgally Rd., Campbelltown. 2560.	36580	Road Match	107m
Motor Transmission Specialists	Campbelltown Automatic Transmission, Unit 1, Lot 21, Badgally Rd., Campbelltown 2560	55291	Road Match	107m
Joinery Manufacturers &/or Merchants	G. & V. Aluminium & Joinery Pty. Ltd., 8/41 Badgally Rd.. Campbelltown. 2560	49971	Road Match	107m
Plumbers &/or Gasfitters	G.M.S Plumbing & Drainage Pty Ltd, Unit 9/41 Badgally Rd Campbelltown 2560	58142	Road Match	107m
Welders	Liverpool Welding, Unit 16, Lot 21 Badgally Rd Campbelltown 2560	66062	Road Match	107m
Welders Aluminum	Liverpool Welding, Unit 16, Lot 21 Badgally Rd Campbelltown 2560	66099	Road Match	107m
Motor Engineers	Medina Automotive Centre, Unit 1/41 Badgally Rd Campbelltown 2560	53319	Road Match	107m
Trailer &/or Trailer Equipment Mfrs &/or Dists	Premier Trailers, 11/41 Badgally Rd Campbelltown 2560	64864	Road Match	107m
Hydraulic Equipment Servicing	Steves Hydraulics, 12/41 Badgally Rd Campbelltown 2560	48802	Road Match	107m
Hydraulic Jack Mfrs &/or Dists	Steves Hydraulics, 12/41 Badgally Rd Campbelltown 2560	48861	Road Match	107m
Garage Mfrs &/or Dists &/or Installers	Tru Blu Garages, Lot 41 Badgally Rd Campbelltown 2560	47449	Road Match	107m
Fireplace &/or Accessory Mfrs &/or Dists	Burning Log Fireplace Specialists Pty Ltd, 272 Queen St Campbelltown 2560	45794	Road Match	147m
Bakers	Hot Spot Bakery, 216 Queen St., Campbelltown 2560	35294	Road Match	147m
Newspapers, Journals &/or Periodicals	Macarthur Advertiser, 305 Queen St Campbelltown 2560	55864	Road Match	147m
Plan Printing Services	Macarthur Plan Printing, Queen St Campbelltown 2560	57718	Road Match	147m

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
Real Estate Agents	Richardson & Wrench, Campbelltown, Queen St., Campbelltown. 2560	60668	Road Match	147m
Packaging Materials Mfrs &/or Dists	Corrugated Paper, Bldg 2 Lot 1 Farrow Rd Campbelltown 2560	56356	Road Match	150m

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

# 1986 Historical Business Directory Records

6A Watsford Road, Campbelltown, NSW 2560





## Historical Business Directories

6A Watsford Road, Campbelltown, NSW 2560

### 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
VETERINARY HOSPITALS.	Macquarie Animal Hospital, 53 Queen St., Campbelltown.	97186	Premise Match	127m	South East
VETERINARY SURGEONS.	Driver, R. J., 53 Queen St., Campbelltown.	97315	Premise Match	127m	South East
RESTAURANTS.	House of Bamboo, 59 Queen St., Campbelltown,	81830	Premise Match	133m	South East
RESTAURANTS.	Phoenix Gardens, 45 Queen St., Campbelltown,	82567	Premise Match	143m	East
PAINTERS, PAPERHANGERS &/OR DECORATORS.	Humphreys, A. C., 8 Broughton St., Campbelltown.	71852	Premise Match	144m	South
HIRING SERVICES.	Humphreys Campbelltown Hire Service, 8 Broughton St., Campbelltown.	45822	Premise Match	144m	South

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

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

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
BREWERS &/OR MALTSTERS.	Bulmer Australia Ltd., Badgally Rd., Campbelltown.	7615	Road Match	107m
MOTOR GARAGES & SERVICE STATIONS.	Frith, Arthur Automotives, Badgally Rd., Campbelltown.	64720	Road Match	107m
HANDKERCHIEF MFRS. &/OR IMPS. &/OR DIST.	Nile Industries Pty. Ltd., Badgally Rd., Campbelltown.	44388	Road Match	107m
MANCHESTER MFRS. &/OR W/SALERS.	Nile Industries Pty. Ltd., Badgally Rd., Campbelltown.	52378	Road Match	107m
CLOTHING-RETAIL-LADIES &/OR GIRLS WEAR.	Annie's, 6 The Maddison Centre, 188 Queen St., Campbelltown,	16794	Road Match	147m
HAIRDRESSERS-LADIES &/OR BEAUTY SALONS.	Budget Hairdressing, 1 The Maddison Centre, 188 Queen St., Campbelltown.	41728	Road Match	147m
FIREPLACE MFRS. &/OR DIST.	Burning Log Fireplace Specialists Pty. Ltd., 272 Queen St., Campbelltown.	33004	Road Match	147m
POULTRY DEALERS - RETAIL.	Chickadee 221 Queen St., Campbelltown.	75556	Road Match	147m
RESTAURANTS.	Coffee Shop, The, 3 The Maddison Centre, 188 Queen St., Campbelltown.	81366	Road Match	147m
MEDICAL PRACTITIONERS.	Cribb, R. B. 257 Queen St., Campbelltown.	54363	Road Match	147m
HAIRDRESSERS-LADIES &/OR BEAUTY SALONS.	Domtino's Hair Salon, 257 Queen St., Campbelltown.	41960	Road Match	147m
HAIRDRESSERS-MENS.	Domtino's Hair Salon, 257 Queen St., Campbelltown.	43626	Road Match	147m

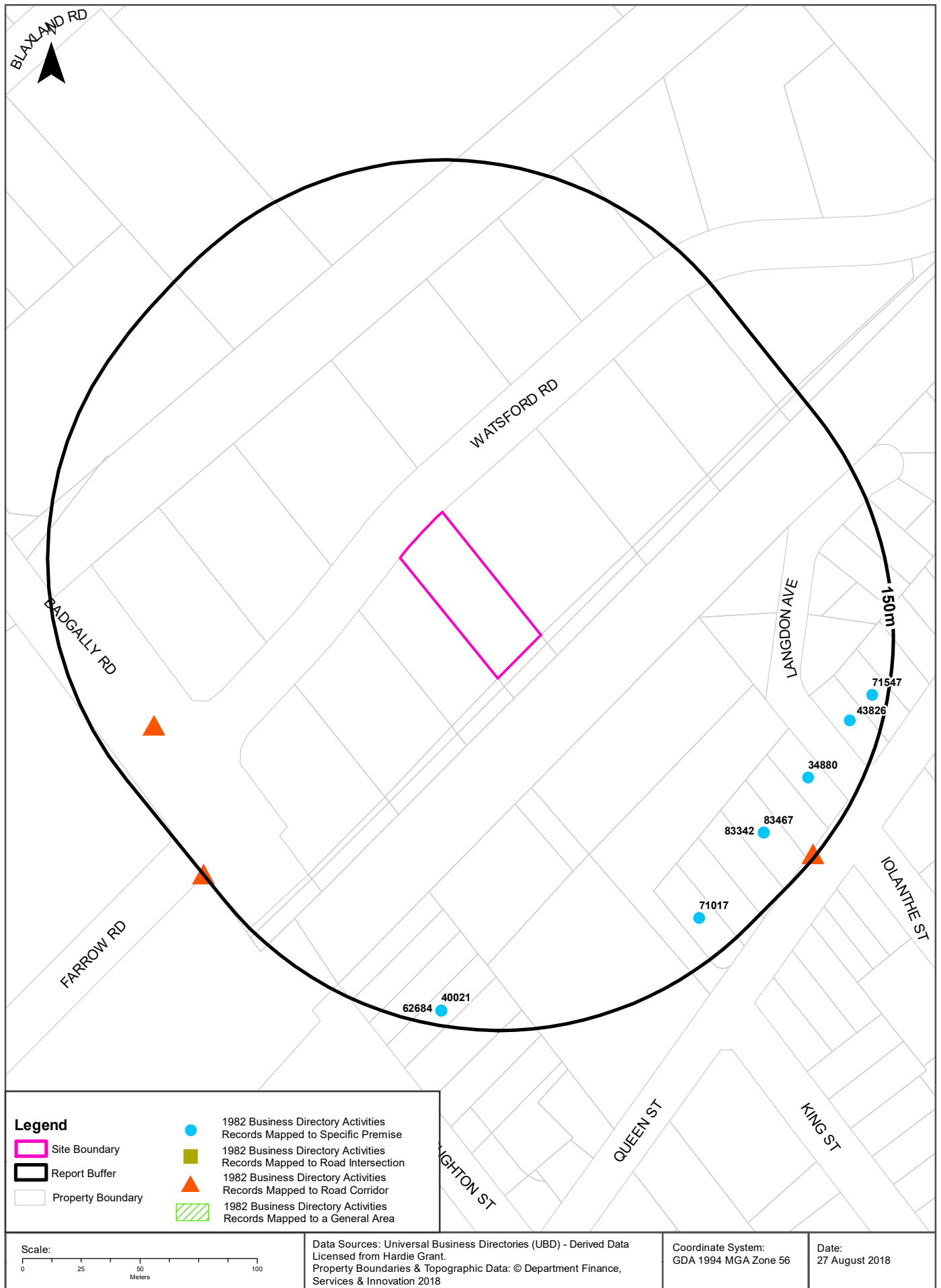
Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
FLORISTS-RETAIL.	Eves, 2 The Maddison Centre, 188 Queen St., Campbelltown.	33725	Road Match	147m
BEAUTICIANS.	Fancy Lady The, 257 Queen St., Campbelltown.	5726	Road Match	147m
DRAPERS-RETAIL.	Fosseys, 217 Queen St., Campbelltown.	24793	Road Match	147m
CLOTHING-RETAIL-LADIES &/OR GIRLS WEAR.	Fosseys, 217 Queen St., Campbelltown.	17210	Road Match	147m
CLOTHING-RETAIL-MENS &/OR BOYS WEAR.	Fosseys, 217 Queen St., Campbelltown.	18429	Road Match	147m
TOY DEALERS - RETAIL.	Fosseys, 217 Queen St., Campbelltown.	94396	Road Match	147m
CLOTHING-RETAIL-BABY &/OR CHILDRENS WEAR.	Fosseys, 217 Queen St., Campbelltown,	16509	Road Match	147m
MEDICAL PRACTITIONERS.	Gardner, T. J., 9 The Maddison Centre, 188 Queen St., Campbelltown.	54974	Road Match	147m
GIFT SHOPS.	Hennings Jewellers, 203 Queen St., Campbelltown,	39131	Road Match	147m
JEWELLERS &/OR WATCHMAKERS-RETAIL.	Hennings Jewellers, 203 Queen St., Campbelltown.	49764	Road Match	147m
BAKERS-BREAD.	Hot Spot Bakery, 216 Queen St., Campbelltown.	5090	Road Match	147m
MOTOR GARAGES & SERVICE STATIONS.	Ideal Service Station, 77 Queen St., Campbelltown.	64886	Road Match	147m
WALLPAPER MERCHANTS.	Kryslar Paint & Wallpaper, 221 Queen St., Campbelltown,.	98118	Road Match	147m
PAINT - PLASTIC - MFRS. &/OR DIST.	Kryslar Paint & Wallpaper, 221 Queen St., Campbelltown.	71661	Road Match	147m
PAINT, ENAMEL, VARNISH, STAIN MFRS. &/OR DIST.	Kryslar Paint & Wallpaper, 221 Queen St., Campbelltown.	71510	Road Match	147m
PAINT, VARNISH, OILS &/OR COLOUR MERCHANTS.	Kryslar Paint & Wallpaper, 221 Queen St., Campbelltown.	71749	Road Match	147m
PAINTERS SUPPLIES &/OR REQUISITES.	Kryslar Paint & Wallpaper, 221 Queen St., Campbelltown.	71919	Road Match	147m
FURNITURE &/OR FURNISHINGS-RETAIL.	Lombard Discounts, 181 Queen St., Campbelltown.	37255	Road Match	147m
PLAN PRINTERS.	Macarthur Plan Printing, Queen St., Campbelltown.	74038	Road Match	147m
RESTAURANTS.	Mumtaz-Mahal, 10 The Maddison Centre, 188 Queen St., Campbelltown.	82367	Road Match	147m
MEDICAL PRACTITIONERS.	O'Dowd, J. T., 9 The Maddison Centre, 188 Queen St., Campbelltown.	56774	Road Match	147m
CLOTHING-RETAIL-LADIES &/OR GIRLS WEAR.	Plumes, The, 272 Queen St., Campbelltown.	17717	Road Match	147m
OPTOMETRISTS &/OR OPTICIANS.	Queen St., Campbelltown.	70912	Road Match	147m
TRAVEL AGENCIES &/OR BOOKING OFFICES.	Queen Street Travel, 4 The Maddison Centre, 188 Queen St. Campbelltown.	95553	Road Match	147m
MEDICAL PRACTITIONERS.	Sivewright, J. B., 257 Queen St., Campbelltown.	57618	Road Match	147m
TYRE DEALERS &/OR RETREADERS &/OR VULCANISERS.	Steel Cat Centre, 73 Queen St, Campbelltown.	96435	Road Match	147m
ACCOUNTANTS & AUDITORS.	Wotton & Thyer, 257 Queen St., Campbelltown.	1189	Road Match	147m
ELECTRIC CONTROL EQUIPMENT.	Brook Crompton Parkinson, Farrow Rd., Campbelltown.	26168	Road Match	150m
ELECTRIC MOTOR MFRS. &/OR IMPS. &/OR DIST.	Brook Crompton Parkinson, Farrow Rd., Campbelltown.	26580	Road Match	150m
ELECTRIC SWITCH & CONTROL GEAR MFRS. &/OR IMPS. &/OR DIST.	Brook Crompton Parkinson, Farrow Rd., Campbelltown.	26764	Road Match	150m

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# 1982 Historical Business Directory Records

6A Watsford Road, Campbelltown, NSW 2560



## Historical Business Directories

6A Watsford Road, Campbelltown, NSW 2560

### 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
VETERINARY HOSPITALS. (V1800)	Macquarie Animal Hospital, 53 Queen St., Campbelltown. 2560.	83342	Premise Match	127m	South East
VETERINARY SURGEONS. (V2000)	Driver, R. J., 53 Queen St., Campbelltown. 2560.	83467	Premise Match	127m	South East
FURNITURE &/OR FURNISHINGS-RETAIL. (F7625)	Whitewood Warehouse, 49 Queen St., Campbelltown. 2560.	34880	Premise Match	129m	South East
RESTAURANTS. (R5180)	House of Bamboo, 59 Queen St., Campbelltown. 2560.	71017	Premise Match	133m	South East
JEWELLERS &/OR WATCHMAKERS RETAIL. (J0550)	White, J. W., 47 Queen St., Campbelltown. 2560.	43826	Premise Match	137m	East
RESTAURANTS. (R5180)	Phoenix Gardens, 45 Queen St., Campbelltown. 2560.	71547	Premise Match	143m	East
PAINTERS, PAPERHANGERS &/OR DECORATORS. (P0900)	Humphreys, A. C., 8 Broughton St., Campbelltown. 2560.	62684	Premise Match	144m	South
HIRING SERVICES. (H4200)	Campbelltown Hire Service, 8 Broughton St Campbelltown. 2560.	40021	Premise Match	144m	South

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

### 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:

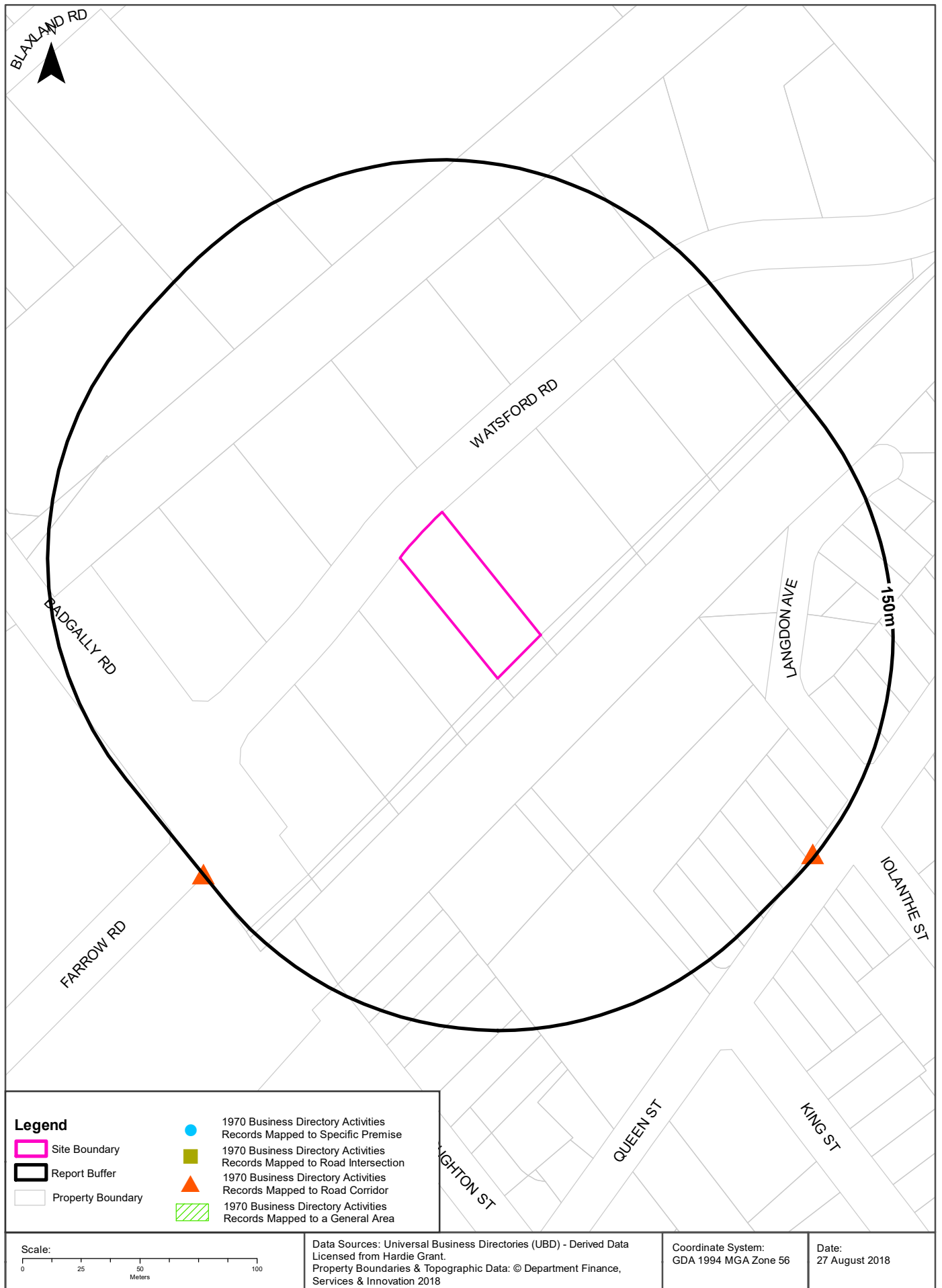
Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
BREWERS &/OR MALTSTERS. (B5980)	Bulmer Australia Ltd., Badgally Rd., Campbelltown. 2560	8435	Road Match	107m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Frith, Arthur Automotives, Badgally Rd., Campbelltown. 2560.	56785	Road Match	107m
BEAUTY SALONS &/OR LADIES HAIRDRESSERS. (B2000)	Budget Hairdressing, 1 The Maddison Centre, 188 Queen St., Campbelltown. 2560.	5339	Road Match	147m
RESTAURANTS. (R5180)	Camelot, 10 The Maddison Centre, 188 Queen St., Campbelltown. 2560	70559	Road Match	147m
FRUITERERS &/OR GREENGROCERS. (F6775)	Campbelltown Fruit Centre, 221 Queen St., Campbelltown. 2560.	33399	Road Match	147m
RESTAURANTS. (R5180)	Coffee Shop, The, 3 The Maddison Centre, 188 Queen St., Campbelltown. 2560.	70656	Road Match	147m
GOVERNMENT DEPARTMENTS - COMMONWEALTH. (G6050)	Commonwealth Electoral Office, 206 Queen St., Campbelltown. 2560	37092	Road Match	147m
GIFT SHOPS. (G3350)	Copper Kingdom, 5 The Maddison Centre, 188 Queen St., Campbelltown. 2560.	36176	Road Match	147m

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
DENTISTS. (D1800)	Crouch, P. A., 221 Queen St., Campbelltown. 2560.	20136	Road Match	147m
FLORISTS - RETAIL. (F4125)	Eves, 2 The Maddison Centre, 188 Queen St., Campbelltown. 2560.	31446	Road Match	147m
GROCERS - RETAIL. (G7850)	Flemings Food Fair, 165 Queen St., Campbelltown. 2560.	37596	Road Match	147m
TOY DEALERS - RETAIL. (T6200)	Fosseys, 217 Queen St. Campbelltown. 2560.	81071	Road Match	147m
BABY &/OR CHILDRENS WEAR -RETAIL. (B0080)	Fosseys, 217 Queen St., Campbelltown. 2560.	4334	Road Match	147m
DRESS SHOPS & ACCESSORIES.(D7450)	Fosseys, 217 Queen St., Campbelltown. 2560.	22816	Road Match	147m
MERCERS - MENS &/OR BOYS OUTFITTERS. (M2120)	Fosseys, 217 Queen St., Campbelltown. 2560.	51195	Road Match	147m
DRAPERS - RETAIL. (D6600)	Fosseys, 217 Queen St., Campbelltown. 2560.	22087	Road Match	147m
MERCERS - MENS &/OR BOYS OUTFITTERS. (M2120)	Franks Menswear, 7 The Maddison Centre, 188 Queen St.,Campbelltown. 2560.	51197	Road Match	147m
MEDICAL PRACTITIONERS. (M2020)	Gardner, T. J., 9 The Maddison Centre, 188 Queen St.,Campbelltown. 2560.	48205	Road Match	147m
HOTELS - LICENSED. (H7150)	Good Intent Hotel, The, 295 Queen St., Campbelltown, 2560.	40766	Road Match	147m
GIFT SHOPS. (G3350)	Hennings Jewellers, 203 Queen St., Campbelltown. 2560.	36302	Road Match	147m
JEWELLERS &/OR WATCHMAKERS RETAIL. (J0550)	Hennings Jewellers, 203 Queen St., Campbelltown. 2560.	43599	Road Match	147m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Ideal Service Station, 77 Queen St., Campbelltown. 2560.	56983	Road Match	147m
DRESS SHOPS & ACCESSORIES.(D7450)	Maureens Place, 6 The Maddison Centre, 188 Queen St.,Campbelltown. 2560.	23162	Road Match	147m
MEDICAL PRACTITIONERS. (M2020)	O'Dowd. J. T., 9 The Maddison Centre, 188 Queen St.,Campbelltown. 2560.	49643	Road Match	147m
DRESS SHOPS & ACCESSORIES.(D7450)	Peggy Simpson, 272 Queen St., Campbelltown. 2560.	23269	Road Match	147m
DELICATESENS, (D1250)	Peter & George, 109 Queen St., Campbeiltown. 2560.	19649	Road Match	147m
MILK, FRUIT JUICE BARS &/OR CONFECTIONERS, (M3180)	Peter & George, 109 Queen St., Campbelltown. 2560.	52401	Road Match	147m
SANDWICH &/OR LUNCHEONSHOPS. (S0600)	Peter & George, 109 Queen St., Campbelltown. 2560.	73004	Road Match	147m
TRAVEL AGENCIES &/OR BOOKING OFFICES. (T7425)	Queen Street Travel, & The Maddison Centre, 188 Queen St.,Campbelltown. 2560.	82090	Road Match	147m
TYRE DEALERS &/ORRETREADERS &/OR VULCANISERS. (T8830)	Steel Cat Centre, 73 Queen St, Campbelltown. 2560.	82720	Road Match	147m
ELECTRIC SWITCH &/OR CONTROL GEAR - MFRS. &/OR DIST. (E2820)	Brook Crompton Parkinson, Farrow Rd., Campbelltown. 2560.	25173	Road Match	150m
ELECTRIC MOTOR MFRS. &/OR DIST. (E2370)	Brook Crompton Parkinson, Farrow Rd., Campbelltown. 2580.Ph. (046)605-9266	25014	Road Match	150m
ELECTRIC CONTROL EQUIPMENT.(E1290)	Brook Crompton Parkinson. Farrow Rd., Campbelltown. 2560,	24631	Road Match	150m
HANDKERCHIEF MFRS. &/OR DIST. (H1650)	Nile Industries Pty. Ltd., Farrow Rd., Campbelltown. 2560.	38959	Road Match	150m
MANCHESTER MFRS. &/OR W/SALERS. (M0600)	Nile Industries Pty. Ltd., Farrow Rd., Campbelltown. 2560.	46033	Road Match	150m

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# 1970 Historical Business Directory Records

6A Watsford Road, Campbelltown, NSW 2560



## Historical Business Directories

6A Watsford Road, Campbelltown, NSW 2560

### 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
N/A	No records in buffer				

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

### 1970 Business Directory Records Road or Area Matches

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

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
MOTOR GARAGES & ENGINEERS	Ampol Service Station, Queen St. Campbelltown	535227	Road Match	147m
BUTCHERS-RETAIL	Arundel I, S., 216 Queen St. Campbelltown	535042	Road Match	147m
BUILDING SOCIETIES & COMPANIES	Campbelltown Co-op. Building Society, 221 Queen St. Campbelltown	535041	Road Match	147m
DRESS SHOPS & ACCESSORIES	Carolyn Frock Salon, 115 Queen St. Campbelltown	535092	Road Match	147m
MILLINERY-RETAIL	Carolyn Frock Salon, 115 Queen St. Campbelltown	535204	Road Match	147m
MOTOR ACCESSORIES & SPARE PARTS-WSALERS	Casula Replacement Parts Pty. Ltd., 120 Queen St. Campbelltown	535218	Road Match	147m
MOTOR ACCESSORIES SPARE PARTS DEALERS	Casula Replacement Parts Pty. Ltd., 120 Queen St. Campbelltown	535212	Road Match	147m
BEAUTY SALONS & LADIES' HAIRDRESSERS	Cheveuplaire Beauty Salon, 217 Queen St. Campbelltown	535013	Road Match	147m
MOTOR ACCESSORIES SPARE PARTS DEALERS	Clintons Motors Pty. Ltd., Queen St. Campbelltown	535213	Road Match	147m
MOTOR CAR & TRUCK DEALERS-NEW & USED	Clintons Motors Pty. Ltd., Queen St. Campbelltown	535223	Road Match	147m
MOTOR GARAGES & ENGINEERS	Clintons Motors Pty. Ltd., Queen St. Campbelltown	535234	Road Match	147m
MOTOR PAINTERS & PANEL BEATERS	Clintons Motors Pty. Ltd., Queen St. Campbelltown	535249	Road Match	147m
MOTOR TOWING SERVICES	Clintons Motors Pty. Ltd., Queen St. Campbelltown	535256	Road Match	147m
MOTOR CAR/TRUCK DEALERS-NEW/USED (M520)	Clintons Motors Pty. Ltd., Queen St., Campbelltown	335904	Road Match	147m
ASSOCIATIONS, SOCIETIES, CLUBS & SPORTING BODIES	Country Women's Association (C/- Mrs. Seager), Queen St. Campbelltown	534992	Road Match	147m
CARPET & FLOOR COVERINGS-RETAILERS &/OR SPECIALISTS	Crown Street Carpets, Campbelltown Pty. Ltd., Queen St. Campbelltown	535055	Road Match	147m
FURNITURES FURNISHINGS	Crown Street Carpets, Campbelltown Pty. Ltd., Queen St. Campbelltown	535120	Road Match	147m
MOTOR CAR & TRUCK DEALERS-NEW & USED	Dunbier Motors (Campbelltown) Pty. Ltd., Queen St. Campbelltown	535224	Road Match	147m

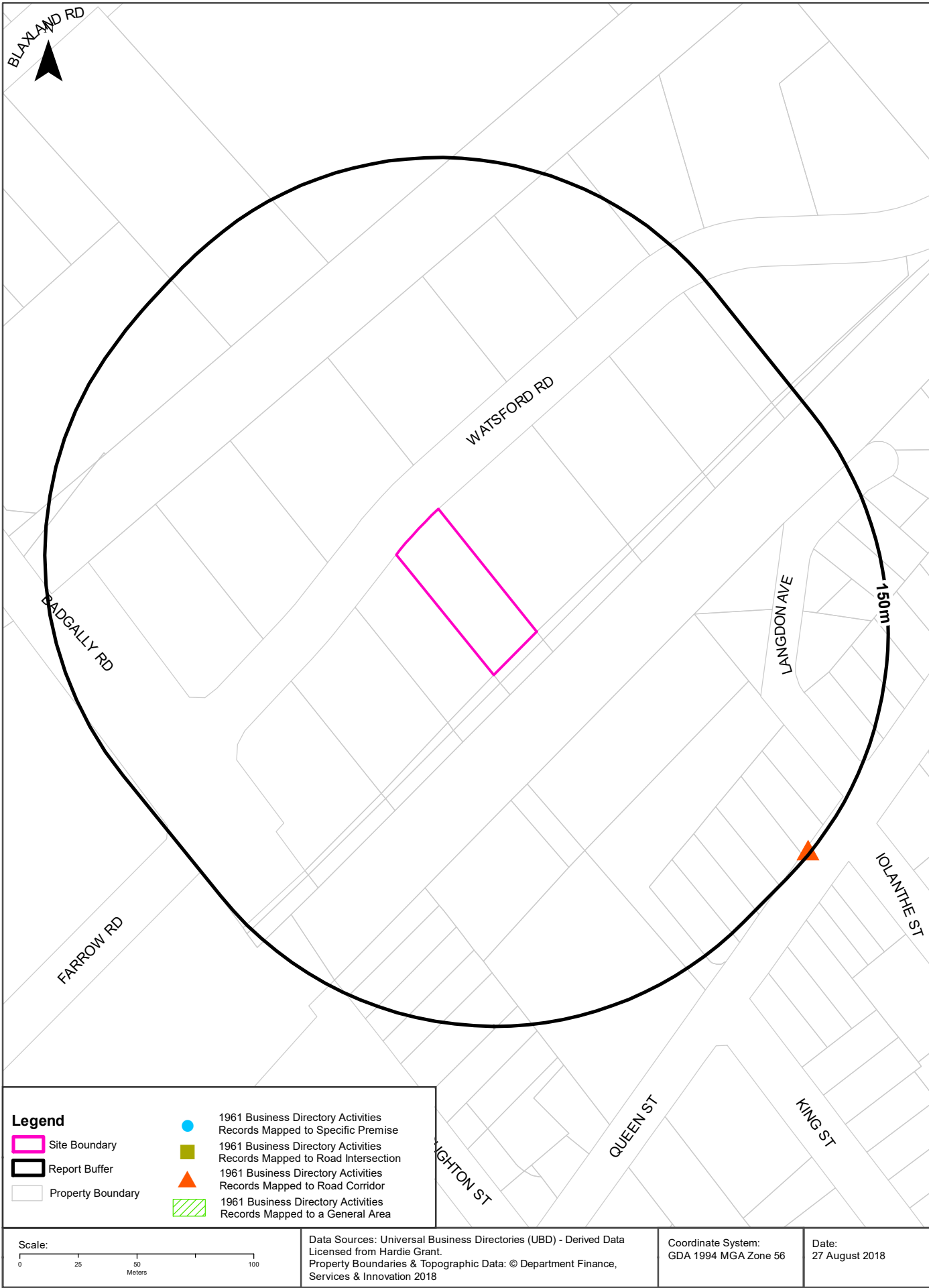
Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
MOTOR GARAGES & ENGINEERS	Dunbier Motors (Campbelltown) Pty. Ltd., Queen St. Campbelltown	535235	Road Match	147m
BOAT OAR MANUFACTURER	Favelle, B. L., 30 Queen St. Campbelltown	535022	Road Match	147m
BOX & CASE MERCHANT & MANUFACTURER	Favelle, B. L., 30 Queen St. Campbelltown	535032	Road Match	147m
HOTELS-LICENSED	Good Intent Hotel, 295 Queen St. Campbelltown	535150	Road Match	147m
TYRE DEALERS, RETREADERS & VULCANISERS	Grimson's Tyre Service, 73 Queen St. Campbelltown	535338	Road Match	147m
MOTOR GARAGES & ENGINEERS	Ideal Service Station, 77 Queen St. Campbelltown	535238	Road Match	147m
SOOT & SHOE REPAIRERS	Johnson Shoe Repairs, Queen St. Campbelltown	535028	Road Match	147m
BEAUTY SALONS & LADIES' HAIRDRESSERS	La Monicas, 190 Queen St. Campbelltown	535018	Road Match	147m
BUILDERS &/OR BUILDING CONTRACTORS	Madison Real Estate Pty. Ltd., Queen St. Campbelltown	535035	Road Match	147m
STOCK, STATION & REAL ESTATE AGENTS	Madison Real Estate Pty. Ltd., Queen St. Campbelltown	535312	Road Match	147m
MOTOR TRIMMERS	Marik, F., 329 Queen St. Campbelltown	535257	Road Match	147m
SADDLERS	Marik, F., 329 Queen St. Campbelltown	535292	Road Match	147m
UPHOLSTERERS	Marik, F., 329 Queen St. Campbelltown	535339	Road Match	147m
WATCHMAKER-REPAIRS TO THE TRADE	McSkimming, K., 239 Queen St. Campbelltown	535342	Road Match	147m
REFRIGERATOR DEALERS &/OR SERVICEMEN	Nock & Kirby Pty. Ltd., 239 Queen St. Campbelltown	535287	Road Match	147m
DENTISTS	Purnell, F. G., Queen St. Campbelltown	535082	Road Match	147m
MIXED BUSINESSES	Taylor, G. I., 329 Queen St. Campbelltown	535209	Road Match	147m
HAIRDRESSERS-GENT'S	Venetis, G. G., 235 Queen St. Campbelltown	535140	Road Match	147m
DRESS SHOPS & ACCESSORIES	Zetta Fashions, 194 Queen St. Campbelltown	535094	Road Match	147m
ELECTRIC MOTOR MANUFACTURERS &/OR DIST.	Crompton Parkinson Aust. Pty. Ltd., Farrow Rd. Campbelltown	535100	Road Match	150m
ELECTRIC SWITCH & CONTROL GEAR MFR &/OR DIST.	Crompton Parkinson Aust. Pty. Ltd., Farrow Rd. Campbelltown	535101	Road Match	150m

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# 1961 Historical Business Directory Records

6A Watsford Road, Campbelltown, NSW 2560



## Historical Business Directories

6A Watsford Road, Campbelltown, NSW 2560

### 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
N/A	No records in buffer				

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

### 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
MOTOR GARAGES & ENGINEERS	Ampol Service Station, Queen St., Campbelltown	193537	Road Match	147m
MOTOR CAR & TRUCK DEALERS-NEW & USED	B. & H. Service Station, Queen St., Campbelltown	193526	Road Match	147m
MOTOR PAINTERS & PANEL BEATERS	B. & H. Service Station, Queen St., Campbelltown	193548	Road Match	147m
MOTOR GARAGES & ENGINEERS	B. and H. Service Station, Queen St., Campbelltown	193538	Road Match	147m
MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	B. and H. Service Station, Queen St., Campbelltown	193550	Road Match	147m
TYRE & TUBE DEALERS .	B. and H. Service Station, Queen St., Campbelltown	193636	Road Match	147m
WELDERS-ELECTRIC & OXY	B. and H. Service Station, Queen St., Campbelltown	193650	Road Match	147m
BATTERY DISTRIBUTORS	B.& H. Service Station, Queen St., Campbelltown	193317	Road Match	147m
MOTOR ACCESSORIES & SPARE PARTS DEALERS	Band H. Service Station, Queen St., Campbelltown	193517	Road Match	147m
SPORTS & TRAVEL GOODS-RETAILERS	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen - St., Campbelltown	193609	Road Match	147m
DRAPERS-RETAIL	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen St., , Campbelltown	193395	Road Match	147m
PAINT, VARNISH, OIL & COLOUR NIFRS. & SUPPLIERS	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen St., , Campbelltown	193570	Road Match	147m
BUILDERS' SUPPLIERS	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen St., Campbelltown	193341	Road Match	147m
DELICATESSENS	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen St., Campbelltown	193385	Road Match	147m
ELECTRICAL SUPPLIES & APPLIANCES-RETAIL	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen St., Campbelltown	193402	Road Match	147m
FANCY GOODS & GIFT SHOPS	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen St., Campbelltown	193409	Road Match	147m
FURNITURE & FURNISHINGS-RETAIL	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen St., Campbelltown	193429	Road Match	147m
GENERAL MERCHANTS	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen St., Campbelltown	193435	Road Match	147m
GROCERS & GENERAL STOREKEEPERS	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen St., Campbelltown	193439	Road Match	147m

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
HAND BAG & GLOVE SPECIALISTS	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen St., Campbelltown	193453	Road Match	147m
HARDWARE DEALERS & IRONMONGERS	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen St., Campbelltown	193456	Road Match	147m
LAWNMOWER SALES & SERVICE	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen St., Campbelltown	193485	Road Match	147m
LINGERIE & HOSIERY SPECIALISTS	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen St., Campbelltown	193490	Road Match	147m
MANCHESTER-SPECIALISTS & RETAIL	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen St., Campbelltown	193496	Road Match	147m
REFRIGERATOR DEALERS &/OR SERVICEMEN	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen St., Campbelltown	193592	Road Match	147m
WINE & SPIRIT MERCHANTS-RETAIL	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen St., Campbelltown	193654	Road Match	147m
TOY DEALERS-RETAIL	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen, Campbelltown	193630	Road Match	147m
PRODUCE MERCHANTS-GRAIN & SEED-RETAIL	Benjamins (Campbelltown) Pty. Ltd., 235-237 Queen St., Campbelltown	193581	Road Match	147m
FURNITURE & FURNISHINGS-RETAIL	Bloom, Maurice & Son, Queen St., Campbelltown	193430	Road Match	147m
MOTOR CAR & TRUCK DEALERS-NEW & USED	Bloom, Maurice and Son, Queen St., Campbelltown	193527	Road Match	147m
AGRICULTURAL MACHINERY DEALERS	Bursill, W., 235-237 Queen St., Campbelltown	193291	Road Match	147m
INSURANCE AGENTS	Bursill, W., 235-237 Queen St., Campbelltown	193472	Road Match	147m
MERCERS & MEN'S & BOYS' OUTFITTERS	Bursill, W., 235-237 Queen St., Campbelltown	193499	Road Match	147m
MOTOR CAR & TRUCK DEALERS-NEW & USED	Bursill, W., 235-237 Queen St., Campbelltown	193528	Road Match	147m
MIXED BUSINESSES	Campbell, N. G., 280 Queen St, Campbelltown	193513	Road Match	147m
MILK, FRUIT JUICE BARS & CONFECTIONERS	Campbell, N. G., 280 Queen St., Campbelltown	193503	Road Match	147m
GROCERS & GENERAL STOREKEEPERS	Campbelltown Auto Port Queen Street, Campbelltown, Campbelltown	193446	Road Match	147m
BATTERY DISTRIBUTORS	Campbelltown Auto Port, Queen St., Campbelltown	193318	Road Match	147m
MOTOR ACCESSORIES & SPARE PARTS DEALERS	Campbelltown Auto Port, Queen St., Campbelltown	193519	Road Match	147m
MOTOR GARAGES & ENGINEERS	Campbelltown Auto Port, Queen St., Campbelltown	193539	Road Match	147m
MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Campbelltown Auto Port, Queen St., Campbelltown	193551	Road Match	147m
MOTOR TOWING SERVICES	Campbelltown Auto Port, Queen St., Campbelltown	193557	Road Match	147m
TYRE & TUBE DEALERS .	Campbelltown Auto Port, Queen St., Campbelltown	193638	Road Match	147m
BAKERS-BREAD	Campbelltown Bakeries Pty. Ltd., 249 Queen St., Campbelltown	193310	Road Match	147m
CAKE SHOPS & PASTRYCOOKS	Campbelltown Bakeries Pty. Ltd., 249 Queen St., Campbelltown	193359	Road Match	147m
MOTOR BUS SERVICES	Campbelltown Bus Service, Queen St., Campbelltown	193525	Road Match	147m
TRUITERERS & GREENGROCERS	Campbelltown Fruit Market, 221 Queen St., Campbelltown	193423	Road Match	147m
SCHOOLS & COLLEGES-PRIVATE & PUBLIC	Campbelltown High School, Queen St., Campbelltown	193602	Road Match	147m
GROCERS & GENERAL STOREKEEPERS	Carlisles Pty. Ltd., 109 Queen St., Campbelltown	193441	Road Match	147m
PRODUCE MERCHANTS-GRAIN & SEED-RETAIL	Carlisles Pty. Ltd., 109 Queen St., Campbelltown	193582	Road Match	147m
CLUBS & SPORTS BODIES	Chamber of Commerce, c/o Downes Stores, Queen St., Campbelltown	193379	Road Match	147m
LOCAL BODIES	Chamber of Commerce, Queen St., Campbelltown	193494	Road Match	147m
DENTISTS	Chernich, D. J., 204 Queen St., Campbelltown	193393	Road Match	147m
CAKE SHOPS & PASTRYCOOKS	Classic Cakes, 182 Queen St., .. Campbelltown	193360	Road Match	147m

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
SANDWICH & LUNCHEON SHOP	Classic Cakes, 182 Queen St., Campbelltown	193600	Road Match	147m
SOLICITORS	Clayton, L. B., 133 Queen St., Campbelltown	193607	Road Match	147m
HAIRDRESSERS (GENT.'S) & TOBACCONISTS	Clissold, E. M., 204 Queen St, Campbelltown	193449	Road Match	147m
BANKS	Commercial Banking Co. of Sydney, 283 Queen St., Campbelltown	193314	Road Match	147m
ASSOCIATIONS & SOCIETIES	Country Women's Association (0/- Mrs. Seager), Queen St., Campbelltown	193299	Road Match	147m
FANCY GOODS & GIFT SHOPS	Downes Stores Pty. Ltd., Queen St., Campbelltown	193410	Road Match	147m
BABIES' & CHILDREN'S WEAR-RETAIL	Downes Stores Pty. Ltd., Queen St., Campbelltown	193308	Road Match	147m
BUILDERS' SUPPLIERS	Downes Stores Pty. Ltd., Queen St., Campbelltown	193342	Road Match	147m
DRAPERS-RETAIL	Downes Stores Pty. Ltd., Queen St., Campbelltown	193396	Road Match	147m
ELECTRICAL SUPPLIES & APPLIANCES-RETAIL	Downes Stores Pty. Ltd., Queen St., Campbelltown	193403	Road Match	147m
FOOTWEAR RETAILERS	Downes Stores Pty. Ltd., Queen St., Campbelltown	193418	Road Match	147m
FROCK & COAT SALONS	Downes Stores Pty. Ltd., Queen St., Campbelltown	193421	Road Match	147m
FURNITURE & FURNISHINGS-RETAIL	Downes Stores Pty. Ltd., Queen St., Campbelltown	193431	Road Match	147m
GENERAL MERCHANTS	Downes Stores Pty. Ltd., Queen St., Campbelltown	193436	Road Match	147m
HARDWARE DEALERS & IRONMONGERS	Downes Stores Pty. Ltd., Queen St., Campbelltown	193457	Road Match	147m
LINGERIE & HOSIERY SPECIALISTS	Downes Stores Pty. Ltd., Queen St., Campbelltown	193492	Road Match	147m
MERCERS & MEN'S & BOYS' OUTFITTERS	Downes Stores Pty. Ltd., Queen St., Campbelltown	193500	Road Match	147m
REFRIGERATOR DEALERS &/OR SERVICEMEN	Downes Stores Pty. Ltd., Queen St., Campbelltown	193593	Road Match	147m
SPORTS & TRAVEL GOODS-RETAILERS	Downes Stores Pty. Ltd., Queen St., Campbelltown	193611	Road Match	147m
TOY DEALERS-RETAIL	Downes Stores Pty. Ltd., Queen St., Campbelltown	193632	Road Match	147m
MOTOR ACCESSORIES & SPARE PARTS DEALERS	Elmo Service Station, Queen St., Campbelltown	193523	Road Match	147m
CAFES, TEA ROOMS & COFFEE LOUNGES, ETC.	Far East Cafe, Queen St., Campbelltown	193354	Road Match	147m
LOCAL BODIES	Fire Station, 169 Queen St., Campbelltown	193495	Road Match	147m
HOTELS-LICENSED	Good Intent Hotel, 295 Queen St., Campbelltown	193467	Road Match	147m
PLUMBERS, GASFITTERS & DRAINLAYERS	Haddock, G. W, 293 Queen St., Campbelltown	193576	Road Match	147m
BUILDERS' SUPPLIERS	Harris Timber Co. Pty. Ltd., 287 Queen St., Campbelltown	193343	Road Match	147m
ELECTRICAL SUPPLIES & APPLIANCES-RETAIL	Harris Timber Co. Pty. Ltd., 287 Queen St., Campbelltown	193405	Road Match	147m
HARDWARE DEALERS & IRONMONGERS	Harris Timber Co. Pty. Ltd., 287 Queen St., Campbelltown	193458	Road Match	147m
HARDWARE MERCHANTS-WHOLESALE	Harris Timber Co. Pty. Ltd., 287 Queen St., Campbelltown	193460	Road Match	147m
INSURANCE AGENTS	Harris Timber Co. Pty. Ltd., 287 Queen St., Campbelltown	193473	Road Match	147m
JOINERY MANUFACTURERS	Harris Timber Co. Pty. Ltd., 287 Queen St., Campbelltown	193483	Road Match	147m
MOULDING MANUFACTURERS	Harris Timber Co. Pty. Ltd., 287 Queen St., Campbelltown	193560	Road Match	147m
PAINT, VARNISH, OIL & COLOUR NIFRS. & SUPPLIERS	Harris Timber Co. Pty. Ltd., 287 Queen St., Campbelltown	193571	Road Match	147m
READY-CUT HOMES	Harris Timber Co. Pty. Ltd., 287 Queen St., Campbelltown	193584	Road Match	147m
STEEL MERCHANTS-GENERAL	Harris Timber Co. Pty. Ltd., 287 Queen St., Campbelltown	193617	Road Match	147m
TIMBER MERCHANTS & SAWMILLERS	Harris Timber Co. Pty. Ltd., 287 Queen St., Campbelltown	193626	Road Match	147m

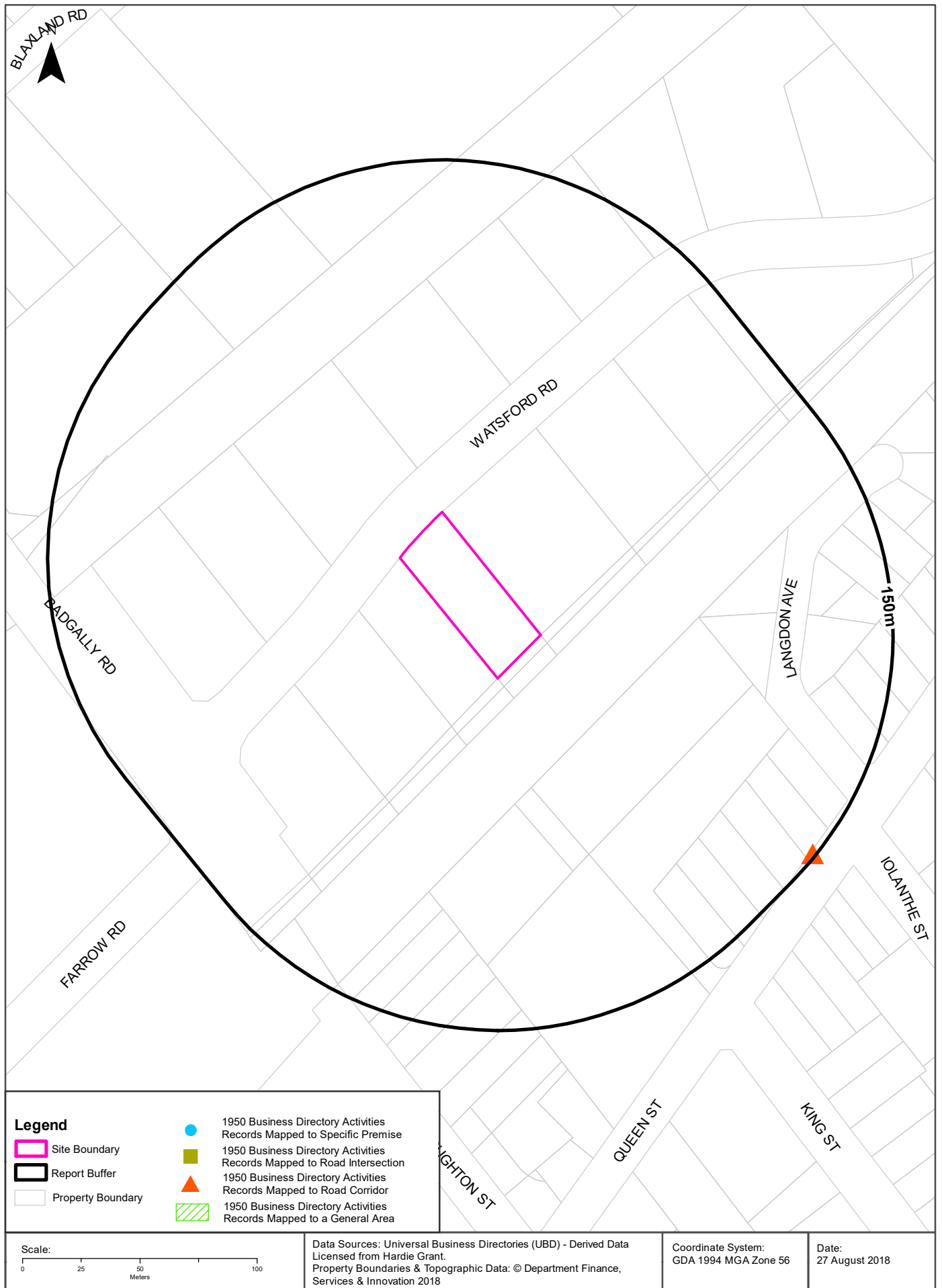
Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
CHEMISTS-PHARMACEUTICAL	Harris, V. N., 249 Queen St., Campbelltown	193373	Road Match	147m
BUILDERS & CONTRACTORS	Jenson, M. M., 67 Queen St., Campbelltown	193334	Road Match	147m
PICTURE THEATRES	Macquarie Cinema, Queen St., Campbelltown	193575	Road Match	147m
MILK, FRUIT JUICE BARS & CONFECTIONERS	Mammone, D., Queen St., Campbelltown	193508	Road Match	147m
TRUITERERS & GREENGROCERS	Mammone, D., Queen St., Campbelltown	193426	Road Match	147m
MILK, FRUIT JUICE BARS & CONFECTIONERS	McKinnon, H. and D., 118 Queen St., Campbelltown	193507	Road Match	147m
HAIRDRESSERS (GENT.'S) & TOBACCONISTS	Moutzikos, A., 257a Queen St., Campbelltown	193452	Road Match	147m
BUTCHERS-RETAIL	Nepean Meat Service Pty. Ltd., 217 Queen St., Campbelltown	193349	Road Match	147m
MOTOR OIL & SPIRIT DEPOTS	Neptune OH Pty. Ltd., 79 Queen St., Campbelltown	193547	Road Match	147m
FISH MERCHANTS & RETAILERS	Pacific Fish Supply, 161 Queen St., Campbelltown	193412	Road Match	147m
GOVERNMENT DEPARTMENTS	Post Office, 269 Queen St., Campbelltown	193438	Road Match	147m
INSURANCE AGENTS	Richardson & Wrench, Queen St., Campbelltown	193475	Road Match	147m
REAL ESTATE AGENTS & VALUERS	Richardson & Wrench, Queen St., Campbelltown	193586	Road Match	147m
STOCK, STATION & REAL ESTATE AGENTS	Richardson & Wrench, Queen St., Campbelltown	193618	Road Match	147m
VETERINARY SURGEONS-REGISTERED	Sidman, W. R., 313 Queen St., Campbelltown	193647	Road Match	147m
BATTERY SERVICE STATIONS	St., Elmo Service Station, Queen St., Campbelltown	193326	Road Match	147m
MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	St., Elmo Service Station, Queen St., Campbelltown	193556	Road Match	147m
TYRE & TUBE DEALERS .	St., Elmo Service Station, Queen St., Campbelltown	193643	Road Match	147m
CAFES, TEA ROOMS & COFFEE LOUNGES, ETC.	Taylor, G. I., 319 Queen St., Campbelltown	193357	Road Match	147m
BAKERS-BREAD	Williams The Baker, 249 Queen St., Campbelltown	193312	Road Match	147m
CAKE SHOPS & PASTRYCOOKS	Williams The Baker, 249 Queen St., Campbelltown	193363	Road Match	147m

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# 1950 Historical Business Directory Records

6A Watsford Road, Campbelltown, NSW 2560



## Historical Business Directories

6A Watsford Road, Campbelltown, NSW 2560

### 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
N/A	No records in buffer				

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

### 1950 Business Directory Records Road or Area Matches

Records from the 1950 UBD Business Directory, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
BOOT & SHOE REPAIRERS	Anderson, G. T., 161 Queen St., Campbelltown	157047	Road Match	147m
FOOTWEAR RETAILERS	Anderson, G. T., 161 Queen St., Campbelltown	157110	Road Match	147m
MOTOR CAR & TRUCK DEALERS	Bursill, W. (Agent, York Motors Ltd.), 239 Queen St. , Campbelltown	157172	Road Match	147m
DRAPERS-RETAIL	Bursill, W., 239 Queen St., Campbelltown	157100	Road Match	147m
GROCERS & GENERAL STOREKEEPERS	Bursill, W., 239 Queen St., Campbelltown	157122	Road Match	147m
HARDWARE & IRONMONGERY-RETAIL	Bursill, W., 239 Queen St., Campbelltown	157132	Road Match	147m
MERCHANTS-GENERAL	Bursill, W., 239 Queen St., Campbelltown	157157	Road Match	147m
GROCERS & GENERAL STOREKEEPERS	Bussell Bros. Pty. Ltd., 180-184 Queen St., Campbelltown	157123	Road Match	147m
RADIO DEALERS &/OR SERVICEMEN	Campbell, N. G., 280 Queen St., Campbelltown	157201	Road Match	147m
DELICATESSENS	Campbell, N. G., Queen St., Campbelltown	157091	Road Match	147m
ELECTRICAL SUPPLIES & APPLIANCES-RETAIL	Campbell, N. G., Queen St., Campbelltown	157105	Road Match	147m
MILK BARS & CONFECTIONERS	Campbell, N. G., Queen St., Campbelltown	157159	Road Match	147m
NEWSAGENTS	Campbell, N. G., Queen St., Campbelltown	157179	Road Match	147m
PUBLIC ADDRESS SYSTEMS	Campbelltown Radio and Electrical Service, 280 Queen St., Campbelltown	157198	Road Match	147m
RADIO DEALERS &/OR SERVICEMEN	Campbelltown Radio and Electrical Service, 280 Queen St., Campbelltown	157200	Road Match	147m
DENTISTS	Chernich, D. J., Atherstone, Queen St., Campbelltown	157098	Road Match	147m
TAXIS	Clissold, C., Queen St., Campbelltown	157214	Road Match	147m
SPORTS GOODS RETAILERS	Clissold, E. M., 204 Queen St., Campbelltown	157210	Road Match	147m

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
HAIRDRESSERS & TOBACCONISTS	Clissold, E. M., 204 Queen St., Campbelltown	157129	Road Match	147m
HOTELS	Club Hotel, Queen St., Campbelltown	157137	Road Match	147m
BANKS	Commonwealth Bank of Aust. Ltd., Queen St., Campbelltown	157040	Road Match	147m
HOTELS	Commonwealth Hotel, 329 Queen St., Campbelltown	157138	Road Match	147m
LINGERIE & HOSIERY SPECIALISTS	Daniel, A. R., Queen St., Campbelltown	157151	Road Match	147m
LOCAL BODIES	Fire Station, Queen St., Campbelltown	157154	Road Match	147m
HOTELS	Good Intent Hotel, Queen St., Campbelltown	157139	Road Match	147m
PLUMBERS, GASFITTERS & DRAINLAYERS	Haddock, G. W., Queen St., Campbelltown	157183	Road Match	147m
INSURANCE AGENTS	Insurance Office of Australia Ltd. (P. Solomon, Agent), Queen St., Campbelltown	157146	Road Match	147m
DENTISTS	King, Dr. E. S., Queen St., Campbelltown	157099	Road Match	147m
HOTELS	Lack's Federal Hotel, Queen St., Campbelltown	157140	Road Match	147m
BRICKLAYERS	Longhurst, H., Queen St., Campbelltown	157048	Road Match	147m
DELICATESSENS	Lower, F. W., 183 Queen St., Campbelltown	157093	Road Match	147m
PICTURE THEATRES	Macquarie Cinema, Queen St., Campbelltown	157182	Road Match	147m
GOVERNMENT DEPARTMENTS	Post Office, 269 Queen St., Campbelltown	157120	Road Match	147m
DRAPERS-RETAIL	Progressive Stores, Queen St., Campbelltown	157102	Road Match	147m
TAXIS	Ryder, S. C., Queen St., Campbelltown	157216	Road Match	147m
BILLIARD SALOONS	School of Arts, Queen St., Campbelltown	157044	Road Match	147m
LIBRARIES-LENDING	School of Arts, Queen St., Campbelltown	157150	Road Match	147m
GROCERS & GENERAL STOREKEEPERS	Solomon, P., Queen St., Campbelltown	157125	Road Match	147m
MEDICAL PRACTITIONERS	Stephenson, Dr., Queen St., Campbelltown	157155	Road Match	147m
DELICATESSENS	Taylor, Mrs. G. T., 311 Queen St., Campbelltown	157097	Road Match	147m
MILK BARS & CONFECTIONERS	Taylor, Mrs. G. T., 311 Queen St., Campbelltown	157167	Road Match	147m
MILK BARS & CONFECTIONERS	The Courtesy Service Station Queen Street Campbelltown, Campbelltown	157163	Road Match	147m
MEDICAL PRACTITIONERS	Thomas, Dr. I. G., Queen St., Campbelltown	157156	Road Match	147m
ELECTRICAL SUPPLIES & APPLIANCES-RETAIL	Westgarth, J., Queen St., Campbelltown	157106	Road Match	147m
PUBLIC ADDRESS SYSTEMS	Westgarth, J., Queen St., Campbelltown	157199	Road Match	147m
ELECTRICAL CONTRACTORS &/OR ELECTRICIANS	Westgarth, John Club Hotel Bldg., Queen St., Campbelltown	157104	Road Match	147m
SPORTS GOODS RETAILERS	Weston, Son and Curnow, 180-184 Queen St., Campbelltown	157212	Road Match	147m
TOY DEALERS-RETAIL	Weston, Son and Curow, 180-184 Queen St., Campbelltown	157219	Road Match	147m
BAKERS-BREAD	Williams, A. G., 249 Queen St., Campbelltown	157038	Road Match	147m

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

## Historical Business Directories

6A Watsford Road, Campbelltown, NSW 2560

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

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

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
MOTOR GARAGES & SERVICE STATIONS.	Adams & Rofe Service Station, 68 Queen St., Campbelltown.	63861	1986	Premise Match	183m	South East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Adams & Rofe Service Station, 68 Queen St., Campbelltown. 2560.	55932	1982	Premise Match	183m	South East
Motor Garages & Service Stations	Shell Campbelltown Auto Car, 27 Queen St., Campbelltown	53844	1991	Premise Match	222m	East
MOTOR GARAGES & SERVICE STATIONS.	Explorer Auto Port, 27 Queen St., Campbelltown.	64684	1986	Premise Match	222m	East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Explorer Auto Port, 27 Queen St., Campbelltown. 2560.	56747	1982	Premise Match	222m	East
MOTOR GARAGES & ENGINEERS	Explorer Auto Port (Shell), 27, Queen St. Campbelltown	535237	1970	Premise Match	222m	East
MOTOR GARAGES & SERVICE STATIONS.	Chain Smash Repairs Pty. Ltd , 30 Blaxland Rd., Campbelltown.	64451	1986	Premise Match	224m	North West
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Chain Smash Repairs Pty. Ltd., 30 Blaxland Rd., Campbelltown.2560.	56508	1982	Premise Match	224m	North West
MOTOR GARAGES & SERVICE STATIONS.	Rossi, B., 90 Queen St., Campbelltown.	65372	1986	Premise Match	247m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Rossi, B., 90 Queen St., Campbelltown. 2560.	57500	1982	Premise Match	247m	South
MOTOR GARAGES & ENGINEERS	Caltex Service Station, 90 Queen St. Campbelltown	535230	1970	Premise Match	247m	South
Motor Garages & Service Stations	Zinn, Percy Auto Services, 50 Queen St., Campbelltown	54008	1991	Premise Match	266m	East
MOTOR SERVICE STATIONS-PETROL, OIL, Etc.	Haines Service Centre, 46-48 Queen St. Campbelltown	535254	1970	Premise Match	284m	East
MOTOR GARAGES & SERVICE STATIONS.	Holland Service Station, 46 Queen St., Campbelltown.	64869	1986	Premise Match	285m	East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Holland Service Station, 46 Queen St., Campbelltown. 2560	56968	1982	Premise Match	297m	East
Motor Garages & Service Stations	Esso Campbelltown Service Station, 96 Queen St, Campbelltown 2560	53716	1991	Premise Match	302m	South
MOTOR GARAGES & SERVICE STATIONS.	Esso Campbelltown Service Station, 96 Queen St., Campbelltown.	64614	1986	Premise Match	302m	South
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Esso Campbelltown Service Station, 96 Queen St., Campbelltown.2560.	56683	1982	Premise Match	302m	South
MOTOR GARAGES & ENGINEERS	Esso Servicentre, 112 Queen St. Campbelltown	535236	1970	Premise Match	348m	South
MOTOR GARAGES & ENGINEERS	Pope, J. S., 116 Queen St., Campbelltown	157176	1950	Premise Match	362m	South
MOTOR GARAGES & SERVICE STATIONS.	Clinton's Motors Pty. Ltd., 15 Queen St., Campbelltown.	64481	1986	Premise Match	381m	North East
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Clinton's Motors Pty. Ltd., 15 Queen St., Campbelltown, 2560.	56541	1982	Premise Match	381m	North East
MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Ideal Service Station, 111 Queen St., Campbelltown	193553	1961	Premise Match	495m	South
BATTERY SERVICE STATIONS	Ideal Service Station, 111 Queen St., Campbelltown	193324	1961	Premise Match	495m	South

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
MOTOR GARAGES & ENGINEERS	Ideal Service Station, 111 Queen St., Campbelltown	193541	1961	Premise Match	495m	South
MOTOR GARAGES & ENGINEERS	Viking Auto Wreckers, 20 Blaxland Rd. Campbelltown	535244	1970	Premise Match	496m	North

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

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

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

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
MOTOR GARAGES & SERVICE STATIONS.	Frith, Arthur Automotives, Badgally Rd., Campbelltown.	64720	1986	Road Match	107m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Frith, Arthur Automotives, Badgally Rd., Campbelltown. 2560.	56785	1982	Road Match	107m
MOTOR GARAGES & ENGINEERS	Ampol Service Station, Queen St. Campbelltown	535227	1970	Road Match	147m
MOTOR GARAGES & ENGINEERS	Ampol Service Station, Queen St., Campbelltown	193537	1961	Road Match	147m
MOTOR GARAGES & ENGINEERS	B. and H. Service Station, Queen St., Campbelltown	193538	1961	Road Match	147m
MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	B. and H. Service Station, Queen St., Campbelltown	193550	1961	Road Match	147m
MOTOR GARAGES & ENGINEERS	Campbelltown Auto Port, Queen St., Campbelltown	193539	1961	Road Match	147m
MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Campbelltown Auto Port, Queen St., Campbelltown	193551	1961	Road Match	147m
MOTOR GARAGES & ENGINEERS	Clintons Motors Pty. Ltd., Queen St. Campbelltown	535234	1970	Road Match	147m
MOTOR GARAGES & ENGINEERS	Dunbier Motors (Campbelltown) Pty. Ltd., Queen St. Campbelltown	535235	1970	Road Match	147m
MOTOR GARAGES & ENGINEERS	Ideal Service Station, 77 Queen St. Campbelltown	535238	1970	Road Match	147m
MOTOR GARAGES & SERVICE STATIONS.	Ideal Service Station, 77 Queen St., Campbelltown.	64886	1986	Road Match	147m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Ideal Service Station, 77 Queen St., Campbelltown. 2560.	56983	1982	Road Match	147m
BATTERY SERVICE STATIONS	St., Elmo Service Station, Queen St., Campbelltown	193326	1961	Road Match	147m
MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	St., Elmo Service Station, Queen St., Campbelltown	193556	1961	Road Match	147m
MOTOR GARAGES & ENGINEERS	Campbelltown Car & Truck Repairs, Blaxland Rd. Campbelltown	535232	1970	Road Match	253m
MOTOR GARAGES & ENGINEERS	Chain Smash Repairs Pty. Ltd., Blaxland Rd. Campbelltown	535233	1970	Road Match	253m

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







# Aerial Imagery 2009

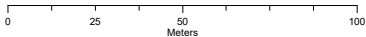
6A Watsford Road, Campbelltown, NSW 2560



## Legend

- Site Boundary
- Buffer 150m

Scale:



Data Source Aerial Imagery: © 2018 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.

Coordinate System:  
GDA 1994 MGA Zone 56

Date: 24 August 2018



Aerial Imagery 2006

6A Watsford Road, Campbelltown, NSW 2560





Aerial Imagery 1994

6A Watsford Road, Campbelltown, NSW 2560





Aerial Imagery 1984

6A Watsford Road, Campbelltown, NSW 2560



<p>Scale:</p> <p>0 25 50 100</p> <p>Meters</p>	<p>Data Source Aerial Imagery:</p> <p>© NSW Department Finance, Services &amp; Innovation</p>	<p>Coordinate System:</p> <p>GDA 1994 MGA Zone 56</p>	<p>Date: 24 August 2018</p>
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Aerial Imagery 1970

6A Watsford Road, Campbelltown, NSW 2560



<p>Scale:</p> <p>0 25 50 100</p> <p>Meters</p>	<p>Data Source Aerial Imagery:</p> <p>© NSW Department Finance, Services &amp; Innovation</p>	<p>Coordinate System:</p> <p>GDA 1994 MGA Zone 56</p>	<p>Date: 24 August 2018</p>
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Aerial Imagery 1965

6A Watsford Road, Campbelltown, NSW 2560





Aerial Imagery 1961

6A Watsford Road, Campbelltown, NSW 2560





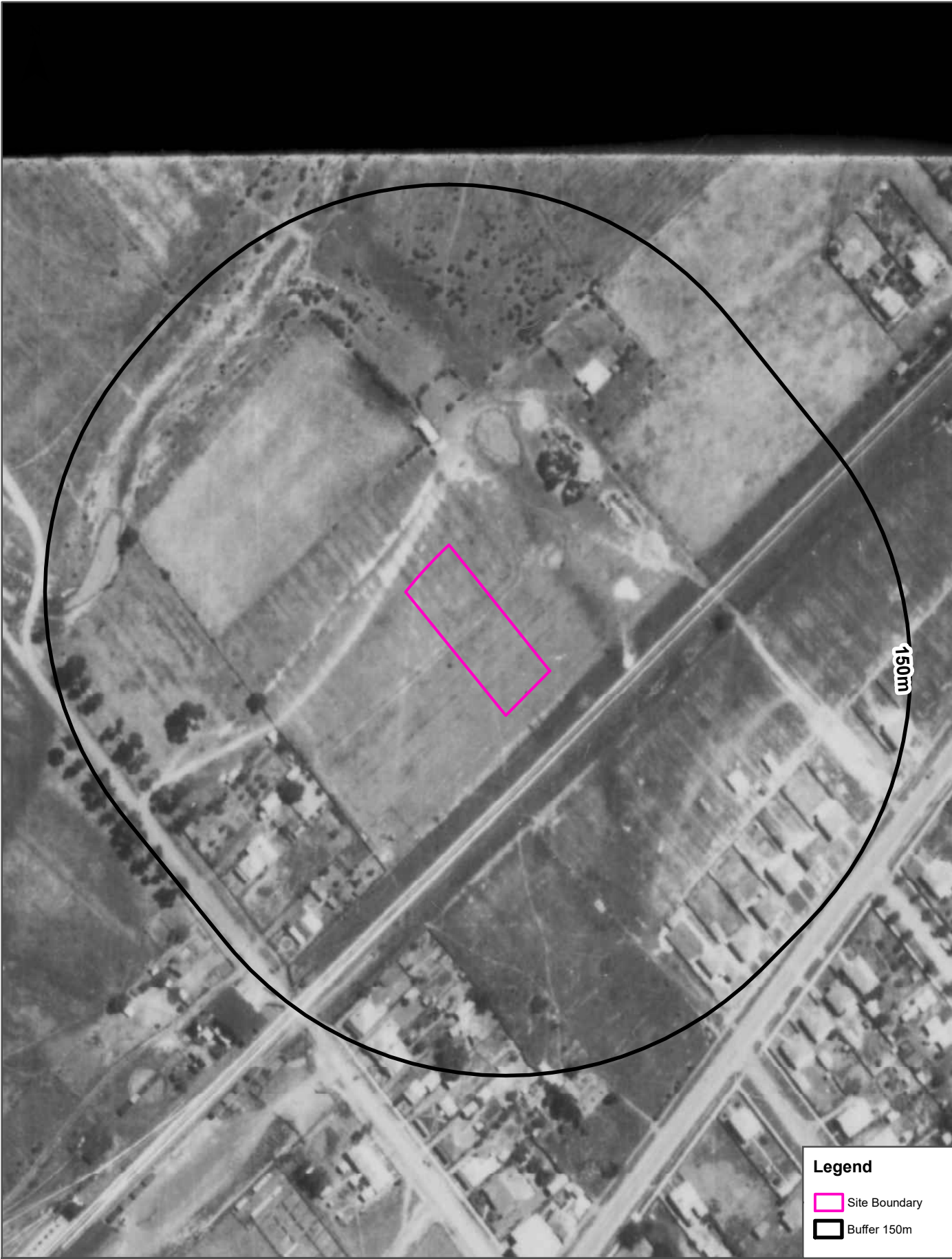
Aerial Imagery 1956

6A Watsford Road, Campbelltown, NSW 2560



Aerial Imagery 1947

6A Watsford Road, Campbelltown, NSW 2560



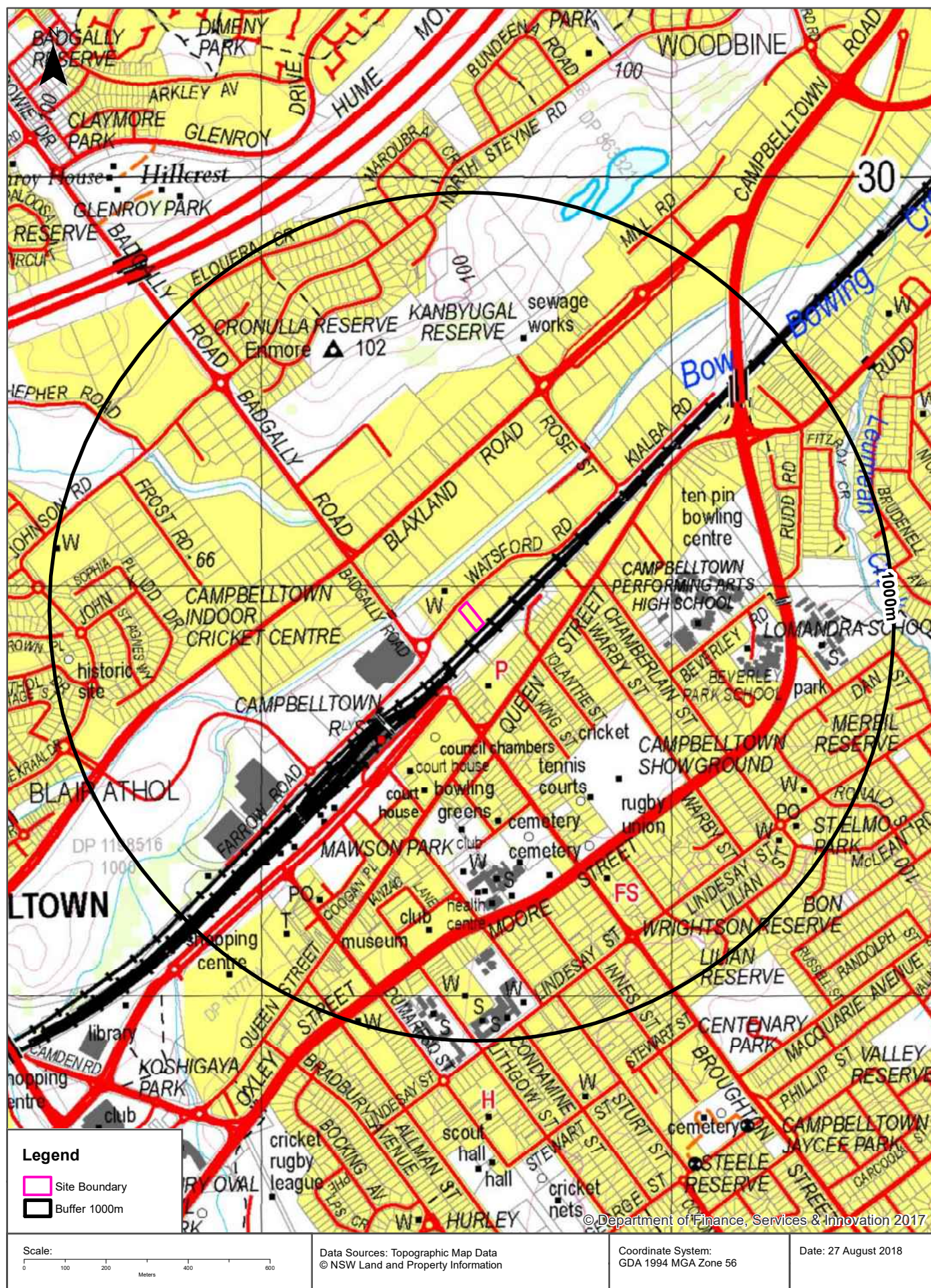
- Legend**
- Site Boundary
  - Buffer 150m

<p>Scale:</p> <p>0 25 50 100</p> <p>Meters</p>	<p>Data Source Aerial Imagery:</p> <p>© NSW Department of Finance, Services &amp; Innovation</p>	<p>Coordinate System:</p> <p>GDA 1994 MGA Zone 56</p>	<p>Date: 26 September 2018</p>
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# Topographic Map 2015

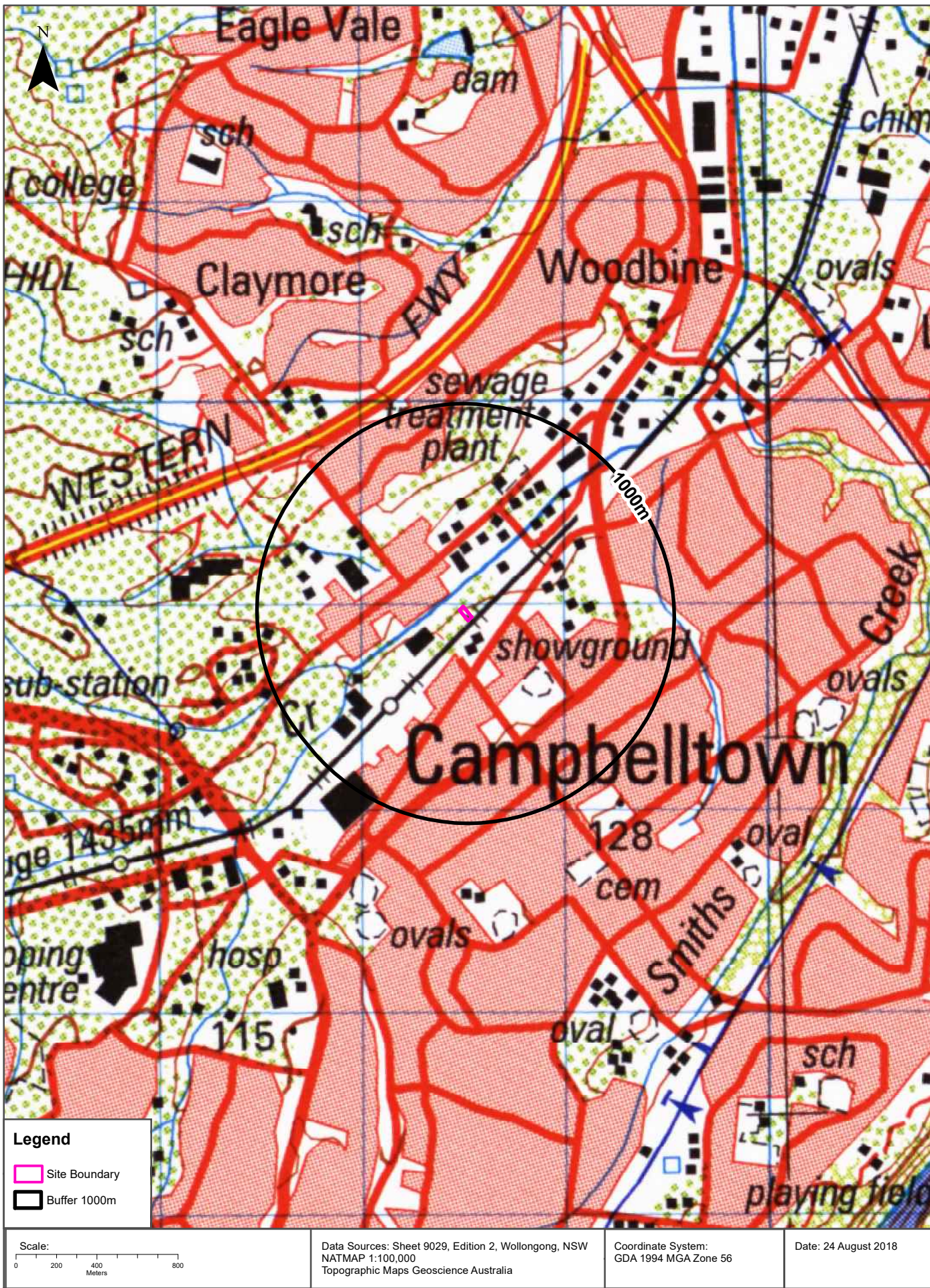
6A Watsford Road, Campbelltown, NSW 2560





Historical Map 1998

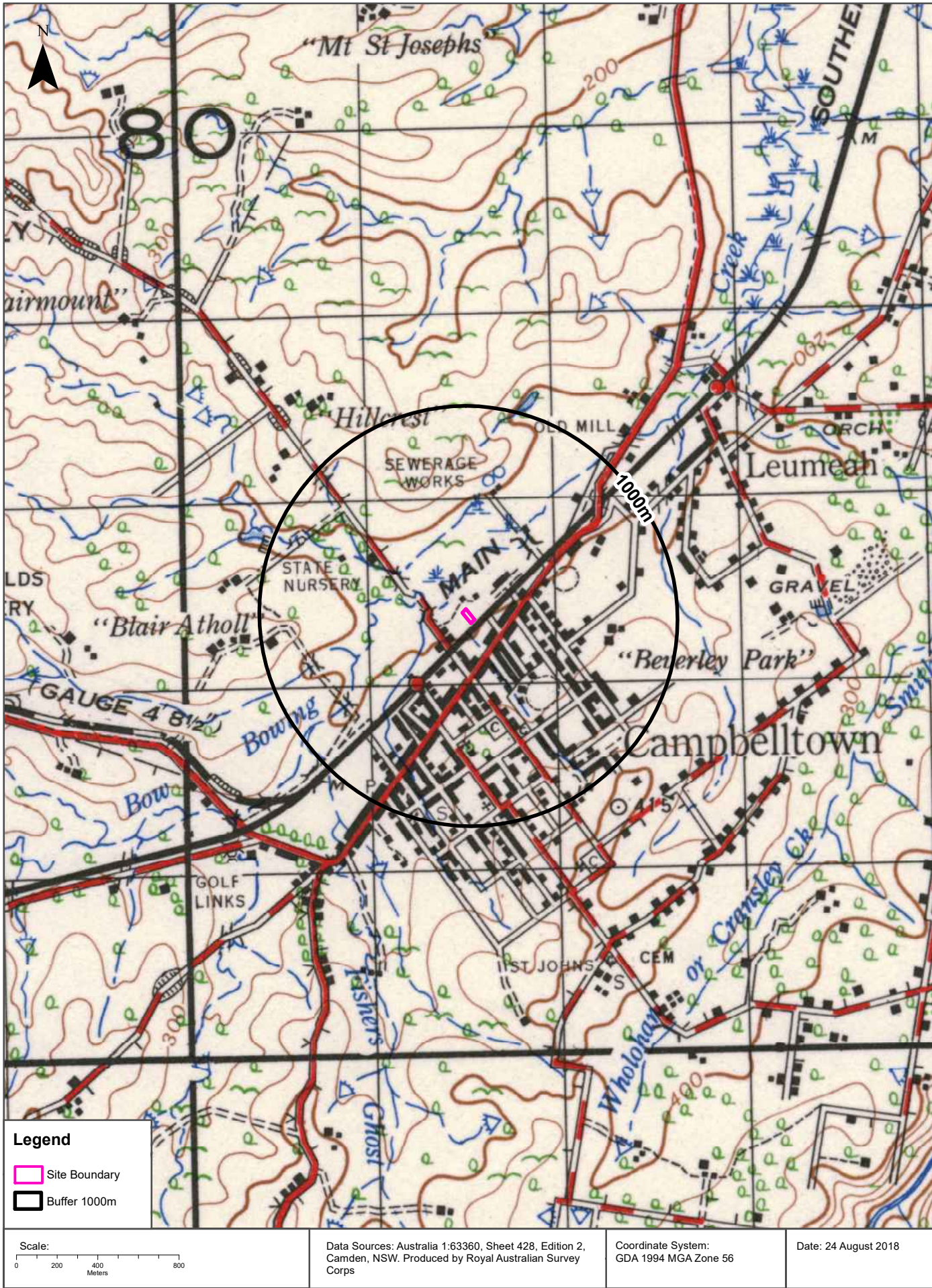
6A Watsford Road, Campbelltown, NSW 2560





# Historical Map 1954

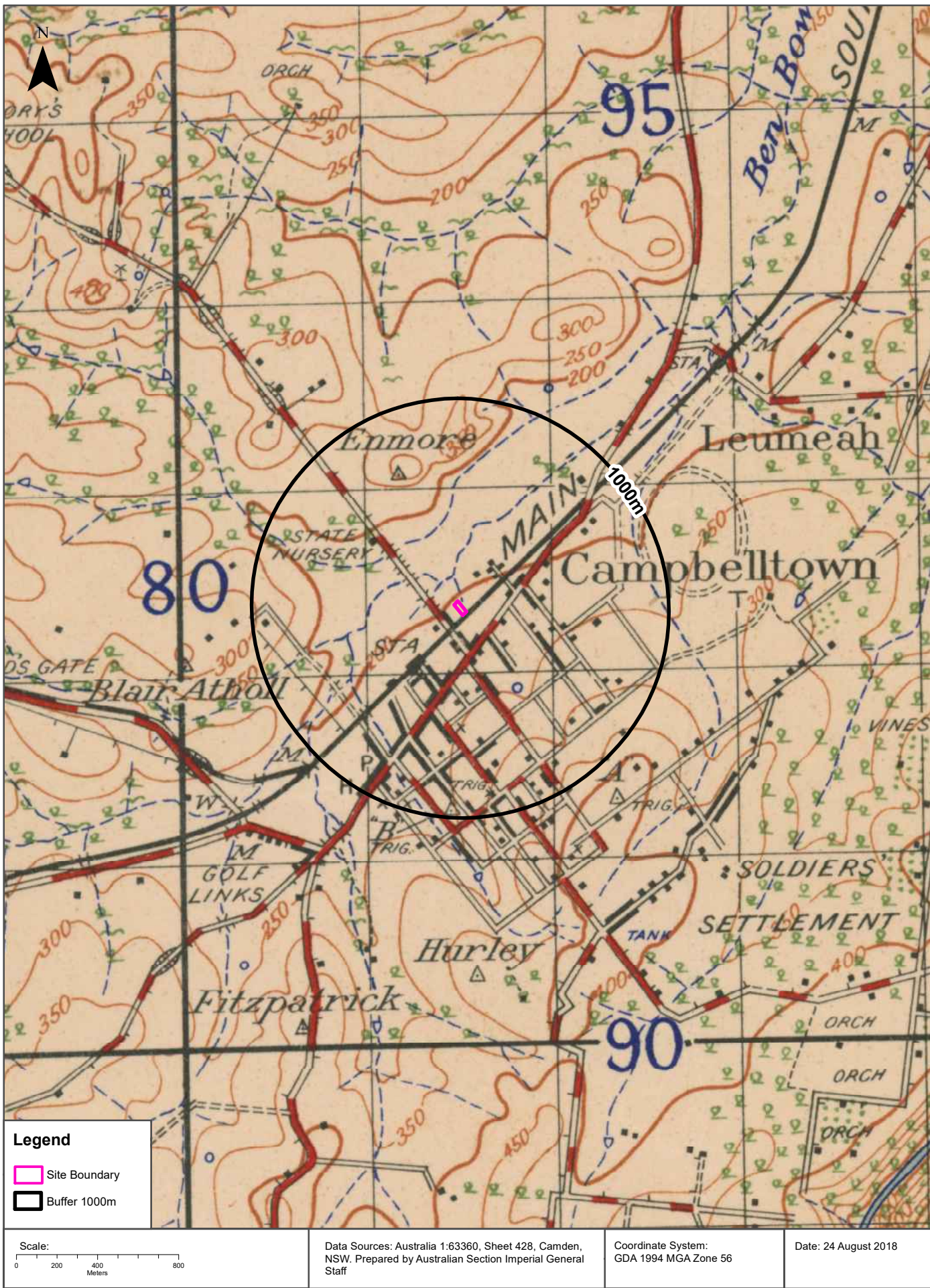
6A Watsford Road, Campbelltown, NSW 2560





# Historical Map 1934

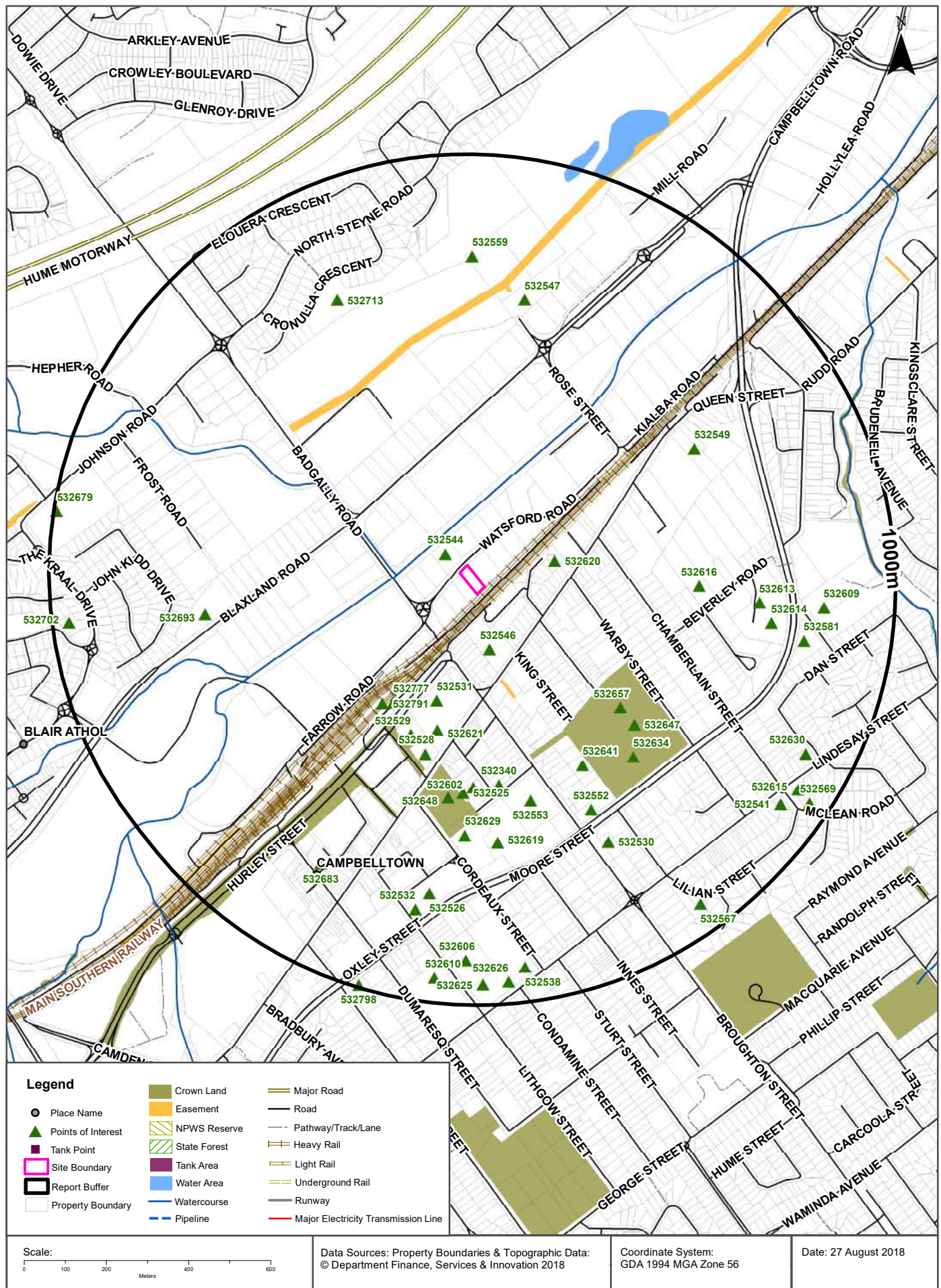
6A Watsford Road, Campbelltown, NSW 2560





# Topographic Features

6A Watsford Road, Campbelltown, NSW 2560





# Topographic Features

6A Watsford Road, Campbelltown, NSW 2560

## Points of Interest

What Points of Interest exist within the dataset buffer?

Map Id	Feature Type	Label	Distance	Direction
532544	Place Of Worship	ASSEMBLIES OF GOD CHURCH	57m	North West
532546	Police Station	CAMPBELLTOWN POLICE STATION	137m	South
532620	Medical Centre	TRAXSIDE BUILDING	181m	East
532531	Local Government Chambers	CAMPBELLTOWN CITY COUNCIL	277m	South
532777	Transport Interchange	CAMPBELLTOWN BUS INTERCHANGE	332m	South West
532621	Medical Centre	MAWSON PARK EARLY CHILDHOOD HEALTH CENTRE	344m	South
532791	Railway Station	CAMPBELLTOWN RAILWAY STATION	351m	South West
532529	Court House	CAMPBELLTOWN COURT HOUSE	377m	South
532528	Court House	CAMPBELLTOWN CHILDRENS COURT	409m	South
532657	Sports Field	CRICKET	442m	South East
532340	Community Facility	LEGACY HOUSE	467m	South
532602	Sports Field	BOWLING GREENS	470m	South
532525	Club	CAMPBELLTOWN CITY BOWLING CLUB	484m	South
532641	Sports Court	TENNIS COURTS	489m	South East
532647	Showground	CAMPBELLTOWN SHOWGROUND	495m	South East
532648	Park	MAWSON PARK	499m	South
532553	Cemetery	Cemetery	518m	South
532616	High School	CAMPBELLTOWN PERFORMING ARTS HIGH SCHOOL	522m	East
532634	Sports Field	RUGBY UNION	548m	South East
532629	Place Of Worship	ST PETERS ANGLICAN CHURCH	587m	South
532552	Cemetery	Cemetery	593m	South East
532619	Primary School	ST PETER'S ANGLICAN PRIMARY SCHOOL	606m	South
532549	Sports Centre	TEN PIN BOWLING CENTRE	611m	North East
532693	Sports Centre	CAMPBELLTOWN INDOOR CRICKET CENTRE	627m	West
532547	Sewage Works	Sewage Works	660m	North
532613	Special School	LOMANDRA SCHOOL	669m	East
532530	Fire Station	CAMPBELLTOWN FIRE STATION	681m	South East
532614	Special School	BEVERLEY PARK SCHOOL	702m	East
532713	Park	CRONULLA RESERVE	719m	North West
532526	Club	CAMPBELLTOWN RSL CLUB	737m	South

Map Id	Feature Type	Label	Distance	Direction
532559	Park	KANBYUGAL RESERVE	752m	North
532683	Post Office	CAMPBELLTOWN POST OFFICE	758m	South West
532532	Museum	RICHMOND VILLA HERITAGE CENTRE	781m	South
532581	Park	Park	787m	East
532751	City	CAMPBELLTOWN	787m	South West
532609	Primary School	CAMPBELLTOWN NORTH PUBLIC SCHOOL	827m	East
532630	Place Of Worship	PRESBYTERIAN CHURCH	880m	South East
532606	Place Of Worship	PRESBYTERIAN CHURCH	891m	South
532541	Place Of Worship	BAPTIST CHURCH	893m	South East
532615	Post Office	CAMPBELLTOWN NORTH POST OFFICE	908m	South East
532538	Place Of Worship	CATHOLIC CHURCH	914m	South
532567	Park	LILIAN RESERVE	929m	South East
532610	Primary School	CAMPBELLTOWN PUBLIC SCHOOL	939m	South
532626	Primary School	ST JOHN THE EVANGELIST CATHOLIC PRIMARY SCHOOL	946m	South
532625	Primary School	ASPECT MACARTHUR SCHOOL CAMPBELLTOWN	950m	South
532569	Park	ST ELMO PARK	950m	South East
532702	Historic Site	BLAIR ATHOL	958m	West
532679	Place Of Worship	MORMON CHURCH	992m	West
532798	Place Of Worship	UNITING CHURCH	993m	South

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

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## Topographic Features

6A Watsford Road, Campbelltown, NSW 2560

### 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
120122371	Primary	Undefined		215m	South
120120580	Primary	Undefined		498m	North
120118186	Primary	Undefined		807m	South West

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

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## Topographic Features

6A Watsford Road, Campbelltown, NSW 2560

### 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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## Hydrogeology & Groundwater

6A Watsford Road, Campbelltown, NSW 2560

### Hydrogeology

Description of aquifers on-site:

Description
Porous, extensive aquifers of low to moderate productivity

Description of aquifers within the dataset buffer:

Description
Porous, extensive aquifers of low to moderate productivity

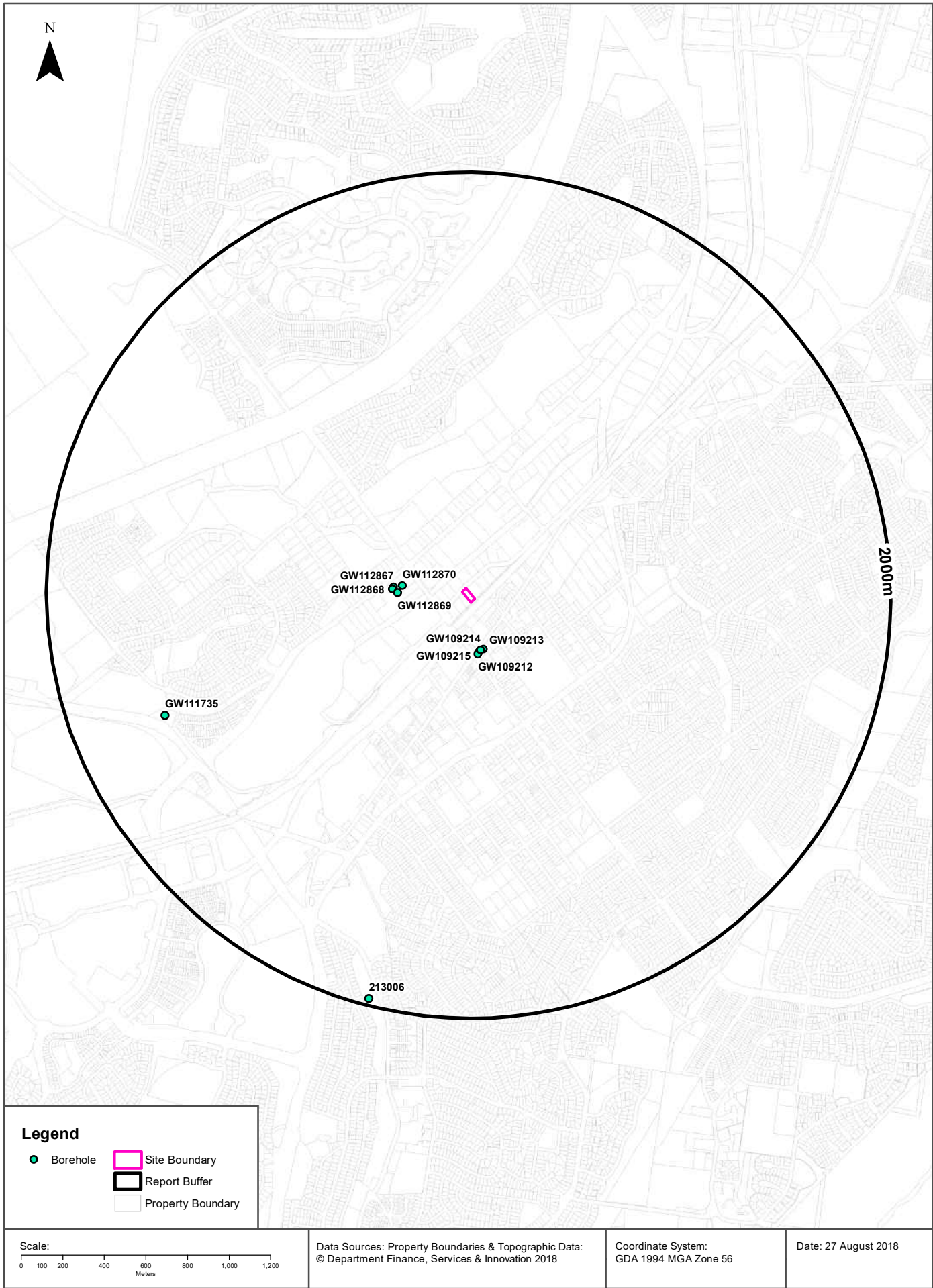
Hydrogeology Map of Australia : Commonwealth of Australia (Geoscience Australia)  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

### Botany Groundwater Management Zones

Groundwater management zones relating to the Botany Sand Beds aquifer within the dataset buffer:

Management Zone No.	Restriction	Distance	Direction
N/A	No records in buffer		

Botany Groundwater Management Zones Data Source : NSW Department of Primary Industries



# Hydrogeology & Groundwater

6A Watsford Road, Campbelltown, NSW 2560

## Groundwater Boreholes

Boreholes within the dataset buffer:

GW No.	Licence No	Work Type	Owner Type	Authorised Purpose	Intended Purpose	Name	Complete Date	Final Depth (m)	Drilled Depth (m)	Salinity (mg/L)	SWL (m)	Yield (L/s)	Elev (AHD)	Dist	Dir
GW109 213	10BL602 480	Bore	Private	Monitoring Bore	Monitoring Bore		14/08/2008	5.00	5.00					233m	South
GW109 214	10BL602 480	Bore	Private	Monitoring Bore	Monitoring Bore		14/08/2008	7.00	7.00					235m	South
GW109 215	10BL602 480	Bore	Private	Monitoring Bore	Monitoring Bore		15/08/2008	5.00	5.00					243m	South
GW109 212	10BL602 480	Bore	Private	Monitoring Bore	Monitoring Bore		14/08/2008	9.00	9.00					250m	South
GW112 870	10BL604 497	Bore	Private	Monitoring Bore	Monitoring Bore		07/03/2011	6.50	6.50		4.50			289m	West
GW112 869	10BL604 497	Bore	Private	Monitoring Bore	Monitoring Bore		07/03/2011	6.50	6.50		4.50			310m	West
GW112 867	10BL604 497	Bore	Private	Monitoring Bore	Monitoring Bore		07/03/2011	6.50	6.50		4.50			330m	West
GW112 868	10BL604 497	Bore	Private	Monitoring Bore	Monitoring Bore		07/03/2011	6.50	6.50		4.50			336m	West
GW111 735	10BL602 931	Bore	Private	Monitoring Bore	Monitoring Bore		12/05/2009	5.00	5.00		3.00			1546m	West
213006					UNK								85.13	1966m	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

6A Watsford Road, Campbelltown, NSW 2560

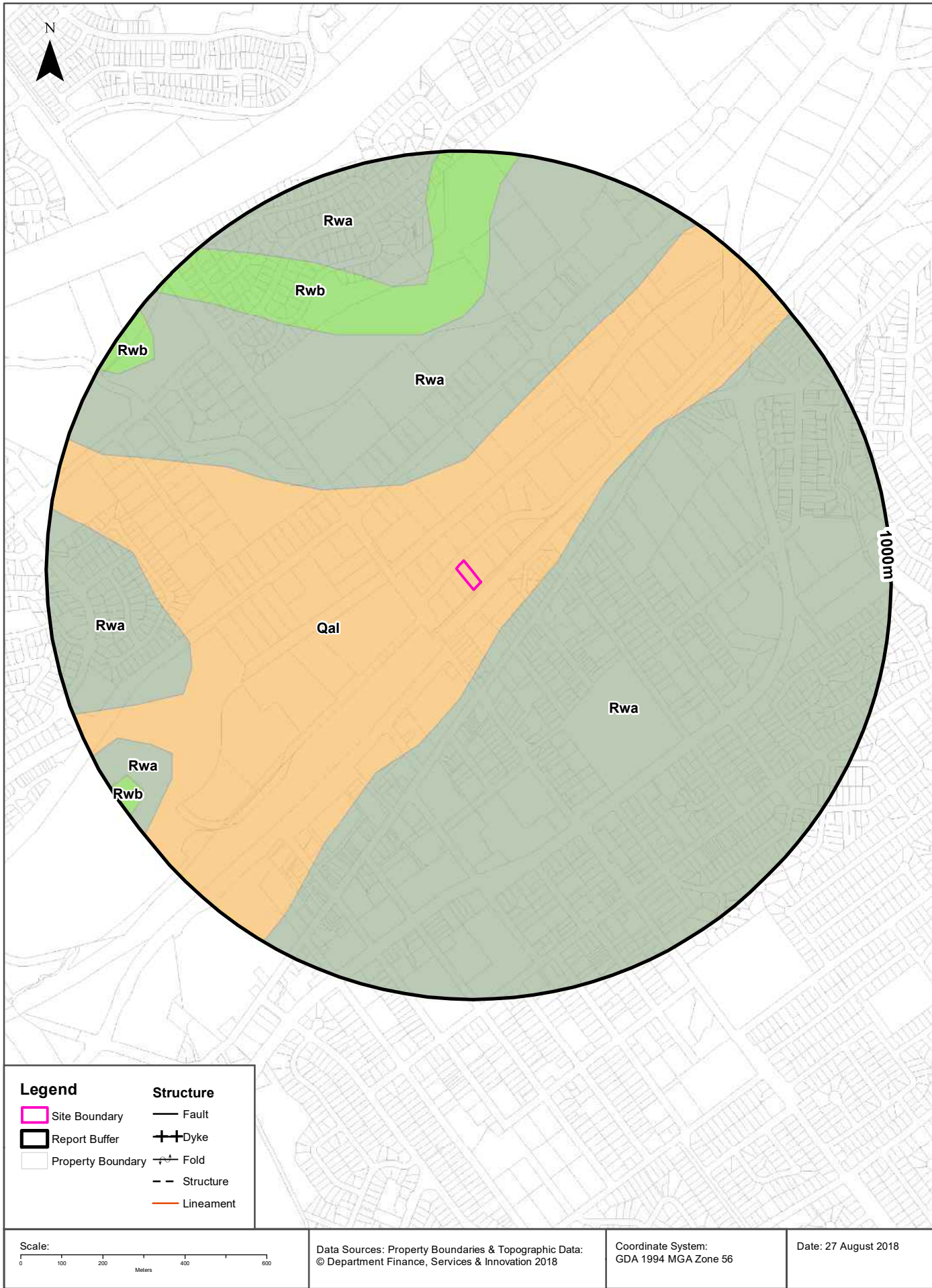
## Driller's Logs

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

Groundwater No	Drillers Log	Distance	Direction
GW109213	0.00m-0.10m CONCRETE 0.10m-0.20m FILL. SAND,FINETO MEDIUM GRAINED 0.20m-0.60m FILL, GRAVELLY CLAY 0.60m-0.90m SILTY CLAY. MEDIUM PLASTICITY,GREY /BROWN 0.90m-1.20m SILTY CLAY ,GREY /ORANGE 1.20m-2.40m SILTY CLAY,GREY AND RED BROWN MOTTLED. 2.40m-3.30m SILTY CLAY,PALE WITH SOME PALE ORANGE MOTT. 3.30m-4.20m SILTY CLAY,MED. PLASTICITY 4.20m-5.00m SHALE GREY	233m	South
GW109214	0.00m-0.10m CONCRETE 0.10m-0.20m FILL,SAND 0.20m-0.30m FILL, SANDY CLAY,LOW TO MED. PLASTICITY 0.30m-0.60m SILTY CLAY,RED BROWN AND ORANGE 0.60m-1.70m SILTY CLAY, MED TO HIGH PLASTICITY,RED,BROWN 1.70m-2.30m SILTY CLAY,GREY AND PALE YELLOW MOTTLED 2.30m-3.10m SILTY CLAY PALE GREY ,PALE YELLOW 3.10m-3.20m SILTY CLAY,LOW TO MED PLASTICITY.,GRAVELS 3.20m-4.20m SILTY CLAY,PALE GREY AND PALE ORANGE MOTT. 4.20m-7.00m SHALE GREY,GREY TO DARK GREY.	235m	South
GW109215	0.00m-0.10m CONCRETE 0.10m-0.40m FILL,SILTY CLAY,ORANGE,GREY,M/GRAVEL 0.40m-0.80m SILTY CLAY RED BROWN AND GREY 0.80m-1.50m SILTY CLAY MED TO HIGH PLASTICITY,RED BROWN AND GREY 1.50m-3.60m SILTY CLAY MED. PLASTICITY,SOME GRAVEL 3.60m-4.40m SILTY CLAY,MED. PLASTICITY ,DARK GREY.GRAINED SAND 4.40m-5.00m SHALE GREY TO DARK GREY	243m	South
GW109212	0.00m-0.40m FILL, SAND 0.40m-0.60m FILL, SANDY CLAY,GRAINED GRAVEL 0.60m-1.10m SILTY CLAY,ORANGE RED 1.10m-1.50m SILTY CLAY,PALE GREY,RED/BROWN MOTTLING. 1.50m-2.70m SILTY CLAY MED/PLASTICITY,SOME GRAVEL 2.70m-3.50m SILTY CLAY,MED PLASTICITY,GREY AND BROWN 3.50m-4.50m SHALE, GREY 4.50m-5.30m SHALE,DARK GREY 5.30m-9.00m SHALE,GREY TO DARK GREY	250m	South

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

6A Watsford Road, Campbelltown, NSW 2560

### Geological Units

What are the Geological Units onsite?

Symbol	Description	Unit Name	Group	Sub Group	Age	Dom Lith	Map Sheet	Dataset
Qal	quartz and lithic "fluvial" sand, silt, and clay						Wollongong & Port Hacking	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
Qal	quartz and lithic "fluvial" sand, silt, and clay						Wollongong & Port Hacking	1:100,000
Rwa	laminite and dark-grey siltstone	Ashfield Shale	Wianamatta Group				Wollongong & Port Hacking	1:100,000
Rwb	shale, carbonaceous claystone, laminite, fine to medium-grained lithic sandstone, rare coal and tuff	Bringelly Shale	Wianamatta Group				Wollongong & Port Hacking	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
No features				1:100,000

Geological Data Source : NSW Department of Industry, Resources & Energy

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## Naturally Occurring Asbestos Potential

6A Watsford Road, Campbelltown, NSW 2560

## Naturally Occurring Asbestos Potential

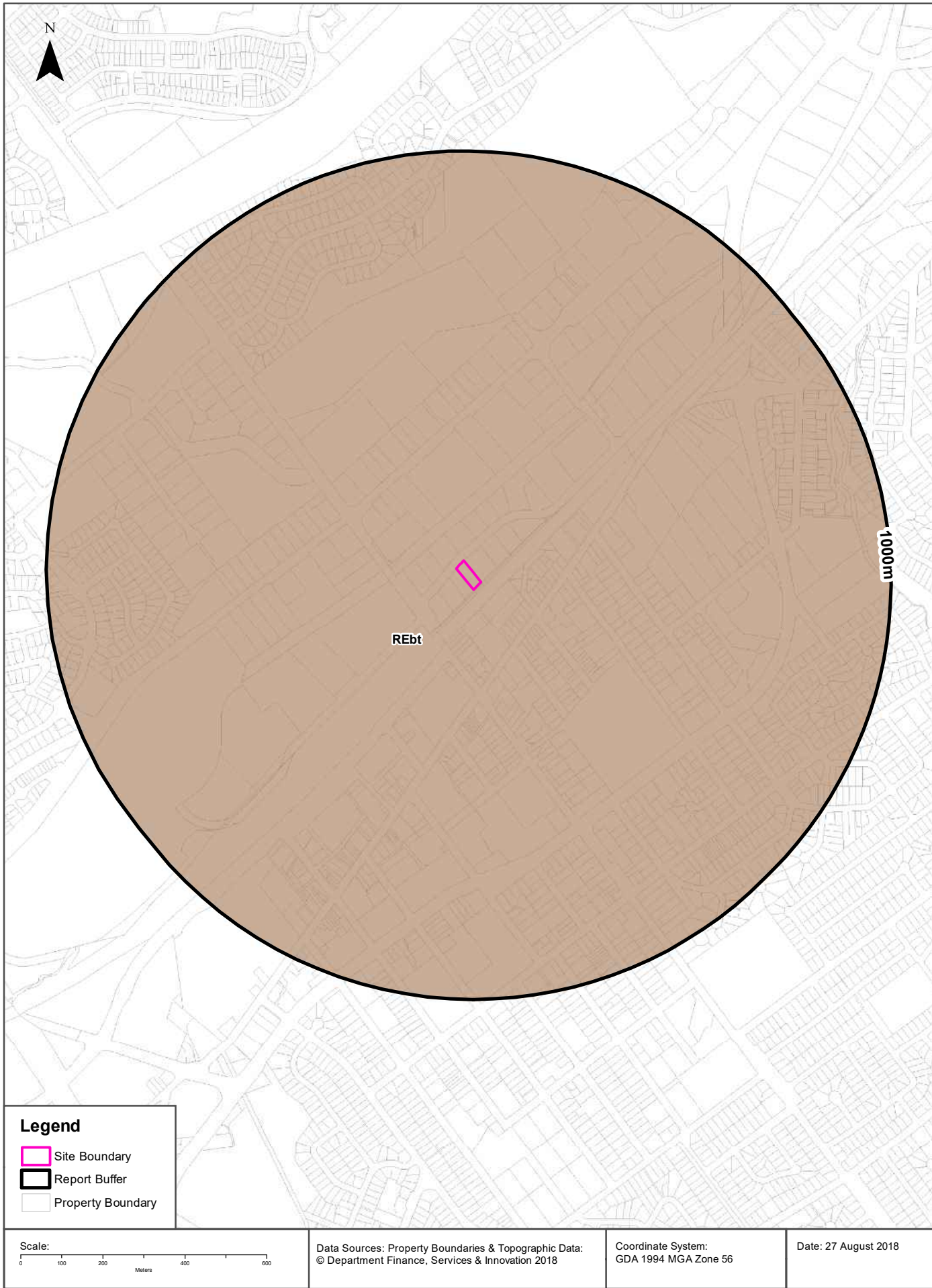
Naturally Occurring Asbestos Potential within the dataset buffer:

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

6A Watsford Road, Campbelltown, NSW 2560



## Soils

6A Watsford Road, Campbelltown, NSW 2560

## Soil Landscapes

What are the onsite Soil Landscapes?

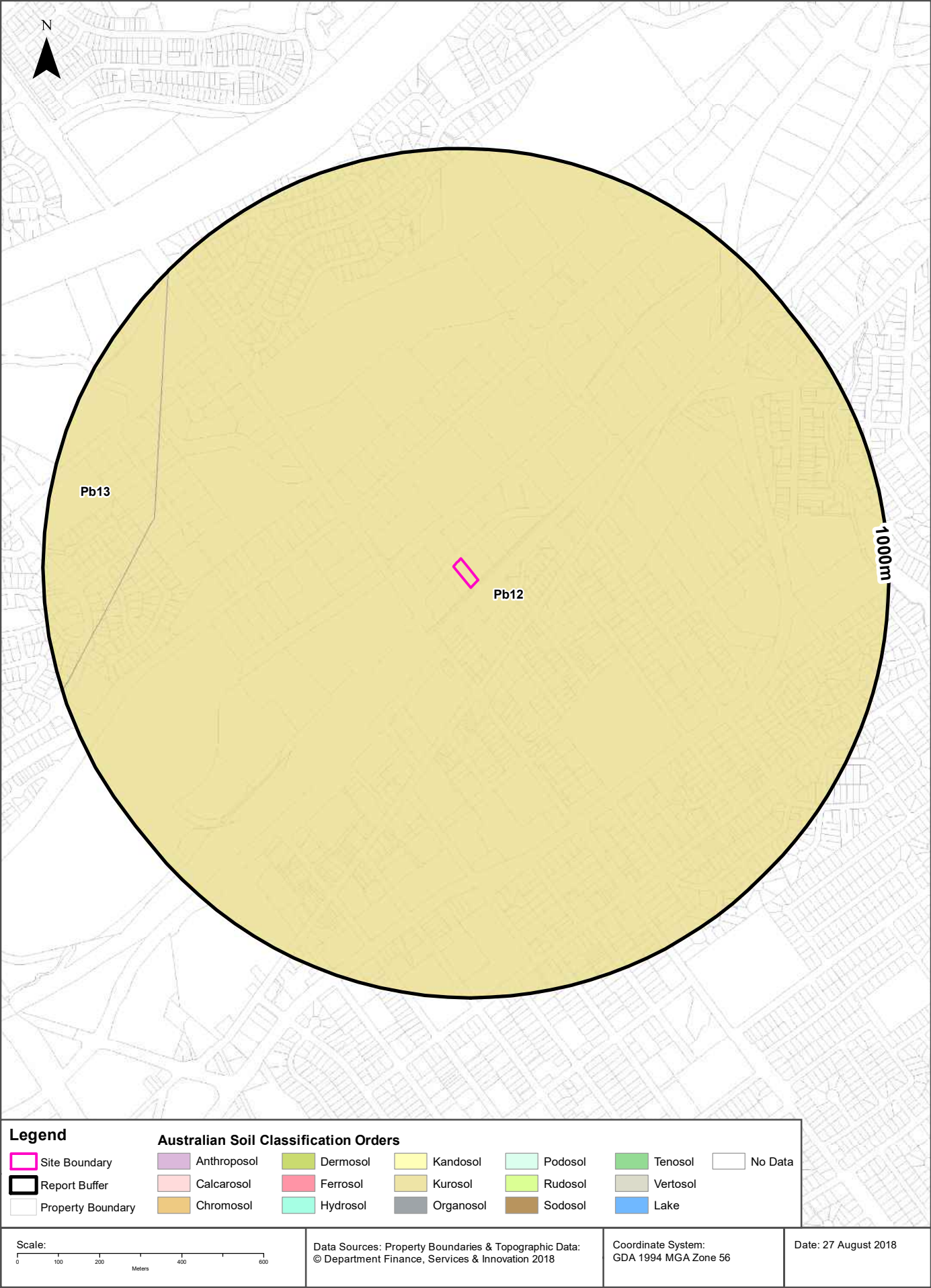
Soil Code	Name	Group	Process	Map Sheet	Scale
REbt	BLACKTOWN		RESIDUAL	Wollongong & Port Hacking	1:100,000

What are the Soil Landscapes within the dataset buffer?

Soil Code	Name	Group	Process	Map Sheet	Scale
REbt	BLACKTOWN		RESIDUAL	Wollongong & Port Hacking	1:100,000

Soils Landscapes Data Source : NSW Office of Environment and Heritage

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## Soils

6A Watsford Road, Campbelltown, NSW 2560

### 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
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.	0m
Pb13	Kurosol	Ridge and valley country of gently undulating ridge tops and steep side slopes often with slumping, also rounded hilly to steep hilly areas and relatively narrow valleys: chief soils are hard acidic red soils (Dr2.21) with hard acidic yellow mottled soils (Dy3.41); in places some ironstone gravels occur in both these soils. Associated are hard neutral and alkaline red soils (Dr2.22 and Dr2.23) in saddles and some mid-slope positions; (Dy3.42 and Dy3.43) soils, usually in depressions; and small areas of undescribed soils in wet soaks and valley areas. Small areas of other soils are likely throughout.	739m

Atlas of Australian Soils Data Source: CSIRO

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## Acid Sulfate Soils

6A Watsford Road, Campbelltown, NSW 2560

### Standard Local Environmental Plan Acid Sulfate Soils

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

Soil Class	Description	LEP
N/A		

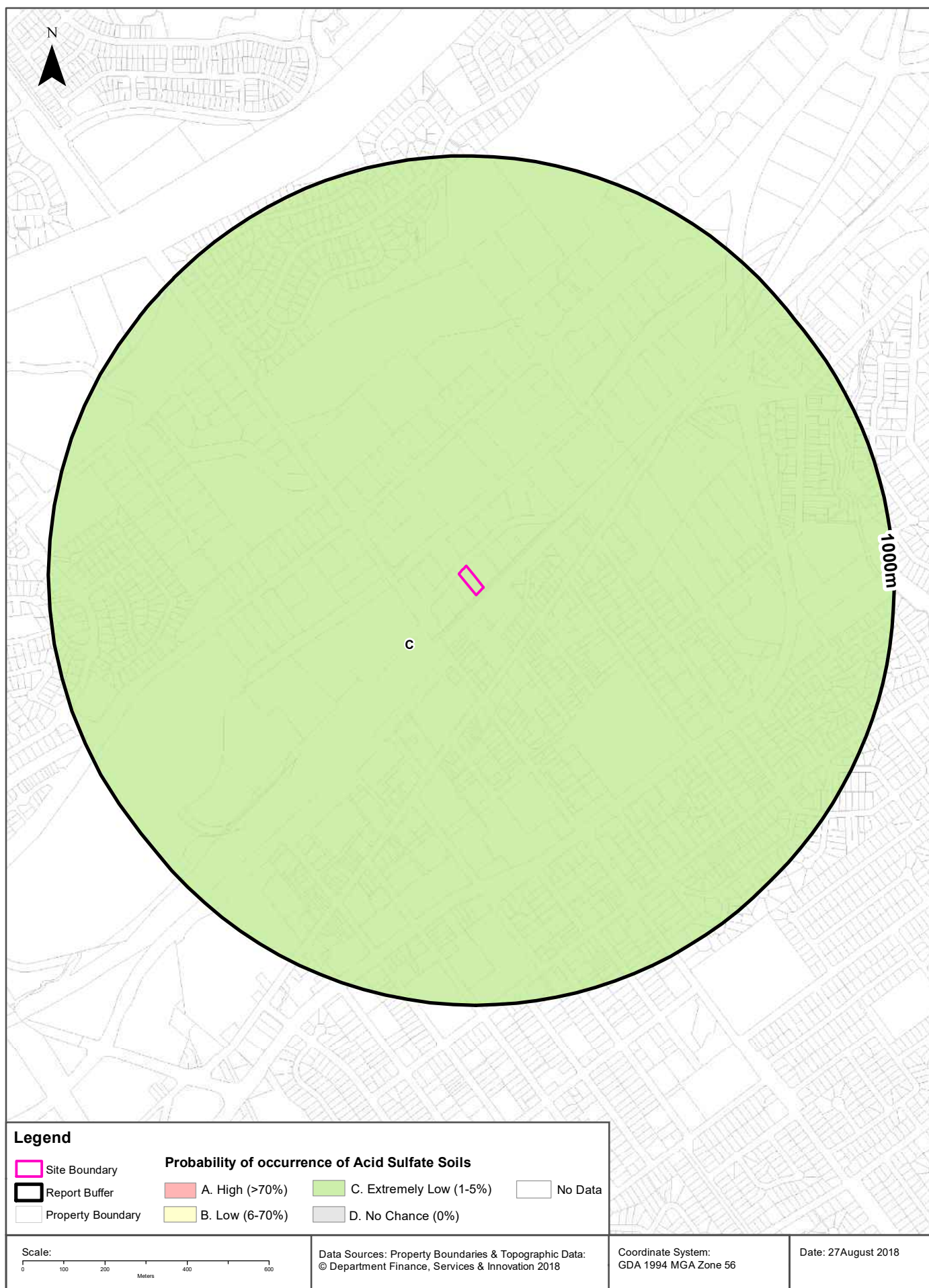
If the on-site Soil Class is 5, what other soil classes exist within 500m?

Soil Class	Description	LEP	Distance	Direction
N/A				

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

6A Watsford Road, Campbelltown, NSW 2560



## Acid Sulfate Soils

6A Watsford Road, Campbelltown, NSW 2560

### 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

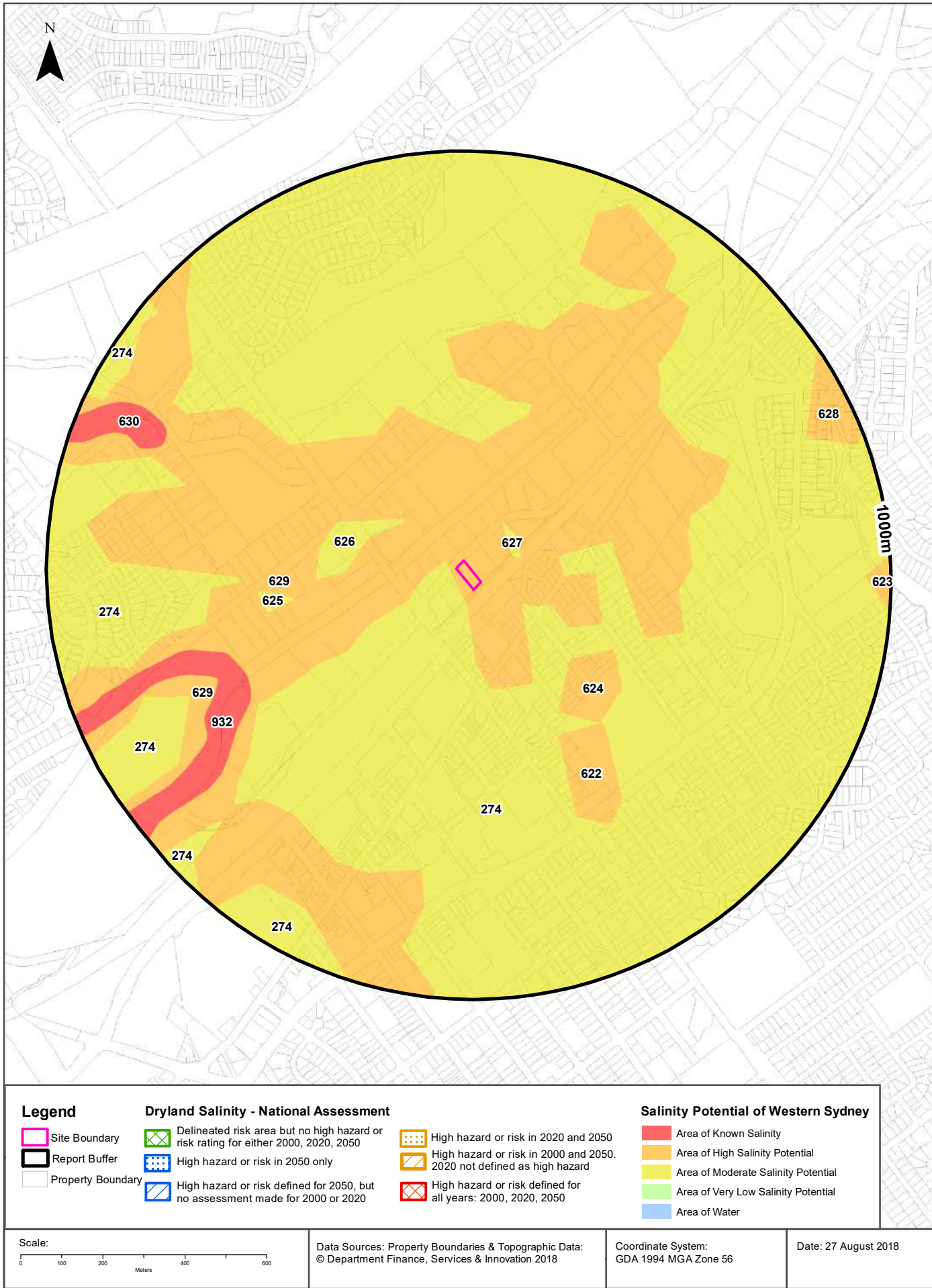
Atlas of Australian Acid Sulfate Soils Data Source: CSIRO

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Dryland Salinity

6A Watsford Road, Campbelltown, NSW 2560



## Dryland Salinity

6A Watsford Road, Campbelltown, NSW 2560

### 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
629	HIGH	Area of High Salinity Potential	0m	Onsite
274	MODERATE	Area of Moderate Salinity Potential	15m	North
627	MODERATE	Area of Moderate Salinity Potential	98m	North East
626	MODERATE	Area of Moderate Salinity Potential	174m	West
624	HIGH	Area of High Salinity Potential	288m	South East
625	MODERATE	Area of Moderate Salinity Potential	401m	West
622	HIGH	Area of High Salinity Potential	412m	South East
932	SALT	Area of Known Salinity	574m	South West
630	SALT	Area of Known Salinity	777m	West
628	HIGH	Area of High Salinity Potential	871m	North East
623	HIGH	Area of High Salinity Potential	939m	East

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

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## Mining Subsidence Districts

6A Watsford Road, Campbelltown, NSW 2560

## 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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## Environmental Zoning

6A Watsford Road, Campbelltown, NSW 2560

### 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
N/A	No records within buffer			

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:

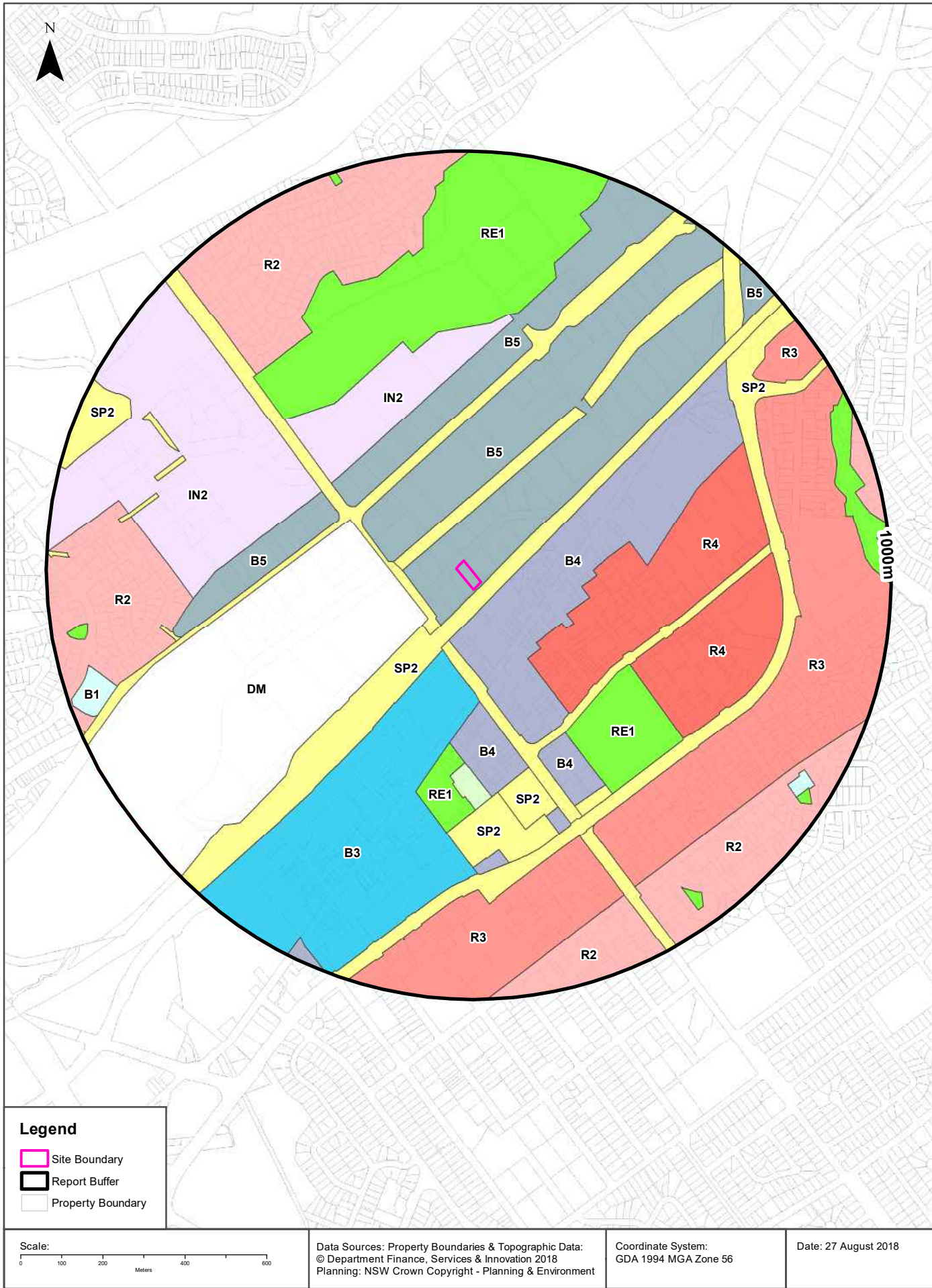
Strategic Land Use	SEPPNo	Effective Date	Amendment	Amendment Year	Distance	Direction
No records within buffer						

SEPP Strategic Land Use Data Source: NSW Department of Planning & Environment  
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LEP Planning Zones

6A Watsford Road, Campbelltown, NSW 2560



# Local Environmental Plan

6A Watsford Road, Campbelltown, NSW 2560

## 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
B5	Business Development		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		0m	Onsite
SP2	Infrastructure	Railway Corridor	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		4m	North East
B4	Mixed Use		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		43m	East
SP2	Infrastructure	Drainage	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		80m	North
SP2	Infrastructure	Road	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		107m	North West
DM	Deferred Matter		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		129m	West
SP2	Infrastructure	Road	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		137m	South East
B3	Commercial Core		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		164m	South West
R4	High Density Residential		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		200m	East
B4	Mixed Use		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		272m	South
B5	Business Development		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		277m	North East
B5	Business Development		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		312m	West
IN2	Light Industrial		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		357m	North West
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		377m	South
IN2	Light Industrial		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		379m	West
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		395m	South East
B4	Mixed Use		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		413m	South East
R4	High Density Residential		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		415m	East
RE2	Private Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		423m	South
SP2	Infrastructure	Cemetery	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		452m	South
SP2	Infrastructure	Drainage	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		485m	North East
SP2	Infrastructure	School, Church	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		497m	South
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		498m	North
B4	Mixed Use		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		567m	South
SP2	Infrastructure	Cemetery	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		574m	South East
SP2	Infrastructure	Classified Road	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		601m	East
R3	Medium Density Residential		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		634m	East
B4	Mixed Use		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		636m	South

Zone	Description	Purpose	LEP or SEPP	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
SP2	Infrastructure	Road	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		641m	South East
R2	Low Density Residential		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		645m	West
R3	Medium Density Residential		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		652m	South
R2	Low Density Residential		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		668m	North
SP2	Infrastructure	Drainage	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		690m	West
SP2	Infrastructure	Drainage	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		712m	West
SP2	Infrastructure	Drainage	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		733m	North West
SP2	Infrastructure	Drainage	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		748m	West
R2	Low Density Residential		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		815m	East
SP2	Infrastructure	Classified Road	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		828m	North
R2	Low Density Residential		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		829m	South
R3	Medium Density Residential		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		832m	North East
B1	Neighbourhood Centre		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		875m	West
SP2	Infrastructure	Drainage	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		875m	West
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		883m	South East
B5	Business Development		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		885m	North East
B1	Neighbourhood Centre		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		896m	South East
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		897m	East
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		910m	West
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		930m	South East
SP2	Infrastructure	Drainage	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		943m	West
B4	Mixed Use		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		946m	South West
RE1	Public Recreation		Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		968m	North
SP2	Infrastructure	Drainage	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		987m	North East
SP2	Infrastructure	Drainage	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	29/06/2018		991m	South West

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## Local Environmental Plan

6A Watsford Road, Campbelltown, NSW 2560

### 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
15	15.00 m	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	03/08/2018		100

### 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	Campbelltown Local Environmental Plan 2015	29/06/2018	29/06/2018	29/06/2018	Amendment No 4	100

### 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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**6A Watsford Road, Campbelltown, NSW 2560**



## Heritage

6A Watsford Road, Campbelltown, NSW 2560

### 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
5045445	Warbys Barn & Warbys Stables	14 - 20 Queen Street Campbelltown	Campbelltown	02/04/1999	497	1293	623m	North East
5045750	Glenalvon	8 Lithgow Street Campbelltown	Campbelltown	02/04/1999	4	29	663m	South
5045301	Campbelltown Post Office (former)	261 Queen Street Campbelltown	Campbelltown	02/04/1999	265	644	873m	South West
5045430	CBC Bank	263 Queen Street Campbelltown	Campbelltown	02/04/1999	499	1290	886m	South West
5045135	Queen Street Buildings Group	284 - 298 Queen Street Campbelltown	Campbelltown	02/04/1999	7	6	960m	South West

Heritage Data Source: NSW Crown Copyright - Planning & Environment

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### Local Heritage Items

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

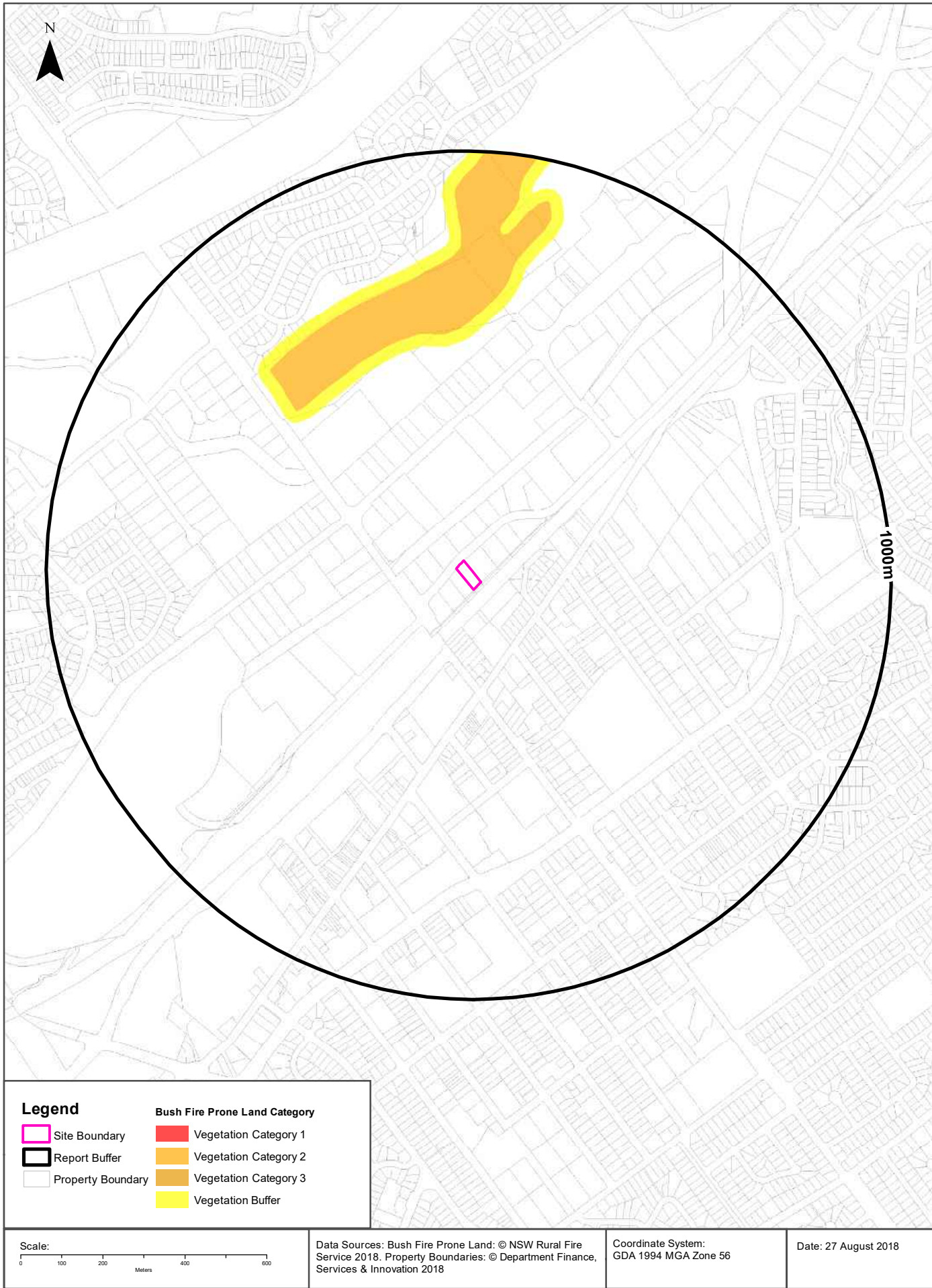
Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
I34	Water trough	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	265m	South
I28	Campbelltown Court House	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	331m	South
I15	Campbelltown Railway Station	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	336m	South West
I32	Former Congregational Manse	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	356m	East
I10	Milestone XXXIII	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	424m	South
I13	St Peter's Anglican Church Group - Church, Rectory, Former Stables and Anglican Cemetery	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	452m	South
I13	St Peter's Anglican Church Group - Church, Rectory, Former Stables and Anglican Cemetery	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	536m	South
I8	Presbyterian Cemetery	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	574m	South East
I00497	Warby's Stables and Barn	Item - General	State	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	624m	North East

Map Id	Name	Classification	Significance	LEP or Act	Published Date	Commenced Date	Currency Date	Distance	Direction
I00004	Glenalvon (including house, stables, grounds and water trough)	Item - General	State	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	663m	South
I43	House	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	701m	South East
I18	Richmond Villa	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	736m	South
I19	St David's Presbyterian Church and former Manse	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	817m	South
I24	Braefield	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	840m	South
I23	Caversham	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	867m	South
I00265	Former Campbelltown Post Office	Item - General	State	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	873m	South West
I00499	Former Commercial Bank of Sydney	Item - General	State	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	886m	South West
I79	Warby's Dams 1 and 2 on Leumeah Creek	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	897m	East
I12	St John the Evangelist Church (new)	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	900m	South
I2	Blair Athol Residential Group comprising 'The Kia', 'Blair Athol' and 'The Kraal'	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	910m	West
I39	House	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	932m	South
C1	Queen Street Heritage Conservation Area	Conservation Area - General	State	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	960m	South West
I00007	Queen Street Building Group - McGuanne House, former Railway Hotel, Bursill's Shop and coach house	Item - General	State	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	960m	South West
I40	House	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	961m	South
I11	House	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	980m	South
I25	Wesleyan Chapel	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	985m	South
I41	House	Item - General	Local	Campbelltown Local Environmental Plan 2015	11/12/2015	11/03/2016	17/11/2017	993m	South

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## Natural Hazards

6A Watsford Road, Campbelltown, NSW 2560

### Bush Fire Prone Land

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

Bush Fire Prone Land Category	Distance	Direction
Vegetation Buffer	507m	North
Vegetation Category 2	537m	North

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



## Ecological Constraints

6A Watsford Road, Campbelltown, NSW 2560

## 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	0m	Onsite
Weed_Ex	Weed_Ex: Weeds and Exotics			00: Not assessed	00: Not assessed	0: Not assessed	Exotic Species >90% cover	390m	West
S_GW03	S_GW03: Cumberland Shale Plains Woodland	Cumberland Plain Woodland	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	15: Grassy natives and exotics	24: Urban mixed use	4: Very high	E.tereticornis/E.molucannaE.crebra/E.eugenioides	500m	North West
Plant_n	Plant_n: Plantation (native and/or exotic)			00: Not assessed	00: Not assessed	0: Not assessed	Native or Exotic Plantations	529m	North
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		20: Weeds and exotics	13: Weeds	3: High	E.tereticornis/E.amplifolia/A.floribunda	575m	South West

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

6A Watsford Road, Campbelltown, NSW 2560

### 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

6A Watsford Road, Campbelltown, NSW 2560

### 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

6A Watsford Road, Campbelltown, NSW 2560

### 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?

Data does not include NSW category 1 sensitive species.

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Amphibia	Heleioporus australiacus	Giant Burrowing Frog	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Amphibia	Litoria aurea	Green and Golden Bell Frog	Endangered	Not Sensitive	Vulnerable	
Animalia	Amphibia	Litoria brevipalmata	Green-thighed Frog	Vulnerable	Not Sensitive	Not Listed	
Animalia	Amphibia	Litoria littlejohni	Littlejohn's Tree Frog	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Amphibia	Pseudophryne australis	Red-crowned Toadlet	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Anthochaera phrygia	Regent Honeyeater	Critically Endangered	Not Sensitive	Critically Endangered	
Animalia	Aves	Ardea ibis	Cattle Egret	Not Listed	Not Sensitive	Not Listed	CAMBA; JAMBA
Animalia	Aves	Artamus cyanopterus	Dusky Woodswallow	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Botaurus poiciloptilus	Australasian Bittern	Endangered	Not Sensitive	Endangered	
Animalia	Aves	Burhinus grallarius	Bush Stone-curlew	Endangered	Not Sensitive	Not Listed	
Animalia	Aves	Calidris acuminata	Sharp-tailed Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA; CAMBA; JAMBA
Animalia	Aves	Calidris canutus	Red Knot	Not Listed	Not Sensitive	Endangered	ROKAMBA; CAMBA; JAMBA
Animalia	Aves	Callocephalon fimbriatum	Gang-gang Cockatoo	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Calyptrorhynchus lathamii	Glossy Black-Cockatoo	Vulnerable	Category 2	Not Listed	
Animalia	Aves	Circus assimilis	Spotted Harrier	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Climacteris picumnus victoriae	Brown Treecreeper (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Cyanoramphus novaezelandiae subflavescens	Red-crowned Parakeet (Lord Howe Is. subsp.)	Presumed Extinct	Not Sensitive	Extinct	
Animalia	Aves	Daphoenositta chrysoptera	Varied Sittella	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Dasyornis brachypterus	Eastern Bristlebird	Endangered	Category 2	Endangered	
Animalia	Aves	Ephippiorhynchus asiaticus	Black-necked Stork	Endangered	Not Sensitive	Not Listed	
Animalia	Aves	Gallinago hardwickii	Latham's Snipe	Not Listed	Not Sensitive	Not Listed	ROKAMBA; CAMBA; JAMBA
Animalia	Aves	Glossopsitta pusilla	Little Lorikeet	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	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 Needle-tail	Not Listed	Not Sensitive	Not Listed	ROKAMBA; CAMBA; JAMBA
Animalia	Aves	Hirundo rustica	Barn Swallow	Not Listed	Not Sensitive	Not Listed	ROKAMBA; CAMBA; JAMBA

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	Lathamus discolor	Swift Parrot	Endangered	Category 3	Critically Endangered	
Animalia	Aves	Lophoictinia isura	Square-tailed Kite	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Melithreptus gularis gularis	Black-chinned Honeyeater (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Merops ornatus	Rainbow Bee-eater	Not Listed	Not Sensitive	Not Listed	JAMBA
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	Petroica boodang	Scarlet Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Stagonopleura guttata	Diamond Firetail	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Stictonetta naevosa	Freckled Duck	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Tyto novaehollandiae	Masked Owl	Vulnerable	Category 3	Not Listed	
Animalia	Gastropoda	Meridolum corneovirens	Cumberland Plain Land Snail	Endangered	Not Sensitive	Not Listed	
Animalia	Mammalia	Cercartetus nanus	Eastern Pygmy-possum	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Chalinolobus dwyeri	Large-eared Pied Bat	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Dasyurus maculatus	Spotted-tailed Quoll	Vulnerable	Not Sensitive	Endangered	
Animalia	Mammalia	Falsistrellus tasmaniensis	Eastern False Pipistrelle	Vulnerable	Not Sensitive	Not Listed	
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	Petauroides volans	Greater Glider	Not Listed	Not Sensitive	Vulnerable	
Animalia	Mammalia	Petaurus australis	Yellow-bellied Glider	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Petaurus norfolcensis	Squirrel Glider	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Phascogale cinerea	Koala	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Pteropus poliocephalus	Grey-headed Flying-fox	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Saccolaimus flaviventris	Yellow-bellied Sheath-tail-bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Scoteanax rueppellii	Greater Broad-nosed Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Reptilia	Hoplocephalus bungaroides	Broad-headed Snake	Endangered	Category 2	Vulnerable	
Animalia	Reptilia	Varanus rosenbergi	Rosenberg's Goanna	Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Acacia bynoeana	Bynoe's Wattle	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Acacia pubescens	Downy Wattle	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Callistemon linearifolius	Netted Bottle Brush	Vulnerable	Category 3	Not Listed	
Plantae	Flora	Cynanchum elegans	White-flowered Wax Plant	Endangered	Not Sensitive	Endangered	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Plantae	Flora	Eucalyptus benthamii	Camden White Gum	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Eucalyptus nicholii	Narrow-leaved Black Peppermint	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Eucalyptus scoparia	Wallangarra White Gum	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Genoplesium baueri	Bauer's Midge Orchid	Endangered	Category 2	Endangered	
Plantae	Flora	Grevillea parviflora subsp. parviflora	Small-flower Grevillea	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Gyrostemon thesioides		Endangered	Category 3	Not Listed	
Plantae	Flora	Hibbertia puberula		Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Isotoma fluviatilis subsp. fluviatilis		Not Listed	Not Sensitive	Extinct	
Plantae	Flora	Lepidium hyssopifolium	Aromatic Peppergrass	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Leucopogon exolasius	Woronora Beard-heath	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Leucopogon fletcheri subsp. fletcheri		Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Marsdenia viridiflora subsp. viridiflora	Native Pear	Endangered Population	Not Sensitive	Not Listed	
Plantae	Flora	Melaleuca deanei	Deane's Paperbark	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Pericaria elatior	Tall Knotweed	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Persoonia hirsuta	Hairy Geebung	Endangered	Category 3	Endangered	
Plantae	Flora	Pimelea spicata	Spiked Rice-flower	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Pomaderris brunnea	Brown Pomaderris	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Pterostylis saxicola	Sydney Plains Greenhood	Endangered	Category 2	Endangered	
Plantae	Flora	Syzygium paniculatum	Magenta Lilly Pilly	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Thesium australe	Austral Toadflax	Vulnerable	Not Sensitive	Vulnerable	



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**Issue Date:** 25 September 2018  
**Application Number:** 201804189  
**Receipt Number:** 4142507

Lotsearch Pty Ltd  
Level 3  
68 Alfred St  
MILSONS POINT NSW 2061

Your Reference: LS004220\_AS

## **PLANNING CERTIFICATE UNDER SECTION 10.7 ENVIRONMENTAL PLANNING AND ASSESSMENT ACT 1979**

Section 10.7 Planning Certificate phone enquiries: (02) 4645 4560.

**Property Address:** 6A Watsford Road  
CAMPBELLTOWN NSW 2560

**Property Description:** Lot 113 DP 1183297

As at the date of issue, the following matters apply to the land subject of this certificate:

### **INFORMATION PROVIDED UNDER SECTION 10.7(2) OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT 1979 (the Act)**

#### **PART 1 – Names of relevant planning instruments and DCPs**

**Planning Instrument:** Campbelltown LEP 2015

**Effect:** B5 Business Development

- (1) The following environmental planning instruments apply to the carrying out of development on the land subject of this certificate:

#### **Local environmental plans (LEPs) and deemed environmental planning instruments**

Campbelltown LEP 2015

For further information about these local environmental plans and deemed environmental planning instruments, contact Council's Environmental Planning Section on (02) 4645 4601.

#### **State environmental planning policies (SEPPs)**

SEPP No.21 – Caravan Parks

SEPP No.30 – Intensive Agriculture

SEPP No.33 – Hazardous and Offensive Development

SEPP No.44 – Koala Habitat Protection

SEPP No.50 – Canal Estate Development  
SEPP No.55 – Remediation of Land  
SEPP No.64 – Advertising and Signage  
SEPP No.65 – Design Quality of Residential Apartment Development  
SEPP No.70 – Affordable Housing (Revised Schemes)  
SEPP No.19 - Bushland in Urban Areas  
SEPP (Vegetation in Non-Rural Areas) 2017  
SEPP (Building Sustainability Index: BASIX) 2004  
SEPP (State Significant Precincts) 2005  
SEPP (Mining, Petroleum Production and Extractive Industries) 2007  
SEPP (Miscellaneous Consent Provisions) 2007  
SEPP (Infrastructure) 2007  
SEPP (Exempt and Complying Development Codes) 2008  
SEPP (Affordable Rental Housing) 2009  
SEPP (State and Regional Development) 2011  
SEPP (Educational Establishments and Child Care Facilities) 2017  
Greater Metropolitan REP No.2 - Georges River Catchment

For further information about these State environmental planning policies, contact the Department of Planning and Environment ([www.planning.nsw.gov.au](http://www.planning.nsw.gov.au)).

- (2) The following proposed environmental planning instruments, which are or have been the subject of community consultation or on public exhibition under the Act (unless the Director-General has notified Council that the making of the proposed instrument has been deferred indefinitely or has not been approved), will apply to the carrying out of development on the land subject of this certificate:

**Draft local environmental plans (LEPs)**

None

For further information about these draft local environmental plans, contact Council's Environmental Planning Section on (02) 4645 4601.

**Draft State environmental planning policies (SEPPs)**

None

For further information about these draft State environmental planning policies, contact the Department of Planning and Environment ([www.planning.nsw.gov.au](http://www.planning.nsw.gov.au)).

- (3) The following development control plans (DCPs) apply to the carrying out of development on the land subject of this certificate:

Campbelltown (Sustainable City) DCP 2015



**PLANNING CERTIFICATE UNDER SECTION 10.7  
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For further information about these development control plans, contact Council's Environmental Planning Section on (02) 4645 4601. Please note that the names of any draft development control plans that apply to the land subject of this certificate, that have been placed on exhibiton by Council but have not yet come into effect, are provided as advice under section 10.7(5) of the Act.

**PART 2 – Zoning and land use under relevant LEPs**

- a) The following zone(s) apply to the land subject of this certificate:

B5 Business Development

- b) The purposes for which the plan or instrument provides that development may be carried out without the need for development consent are detailed in the land use table for each zone. Reference should be made to either Attachment 1 to this certificate or the appropriate section of the attached copy of the plan or instrument.

In addition, SEPP (Exempt and Complying Development Codes) 2008 and clause 3.1 of the Campbelltown LEP 2015 allow certain types of development to be carried out as exempt development within the Campbelltown City local government area.

- c) The purposes for which the plan or instrument provides that development may not be carried out except with development consent are detailed in the land use table for each zone. Reference should be made to either Attachment 1 to this certificate or the appropriate section of the attached copy of the plan or instrument.

In addition, SEPP (Exempt and Complying Development Codes) 2008 and clause 3.2 of the Campbelltown LEP 2015 allow certain types of development to be carried out as complying development within the Campbelltown City local government area after a complying development certificate has been obtained from Council or from an accredited certifier. Clause 2.5 of the Campbelltown LEP 2015 also allows for additional permitted uses with development consent on particular land.

- d) The purposes for which the plan or instrument provides that development is prohibited are detailed in the land use table for each zone. Reference should be made to either Attachment 1 to this certificate or the appropriate section of the attached copy of the plan or instrument.
- e) Any development standards applying to the land subject of this certificate that fix minimum land dimensions for the erection of a dwelling-house and, if so, the minimum land dimensions so fixed are detailed in the relevant section of the plan or instrument. Reference should be made to either Attachment 2 to this certificate or the appropriate section(s) of the attached copy of the plan or instrument. In addition, certain Council development control plans may impose minimum development standards for the creation of allotments and/or minimum site area and dimensions for the erection of a dwelling-house.

For further information about items a), b), c), d) and e) above, contact Council's Environmental Planning Section on (02) 4645 4601.

- f) The land subject of this certificate does not include or comprise critical habitat.
- g) The land subject of this certificate is not in a conservation area (however described).

**PLANNING CERTIFICATE UNDER SECTION 10.7  
ENVIRONMENTAL PLANNING AND ASSESSMENT ACT 1979**

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- h) No item of environmental heritage (however described) is situated on the land subject of this certificate.

**PART 2A – Zoning and land use under State Environmental Planning Policy (Sydney Region Growth Centres) 2006**

None

**PART 3 – Complying development**

- (1) Complying development may be carried out on the land subject of this certificate under each of the following codes for complying development, to the extent shown, 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:

Container Recycling Facilities Code – on all of the land

Housing Code – on all of the land

Housing Alterations Code – on all of the land

Commercial and Industrial Alterations Code – on all of the land

Subdivisions Code – on all of the land

Rural Housing Code – on all of the land

General Development Code – on all of the land

Demolition Code – on all of the land

Commercial and Industrial (New Buildings and Additions) Code – on all of the land

Fire Safety Code – on all of the land

Please note that reference should also be made to the relevant parts of this policy for the general requirements for complying development and to the relevant codes for complying development which may also include provisions relating to zoning, lot size etc.

- (2) Complying development may not be carried out on the land subject of this certificate under each of the following codes for complying development, to the extent shown and for the reason(s) stated, 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:

Low Rise Medium Density Housing Code – on any part of the land

(Note: implementation of the Low Rise Medium Density Housing Code within the Campbelltown Local Government Area has been deferred until 1 July 2019.)

Greenfield Housing Code – on any part of the land

(Note: the Greenfield Housing Code only applies within the Greenfield Housing Code Area)

**PLANNING CERTIFICATE UNDER SECTION 10.7  
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**PART 4 – Coastal protection**

The land subject of this certificate is not affected by the operation of section 38 or 39 of the Coastal Protection Act 1979, but only to the extent that Council has been notified by the Department of Finance, Services and Innovation.

Please note that Campbelltown City Council is not defined as a coastal council under the Coastal Protection Act 1979.

**PART 5 – Mine subsidence**

The land subject of this certificate is not within a proclaimed Mine Subsidence District within the meaning of section 15 of the Mine Subsidence Compensation Act 1961.

**PART 6 – Road widening and road realignment**

The land subject of this certificate is not affected by any road widening or road realignment under Division 2 of Part 3 of the Roads Act 1993, any environmental planning instrument or any resolution of Council.

**PART 7 – Council and other public authority policies on hazard risk restrictions**

- a) Council has adopted a policy with respect to all land within the Campbelltown City local government area with unusual site conditions. This policy restricts the development of land where extensive earthworks and/or filling has been carried out. Land, the development of which is restricted by this policy, has a restriction as to user placed on the title of the land stating the details of any restriction. Building lots can be affected by excessive land gradient, filling, reactive or dispersive soils, overland flow and/or mine subsidence. Buildings, structures or site works may require specific structural design to ensure proper building construction. Consequently, some applications may require the submission of structural design details and geotechnical reports. It is suggested that prior to lodging an application, enquiries be made to Council's Planning and Environment Division to ascertain any specific requirements.
- b) Council has adopted by resolution the certified Campbelltown LGA Bush Fire Prone Land Map. This map identifies bush fire prone land within the Campbelltown City local government area as defined in section 10.3 of the Act. Where the land subject of this certificate is identified as bush fire prone land, the document entitled "Planning for Bush Fire Protection" prepared by the NSW Rural Fire Service in co-operation with the Department of Planning and dated December 2006 should be consulted with regards to possible restrictions on the development of the land because of the likelihood of bushfire.
- c) The land subject of this certificate is not affected by a policy adopted by Council or adopted by any other public authority and notified to Council for reference in a planning certificate that restricts the development of the land because of the likelihood of tidal inundation.
- d) The land subject of this certificate is not affected by a policy adopted by Council or adopted by any other public authority and notified to Council for reference in a planning certificate that restricts the development of the land because of the likelihood of acid sulphate soils.
- e) Council has adopted by resolution a policy on contaminated land which may restrict the development of the land subject of this certificate. This policy is implemented when zoning or

land use changes are proposed on lands which have previously been used for certain purposes. Council records do not have sufficient information about previous use of this land to determine whether the land is contaminated. Consideration of Council's adopted policy and the application of provisions under relevant State legislation is warranted.

#### **PART 7A – Flood related development controls information**

- (1) Development on all or part of the land subject of this certificate for the purposes of dwelling houses, dual occupancies, multi dwelling housing or residential flat buildings (not including development for the purposes of group homes or seniors housing) is not subject to flood related controls.
- (2) Development on all or part of the land subject of this certificate for any other purpose is not subject to flood related development controls.
- (3) Words and expressions in this clause have the same meanings as in the instrument set out in the Schedule to the Standard Instrument (Local Environmental Plans) Order 2006.

Please note that some additional information regarding flooding and flood related development controls may be provided as advice under section 10.7(5) of the Act.

#### **PART 8 – Land reserved for acquisition**

No environmental planning instrument, deemed environmental planning instrument or draft environmental planning instrument applying to the land subject of this certificate provides for the acquisition of this land by a public authority, as referred to in section 3.15 of the Act.

#### **PART 9 – Contribution plans**

The following contribution plan(s) apply to the land subject of this certificate:

Campbelltown City Council Section 94A Development Contributions Plan

For further information about these contribution plans, contact Council's Environmental Planning Section on (02) 4645 4601.

#### **PART 9A – Biodiversity certified land**

The land subject of this certificate is not biodiversity certified land under Part 8 of the Biodiversity Conservation Act 2016.

Please note that biodiversity certified land includes land certified under Part 7AA of the Threatened Species Conservation Act 1995 that is taken to be certified under Part 8 of the Biodiversity Conservation Act 2016.

#### **PART 10 – Biobanking agreement**

The land subject of this certificate is not a biodiversity stewardship site under a biodiversity stewardship agreement under Part 5 of the Biodiversity Conservation Act 2016 (but only in



**PLANNING CERTIFICATE UNDER SECTION 10.7  
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so far as Council has been notified of the existence of such an agreement by the Chief Executive of the Office of Environment and Heritage).

Please note that biodiversity stewardship agreements include biobanking agreements under Part 7A of the Threatened Species Conservation Act 1995 that are taken to be biodiversity stewardship agreements under Part 5 of the Biodiversity Conservation Act 2016.

**PART 10A – Native vegetation clearing set asides**

The land subject of this certificate does not contain a set aside under section 60ZC of the Local Land Services Act 2013 (but only in so far as Council has been notified of the existence of such a set aside area by Local Land Services or it is registered in the public register under that section).

**PART 11 – Bush fire prone land**

None of the land subject of this certificate has been identified as bush fire prone land on the Campbelltown City Council - Bush Fire Prone Land Map that has been certified for the purposes of section 10.3(2) of the Act.

**PART 12 – Property vegetation plans**

No property vegetation plan applies to the land subject of this certificate.

Please note that the whole of the Campbelltown City local government area is excluded from the operation of the Native Vegetation Act 2003.

**PART 13 – Orders under Trees (Disputes Between Neighbours) Act 2006**

No order has been made under the Trees (Disputes Between Neighbours) Act 2006 to carry out work in relation to a tree on the land subject of this certificate (but only to the extent that Council has been notified of any such orders).

**PART 14 – Directions under Part 3A**

No direction, in force under section 75P(2)(c1) of the Act, that a provision of an environmental planning instrument prohibiting or restricting the carrying out of a project or a stage of a project on the land subject of this certificate under Part 4 of the Act does not have effect, has been issued by the Minister.

**PART 15 – Site compatibility certificates and conditions for seniors housing**

- a) No current site compatibility certificate (seniors housing), of which Council is aware, exists in respect of proposed development on the land subject of this certificate.
- b) No conditions of consent to a development application, granted after 11 October 2007, of the kind referred to in clause 18(2) of State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004 have been imposed in respect of proposed development on the land subject of this certificate.

**PART 16 – Site compatibility certificates for infrastructure**

No valid site compatibility certificate (infrastructure), of which Council is aware, exists in respect of proposed development on the land subject of this certificate.

**PART 17 – Site compatibility certificates and conditions for affordable rental housing**

- (1) No current site compatibility certificate (affordable rental housing), of which Council is aware, exists in respect of proposed development on the land subject of this certificate.
- (2) No conditions of consent to a development application of the kind referred to in clause 17(1) or 37(1) of State Environmental Planning Policy (Affordable Rental Housing) 2009 have been imposed in respect of proposed development on the land subject of this certificate.

**PART 18 – Paper subdivision information**

- (1) No adopted development plan or development plan that is proposed to be subject to a consent ballot apply to the land subject of this certificate.
- (2) No subdivision order applies to the land subject of this certificate.

**PART 19 – Site verification certificates**

No current site verification certificate issued under Division 3 of Part 4AA of State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007 (of which Council is aware) applies to the land subject of this certificate.

**PART 20 – Loose-fill asbestos insulation**

No residential dwelling erected on the land subject of this certificate has been identified in the Loose-Fill Asbestos Insulation Register as containing loose-fill asbestos ceiling insulation.

For more information contact NSW Fair Trading ([www.fairtrading.nsw.gov.au](http://www.fairtrading.nsw.gov.au))

**PART 21 – Affected building notices and building product rectification orders**

- (1) No affected building notice of which Council is aware is in force in respect of the land subject of this certificate.
- (2)
  - (a) No building product rectification order of which Council is aware and that has not been fully complied with is in force in respect of the land subject of this certificate.
  - (b) No notice of intention to make a building product rectification order of which Council is aware and that is outstanding has been given in respect of the land subject of this certificate.
- (3) In this clause: affected building notice has the same meaning as in Part 4 of the Building Products (Safety) Act 2017 and building product rectification order has the same meaning as in the Building Products (Safety) Act 2017.

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**Matters prescribed by section 59(2) of the Contaminated Land Management Act 1997**

- (a) The land subject of this certificate is not significantly contaminated land within the meaning of the Contaminated Land Management Act 1997.
- (b) The land subject of this certificate is not subject to a management order within the meaning of the Contaminated Land Management Act 1997.
- (c) The land subject of this certificate is not the subject of an approved voluntary management proposal within the meaning of the Contaminated Land Management Act 1997.
- (d) The land subject of this certificate is not subject to an ongoing maintenance order within the meaning of the Contaminated Land Management Act 1997.
- (e) The land subject of this certificate is not the subject of a site audit statement within the meaning of the Contaminated Land Management Act 1997 provided to Council.

**INFORMATION PROVIDED UNDER SECTION 10.7(5) OF THE ENVIRONMENTAL  
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All properties within the Campbelltown City local government area may be affected by flooding caused by overland flow or local topography. Applicants will need to make their own assessment of the risk associated with these matters. For more information, please complete a Stormwater Advice Request Form that is available on Council's website or by contacting Council on 4645 4000.

Council has completed a flood study of the Bow Bowling / Bunbury Curran Creek Catchment, of which this property is a part. The results of this study have improved Council's understanding of flood behaviour in the catchment. The next stage is preparation of a Floodplain Risk Management Study and Plan which are anticipated to be finalised by the end of 2018.

Council has received a copy of the map "Salinity Potential in Western Sydney - 2002" from the Department of Infrastructure, Planning and Natural Resources (DIPNR). This map classifies the land within the Campbelltown City local government area as having either known salinity, high salinity potential, moderate salinity potential or low salinity potential. Salinity issues may be of relevance to any development of the land subject of this certificate. For further information, contact the Department of Infrastructure, Planning and Natural Resources ([www.dipnr.nsw.gov.au](http://www.dipnr.nsw.gov.au)).

It should be noted that the Commonwealth Department of Infrastructure and Regional Development has released a document titled "Preliminary Flight Paths" purporting to provide preliminary information on jet aircraft flight paths and flight zones for each of the design options for the Second Sydney Airport Proposals. Some of the flight paths and flight zones shown in this document may, if implemented, impact upon the environment in the vicinity of the land subject of this certificate. Further enquiries in respect of this document should be directed initially to the Commonwealth Department of Infrastructure and Regional Development.

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The land subject of this certificate does not have a boundary to a controlled access road.

The following draft development control plans (DCPs), that have been placed on exhibition by Council but which have not yet come into effect, apply to the land subject of this certificate:

None

For further information about these draft development control plans, contact Council's Environmental Planning Section on (02) 4645 4601.



Jim Baldwin, per  
**Director City Development**



## **Attachment 1**

### **Campbelltown Local Environmental Plan 2015**

#### **Zone B5 Business Development**

##### **1 Objectives of zone**

- To enable a mix of business and warehouse uses, and bulky goods premises that require a large floor area, in locations that are close to, and that support the viability of, centres.
- To build and maintain the economic strength of existing centres by limiting retailing activity and discouraging office development.
- To encourage the development and continuation of light industries and to enable their successful integration and coexistence with other uses permissible in the zone.
- To provide for a range of facilities and services to meet the day-to-day needs of workers in the area.
- To facilitate diverse and sustainable means of access and movement.

##### **2 Permitted without consent**

Nil

##### **3 Permitted with consent**

Amusement centres; Backpackers' accommodation; Bulky goods premises; Car parks; Child care centres; Community facilities; Depots; Environmental protection works; Flood mitigation works; Funeral homes; Garden centres; Hardware and building supplies; Highway service centres; Hotel or motel accommodation; Industrial retail outlets; Industrial training facilities; Landscaping material supplies; Light industries; Mortuaries; Passenger transport facilities; Places of public worship; Plant nurseries; Recreation facilities (indoor); Registered clubs; Respite day care centres; Restaurants or cafes; Restricted premises; Roads; Rural supplies; Self-storage units; Service stations; Serviced apartments; Sex services premises; Signage; Small bars; Take away food and drink premises; Vehicle sales or hire premises; Veterinary hospitals; Warehouse or distribution centres; Wholesale supplies

##### **4 Prohibited**

Any development not specified in item 2 or 3

*NOTE: A copy of the complete written instrument for the Campbelltown Local Environmental Plan 2015 is available on the NSW Legislation website at: <http://www.legislation.nsw.gov.au>*

## Attachment 2

### Campbelltown Local Environmental Plan 2015

#### 4.1 Minimum subdivision lot size

- (1) The objectives of this clause are as follows:
  - (a) to ensure that the density of development is compatible with the capacity of existing and proposed infrastructure,
  - (b) to ensure that the density of settlement will be compatible with the objectives of the zone,
  - (c) to limit the density of settlement in environmentally, scenically or historically sensitive areas,
  - (d) to ensure lot sizes are compatible with the conservation of natural systems, including waterways, riparian land and groundwater dependent ecosystems,
  - (e) to facilitate viable agricultural undertakings,
  - (f) to protect the curtilage of heritage items and heritage conservation areas,
  - (g) to facilitate a diversity of housing forms.
- (2) This clause applies to a subdivision of any land shown on the Lot Size Map that requires development consent and that is carried out after the commencement of this Plan.
- (3) The size of any lot resulting from a subdivision of land to which this clause applies is not to be less than the minimum size shown on the Lot Size Map in relation to that land.
- (4) This clause does not apply in relation to the subdivision of individual lots in a strata plan or community title scheme.
- (4A) If a lot is a battle-axe lot or other lot with an access handle, the area of the access handle is not to be included in calculating the lot size.
- (4B) Despite subclause (3), development consent may be granted for the subdivision of land into lots that do not meet the minimum size shown on the Lot Size Map if the lots are residue lots resulting

#### 4.1AA Minimum subdivision lot size for community title schemes

- (1) The objectives of this clause are as follows:
  - (a) to provide for the proper and orderly development of land,
  - (b) to ensure that land developed under the *Community Land Development Act 1989* will achieve densities consistent with the objectives of the zone,
  - (c) to protect the curtilage of heritage items and heritage conservation areas.

- (2) This clause applies to a subdivision (being a subdivision that requires development consent) under the *Community Land Development Act 1989* of land in any of the following zones:
  - (a) Zone RU2 Rural Landscape,
  - (b) Zone R2 Low Density Residential,
  - (c) Zone R3 Medium Density Residential,
  - (d) Zone R5 Large Lot Residential,
  - (e) Zone E3 Environmental Management,
  - (f) Zone E4 Environmental Living.
- (3) The size of any lot resulting from a subdivision of land to which this clause applies (other than any lot comprising association property within the meaning of the *Community Land Development Act 1989*) is not to be less than the minimum size shown on the Lot Size Map in relation to that land.

#### **4.1A Maximum dwelling density in certain residential areas**

- (1) The objectives of this clause are as follows:
  - (a) to restrict the dwelling yield on certain land,
  - (b) to ensure that infrastructure is not overburdened,
  - (c) to provide for a diversity of dwelling types.
- (2) This clause applies to land identified as “Restricted dwelling yield” on the Restricted Dwelling Yield Map.
- (3) Despite clauses 4.1, 4.1AA, 4.1B and 4.1C, the total number of dwellings that may be created by the development of land specified in Column 1 of the table to this clause must not exceed the number specified in Column 2 of the table.

Column 1	Column 2
“Area 1” on the Restricted Dwelling Yield Map, being land at Airds-Bradbury	2104
“Area 2” on the Restricted Dwelling Yield Map, being land at Claymore	1490
“Area 3” on the Restricted Dwelling Yield Map, being land at the Western Sydney University	850

#### **4.1B Minimum subdivision lot sizes for dual occupancies in certain zones**

- (1) The objectives of this clause are as follows:
  - (a) to achieve planned residential density in certain zones,
  - (b) to ensure that lot sizes are consistent with the predominant subdivision pattern of the area and maintain a low density residential character in existing neighbourhoods,
  - (c) to facilitate development applications seeking concurrent approval for dual occupancy development and subdivision,

- (d) to prevent the fragmentation of land.
- (2) Despite clause 4.1, development consent may be granted to development for the purpose of a dual occupancy if the development will be on a lot that is at least the minimum size shown on the Lot Size for Dual Occupancy Development Map in relation to that land.
- (3) Despite clause 4.1 and subclause (2), development consent may be granted for the subdivision of land in Zone R2 Low Density Residential into lots that are less than the minimum lot size shown on the Lot Size Map in relation to that land if:
  - (a) there is an existing dual occupancy on the land that was lawfully erected under an environmental planning instrument or there is a development application for the concurrent approval of a dual occupancy and its subdivision into 2 lots, and
  - (b) the lot size of each resulting lot will be at least 300 square metres, and
  - (c) the subdivision will not result in more than one principal dwelling on each resulting lot.

#### **4.1C Minimum qualifying site area and lot size for certain residential and child care centre development in residential zones**

- (1) The objectives of this clause are as follows:
  - (a) to achieve planned residential densities in certain zones,
  - (b) to achieve satisfactory environmental and infrastructure outcomes,
  - (c) to minimise any adverse impact of development on residential amenity,
  - (d) to minimise land use conflicts.
- (2) Development consent may be granted to development for a purpose specified in the table to this clause on land in a zone listed beside the purpose, if the area of the lot is equal to or greater than the area specified in Column 3 of the table.
- (3) Development consent may be granted to the subdivision of land in a zone that is specified in the table to this clause for a purpose listed beside the zone, if the area of the lot to be created is equal to or greater than the area specified in Column 4 of the table.

Column 1	Column 2	Column 3	Column 4
Dwelling house	Zone R2 Low Density Residential	500 square metres	500 square metres
Dual occupancy	Zone R2 Low Density Residential	700 square metres	300 square metres
Semi-detached dwelling	Zone R2 Low Density Residential	700 square metres	300 square metres
Attached dwelling	Zone R2 Low	1,000 square metres	300 square metres



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	Density Residential		
Multi dwelling housing	Zone R2 Low Density Residential	1,000 square metres	300 square metres
Child care centres	Zone R2 Low Density Residential or Zone R3 Medium Density Residential	800 square metres	N/A
Residential flat buildings	Zone R4 High Density Residential	1,200 square metres	1,200 square metres

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#### **4.1D Minimum lot sizes for certain land uses in certain environment protection zones**

- (1) The objectives of this clause are as follows:
  - (a) to allow for certain non-residential land uses,
  - (b) to minimise any adverse impact on local amenity and the natural environment,
  - (c) to achieve satisfactory environmental and infrastructure outcomes,
  - (d) to minimise land use conflicts.
- (2) This clause applies to land in the following zones:
  - (a) Zone E3 Environmental Management,
  - (b) Zone E4 Environmental Living.
- (3) Development consent may be granted to development for a purpose specified in the table to this clause on land in a zone listed beside the purpose, if the area of the lot is equal to or greater than the area specified in the table.

<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>
Animal boarding or training establishments	Zone E3 Environmental Management	5 hectares
Educational establishments	Zone E3 Environmental Management or Zone E4 Environmental Living	10 hectares
Places of public worship	Zone E3 Environmental Management	10 hectares

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#### **4.2 Rural subdivision**

- (1) The objective of this clause is to provide flexibility in the application of standards for subdivision in rural zones to allow land owners a greater chance to achieve the objectives for development in the relevant zone.
- (2) This clause applies to the following rural zones:
  - (a) Zone RU1 Primary Production,
  - (b) Zone RU2 Rural Landscape,

- (c) Zone RU4 Primary Production Small Lots,
- (d) Zone RU6 Transition.

**Note.** When this Plan was made it did not include all of these zones.

- (3) Land in a zone to which this clause applies may, with development consent, be subdivided for the purpose of primary production to create a lot of a size that is less than the minimum size shown on the Lot Size Map in relation to that land.
- (4) However, such a lot cannot be created if an existing dwelling would, as the result of the subdivision, be situated on the lot.
- (5) A dwelling cannot be erected on such a lot.

**Note.** A dwelling includes a rural worker's dwelling (see definition of that term in the Dictionary).

#### **4.2A Erection of dwelling houses or dual occupancies (attached) on land in certain rural and environment protection zones**

- (1) The objectives of this clause are as follows:
  - (a) to enable the replacement of lawfully erected dwelling houses and dual occupancies (attached), and the realisation of dwelling entitlements in rural and environment protection zones,
  - (b) to restrict the extent of residential development in rural and environment protection zones to maintain the existing character,
  - (c) to recognise the contribution that development density in these zones makes to the landscape and environmental character of those places.
- (2) This clause applies to land in the following zones:
  - (a) Zone RU2 Rural Landscape,
  - (b) Zone E3 Environmental Management,
  - (c) Zone E4 Environmental Living.
- (3) Development consent must not be granted for the erection of a dwelling house or a dual occupancy (attached) on land to which this clause applies unless the land:
  - (a) is a lot that has at least the minimum lot size shown on the Lot Size Map in relation to that land, or
  - (b) is a lot created under this Plan (other than clause 4.2 (3)), or
  - (c) is a lot created under an environmental planning instrument before this Plan commenced and on which the erection of a dwelling house or a dual occupancy (attached) was permissible immediately before that commencement, or
  - (d) is a lot resulting from a subdivision for which development consent (or its equivalent) was granted before this Plan commenced and on which the erection of a dwelling house or a dual occupancy (attached) would have been permissible if the

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plan of subdivision had been registered before that commencement, or

- (e) is an existing holding, or
- (f) would have been a lot or holding referred to in paragraph (a), (b), (c), (d) or (e) had it not been affected by:
  - (i) a minor realignment of its boundaries that did not create an additional lot, or
  - (ii) a subdivision creating or widening a public road or public reserve or for another public purpose, or
  - (iii) a consolidation with an adjoining public road or public reserve or for another public purpose.

**Note.** A dwelling cannot be erected on a lot created under clause 9 of *State Environmental Planning Policy (Rural Lands) 2008* or clause 4.2.

- (4) Development consent must not be granted under subclause (3) unless:
  - (a) no dwelling house or dual occupancy (attached) has been erected on the land, and
  - (b) if a development application has been made for development for the purposes of a dwelling house or dual occupancy (attached) on the land—the application has been refused or it was withdrawn before it was determined, and
  - (c) if development consent has been granted in relation to such an application—the consent has been surrendered or it has lapsed.
- (5) Development consent may be granted for the erection of a dwelling house or a dual occupancy (attached) on land to which this clause applies if there is a lawfully erected dwelling house or dual occupancy (attached) on the land and the dwelling house or dual occupancy (attached) proposed to be erected is intended only to replace the existing dwelling house or dual occupancy (attached).
- (6) Development consent may be granted to convert a dwelling house into, or to replace a dwelling house with, a dual occupancy (attached) on land to which this clause applies if no dual occupancy (attached) exists on the land and the dual occupancy (attached) is designed and will be constructed to have the appearance of a single dwelling.
- (7) In this clause:
  - existing holding** means land that:
    - (a) was a holding on the relevant date, and
    - (b) is a holding at the time the application for development consent referred to in subclause (3) is lodged,

whether or not there has been a change in the ownership of the holding since the relevant date, and includes any other land adjoining that land acquired by the owner since the relevant date.

**holding** means all adjoining land, even if separated by a road or railway, held by the same person or persons.

**relevant date** means:

- (a) in the case of land to which *Campbelltown (Urban Area) Local Environmental Plan 2002* applied immediately before the commencement of this Plan:
  - (i) for land identified as “25 February 1977” on the Former LEP and IDO Boundaries Map—25 February 1977, or
  - (ii) for land identified as “15 July 1977” on the Former LEP and IDO Boundaries Map—15 July 1977, or
  - (iii) for land identified as “3 November 1978” on the Former LEP and IDO Boundaries Map—3 November 1978, or
- (b) in the case of land to which *Campbelltown Local Environmental Plan—District 8 (Central Hills Lands)* applied immediately before the commencement of this Plan—20 September 1974, or
- (c) in the case of land to which *Campbelltown Local Environmental Plan No 1* applied immediately before the commencement of this Plan—26 June 1981, or
- (d) in the case of land to which *Interim Development Order No 13—City of Campbelltown* applied immediately before the commencement of this Plan—20 September 1974, or
- (e) in the case of land to which *Interim Development Order No 15—City of Campbelltown* applied immediately before the commencement of this Plan—27 September 1974, or
- (f) in the case of land to which *Interim Development Order No 28—City of Campbelltown* applied immediately before the commencement of this Plan—3 November 1978.

**Note.** The owner in whose ownership all the land is at the time the application is lodged need not be the same person as the owner in whose ownership all the land was on the stated date.

#### **4.2B Erection of rural workers’ dwellings on land in Zones RU2 and E3**

- (1) The objectives of this clause are as follows:
  - (a) to facilitate, on the same land, the provision of adequate accommodation for employees involved in existing agricultural activities, including agricultural produce industries,
  - (b) to maintain the non-urban landscape and development characters of certain rural and environment protection zones.
- (2) This clause applies to land in the following zones:
  - (a) Zone RU2 Rural Landscape,
  - (b) Zone E3 Environmental Management.
- (3) Development consent must not be granted for the erection of a rural worker’s dwelling on land to which this clause applies unless the consent authority is satisfied that:
  - (a) the development will be on the same lot as an existing lawfully erected dwelling house or dual occupancy (attached), and



- (b) the development will not impair the use of the land for agricultural activities, including agricultural produce industries, and
- (c) the agricultural activity or agricultural produce industry has an economic capacity to support the ongoing employment of rural workers, and
- (d) the development is necessary considering the nature of the existing or proposed agricultural activity or agricultural produce industry occurring on the land or as a result of the remote or isolated location of the land, and
- (e) there will be not more than one rural worker's dwelling on the lot, and
- (f) the development will be a single storey building with a maximum floor area of 120 square metres or not more than 20% of the floor area of any existing dwelling house on that land, whichever is greater.

#### **4.2C Exceptions to minimum subdivision lot sizes for certain land in Zones RU2 and E3**

- (1) The objective of this clause is to allow the owners of certain land to which the following environmental planning instruments applied to excise a home-site area from an existing lot (or existing holding) by the means of a subdivision:
  - (a) *Campbelltown Local Environmental Plan No 1*,
  - (b) *Interim Development Order No 15—City of Campbelltown*.
- (2) Subclause (3) applies to each lot to which *Campbelltown Local Environmental Plan No 1* applied immediately before its repeal that:
  - (a) was in existence on 26 June 1981, and
  - (b) is in Zone E3 Environmental Management, and
  - (c) has an area of at least 10 hectares.
- (3) Development consent must not be granted to the subdivision of the land to which this subclause applies unless the proposed subdivision will result in the creation of only 2 lots, each of which must have an area of at least 2 hectares.
- (4) Subclause (5) applies to each lot to which *Interim Development Order No 15—City of Campbelltown* applied immediately before its repeal that:
  - (a) was in existence on 18 July 1973, and
  - (b) is in Zone RU2 Rural Landscape.
- (5) Development consent must not be granted to the subdivision of the land to which this subclause applies unless the smallest lot to be created has an area of at least 2 hectares and is required for the erection of a dwelling house for occupation by:
  - (a) the person who owned the land on 18 July 1973, or
  - (b) a relative of that owner, or

- (c) a person employed or engaged by that owner in the use of land of the owner adjoining or adjacent to that lot for the purpose of agriculture.
- (6) The total number of lots that may be created by the subdivision of land to which subclause (5) applies, whether by one or more subdivisions, must not exceed:
  - (a) if the land to be subdivided had an area of less than 10 hectares—nil, or
  - (b) if the land to be subdivided had an area of at least 10 hectares but less than 40 hectares—1, or
  - (c) if the land to be subdivided had an area of at least 40 hectares but less than 80 hectares—2, or
  - (d) if the land to be subdivided had an area of at least 80 hectares—3.

#### **4.2D Exceptions to minimum subdivision lot sizes for certain land in Zone E4**

- (1) The objective of this clause is to permit the subdivision of certain land in the East Edge Scenic Protection Lands Area to create lots of a size that are less than the minimum lot size shown on the Lot Size Map in relation to that land.
- (2) This clause applies to land identified as “1 ha” on the Lot Averaging Map.
- (3) Despite clause 4.1, development consent may be granted to the subdivision of land to which this clause applies if the subdivision will not create a number of lots that is more than the number resulting from multiplying the total area of the land being subdivided by the maximum density control number specified on the Lot Averaging Map in relation to that land.
- (4) Development consent must not be granted under this clause unless the consent authority is satisfied that:
  - (a) the pattern of lots created by the subdivision, the provision of access and services and the location of any future buildings on the land will not have a significant detrimental impact on native vegetation, and
  - (b) each lot to be created by the subdivision contains a suitable land area for:
    - (i) a dwelling house, and
    - (ii) an appropriate asset protection zone relating to bush fire hazard, and
    - (iii) if reticulated sewerage is not available to the lot—on-site sewage treatment, management and disposal, and
    - (iv) other services related to the use of the land for residential occupation, and
  - (c) if reticulated sewerage is not available to the lot—a geotechnical assessment demonstrates to the consent

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authority's satisfaction that the lot can suitably accommodate the on-site treatment, management and disposal of effluent, and

- (d) adequate arrangements are in place for the provision of infrastructure to service the needs of development in the locality.

*NOTE: A copy of the complete written instrument for the Campbelltown Local Environmental Plan 2015 is available on the NSW Legislation website at: <http://www.legislation.nsw.gov.au>*

## **Appendix B**



# **ADVANCE LEGAL SEARCHERS PTY LTD**

(ACN 147 943 842)

ABN 82 147 943 842

18/36 Osborne Road,  
Manly NSW 2095

Telephone: +612 9977 6713

Mobile: 0412 169 809

Email: [search@alsearchers.com.au](mailto:search@alsearchers.com.au)

24<sup>th</sup> August, 2018

**LOTSEARCH PTY LTD**

**Level 3, 68 Alfred Street,**

**MILSONS POINT, NSW 2061**

**Attention: Howard Waldron,**

**RE:**

**6A Watsford Road,**

**Campbelltown**

**Reference: LS004058**

## **Current Search**

Folio Identifier 113/1183297 (title attached)

DP 1183297 (plan attached)

Dated 24<sup>th</sup> August 2018

Registered Proprietor:

**WIN CORPORATION PTY LIMITED**

**Title Tree**  
**Lot 113 DP 1183297**

Folio Identifier 113/1183297

Folio Identifier 14/1130933

Folio Identifier 2/1064393

Folio Identifier 18/801717

Folio Identifier 12/787701

Folio Identifier 1/234086

Certificate of Title Volume 10903 Folio 128

**(a)**

**(b)**

CTVol 9390 Folio 75

CTVol 9390 Folio 76

Certificate of Title Volume 1991 Folio 213

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Subject land within **Part Portion 133 Parish St. Peter**  
Granted to John Warby dated 20<sup>th</sup> June 1816

\*\*\*\*

## Summary of Proprietor(s) Lot 113 DP 1183297

Year	Proprietor(s)
	<b>(Lot 113 DP 1183297)</b>
2014 – todate	Win Corporation Pty Limited
	<b>(Lot 14 DP 1130933)</b>
2009 – 2014	Win Corporation Pty Limited
	<b>(Lot 2 DP 1064393)</b>
2004 – 2009	Win Corporation Pty Limited
	<b>(Lot 18 DP 801717)</b>
2000 – 2004	Win Corporation Pty Limited
1992 – 2000	Campbelltown City Church Inc
1990 – 1992	Wylkoft Pty Limited
	<b>(Lot 12 DP 787701)</b>
1989 – 1990	Wylkoft Pty Limited
1989 – 1989	Dairy Farmers Co-operative Limited
	<b>(Lot 1 DP 234086)</b>
1988 – 1989	Dairy Farmers Co-operative Limited
	<b>(Lot 1 DP 234086 – CTVol 10903 Fol 128)</b>
1968 – 1988	Dairy Farmers Co-operative Limited

See Notes (a) & (b)

### Note (a)

	<b>(Lot 42 DP 32311 – CTVol 9390 Fol 75)</b>
1965 – 1968	Dairy Farmers Co-operative Limited
1963 – 1965	Parramatta Hardware Store (Campbelltown) Pty Limited
1963 – 1963	The Council of the Municipality of Campbelltown <i>(vide Resumption)</i>
	<b>(Part Portion 133 Parish St Peter – Area 95 Acres 3 Roods 34 Perches – CTVol 1991 Fol 213)</b>
1960 – 1963	The Council of the Municipality of Campbelltown <i>(vide Resumption)</i>
1909 – 1960	Perpetual Trustee Company Limited

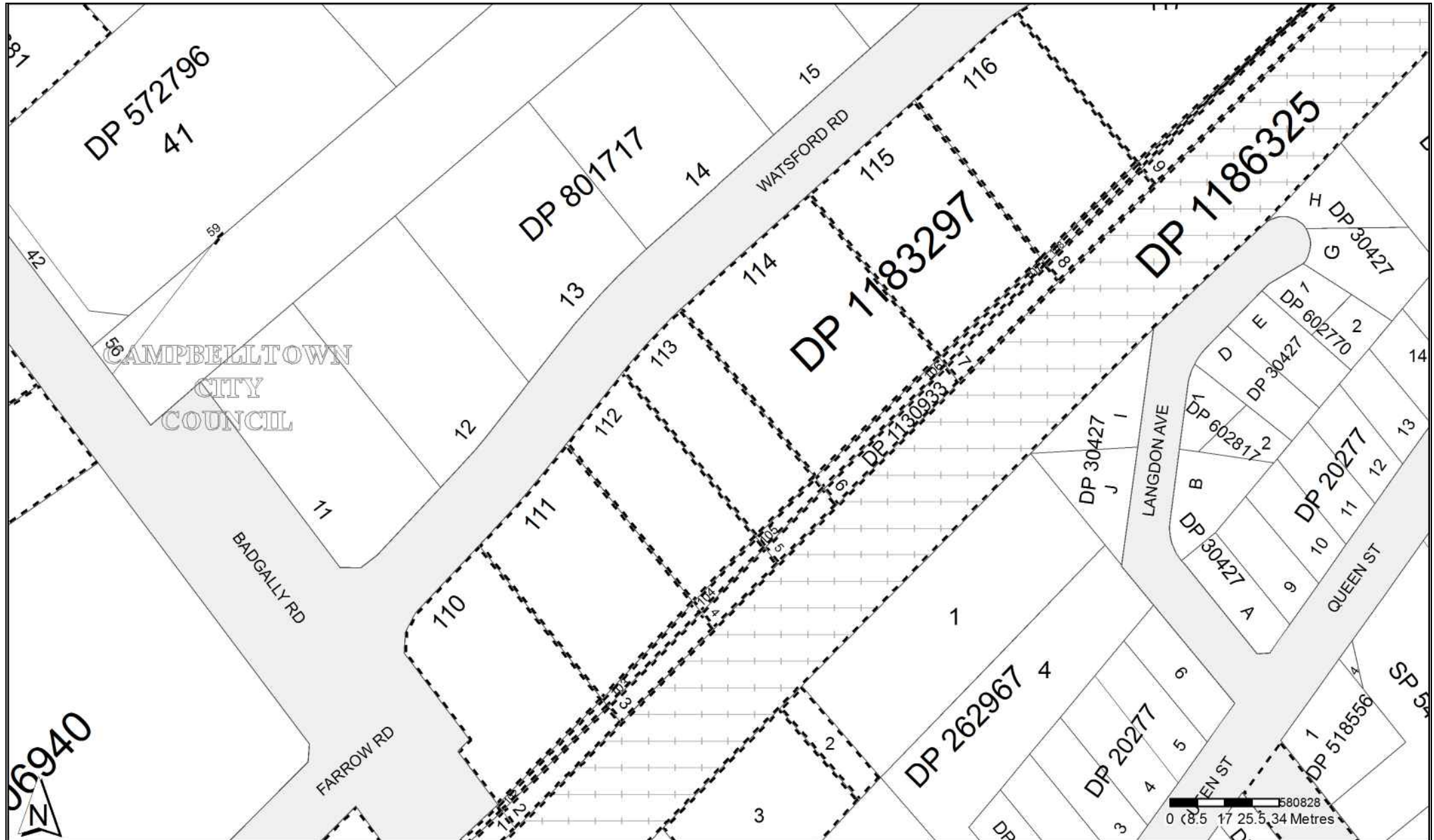
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**Note (b)**

	<b>(Lot 43 DP 32311 – CTVol 9390 Fol 76)</b>
1965 – 1968	Dairy Farmers Co-operative Limited
1963 – 1965	The Council of the Municipality of Campbelltown <i>(vide Resumption)</i>
	<b>(Part Portion 133 Parish St Peter – Area 95 Acres 3 Roods 34 Perches – CTVol 1991 Fol 213)</b>
1960 – 1963	The Council of the Municipality of Campbelltown <i>(vide Resumption)</i>
1909 – 1960	Perpetual Trustee Company Limited



















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	Status	Surv/Comp	Purpose
DP32311 Lot(s): 58			
 DP1222763	UNREGISTERED	SURVEY	SUBDIVISION
Lot(s): 59			
 CA173523 - LOT 59 DP32311			
DP262967 Lot(s): 2, 3			
 CA147936 - LOTS 2-3 DP262967			
DP599572 Lot(s): 22			
 DP1241743	PRE-ALLOCATED	UNAVAILABLE	CONSOLIDATION
DP1018681 Lot(s): 401			
 DP32311	HISTORICAL	SURVEY	UNRESEARCHED
DP1022940 Lot(s): 1			
 DP437138	HISTORICAL	SURVEY	UNRESEARCHED
 DP843239	HISTORICAL	SURVEY	SUBDIVISION
 DP873452	HISTORICAL	SURVEY	SUBDIVISION
 DP875829	HISTORICAL	SURVEY	SUBDIVISION
 DP1006377	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
DP1130933 Lot(s): 4, 5			
 DP1064393	HISTORICAL	SURVEY	SUBDIVISION
Lot(s): 8, 9			
 DP880897	HISTORICAL	SURVEY	SUBDIVISION
Lot(s): 2, 3, 4, 5, 6, 7			
 DP801717	HISTORICAL	SURVEY	SUBDIVISION
Lot(s): 1			
 DP787701	HISTORICAL	SURVEY	SUBDIVISION
 NSW GAZ. 05-12-2008 Folio : 11841 LOT 1 DP1130933 ACQUIRED FOR THE PURPOSES OF RAIL CORPORATION NEW SOUTH WALES  PA82702 - LOTS 4, 6, 8, 9, 12 AND 14 DP1129945, LOT 1 DP1130753, LOT 1 DP1131072, LOT 10 DP1131074 AND LOT 20 DP1132574			
Lot(s): 2			
 NSW GAZ. 20-03-2009 Folio : 1441 ACQUIRED FOR THE PURPOSES OF THE RAIL CORPORATION NEW SOUTH WALES LOT 2 DP1130933			
Lot(s): 3			
 NSW GAZ. 20-03-2009 Folio : 1441 ACQUIRED FOR THE PURPOSES OF THE RAIL CORPORATION NEW SOUTH WALES LOT 3 DP1130933			
Lot(s): 4			
 NSW GAZ. 20-03-2009 Folio : 1441 ACQUIRED FOR THE PURPOSES OF THE RAIL CORPORATION NEW SOUTH WALES LOT 4 DP1130933			
Lot(s): 5			
 NSW GAZ. 20-03-2009 Folio : 1441 ACQUIRED FOR THE PURPOSES OF THE RAIL CORPORATION NEW SOUTH WALES LOT 5 DP1130933			
Lot(s): 6			
 NSW GAZ. 20-03-2009 Folio : 1441 ACQUIRED FOR THE PURPOSES OF THE RAIL CORPORATION NEW SOUTH WALES LOT 6 DP1130933			
Lot(s): 7			
 NSW GAZ. 20-03-2009 Folio : 1441 ACQUIRED FOR THE PURPOSES OF THE RAIL CORPORATION NEW SOUTH WALES LOT 7 DP1130933			


**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.

	Status	Surv/Comp	Purpose
Lot(s): 8			
 NSW GAZ.	20-03-2009		Folio : 1441
ACQUIRED FOR THE PURPOSES OF THE RAIL CORPORATION NEW SOUTH WALES LOT 8 DP1130933			
Lot(s): 9			
 NSW GAZ.	20-03-2009		Folio : 1441
ACQUIRED FOR THE PURPOSES OF THE RAIL CORPORATION NEW SOUTH WALES LOT 9 DP1130933			
DP1183297			
Lot(s): 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117			
 DP1130933	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
Lot(s): 104, 105, 112, 113			
 DP1064393	HISTORICAL	SURVEY	SUBDIVISION
Lot(s): 108, 109, 116, 117			
 DP880897	HISTORICAL	SURVEY	SUBDIVISION
Lot(s): 102, 103, 104, 105, 106, 107, 110, 111, 112, 113, 114, 115			
 DP801717	HISTORICAL	SURVEY	SUBDIVISION
Lot(s): 101			
 DP787701	HISTORICAL	SURVEY	SUBDIVISION
 NSW GAZ.	06-06-2014		Folio : 2034
ACQUIRED FOR THE PURPOSES OF THE RAIL CORPORATION NEW SOUTH WALES - LOT 101 DP1183297			
PA83206 - LOT 101 DP1183297			
Lot(s): 102			
 NSW GAZ.	06-06-2014		Folio : 2034
ACQUIRED FOR THE PURPOSES OF THE RAIL CORPORATION NEW SOUTH WALES - LOT 102 DP1183297			
Lot(s): 103			
 NSW GAZ.	06-06-2014		Folio : 2034
ACQUIRED FOR THE PURPOSES OF THE RAIL CORPORATION NEW SOUTH WALES - LOT 103 DP1183297			
Lot(s): 104			
 NSW GAZ.	06-06-2014		Folio : 2034
ACQUIRED FOR THE PURPOSES OF THE RAIL CORPORATION NEW SOUTH WALES - - LOT 104 DP1183297			
Lot(s): 105			
 NSW GAZ.	06-06-2014		Folio : 2034
ACQUIRED FOR THE PURPOSES OF THE RAIL CORPORATION NEW SOUTH WALES - LOT 105 DP1183297			
Lot(s): 106			
 NSW GAZ.	06-06-2014		Folio : 2034
ACQUIRED FOR COUNCIL PURPOSES RAIL CORPORATION NEW SOUTH WALES - LOT 106 DP1183297			
Lot(s): 107			
 NSW GAZ.	06-06-2014		Folio : 2034
ACQUIRED FOR THE PURPOSES OF THE RAIL CORPORATION NEW SOUTH WALES - LOT 107 DP1183297			
Lot(s): 108			
 NSW GAZ.	06-06-2014		Folio : 2034
ACQUIRED FOR THE PURPOSES OF THE RAIL CORPORATION NEW SOUTH WALES - LOT 108 DP1183297			
Lot(s): 109			
 NSW GAZ.	06-06-2014		Folio : 2034
ACQUIRED FOR THE PURPOSES OF THE RAIL CORPORATION NEW SOUTH WALES - LOT 109 DP1183297			
DP1186325			
Lot(s): 602			
 CA167674 - LOT 602 DP1186325			
Road			
Polygon Id(s): 105048057			
 EX-SUR 38/45 DP983183			

**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.

**Status****Surv/Comp****Purpose**

Polygon Id(s): 105580828

 EX-SUR 62/21 DP980866

**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
DP18502	SURVEY	UNRESEARCHED
DP20277	SURVEY	UNRESEARCHED
DP30427	SURVEY	UNRESEARCHED
DP32311	SURVEY	UNRESEARCHED
DP262967	SURVEY	RESUMPTION OR ACQUISITION
DP355078	SURVEY	UNRESEARCHED
DP406940	SURVEY	UNRESEARCHED
DP506197	COMPILATION	SUBDIVISION
DP518556	SURVEY	SUBDIVISION
DP528880	SURVEY	OLD SYSTEM CONVERSION
DP572796	COMPILATION	SUBDIVISION
DP599572	COMPILATION	SUBDIVISION
DP602770	SURVEY	SUBDIVISION
DP602817	SURVEY	RESUMPTION OR ACQUISITION
DP713214	SURVEY	CONSOLIDATION
DP801717	SURVEY	SUBDIVISION
DP814640	SURVEY	CONSOLIDATION
DP880897	SURVEY	SUBDIVISION
DP978491	COMPILATION	UNRESEARCHED
DP1018681	SURVEY	SUBDIVISION
DP1022940	SURVEY	CONSOLIDATION
DP1130933	SURVEY	RESUMPTION OR ACQUISITION
DP1183297	SURVEY	RESUMPTION OR ACQUISITION
DP1186325	COMPILATION	LIMITED FOLIO CREATION
SP54366	COMPILATION	STRATA 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**

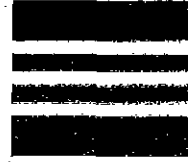
**ACTIVITY PRIOR TO SEPTEMBER 2002** you must refer to the RGs Charting and Reference Maps.



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

75 Fol. 0396 (Page 1) Vol.

M  
NEW SOUTH WALES  
(For Grant and title reference prior to first edition see Deposited Plan.)



CERTIFICATE OF TITLE  
PROPERTY ACT, 1900, as amended.



09390075



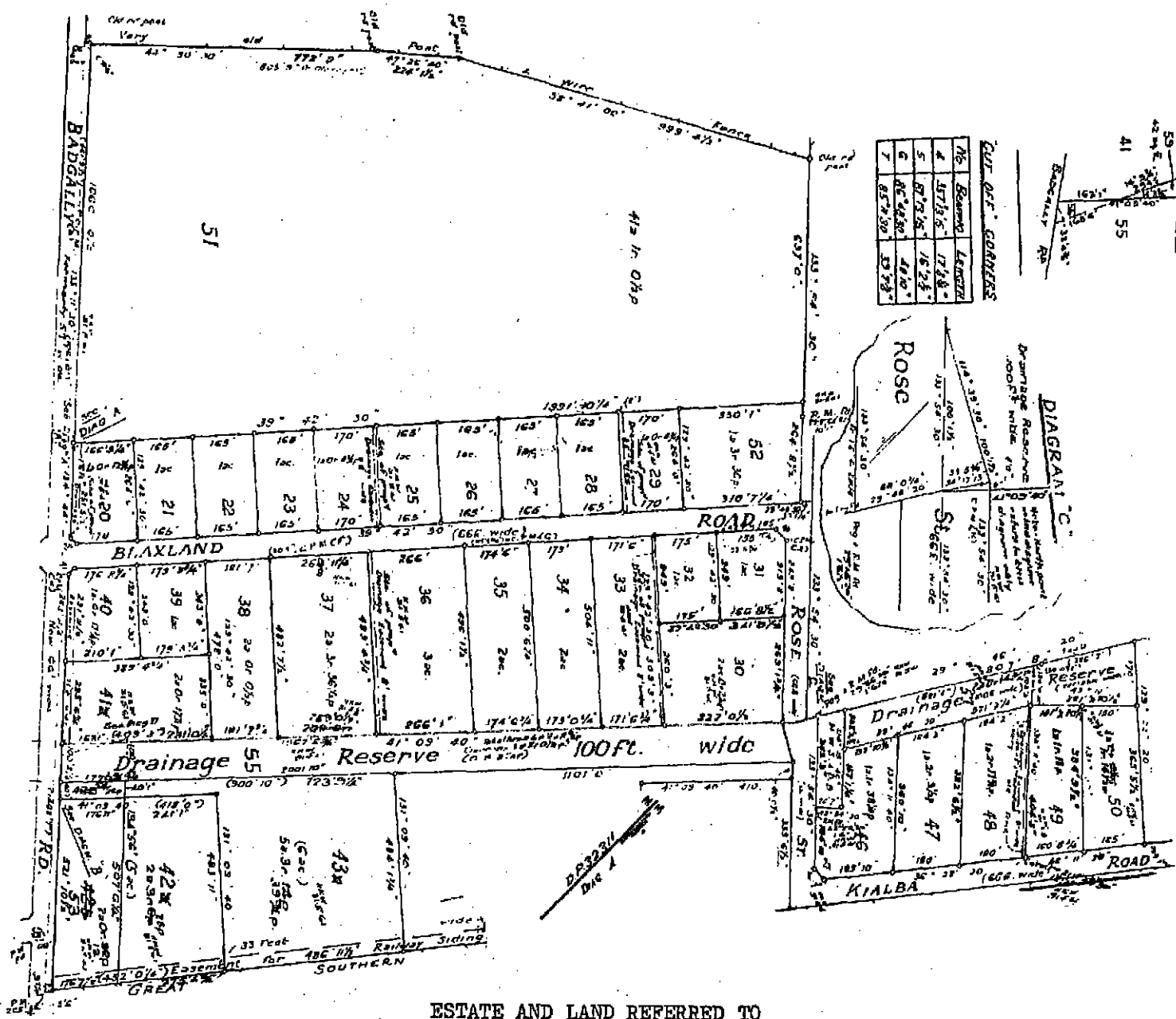
Vol. 9390 Fol. 75  
1st Edition issued 11-3-1963

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

Witness  
*B Bailey*

*Jawatson*  
Registrar-General.

PLAN SHOWING LOCATION OF LAND



ESTATE AND LAND REFERRED TO

Estate in Fee Simple in lot 42 in Deposited Plan 32311 in the Municipality of Campbelltown Parish of St. Peter and County of Cumberland excepting thereout the mines and deposits specified in Section 141 of the Public Works Act, 1912.

FIRST SCHEDULE (Continued overleaf)

THE COUNCIL OF THE MUNICIPALITY OF CAMPBELLTOWN.

*Jawatson*  
Registrar General

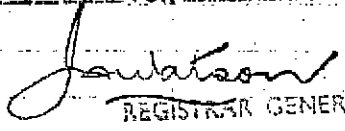

SECOND SCHEDULE (Continued overleaf)

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

*Jawatson*  
Registrar General

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

## FIRST SCHEDULE (continued)

REGISTERED PROPRIETOR	INSTRUMENT			ENTERED	Signature of Registrar-General
	NATURE	NUMBER	DATE		
Panamatta Hardware Store (Campbelltown) Pty. Limited.	Transfer	J 507700	13-6-1963	13-12-1963	Jackson
Mary James Cooperative Limited	Transfer	K 155814	14-10-1965	8-12-1965	Jackson
This deed is cancelled as to <u>whole</u>					
New Certificates of Title have issued on <u>10.10.68</u>					
for lots in <u>Deposited</u> Plan No. <u>234086</u> as follows:-					
Lots <u>1</u> Vol. <u>10903</u> Fol. <u>128</u> respectively.					
  REGISTRAR GENERAL					

## SECOND SCHEDULE (continued)

NATURE	INSTRUMENT		PARTICULARS	ENTERED	Signature of Registrar-General	CANCELLATION		
	NUMBER	DATE						
* mortgage	J 507701	6-6-1963	To the Council of the Municipality of Campbelltown	13-12-1963	Jackson	Discharged	K 155812	Jackson
* bondant	J 507700		created by transfer N° 5507100	13-12-1963	Jackson	Released	K 155813	Jackson

M

NEW SOUTH WALES

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

CERTIFICATE OF TITLE  
PROPERTY ACT, 1900, as amended.



Vol. 9390 Fol. 76

1st Edition issued 11-3-1963

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

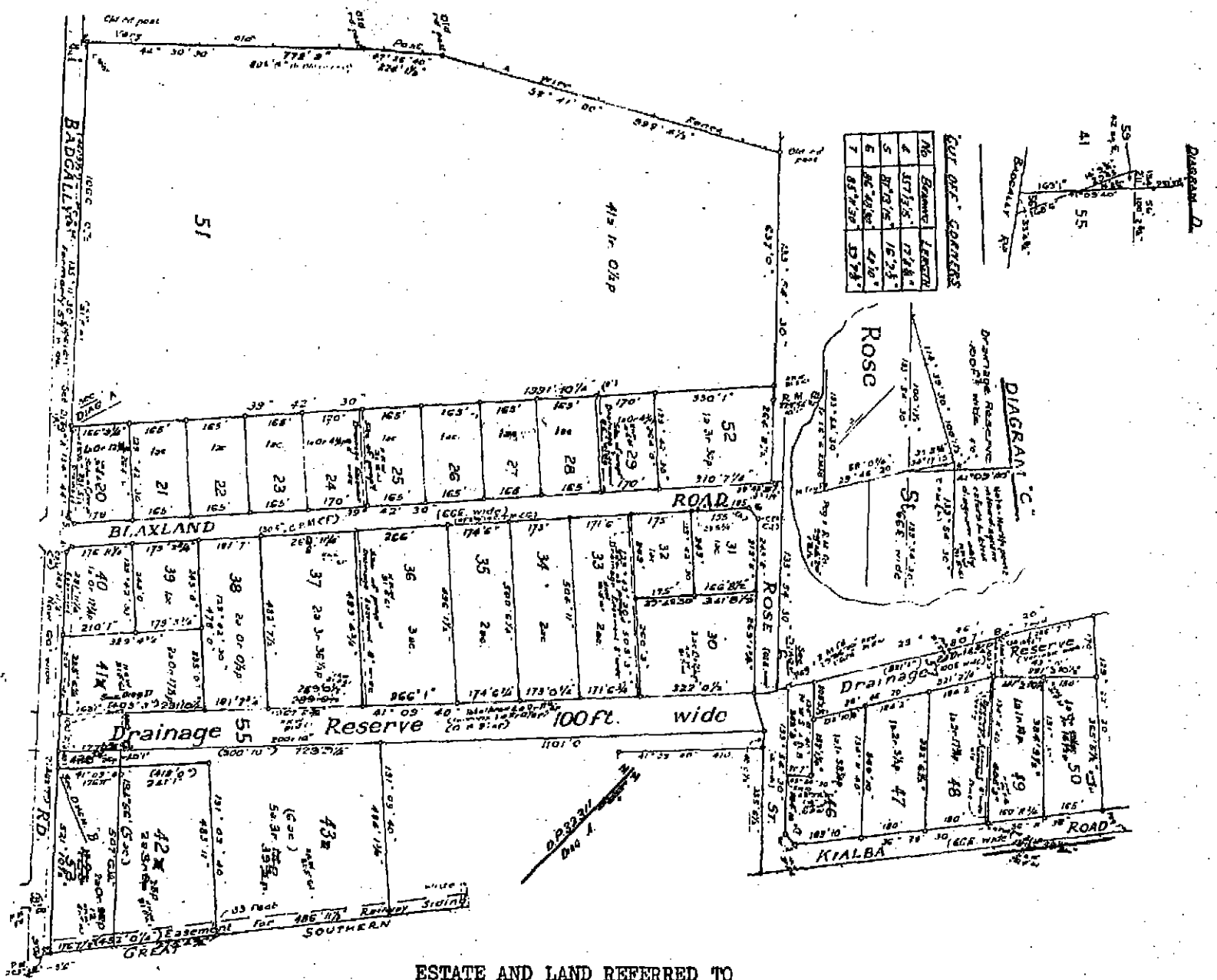
Witness

*B. Bailey*

*J. Watson*  
Registrar-General.



PLAN SHOWING LOCATION OF LAND



ESTATE AND LAND REFERRED TO

Estate in Fee Simple in lot 43 in Deposited Plan 32311 in the Municipality of Campbelltown Parish of St. Peter and County of Cumberland excepting thereout the mines and deposits specified in Section-141 of the Public Works Act, 1912.

FIRST SCHEDULE (Continued overleaf)

THE COUNCIL OF THE MUNICIPALITY OF CAMPBELLTOWN.

*J. Watson*  
Registrar General

SECOND SCHEDULE (Continued overleaf)

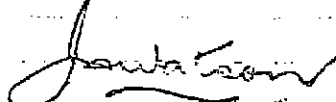

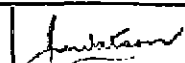
1. Reservations and conditions, if any, contained in the Crown Grant(s) referred to in the said Deposited Plan.

*J. Watson*  
Registrar General

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

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

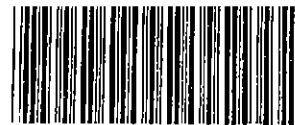
Vol. 9390 Fol 76

FIRST SCHEDULE (continued)					
REGISTERED PROPRIETOR	INSTRUMENT			ENTERED	Signature of Registrar-General
	NATURE	NUMBER	DATE		
Dairy Farmers Co-operative Limited This deed is cancelled as to <u>whole</u> New Certificates of Title have issued on <u>10-10-68</u> for lots in <u>Reprinted</u> Plan No. <u>234C86</u> as follows:- Lots <u>1</u> Vol. <u>10903</u> Fol. <u>128</u> respectively.  	Transfer	4471038	28-1-1968	11-1-1967	

(Page 2 of 2 pages)

[illegible]

CERTIFICATE OF TITLE  
PROPERTY ACT, 1900, as amended.



10420001

NEW SOUTH WALES

Applications Nos.12609 and 22745

Prior Titles Vol.1991 Fol.213  
Vol.3846 Fols.96 and 104

Vol. 10420 Fol. 201

Edition issued 21-10-1966



MA

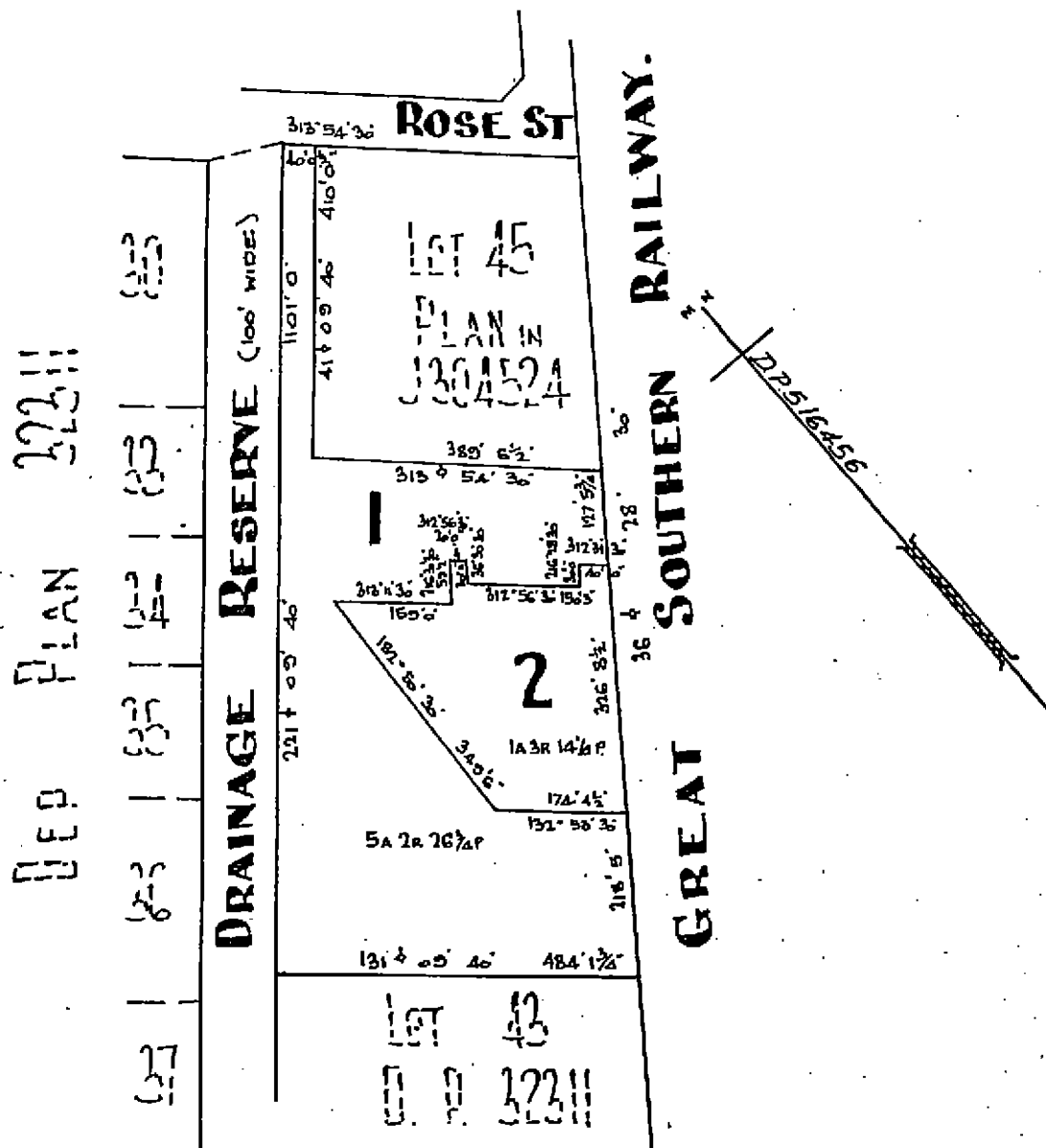
I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions encumbrances and interests as are shown in the Second Schedule.

Witness *D. Sullivan.*

*Jawatson*  
Registrar General.



PLAN SHOWING LOCATION OF LAND.



ESTATE AND LAND REFERRED TO

Estate in Fee Simple in Lot 1 in Deposited Plan 516456 in the Municipality of Campbelltown Parish of St.Peter and County of Cumberland being part of Portion 133 granted to John Warby on 20-6-1816. Excepting thereout the mines and deposits excepted by Notice of Resumption No.H386764.

FIRST SCHEDULE (continued overleaf)

THE COUNCIL OF THE MUNICIPALITY OF CAMPBELLTOWN.

*Jawatson*  
Registrar General.

SECOND SCHEDULE (continued overleaf)

1. Reservations and conditions, if any, contained in the Crown Grant above referred to as regards the parts of the land above described formerly comprised in Certificates of Title Volume 3846 Folios 96 and 104.

*Jawatson*  
Registrar General.

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

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

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



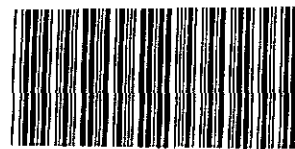
K47105  
Rm 1-14  
D. 23-10  
Lu M45  
de 2000

(Page 2 of 2 pages)

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

NEW SOUTH WALES

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



10903 128

Applications Nos. 12609, 22745, 45124  
and 45755

Vol. **10903** Fol. **128**

Prior Titles Volume 9390 Folios 75 and 76  
Volume 10420 Folio 201



EH

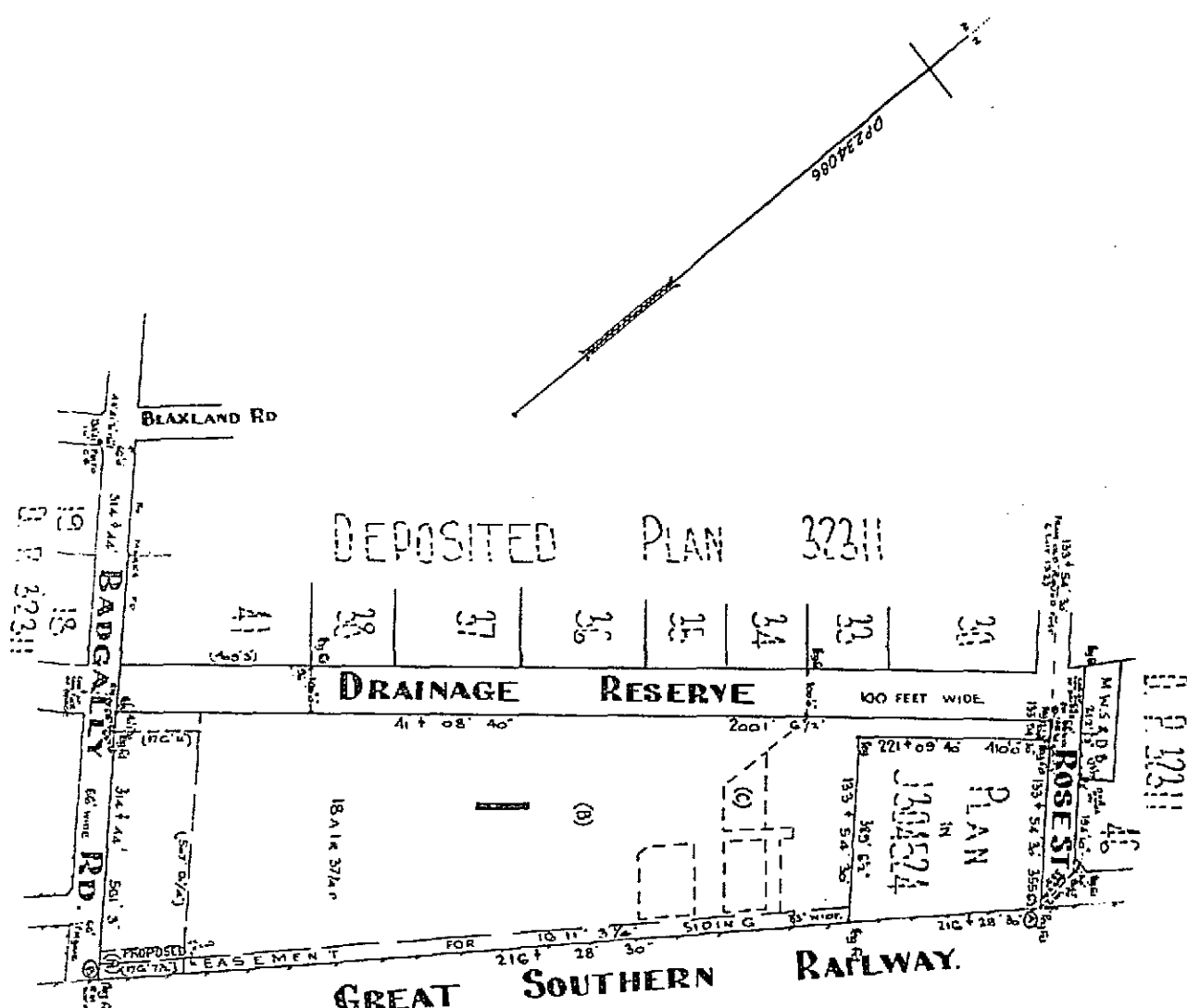
Edition issued 10-10-1968

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

Witness *M. Flint*

**CANCELLED**  
*J. Watson*  
Registrar General.  
**SEE AUTO FOLIO**

PLAN SHOWING LOCATION OF LAND



ESTATE AND LAND REFERRED TO

Estate in Fee Simple in Lot 1 in Deposited Plan 234086 in the Municipality of Campbelltown Parish of St. Peter and County of Cumberland being part of Portion 133 granted to John Warby on 20-6-1816. EXCEPTING THEREOUT the mines and deposits specified in Section 141 Public Works Act, 1912 as regards the land designated (A) and the mines and deposits specified in Section 536AA Local Government Act, 1919 as regards the land designated (B) in the plan hereon.

FIRST SCHEDULE

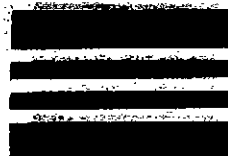
DAIRY FARMERS CO-OPERATIVE LIMITED.

SECOND SCHEDULE

1. Reservations and conditions, if any, contained in the Crown Grant above referred to.
2. The registered proprietor holds subject to the provisions of Section 604 Local Government Act, 1919 as regards the land designated (C) in the plan hereon.

*J. Watson*  
Registrar General.





E  
841162 D

**TRANSFER BY MORTGAGEE  
UNDER POWER OF SALE TP**

REAL PROPERTY ACT, 1900  
(See Instructions for Completion on back of form)

DESCRIPTION  
OF LAND  
Note (a).

TRANSFEROR  
Note (b)

MORTGAGOR  
Note (c)

Note (d)

TRANSFeree  
Note (b)

TENANCY  
Note (e)

PRIOR  
ENCUMBRANCES  
Note (f)

EXECUTION  
Note (g)

Note (g)

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

Torrens Title Reference	If Part Only, Delete Whole and Give Details	Location
18/801717	WHOLE	Campbelltown
Elders Finance Limited A.C.N. 007 533 888 (now called EFG Finance Limited)		

(the abovenamed TRANSFEROR) being the registered proprietor of MORTGAGE No. Y285113  
dated 29 March 1989, from the MORTGAGOR, WYLKOFF PTY. LIMITED

hereby acknowledges receipt of the consideration of \$ 200,000.00 and, as mortgagee under the abovementioned mortgage, transfers in exercise of power of sale an estate in fee simple in the land above described to the undermentioned TRANSFeree	OFFICE USE ONLY
Campbelltown City Church Inc.  as joint tenants/tenants in common	

subject to the following PRIOR ENCUMBRANCES 1. .... 2. .... 3. ....

DATE 19 October 1992

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

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

*Tania Bevege*  
Signature of Witness

TANIA BEVEGE

Name of Witness (BLOCK LETTERS)

4 O'CONNELL STREET, SYDNEY (CLERK)

Address and occupation of Witness

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

Signature of Witness

Name of Witness (BLOCK LETTERS)

Address and occupation of Witness

Senior Manager and Administration Manager

hereby certify that they are respectively the duly constituted  
attorneys for EFG Finance Limited under power of Attorney  
registered No 618 Book 3852 and at the time of their  
executing this instrument they have no notice of the revocation  
or termination of the said Power of Attorney or of the powers  
and authorities conferred upon or delegated to them thereunder  
and under the authority of which they have executed this  
instrument.

EFG Finance Limited  
A.C.N. 007 533 888  
by its attorneys

*[Signature]*  
Signature of Transferor

*[Signature]*  
Signature of Transferee's Solicitor  
D.A. TURNER

LODGED BY LINCOLN SMITH		LOCATION OF DOCUMENTS	
Ref:- Delivery Box Number 491A		CT	OTHER
			Herewith
			In L.T.O. with
			Produced by
Checked <i>[Signature]</i>	Passed	REGISTERED	Secondary Directions
Signed	Extra Fee	- -19	Delivery Directions

OFFICE USE ONLY

RP 13A

STAMP DUTY



OFFICE USE ONLY



Y285112



# TRANSFER (INCLUDING EASEMENT/COVENANTS)

REAL PROPERTY ACT, 1900  
(See Instructions for Completion on back of form)

T	CA 1 of 2	X	R 1/2
	\$ 42		

DESCRIPTION  
OF LAND  
Note (a)

LAND being transferred		
Torrens Title Reference	If part Only, Delete Whole and Give Details	Location
F/I 12/787701	WHOLE	Campbelltown

TENEMENTS  
PANEL

Note (b)

This panel also to be  
completed for  
covenants by transferor

Servient Tenement (Land burdened by easement)		Dominant Tenement (Land benefited by easement)	
Torrens Title Reference	Torrens Title Reference	Torrens Title Reference	Torrens Title Reference
12/787701	12 Surplusage	11/787701	

TRANSFEROR  
Note (c)

DAIRY FARMERS CO-OPERATIVE LIMITED

Note (d)

(the abovenamed TRANSFEROR) hereby acknowledges receipt of the consideration of \$ 1,800,000.00  
and transfers an estate in fee simple in the land being transferred above described to the TRANSFEREE

TRANSFEREE  
Note (c)

WYLKOFF PTY LIMITED a company incorporated in the Australian Capital Territory having its registered office at 11 Fitzroy Street Forrest in the said Territory.	OFFICE USE ONLY  S.
---	---------------------------

TENANCY  
Note (e)

PRIOR  
ENCUMBRANCES  
Note (f)

subject to the following PRIOR ENCUMBRANCES 1. NIL  
2.   
3.   
AND the TRANSFEROR -

Note (g)

(i) GRANTS/RESERVES an easement as set out in SCHEDULE ONE hereto  
(ii) COVENANTS with the TRANSFEREE as set out in SCHEDULE TWO hereto

Note (g)

AND the TRANSFEREE COVENANTS with the TRANSFEROR as set out in SCHEDULE THREE hereto

DATE 31 March 1989

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

EXECUTION  
Note (h)

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

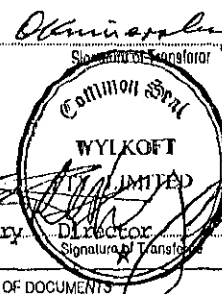
DAIRY FARMERS CO-OPERATIVE LIMITED by its Attorney DONALD STUART KINNERSLEY who states  
that at the date of his execution hereof he has had no notice of the revocation of the  
Power of Attorney dated 10th September, 1986 registered No. 810 Bk. 3678 under the  
authority of which he has executed this Transfer in the presence of:

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

THE COMMON SEAL OF WYLKOFF  
PTY LIMITED was hereunto  
affixed by authority of the  
Board of Directors and in  
the presence of :

Signature of Witness  
L.W. ROBINSON  
Name of Witness (BLOCK LETTERS)

1 KERRIE LACE BILGOLA RIVER  
Address and occupation of Witness



TO BE COMPLETED  
BY LODGING PARTY

Notes (i) and (j)

LODGED BY		LOCATION OF DOCUMENTS	
M. J. ARMSTRONG LAW STATIONER 127 KING ST., SYDNEY PHONE 231 2511 DX 599 SYDNEY DELIVERY BOX NO. 46X FAX (02) 233 7347		CT	OTHER
Ref:		✓	Herewith.
Delivery Box Number			In L.T.O. with
			Produced by
Checked	Passed	REGISTERED	-19
EC		Secondary Directions	ON CV
		Delivery Directions	

OFFICE USE ONLY

NSW 4 1800 1800 STAMP DUTY 19/03/89 10433 6

Rudi H Van



RP 13A  
1998

**SCHEDULE ONE HEREINBEFORE REFERRED TO**

The Transferor hereby grants/reserves

Notes (k) and (l)

...

**SCHEDULE TWO HEREINBEFORE REFERRED TO**

The Transferor hereby covenants with

Notes (m) and (l)  
Also complete  
transferor's part on  
back of form

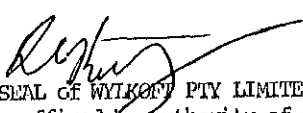
RP 13A  
1000

SCHEDULE THREE HEREINBEFORE REFERRED TO

Notes (n) and (l)

The Transferee hereby covenants with the Transferor and during the ownership by the Transferor his successors and assigns other than purchasers on sale of any land adjoining the land hereby transferred, no fence shall be erected on the land hereby transferred to divide it from such adjoining land without the consent in writing of the Transferor his successors and assigns other than as aforesaid but such consent shall not be withheld if such fence is erected without expense to the Transferor his successors and assigns and in favour of any person dealing with the Transferee their successors and assigns such consent shall be deemed to have been given in respect of every such fence for the time being erected and it is agreed as follows :-

- (a) The land to which the benefit of this covenant is appurtenant is the adjoining land currently owned by the Transferor.
- (b) The land which is subject to the burden of this covenant is the land hereby transferred.
- (c) This covenant may be released varied or modified by the Transferor his successors and assigns.
- (d) No person's consent is required to a release variation or modification of this covenant other than the persons referred to in paragraph (c) above.

  
THE COMMON SEAL OF WYLKOF PTY LIMITED  
was hereunto affixed by authority of the  
Board of Directors and in the presence  
of:-

  
Secretary



  
Director

DAIRY FARMERS CO-OPERATIVE LIMITED by its Attorney DONALD STUART KINNERSLEY who states that at the date of his execution hereof he has had no notice of the revocation of the power of Attorney dated 10th September, 1906 registered No. 810 Bk. 3678 under the authority of which he has executed this Transfer in the presence of:

  
.....

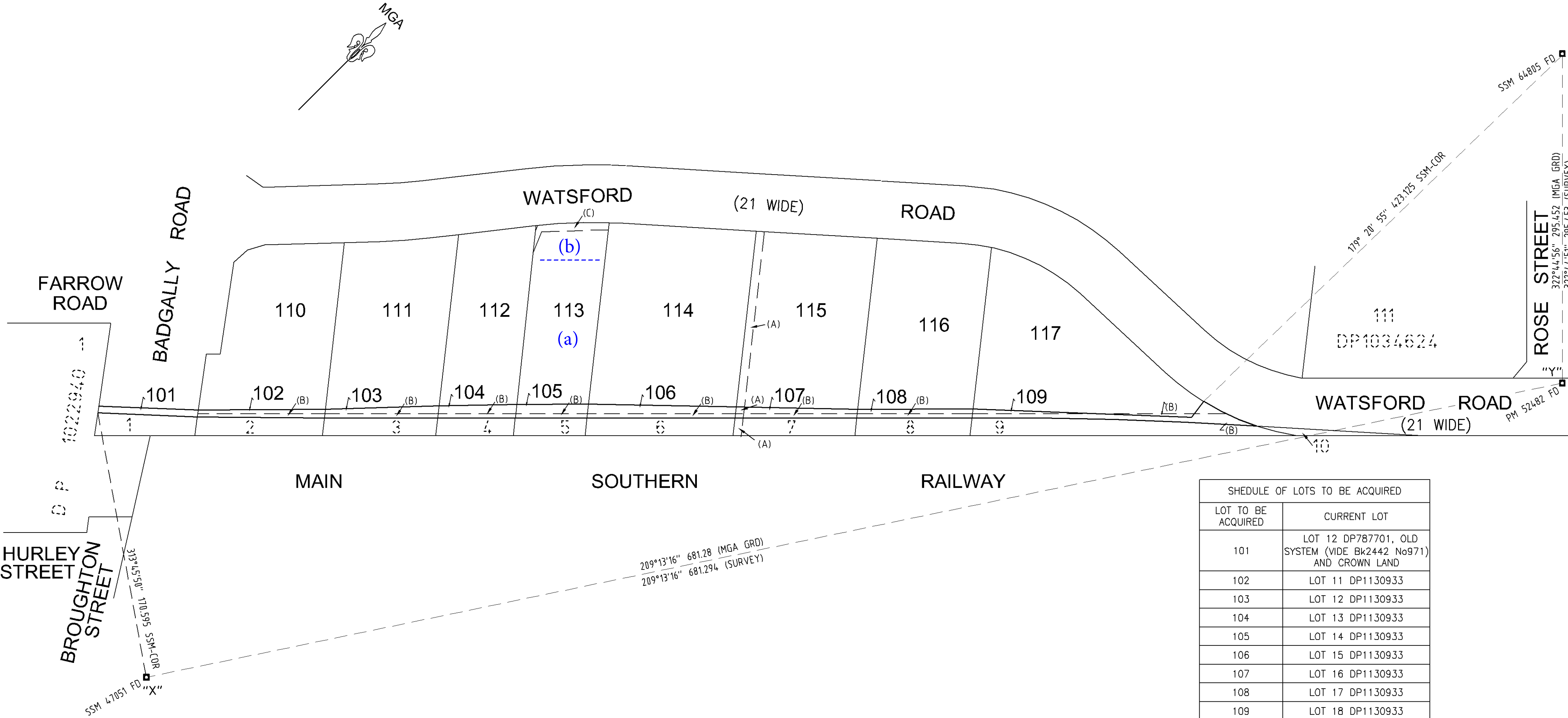
  
.....

L. W. ROBINSON  
1 KEMBLE PLACE

BILGOLLA PLATEAU

CORPORATE EXECUTIVE





SCHEDULE OF LOTS TO BE ACQUIRED	
LOT TO BE ACQUIRED	CURRENT LOT
101	LOT 12 DP787701, OLD SYSTEM (VIDE Bk2442 No971) AND CROWN LAND
102	LOT 11 DP1130933
103	LOT 12 DP1130933
104	LOT 13 DP1130933
105	LOT 14 DP1130933
106	LOT 15 DP1130933
107	LOT 16 DP1130933
108	LOT 17 DP1130933
109	LOT 18 DP1130933

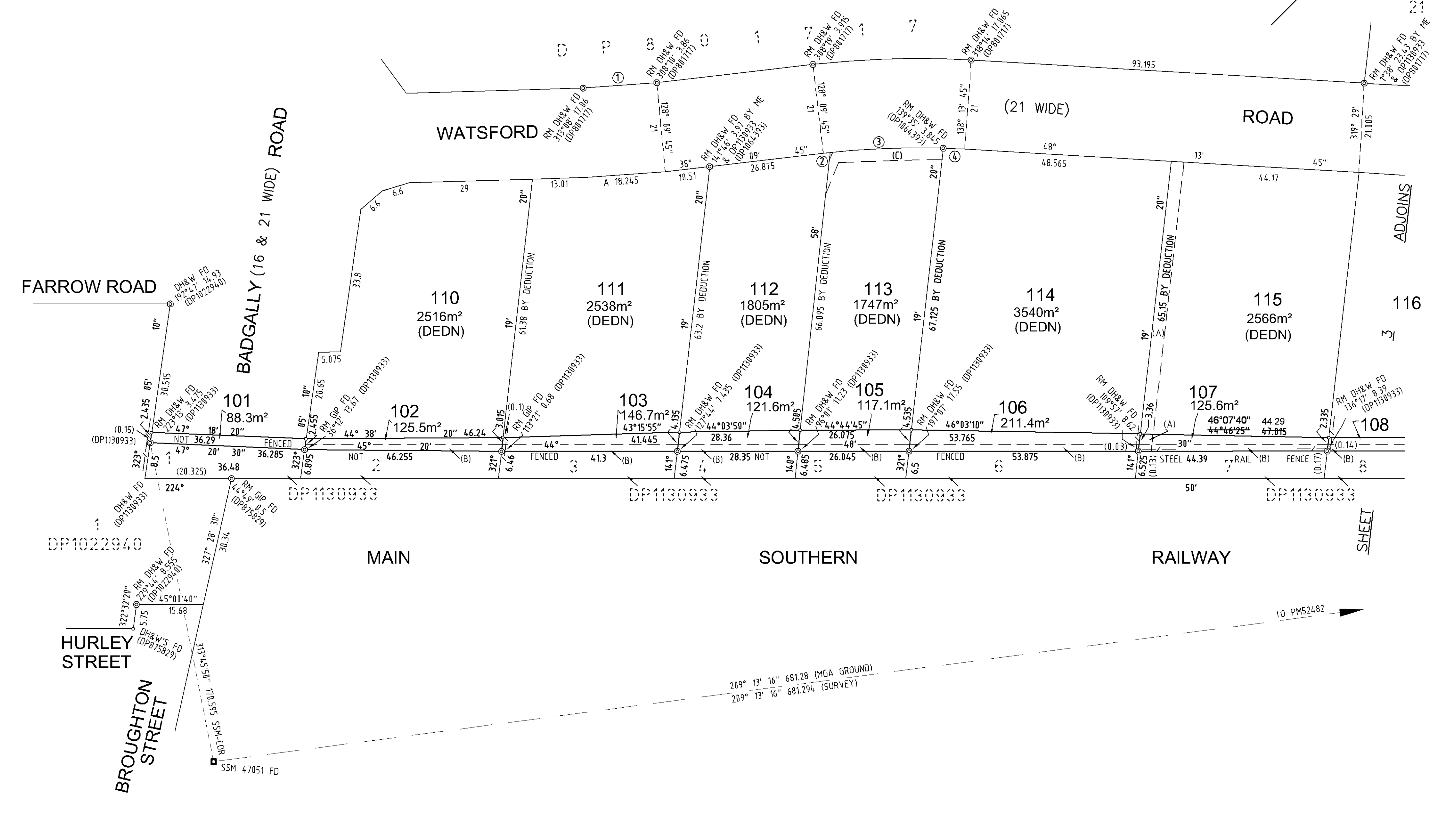
- (A) DENOTES EASEMENT TO DRAIN WATER 3 WIDE (DP801717)  
(B) DENOTES EASEMENT FOR TRANSMISSION LINE 8 WIDE (VIDE DP644075)  
(C) DENOTES EASEMENT TO DRAIN WATER 2.5 & VARIABLE (VIDE DP1064393)

Clause 35(1)(b) and Clause 61(2) of the Surveying & Spatial Information Regulation 2006					
Mark	MGA Easting	MGA Northing	Class	Order	Origin
PM 52482	298 873.017	6 229 256.689	B	2	SCIMS
SSM 64805	298 694.161	6 229 491.887	B	2	SCIMS
SSM 47051	298 540.398	6 228 662.055	C	3	SCIMS
MGA Co-ordinates adopted from SCIMS as at 3 AUGUST 2012 Combined Scale Factor = 1.000086 Zone 56					

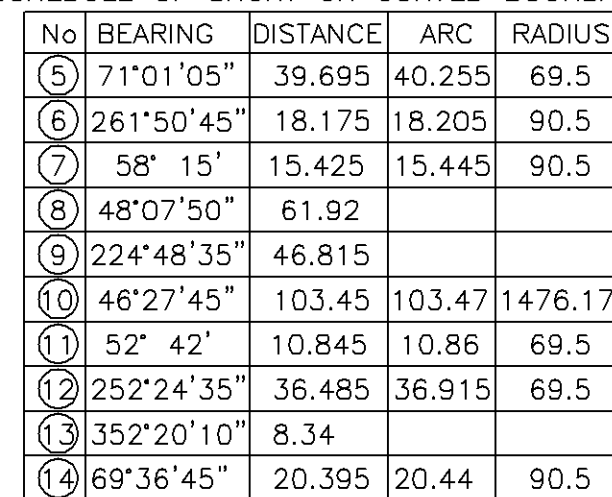
Req:R132783 /Doc:DP 1183297 P /Rev:18-Sep-2015 /Prt:24-Aug-2018 07:22 /Seq:1 of 4  
Ref:advlegs /Src:P

SCHEDULE OF SHORT OR CURVED BOUNDARIES

No	BEARING	DISTANCE	ARC	RADIUS
①	40° 39'	16.42	16.425	189.5
②	38° 23'	1.595	1.595	189.5
③	42°39'05"	26.62	26.645	189.5
④	227°26'30"	5.05	5.05	189.5







DP1183297

PLAN FORM 6

WARNING: Creasing or folding will lead to rejection

DEPOSITED PLAN ADMINISTRATION SHEET

Sheet 1 of 1 sheet(s)

SIGNATURES, SEALS AND STATEMENTS of intention to dedicate public roads, public reserves and drainage reserves or create easements, restrictions on the use of land and positive covenants



DP1183297 S

Use Only

Approved for and on behalf of  
the Rail Corporation  
New South Wales

Authorised Officer

*[Signature]*  
14/2/2013

Registered: 27-5-2013



Office Use Only

Title System: TORRENS

Purpose: ACQUISITION

PLAN OF PROPOSED ACQUISITION FOR RAILWAY PURPOSES OF PART OF THE LAND DEDICATED AS PUBLIC ROAD, PART OF LOTS 11, 12, 13, 14, 15, 16, 17 AND 18 IN DP1130933

LGA: CAMPBELLTOWN

Locality: CAMPBELLTOWN

Parish: ST. PETER

County: CUMBERLAND

Survey Certificate

I, Jonathan Saxon .....

of PROJECT SURVEYORS (PH 9888 3848).....

a surveyor registered under the Surveying and Spatial Information Act 2002, certify that the survey represented in this plan is accurate, has been made in accordance with the Surveying and Spatial Information Regulation 2006 and was completed on: 3 August 2012 .....

The survey relates to 101 – 118 (Lots 111-118 compiled).....

(specify the land actually surveyed or specify any land shown in the plan that is not the subject of the survey)

Signature *[Signature]* Dated: 10/8/12

Surveyor registered under the Surveying and Spatial Information Act 2002

Datum Line: ..... "X" – "Y" .....

Type: Urban

Plans used in the preparation of survey:

DP1130933  
DP801717  
DP880897  
DP1034624  
DP1064393

If space is insufficient use PLAN FORM 6A annexure sheet

Surveyor's Reference:19406-D1356

If space is insufficient use PLAN FORM 6A annexure sheet

Crown Lands NSW/Western Lands Office Approval

I.....in approving this plan certify

(Authorised Officer)

that all necessary approvals in regard to the allocation of the land shown herein have been given

Signature: .....

Date: .....

File Number: .....

Office: .....

Subdivision Certificate

I certify that the provisions of s.109J of the Environmental Planning and Assessment Act 1979 have been satisfied in relation to:

the proposed ..... set out herein

(Insert 'subdivision' or 'new road')

\* Authorised Person/\*General Manager/\*Accredited Certifier

Consent Authority: .....

Date of Endorsement: .....

Accreditation no: .....

Subdivision Certificate no: .....

File no: .....

\* Strike through inapplicable parts.

NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

24/8/2018 7:30AM

FOLIO: 12/787701

First Title(s): OLD SYSTEM  
Prior Title(s): 1/234086

Recorded	Number	Type of Instrument	C.T. Issue
23/3/1989	DP787701	DEPOSITED PLAN	FOLIO CREATED EDITION 1
24/4/1989	Y285112	TRANSFER	
24/4/1989	Y285113	MORTGAGE	EDITION 2
18/4/1990	DP801717	DEPOSITED PLAN	FOLIO CANCELLED RESIDUE REMAINS
17/9/2009	AE986446	DEPARTMENTAL DEALING	FOLIO RESTORED
29/9/2009	AE828346	REQUEST	FOLIO CANCELLED RESIDUE REMAINS
27/5/2013	DP1183297	DEPOSITED PLAN	
12/6/2014	AI655245	DEPARTMENTAL DEALING	
9/12/2014	AI667973	REQUEST	

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

NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

24/8/2018 7:25AM

FOLIO: 14/1130933

First Title(s): OLD SYSTEM  
Prior Title(s): 2/1064393

Recorded	Number	Type of Instrument	C.T. Issue
13/10/2008	DP1130933	DEPOSITED PLAN	LOT RECORDED FOLIO NOT CREATED
21/8/2009	AE920235	DEPARTMENTAL DEALING	FOLIO CREATED CT NOT ISSUED
27/5/2013	DP1183297	DEPOSITED PLAN	
12/6/2014	AI655245	DEPARTMENTAL DEALING	
13/10/2014	AI658501	REQUEST	FOLIO CANCELLED

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

NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

24/8/2018 7:28AM

FOLIO: 18/801717

First Title(s): OLD SYSTEM  
Prior Title(s): 12/787701

Recorded -----	Number -----	Type of Instrument -----	C.T. Issue -----
18/4/1990	DP801717	DEPOSITED PLAN	FOLIO CREATED EDITION 1
9/5/1990	Z6862	DEPARTMENTAL DEALING	EDITION 2
16/11/1990	DP644075	DEPOSITED PLAN	
21/10/1991	E2374	DEPARTMENTAL DEALING	
21/10/1992	E841162	TRANSFER BY MORTGAGEE UNDER POWER OF SALE	
21/10/1992	E841163	MORTGAGE	EDITION 3
3/11/1992	E869437	DEPARTMENTAL DEALING	EDITION 4
30/11/1992	E924617	RESUMPTION APPLICATION	
31/1/1994	I969816	DISCHARGE OF MORTGAGE	EDITION 5
17/9/1998	5271805	MORTGAGE	EDITION 6
25/10/2000	7172431	DISCHARGE OF MORTGAGE	
25/10/2000	7172432	TRANSFER	EDITION 7
3/3/2004	DP1064393	DEPOSITED PLAN	FOLIO CANCELLED

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





NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: 113/1183297

SEARCH DATE	TIME	EDITION NO	DATE
24/8/2018	7:23 AM	-	-

CERTIFICATE OF TITLE HAS NOT ISSUED

LAND

LOT 113 IN DEPOSITED PLAN 1183297  
AT CAMPBELLTOWN  
LOCAL GOVERNMENT AREA CAMPBELLTOWN  
PARISH OF ST PETER COUNTY OF CUMBERLAND  
TITLE DIAGRAM DP1183297

FIRST SCHEDULE

WIN CORPORATION PTY LIMITED

SECOND SCHEDULE (5 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- \* 2 Y285112 COVENANT
- \* 3 DP801717 RESTRICTION(S) ON THE USE OF LAND
- \* 4 DP1064393 RESTRICTION(S) ON THE USE OF LAND
- \* 5 DP1064393 EASEMENT TO DRAIN WATER 2.5 METRE(S) WIDE AND  
VARIABLE AFFECTING THE PART(S) SHOWN SO BURDENED IN  
THE TITLE DIAGRAM

NOTATIONS

CERTIFICATE OF TITLE NOT ISSUED. LODGED DEALINGS MUST BE ACCOMPANIED  
BY PRIOR CERTIFICATE OF TITLE 2/1064393 (EDITION 1)

UNREGISTERED DEALINGS: NIL

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

advlegs

PRINTED ON 24/8/2018

Obtained from NSW LRS on 24 August 2018 07:23 AM AEST

\* Any entries preceded by an asterisk do not appear on the current edition of the Certificate of Title. Warning: the information appearing under notations has not been formally recorded in the Register.

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## **Appendix C**


## Site Walkover Photograph 1

<b>Client Name:</b> Ibiz Design and Construction		<b>Site Location:</b> 6A Watsford Road, Campbelltown, New South Wales	<b>Project Number:</b> CES180704-IDC
<b>Date:</b> 28/08/2018	<b>Plate 1</b>		
<b>Description:</b> Site before drilling works commenced, photograph taken from western end of the Site facing north-east			

## Site Walkover Photograph 2

<b>Client Name:</b> Ibiz Design and Construction		<b>Site Location:</b> 6A Watsford Road, Campbelltown, New South Wales	<b>Project Number:</b> CES180704-IDC
<b>Date:</b> 29/08/2018	<b>Plate 2</b>		
<b>Description:</b> Centre of site looking in northeast direction taken from the western site boundary. Western wall of eastern neighbouring property, Pedders Suspension Campbelltown, shown in background and concrete driveway/entry road of western neighbouring property, C913 Radio Station, shown in foreground.			

## Site Walkover Photograph 3

<b>Client Name:</b> Ibiz Design and Construction		<b>Site Location:</b> 6A Watsford Road, Campbelltown, New South Wales	<b>Project Number:</b> CES180704-IDC
<b>Date:</b> 29/08/2018	<b>Plate 3</b>		
<b>Description:</b> Photograph taken from north-eastern boundary of the site facing east. Secure site boundary fence (wire chain link and concrete panel) in background in foreground and background of photograph. Pile of concrete block and brick rubble outside eastern corner boundary in centre far background of photograph.			

## Site Walkover Photograph 4

<b>Client Name:</b> Ibiz Design and Construction		<b>Site Location:</b> 6A Watsford Road, Campbelltown, New South Wales	<b>Project Number:</b> CES180704-IDC
<b>Date:</b> 29/08/2018	<b>Plate 4</b>		
<b>Description:</b> Southern corner of the site taken from the southern-centre portion of the site. Rear of eastern neighbouring property, C913 Radio Station, shown in background.			



## Site Walkover Photograph 5

<b>Client Name:</b> Ibiz Design and Construction		<b>Site Location:</b> 6A Watsford Road, Campbelltown, New South Wales	<b>Project Number:</b> CES180704-IDC
<b>Date:</b> 29/08/2018	<b>Plate 5</b>		
<b>Description:</b> Western boundary of the site, looking towards the southern site boundary. Western neighbouring property, C913 Radio Station, shown in background (right).			



## **Appendix D**

Project ID: CES180704-IDC  
Client: Ibiz Design & Construction  
Project: Preliminary Geotechnical Investigation  
Location: 6A Watsford Rd, Campbelltown







**CONSULTING  
EARTH  
SCIENTISTS**  
Jones Bay Wharf 19-21, Suite 55  
26-32 Pirrama Road, Pyrmont NSW 2009  
PH: (02) 8569 2200 FAX: (02) 9552 4399  
www.consultingearth.com.au

LOG ID:  
BH01  
Sheet: 1 of 1

X-Coord: 298504.3  
Y-Coord: 6228930.3  
Surface Elevation (R.L.) : 61.5 m AHD

Date Commenced: 29/08/2018  
Date Completed: 29/08/2018  
Hole Diameter (mm): 115mm

Logged by: H.N.  
Checked by: D.L.

Drilling Information				LITHOLOGY				Samples	Tests			Notes and additional observations
Depth (mBGL)	R.L. (m)	Method (Support)	Water	Symbol	USCS Symbol	Description  SOIL TYPE: plasticity or particle characteristics colour, moisture, secondary and minor component	Consistency / Density	Moisture	Sample ID	SPT	Pocket Penetrometer (kPa)  100 200 300 400	
0.0					CL	TOPSOIL: Sandy CLAY, low plasticity, pale grey/brown. Sand is fine grained, sub rounded, with gravel, fine, angular, with silt, trace fine roots.  Sandy CLAY: low plasticity, pale grey/orange/brown mottled. Sand is fine grained, sub rounded, with silt and fine gravel, angular, trace fine roots in top 0.5m.	Soft  Hard	MC<PL				[TOPSOIL]
0.5	62											
1.0									ENV (1.0m-1.45m)	SPT at 1-1.45m 10,11,24 N=35		
1.5	61											
2.0												
2.5	60				CI	CLAY: medium plasticity, pale grey, with sand, fine grained, angular.	Stiff					
3.0					CL	Sandy CLAY: Low plasticity, mottled pale grey/brown, sand is fine grained, sub-angular, with gravels, fine grained, sub-rounded and rounded, iron rich gravels.	V.Stiff			SPT at 2.5-2.95m 6,10,13 N=23		
3.5	59											
4.0									ENV (4.0m-4.45m)	SPT at 4-4.45m 5,9,15 N=24		
4.5	58											
5.0					CL	Silty CLAY: Low plasticity, dark grey, (extremely weathered shale, fragments present).						[RESIDUAL]
5.5	57											
6.0						Begin core drilling at 5.7m bgl. Refer to BH01 corelog for details.				SPT at 5.5-5.95m 19,>30 Refusal, hammer bounce at 5.7m		

Drilling Information

Depth (mBGL)

R.L. (m)

Method (Support)

% Coreloss

Water

LITHOLOGY

Rock Description

ROCK TYPE: grain characteristics, colour structure, minor components

Weathering

Estimated Strength MPa

0.03

0.1

0.3

1

3

10

Is (50) MPa

Natural Defects

RQD %

Spacing (mm)

Description

5.0

5.5

6.0

6.5

7.0

7.5

8.0

8.5

9.0

NMLC

0%

Refer to BH01 borelog for details.

SHALE: fine grained, grey, very low strength, extremely weathered, broken core.

SHALE: fine grained, grey, low strength, highly weathered, laminated, 1-2mm spacing.

SHALE: fine grained, low strength, moderately weathered, fine sandstone, 2-5mm thick, 40-50mm spacing.

SHALE: fine grained, grey, medium strength, slightly weathered, medium strength, laminations of fine grained sandstone.

End of hole at 8.5m. Target depth. Water not observed

EW

HW

MW

SW

47%

5

6

7

8

9

6.03-6.5m, Joint set, J85-90, SL,Pl, Cl

6.15-6.2m, Sm, C, Co (clay)

6.59-6.61m, CS90, C

6.74-6.76m, CS90, C

7.15m, P90, C, Sm, St

Project ID: CES180704-IDC  
Client: Ibiz Design & Construction  
Project: Preliminary Geotechnical Investigation  
Location: 6A Watsford Rd, Campbelltown



**CONSULTING  
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26-32 Pirrama Road, Pyrmont NSW 2009  
PH: (02) 8569 2200 FAX: (02) 9552 4399  
www.consultingearth.com.au

LOG ID:  
BH02  
Sheet: 1 of 1

X-Coord: 298532.8

Y-Coord: 6228905.9

Surface Elevation (R.L) : 61.5 m AHD

Date Commenced: 29/08/2018

Date Completed: 29/08/2018

Hole Diameter (mm): 115mm

Logged by: H.N.

Checked by: D.L.

Drilling Information				LITHOLOGY				Samples	Tests			Notes and additional observations
Depth (mBGL)	R.L. (m)	Method (Support)	Water	Symbol	USCS Symbol	Description  SOIL TYPE: plasticity or particle characteristics colour, moisture, secondary and minor component	Consistency / Density	Moisture	Sample ID	SPT	Pocket Penetrometer (kPa)  100 200 300 400	
0.0						TOPSOIL: Sandy CLAY, low plasticity, pale brown, sand is fine grained, sub rounded, with silt and fine grained gravels, angular, trace fine roots.	Soft	MC<PL				[TOPSOIL]
0.5	61					Gravelly CLAY: low plasticity, pale orange/brown, gravel is fine grained, sub-rounded, with silt and fine grained sand.	V.Stiff					[ALLUVIAL]
1.0						Sandy CLAY: low plasticity, mottled pale grey/orange. Sand is fine, angular to rounded, with silt.			ENV (1.0m-1.45m)	SPT at 1-1.45m 6,10,13 N=23		
1.5	60											
2.0												
2.5	59									SPT at 2.5-2.95m 6,8,10 N=18		
3.0												
3.5	58											
4.0									ENV (4.0m-4.45m)	SPT at 4-4.45m 5,10,14 N=24		
4.5	57											
5.0						CLAY: Medium plasticity, pale grey. Sand is fine grained, sub-angular, with gravel, fine grained, sub-rounded and rounded with iron staining evident on gravel.	Stiff					
5.5	56				CI	Silty CLAY: low plasticity, dark grey, (extremely weathered shale, fragments present).	V.stiff			SPT at 5.5-5.95m N>30 Refusal, hammer bounce at 5.5m		[RESIDUAL]
6.0					CL	Begin core drilling at 5.5m bgl. Refer to BH02 corelog for details.						

**Location:** 6A Watsford Rd, Campbelltown



# BH02

Sheet: 1 of 2

**Checked by:** D.L.

Depth (m)	Interval	Description	Notes
5.0 - 5.5	NMLC 0%		
5.5 - 6.0		SHALE: fine grained, grey, low strength, moderately weathered.	MW
6.0 - 6.5		SHALE: fine grained, pale grey, medium strength with sandstone laminations, moderately weathered, 5-10mm spacing, 1-2mm thick.	
6.5 - 7.0		SHALE: fine grained, pale grey, medium strength, moderately weathered, laminations more frequent, 2-3mm thick, 5-10mm spacing.	
7.0 - 7.5		SHALE: fine grained, pale grey, medium strength, 2-3mm thick, 5-10mm spacing.	
7.5 - 8.0		SHALE: fine grained, grey, medium strength, slightly weathered, laminations of sandstone.	SW
8.0 - 8.5		End of hole at 8.4m. Target depth. Water not observed.	



## **Appendix E**

## CERTIFICATE OF ANALYSIS 199781

### Client Details

<b>Client</b>	Consulting Earth Scientists Pty Ltd
<b>Attention</b>	Henry Noakes
<b>Address</b>	Suite 3, Level 1, 55 Grandview Street, Pymble, NSW, 2073

### Sample Details

<b>Your Reference</b>	<u>CES180704-IDC</u>
<b>Number of Samples</b>	4 SOIL
<b>Date samples received</b>	31/08/2018
<b>Date completed instructions received</b>	31/08/2018

### Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.  
 Samples were analysed as received from the client. Results relate specifically to the samples as received.  
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.  
**Please refer to the last page of this report for any comments relating to the results.**

### Report Details

<b>Date results requested by</b>	07/09/2018
<b>Date of Issue</b>	06/09/2018
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. <b>Tests not covered by NATA are denoted with *</b>	

#### Asbestos Approved By

Analysed by Asbestos Approved Identifier: Matt Tang  
 Authorised by Asbestos Approved Signatory: Lucy Zhu

#### Results Approved By

Giovanni Agosti, Group Technical Manager  
 Lucy Zhu, Asbestos Analyst  
 Nancy Zhang, Assistant Lab Manager  
 Steven Luong, Senior Chemist

#### Authorised By



Jacinta Hurst, Laboratory Manager

vTRH(C6-C10)/BTEXN in Soil			
Our Reference		199781-1	199781-3
Your Reference	UNITS	BH01	BH02
Depth		1.0-1.45	1.0-1.45
Type of sample		SOIL	SOIL
Date extracted	-	02/09/2018	02/09/2018
Date analysed	-	04/09/2018	04/09/2018
TRH C <sub>6</sub> - C <sub>9</sub>	mg/kg	<25	<25
TRH C <sub>6</sub> - C <sub>10</sub>	mg/kg	<25	<25
vTPH C <sub>6</sub> - C <sub>10</sub> less BTEX (F1)	mg/kg	<25	<25
Benzene	mg/kg	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1
m+p-xylene	mg/kg	<2	<2
o-Xylene	mg/kg	<1	<1
naphthalene	mg/kg	<1	<1
Total +ve Xylenes	mg/kg	<1	<1
Surrogate aaa-Trifluorotoluene	%	107	103

svTRH (C10-C40) in Soil			
Our Reference		199781-1	199781-3
Your Reference	UNITS	BH01	BH02
Depth		1.0-1.45	1.0-1.45
Type of sample		SOIL	SOIL
Date extracted	-	02/09/2018	02/09/2018
Date analysed	-	03/09/2018	03/09/2018
TRH C <sub>10</sub> - C <sub>14</sub>	mg/kg	<50	<50
TRH C <sub>15</sub> - C <sub>28</sub>	mg/kg	<100	<100
TRH C <sub>29</sub> - C <sub>36</sub>	mg/kg	<100	<100
TRH >C <sub>10</sub> -C <sub>16</sub>	mg/kg	<50	<50
TRH >C <sub>10</sub> - C <sub>16</sub> less Naphthalene (F2)	mg/kg	<50	<50
TRH >C <sub>16</sub> -C <sub>34</sub>	mg/kg	<100	<100
TRH >C <sub>34</sub> -C <sub>40</sub>	mg/kg	<100	<100
Total +ve TRH (>C10-C40)	mg/kg	<50	<50
Surrogate o-Terphenyl	%	114	101

PAHs in Soil			
Our Reference		199781-1	199781-3
Your Reference	UNITS	BH01	BH02
Depth		1.0-1.45	1.0-1.45
Type of sample		SOIL	SOIL
Date extracted	-	02/09/2018	02/09/2018
Date analysed	-	03/09/2018	03/09/2018
Naphthalene	mg/kg	0.2	<0.1
Acenaphthylene	mg/kg	<0.1	<0.1
Acenaphthene	mg/kg	<0.1	<0.1
Fluorene	mg/kg	<0.1	<0.1
Phenanthrene	mg/kg	<0.1	<0.1
Anthracene	mg/kg	<0.1	<0.1
Fluoranthene	mg/kg	<0.1	<0.1
Pyrene	mg/kg	<0.1	<0.1
Benzo(a)anthracene	mg/kg	<0.1	<0.1
Chrysene	mg/kg	<0.1	<0.1
Benzo(b,j+k)fluoranthene	mg/kg	<0.2	<0.2
Benzo(a)pyrene	mg/kg	<0.05	<0.05
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.1	<0.1
Dibenzo(a,h)anthracene	mg/kg	<0.1	<0.1
Benzo(g,h,i)perylene	mg/kg	<0.1	<0.1
Total +ve PAH's	mg/kg	0.2	<0.05
Benzo(a)pyrene TEQ calc (zero)	mg/kg	<0.5	<0.5
Benzo(a)pyrene TEQ calc(half)	mg/kg	<0.5	<0.5
Benzo(a)pyrene TEQ calc(PQL)	mg/kg	<0.5	<0.5
Surrogate <i>p</i> -Terphenyl-d14	%	109	106



Organochlorine Pesticides in soil			
Our Reference		199781-1	199781-3
Your Reference	UNITS	BH01	BH02
Depth		1.0-1.45	1.0-1.45
Type of sample		SOIL	SOIL
Date extracted	-	02/09/2018	02/09/2018
Date analysed	-	04/09/2018	04/09/2018
HCB	mg/kg	<0.1	<0.1
alpha-BHC	mg/kg	<0.1	<0.1
gamma-BHC	mg/kg	<0.1	<0.1
beta-BHC	mg/kg	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1
delta-BHC	mg/kg	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1
gamma-Chlordane	mg/kg	<0.1	<0.1
alpha-chlordane	mg/kg	<0.1	<0.1
Endosulfan I	mg/kg	<0.1	<0.1
pp-DDE	mg/kg	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1
pp-DDD	mg/kg	<0.1	<0.1
Endosulfan II	mg/kg	<0.1	<0.1
pp-DDT	mg/kg	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1
Total +ve DDT+DDD+DDE	mg/kg	<0.1	<0.1
Surrogate TCMX	%	91	92

Organophosphorus Pesticides			
Our Reference		199781-1	199781-3
Your Reference	UNITS	BH01	BH02
Depth		1.0-1.45	1.0-1.45
Type of sample		SOIL	SOIL
Date extracted	-	02/09/2018	02/09/2018
Date analysed	-	04/09/2018	04/09/2018
Azinphos-methyl (Guthion)	mg/kg	<0.1	<0.1
Bromophos-ethyl	mg/kg	<0.1	<0.1
Chlorpyrifos	mg/kg	<0.1	<0.1
Chlorpyrifos-methyl	mg/kg	<0.1	<0.1
Diazinon	mg/kg	<0.1	<0.1
Dichlorvos	mg/kg	<0.1	<0.1
Dimethoate	mg/kg	<0.1	<0.1
Ethion	mg/kg	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1
Malathion	mg/kg	<0.1	<0.1
Parathion	mg/kg	<0.1	<0.1
Ronnel	mg/kg	<0.1	<0.1
Surrogate TCMX	%	91	92

PCBs in Soil			
Our Reference		199781-1	199781-3
Your Reference	UNITS	BH01	BH02
Depth		1.0-1.45	1.0-1.45
Type of sample		SOIL	SOIL
Date extracted	-	02/09/2018	02/09/2018
Date analysed	-	04/09/2018	04/09/2018
Aroclor 1016	mg/kg	<0.1	<0.1
Aroclor 1221	mg/kg	<0.1	<0.1
Aroclor 1232	mg/kg	<0.1	<0.1
Aroclor 1242	mg/kg	<0.1	<0.1
Aroclor 1248	mg/kg	<0.1	<0.1
Aroclor 1254	mg/kg	<0.1	<0.1
Aroclor 1260	mg/kg	<0.1	<0.1
Total +ve PCBs (1016-1260)	mg/kg	<0.1	<0.1
Surrogate TCLMX	%	91	92

Acid Extractable metals in soil			
Our Reference		199781-1	199781-3
Your Reference	UNITS	BH01	BH02
Depth		1.0-1.45	1.0-1.45
Type of sample		SOIL	SOIL
Date prepared	-	02/09/2018	02/09/2018
Date analysed	-	03/09/2018	03/09/2018
Arsenic	mg/kg	11	6
Cadmium	mg/kg	<0.4	<0.4
Chromium	mg/kg	6	11
Copper	mg/kg	31	21
Lead	mg/kg	21	13
Mercury	mg/kg	<0.1	<0.1
Nickel	mg/kg	19	16
Zinc	mg/kg	63	50

Moisture			
Our Reference		199781-1	199781-3
Your Reference	UNITS	BH01	BH02
Depth		1.0-1.45	1.0-1.45
Type of sample		SOIL	SOIL
Date prepared	-	02/09/2018	02/09/2018
Date analysed	-	03/09/2018	03/09/2018
Moisture	%	13	12



Asbestos ID - soils			
Our Reference		199781-1	199781-3
Your Reference	UNITS	BH01	BH02
Depth		1.0-1.45	1.0-1.45
Type of sample		SOIL	SOIL
Date analysed	-	05/09/2018	05/09/2018
Sample mass tested	g	Approx. 25g	Approx. 25g
Sample Description	-	Brown clayey soil & rocks	Brown clayey soil & rocks
Asbestos ID in soil	-	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg
		Organic fibres detected	Organic fibres detected
Trace Analysis	-	No asbestos detected	No asbestos detected

Method ID	Methodology Summary
<b>ASB-001</b>	Asbestos ID - Qualitative identification of asbestos in bulk samples using Polarised Light Microscopy and Dispersion Staining Techniques including Synthetic Mineral Fibre and Organic Fibre as per Australian Standard 4964-2004.
<b>Inorg-008</b>	Moisture content determined by heating at 105+/-5 °C for a minimum of 12 hours.
<b>Metals-020</b>	Determination of various metals by ICP-AES.
<b>Metals-021</b>	Determination of Mercury by Cold Vapour AAS.
<b>Org-003</b>	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-FID. F2 = (>C10-C16)-Naphthalene as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater (HSLs Tables 1A (3, 4)). Note Naphthalene is determined from the VOC analysis.
<b>Org-003</b>	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-FID.  F2 = (>C10-C16)-Naphthalene as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater (HSLs Tables 1A (3, 4)). Note Naphthalene is determined from the VOC analysis.  Note, the Total +ve TRH PQL is reflective of the lowest individual PQL and is therefore "Total +ve TRH" is simply a sum of the positive individual TRH fractions (>C10-C40).
<b>Org-005</b>	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC with dual ECD's.
<b>Org-005</b>	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC with dual ECD's. Note, the Total +ve reported DDD+DDE+DDT PQL is reflective of the lowest individual PQL and is therefore simply a sum of the positive individually report DDD+DDE+DDT.
<b>Org-006</b>	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC-ECD.
<b>Org-006</b>	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC-ECD. Note, the Total +ve PCBs PQL is reflective of the lowest individual PQL and is therefore "Total +ve PCBs" is simply a sum of the positive individual PCBs.
<b>Org-008</b>	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC with dual ECD's.

Method ID	Methodology Summary
<b>Org-012</b>	<p>Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS. Benzo(a)pyrene TEQ as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater - 2013.</p> <p>For soil results:-</p> <ol style="list-style-type: none"> <li>1. 'EQ PQL' values are assuming all contributing PAHs reported as &lt;PQL are actually at the PQL. This is the most conservative approach and can give false positive TEQs given that PAHs that contribute to the TEQ calculation may not be present.</li> <li>2. 'EQ zero' values are assuming all contributing PAHs reported as &lt;PQL are zero. This is the least conservative approach and is more susceptible to false negative TEQs when PAHs that contribute to the TEQ calculation are present but below PQL.</li> <li>3. 'EQ half PQL' values are assuming all contributing PAHs reported as &lt;PQL are half the stipulated PQL. Hence a mid-point between the most and least conservative approaches above.</li> </ol> <p>Note, the Total +ve PAHs PQL is reflective of the lowest individual PQL and is therefore "Total +ve PAHs" is simply a sum of the positive individual PAHs.</p>
<b>Org-014</b>	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS.
<b>Org-016</b>	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS. Water samples are analysed directly by purge and trap GC-MS. F1 = (C6-C10)-BTX as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater.
<b>Org-016</b>	<p>Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS. Water samples are analysed directly by purge and trap GC-MS. F1 = (C6-C10)-BTX as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater.</p> <p>Note, the Total +ve Xylene PQL is reflective of the lowest individual PQL and is therefore "Total +ve Xylenes" is simply a sum of the positive individual Xylenes.</p>

QUALITY CONTROL: vTRH(C6-C10)/BTEXN in Soil						Duplicate		Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-6	[NT]
Date extracted	-			02/09/2018	[NT]	[NT]	[NT]	[NT]	02/09/2018	[NT]
Date analysed	-			04/09/2018	[NT]	[NT]	[NT]	[NT]	04/09/2018	[NT]
TRH C <sub>6</sub> - C <sub>9</sub>	mg/kg	25	Org-016	<25	[NT]	[NT]	[NT]	[NT]	106	[NT]
TRH C <sub>6</sub> - C <sub>10</sub>	mg/kg	25	Org-016	<25	[NT]	[NT]	[NT]	[NT]	106	[NT]
Benzene	mg/kg	0.2	Org-016	<0.2	[NT]	[NT]	[NT]	[NT]	113	[NT]
Toluene	mg/kg	0.5	Org-016	<0.5	[NT]	[NT]	[NT]	[NT]	112	[NT]
Ethylbenzene	mg/kg	1	Org-016	<1	[NT]	[NT]	[NT]	[NT]	108	[NT]
m+p-xylene	mg/kg	2	Org-016	<2	[NT]	[NT]	[NT]	[NT]	98	[NT]
o-Xylene	mg/kg	1	Org-016	<1	[NT]	[NT]	[NT]	[NT]	110	[NT]
naphthalene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Surrogate aaa-Trifluorotoluene	%		Org-016	99	[NT]	[NT]	[NT]	[NT]	107	[NT]

QUALITY CONTROL: svTRH (C10-C40) in Soil					Duplicate			Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-6	[NT]
Date extracted	-			02/09/2018	[NT]	[NT]	[NT]	[NT]	02/09/2018	[NT]
Date analysed	-			03/09/2018	[NT]	[NT]	[NT]	[NT]	03/09/2018	[NT]
TRH C <sub>10</sub> - C <sub>14</sub>	mg/kg	50	Org-003	<50	[NT]	[NT]	[NT]	[NT]	109	[NT]
TRH C <sub>15</sub> - C <sub>28</sub>	mg/kg	100	Org-003	<100	[NT]	[NT]	[NT]	[NT]	92	[NT]
TRH C <sub>29</sub> - C <sub>36</sub>	mg/kg	100	Org-003	<100	[NT]	[NT]	[NT]	[NT]	90	[NT]
TRH >C <sub>10</sub> -C <sub>16</sub>	mg/kg	50	Org-003	<50	[NT]	[NT]	[NT]	[NT]	109	[NT]
TRH >C <sub>16</sub> -C <sub>34</sub>	mg/kg	100	Org-003	<100	[NT]	[NT]	[NT]	[NT]	92	[NT]
TRH >C <sub>34</sub> -C <sub>40</sub>	mg/kg	100	Org-003	<100	[NT]	[NT]	[NT]	[NT]	90	[NT]
Surrogate o-Terphenyl	%		Org-003	93	[NT]	[NT]	[NT]	[NT]	99	[NT]



QUALITY CONTROL: PAHs in Soil					Duplicate				Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-6	[NT]
Date extracted	-			02/09/2018	[NT]	[NT]	[NT]	[NT]	02/09/2018	[NT]
Date analysed	-			03/09/2018	[NT]	[NT]	[NT]	[NT]	03/09/2018	[NT]
Naphthalene	mg/kg	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	117	[NT]
Acenaphthylene	mg/kg	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Acenaphthene	mg/kg	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Fluorene	mg/kg	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	112	[NT]
Phenanthrene	mg/kg	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	120	[NT]
Anthracene	mg/kg	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Fluoranthene	mg/kg	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	118	[NT]
Pyrene	mg/kg	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	108	[NT]
Benzo(a)anthracene	mg/kg	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Chrysene	mg/kg	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	110	[NT]
Benzo(b,j+k)fluoranthene	mg/kg	0.2	Org-012	<0.2	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Benzo(a)pyrene	mg/kg	0.05	Org-012	<0.05	[NT]	[NT]	[NT]	[NT]	121	[NT]
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Dibenzo(a,h)anthracene	mg/kg	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Benzo(g,h,i)perylene	mg/kg	0.1	Org-012	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Surrogate p-Terphenyl-d14	%		Org-012	95	[NT]	[NT]	[NT]	[NT]	106	[NT]

QUALITY CONTROL: Organochlorine Pesticides in soil					Duplicate			Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-6	[NT]
Date extracted	-			02/09/2018	[NT]	[NT]	[NT]	[NT]	02/09/2018	[NT]
Date analysed	-			04/09/2018	[NT]	[NT]	[NT]	[NT]	04/09/2018	[NT]
HCB	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
alpha-BHC	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	108	[NT]
gamma-BHC	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
beta-BHC	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	95	[NT]
Heptachlor	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	98	[NT]
delta-BHC	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Aldrin	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	91	[NT]
Heptachlor Epoxide	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	96	[NT]
gamma-Chlordane	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
alpha-chlordane	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Endosulfan I	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
pp-DDE	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	103	[NT]
Dieldrin	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	108	[NT]
Endrin	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	101	[NT]
pp-DDD	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	87	[NT]
Endosulfan II	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
pp-DDT	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Endrin Aldehyde	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Endosulfan Sulphate	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	99	[NT]
Methoxychlor	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Surrogate TCMX	%		Org-005	85	[NT]	[NT]	[NT]	[NT]	88	[NT]

QUALITY CONTROL: Organophosphorus Pesticides					Duplicate			Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-6	[NT]
Date extracted	-			02/09/2018	[NT]	[NT]	[NT]	[NT]	02/09/2018	[NT]
Date analysed	-			04/09/2018	[NT]	[NT]	[NT]	[NT]	04/09/2018	[NT]
Azinphos-methyl (Guthion)	mg/kg	0.1	Org-008	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Bromophos-ethyl	mg/kg	0.1	Org-008	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Chlorpyrifos	mg/kg	0.1	Org-008	<0.1	[NT]	[NT]	[NT]	[NT]	95	[NT]
Chlorpyrifos-methyl	mg/kg	0.1	Org-008	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Diazinon	mg/kg	0.1	Org-008	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Dichlorvos	mg/kg	0.1	Org-008	<0.1	[NT]	[NT]	[NT]	[NT]	100	[NT]
Dimethoate	mg/kg	0.1	Org-008	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Ethion	mg/kg	0.1	Org-008	<0.1	[NT]	[NT]	[NT]	[NT]	107	[NT]
Fenitrothion	mg/kg	0.1	Org-008	<0.1	[NT]	[NT]	[NT]	[NT]	110	[NT]
Malathion	mg/kg	0.1	Org-008	<0.1	[NT]	[NT]	[NT]	[NT]	92	[NT]
Parathion	mg/kg	0.1	Org-008	<0.1	[NT]	[NT]	[NT]	[NT]	71	[NT]
Ronnel	mg/kg	0.1	Org-008	<0.1	[NT]	[NT]	[NT]	[NT]	110	[NT]
Surrogate TCMX	%		Org-008	85	[NT]	[NT]	[NT]	[NT]	95	[NT]

QUALITY CONTROL: PCBs in Soil					Duplicate			Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-6	[NT]
Date extracted	-			02/09/2018	[NT]	[NT]	[NT]	[NT]	02/09/2018	[NT]
Date analysed	-			04/09/2018	[NT]	[NT]	[NT]	[NT]	04/09/2018	[NT]
Aroclor 1016	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Aroclor 1221	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Aroclor 1232	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Aroclor 1242	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Aroclor 1248	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Aroclor 1254	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NT]	[NT]	103	[NT]
Aroclor 1260	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]
Surrogate TCLMX	%		Org-006	85	[NT]	[NT]	[NT]	[NT]	95	[NT]

QUALITY CONTROL: Acid Extractable metals in soil					Duplicate			Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-6	[NT]
Date prepared	-			02/09/2018	[NT]	[NT]	[NT]	[NT]	02/09/2018	[NT]
Date analysed	-			03/09/2018	[NT]	[NT]	[NT]	[NT]	03/09/2018	[NT]
Arsenic	mg/kg	4	Metals-020	<4	[NT]	[NT]	[NT]	[NT]	105	[NT]
Cadmium	mg/kg	0.4	Metals-020	<0.4	[NT]	[NT]	[NT]	[NT]	101	[NT]
Chromium	mg/kg	1	Metals-020	<1	[NT]	[NT]	[NT]	[NT]	104	[NT]
Copper	mg/kg	1	Metals-020	<1	[NT]	[NT]	[NT]	[NT]	106	[NT]
Lead	mg/kg	1	Metals-020	<1	[NT]	[NT]	[NT]	[NT]	101	[NT]
Mercury	mg/kg	0.1	Metals-021	<0.1	[NT]	[NT]	[NT]	[NT]	104	[NT]
Nickel	mg/kg	1	Metals-020	<1	[NT]	[NT]	[NT]	[NT]	98	[NT]
Zinc	mg/kg	1	Metals-020	<1	[NT]	[NT]	[NT]	[NT]	102	[NT]



## Result Definitions

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

## Quality Control Definitions

<b>Blank</b>	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
<b>Duplicate</b>	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
<b>Matrix Spike</b>	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
<b>LCS (Laboratory Control Sample)</b>	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
<b>Surrogate Spike</b>	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	

## Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals; 60-140% for organics (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Measurement Uncertainty estimates are available for most tests upon request.

## Report Comments

Asbestos: A portion of the supplied sample was sub-sampled for asbestos analysis according to Envirolab procedures. We cannot guarantee that this sub-sample is indicative of the entire sample. Envirolab recommends supplying 40-50g of sample in its own container.

Note: Samples 199781-1 & 3 were sub-sampled from jars provided by the client.



## **Appendix F**

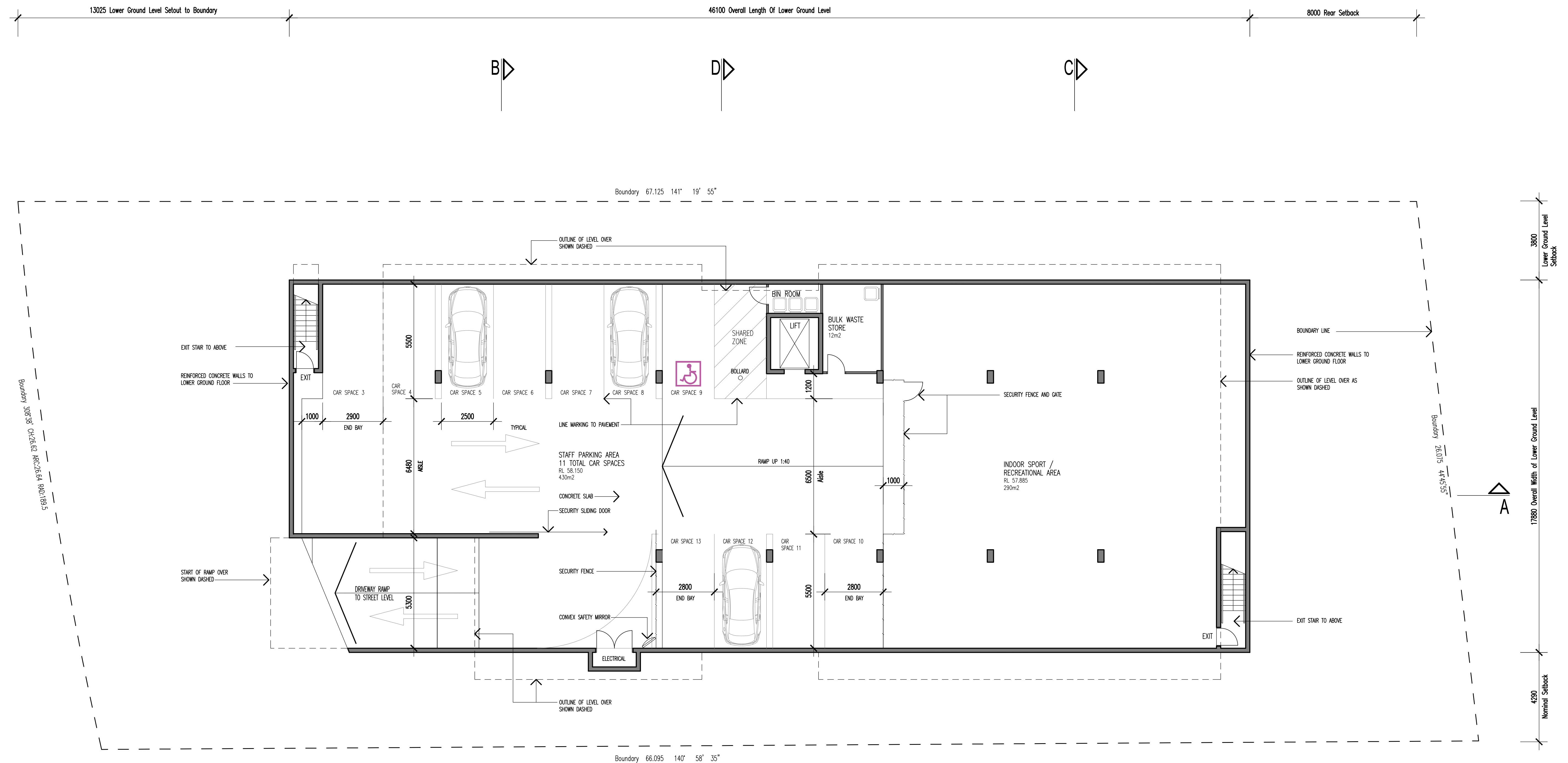


Table 10 - Soil Analytical Results

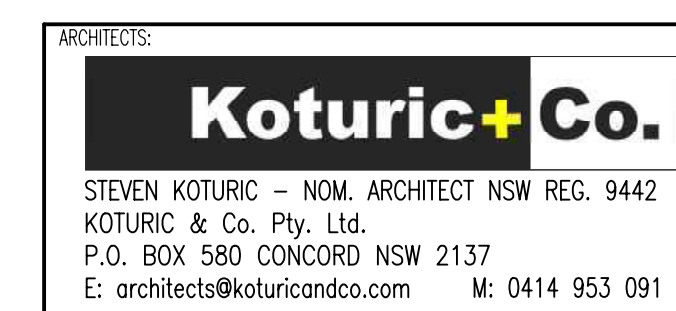
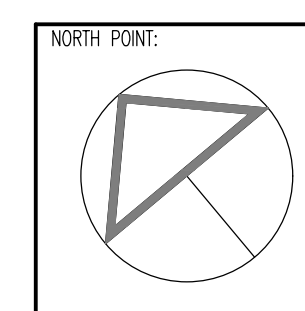
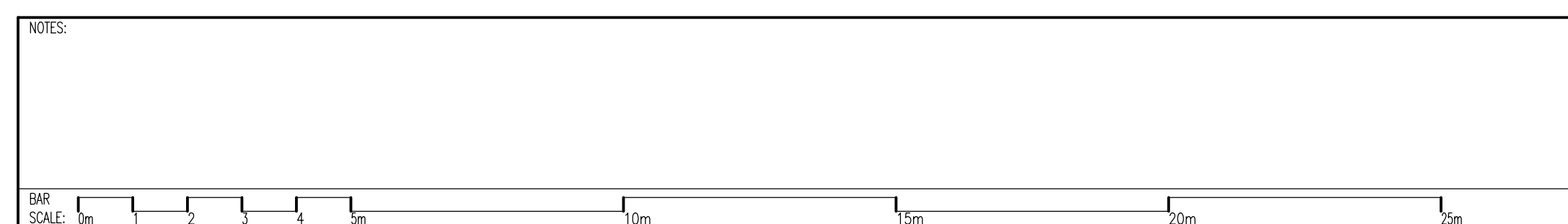
Sample Location			BH01	BH02	NEPM (2013) HIL - Residential A	NEPM (2013) HSL - A & B: Low - high density residential - clay; 0 - <1m	NEPM (2013) EIL (urban residential and public open space)	NEPM (2013) ESL (Urban Residential and public open space)	NEPM (2013) Asbestos HSL - Residential A
Depth (m)			1.0-1.45	1.0-1.45					
Date Sampled			31-Aug-18	31-Aug-18					
Laboratory report			199781	199781					
Sample Type			N	N					
Parameters	Unit	PQL							
TRH C6 - C9	mg/kg	25	<25	<25					
TRH C6 - C10	mg/kg	25	<25	<25					
FRACTION 1	mg/kg	25	<25	<25		50		180	
TRH C10 - C14	mg/kg	50	<50	<50					
TRH C15 - C28	mg/kg	100	<100	<100					
TRH C29 - C36	mg/kg	100	<100	<100					
TRH C10-C36	mg/kg	100	<100	<100					
TRH >C10-C16	mg/kg	50	<50	<50					
FRACTION 2	mg/kg	50	<50	<50		280		120	
TRH >C16-C34	mg/kg	100	<100	<100				1300	
TRH >C34-C40	mg/kg	100	<100	<100				5600	
Benzene	mg/kg	0.2	<0.2	<0.2		0.7		65	
Toluene	mg/kg	0.5	<0.5	<0.5		480		105	
Ethylbenzene	mg/kg	1	<1	<1				125	
m+p-xylene	mg/kg	2	<2	<2					
o-Xylene	mg/kg	1	<1	<1					
Xylenes	mg/kg	2	<1	<1		110		45	
Naphthalene	mg/kg	0.1	0.2	<0.1		5	170		
Acenaphthylene	mg/kg	0.1	<0.1	<0.1					
Acenaphthene	mg/kg	0.1	<0.1	<0.1					
Fluorene	mg/kg	0.1	<0.1	<0.1					
Phenanthrene	mg/kg	0.1	<0.1	<0.1					
Anthracene	mg/kg	0.1	<0.1	<0.1					
Fluoranthene	mg/kg	0.1	<0.1	<0.1					
Pyrene	mg/kg	0.1	<0.1	<0.1					
Benzo(a)anthracene	mg/kg	0.1	<0.1	<0.1					
Chrysene	mg/kg	0.1	<0.1	<0.1					
Benzo(b+k)fluoranthene	mg/kg	0.2	<0.2	<0.2					
Benzo(a)pyrene	mg/kg	0.05	<0.05	<0.05				0.7	
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1	<0.1	<0.1					
Dibenzo(a,h)anthracene	mg/kg	0.1	<0.1	<0.1					
Benzo(g,h,i)perylene	mg/kg	0.1	<0.1	<0.1					
Benzo(a)pyrene TEQ	mg/kg	0.5	<0.5	<0.5	3				
Total +ve	mg/kg	-	0.2	<0.05	300				
HCB	mg/kg	0.1	<0.1	<0.1	10				
alpha-BHC	mg/kg	0.1	<0.1	<0.1					
gamma-BHC	mg/kg	0.1	<0.1	<0.1					
beta-BHC	mg/kg	0.1	<0.1	<0.1					
Heptachlor	mg/kg	0.1	<0.1	<0.1	6				
delta-BHC	mg/kg	0.1	<0.1	<0.1					
Aldrin	mg/kg	0.1	<0.1	<0.1					
Heptachlor Epoxide	mg/kg	0.1	<0.1	<0.1					
gamma-Chlordane	mg/kg	0.1	<0.1	<0.1					
alpha-chlordane	mg/kg	0.1	<0.1	<0.1					
Endosulfan I	mg/kg	0.1	<0.1	<0.1	270				
pp-DDE	mg/kg	0.1	<0.1	<0.1					
Dieldrin	mg/kg	0.1	<0.1	<0.1					
Endrin	mg/kg	0.1	<0.1	<0.1					
pp-DDD	mg/kg	0.1	<0.1	<0.1					
Endosulfan II	mg/kg	0.1	<0.1	<0.1					
pp-DDT	mg/kg	0.1	<0.1	<0.1			180		
Endrin Aldehyde	mg/kg	0.1	<0.1	<0.1					
Endosulfan Sulphate	mg/kg	0.1	<0.1	<0.1					
Methoxychlor	mg/kg	0.1	<0.1	<0.1	300				
Azinphos-methyl (Guthion)	mg/kg	0.1	<0.1	<0.1					
Bromophos-ethyl	mg/kg	0.1	<0.1	<0.1					
Chlorpyrifos	mg/kg	0.1	<0.1	<0.1					
Chlorpyrifos-methyl	mg/kg	0.1	<0.1	<0.1					
Diazinon	mg/kg	0.1	<0.1	<0.1					
Dichlorvos	mg/kg	0.1	<0.1	<0.1					
Dimethoate	mg/kg	0.1	<0.1	<0.1					
Ethion	mg/kg	0.1	<0.1	<0.1					
Fenitrothion	mg/kg	0.1	<0.1	<0.1					
Malathion	mg/kg	0.1	<0.1	<0.1					
Parathion	mg/kg	0.1	<0.1	<0.1					
Ronnel	mg/kg	0.1	<0.1	<0.1					
Aroclor 1016	mg/kg	0.1	<0.1	<0.1					
Aroclor 1221	mg/kg	0.1	<0.1	<0.1					
Aroclor 1232	mg/kg	0.1	<0.1	<0.1					
Aroclor 1242	mg/kg	0.1	<0.1	<0.1					
Aroclor 1248	mg/kg	0.1	<0.1	<0.1					
Aroclor 1254	mg/kg	0.1	<0.1	<0.1					
Aroclor 1260	mg/kg	0.1	<0.1	<0.1					
Total PCBs	mg/kg	0.1	<0.1	<0.1					
Arsenic	mg/kg	4	11	6	100		100		
Cadmium	mg/kg	0.4	<0.4	<0.4	20				
Chromium	mg/kg	1	6	11	100		400		
Copper	mg/kg	1	31	21	6000		210		
Lead	mg/kg	1	21	13	300		1100		
Mercury	mg/kg	0.1	<0.1	<0.1	40				
Nickel	mg/kg	1	19	16	400		270		
Zinc	mg/kg	1	63	50	7400		700		
Asbestos ID	g/kg	0.1	No asbestos detected at reporting limit of 0.1g/kg: Organic fibres detected	No asbestos detected at reporting limit of 0.1g/kg: Organic fibres detected					0.01
Asbestos Trace Analysis	-	-	No asbestos detected	No asbestos detected					0.001

**Notes:**  
na- not analysed  
**Bold** - indicates exceedance of criteria value  
Health investigation levels for Residential land use with garden accessible soil (home grown products <10%minimal opportunities for soil access (Schedule B1, NEPM)  
Health screening levels for Low to high density residential land use for clay 0m - <1m (Schedule B1, NEPM)  
Ecological Investigation Level for urban residential and public open space (CSIRO EIL)  
Ecological Screening Level for urban residential and public open space (Schedule B1, NEPM)  
Health screening levels for asbestos contamination in soil - Residential B: minimal opportunities for soil access; includes dwellings with fully and permanently paved yard space such as high rise buildings and apartments (Schedule B1, NEPM)  
Maximum values of specific contaminant concentration (SCC) for classification without  
Maximum values of specific contaminant concentration (SCC) for classification without

## **Appendix G**

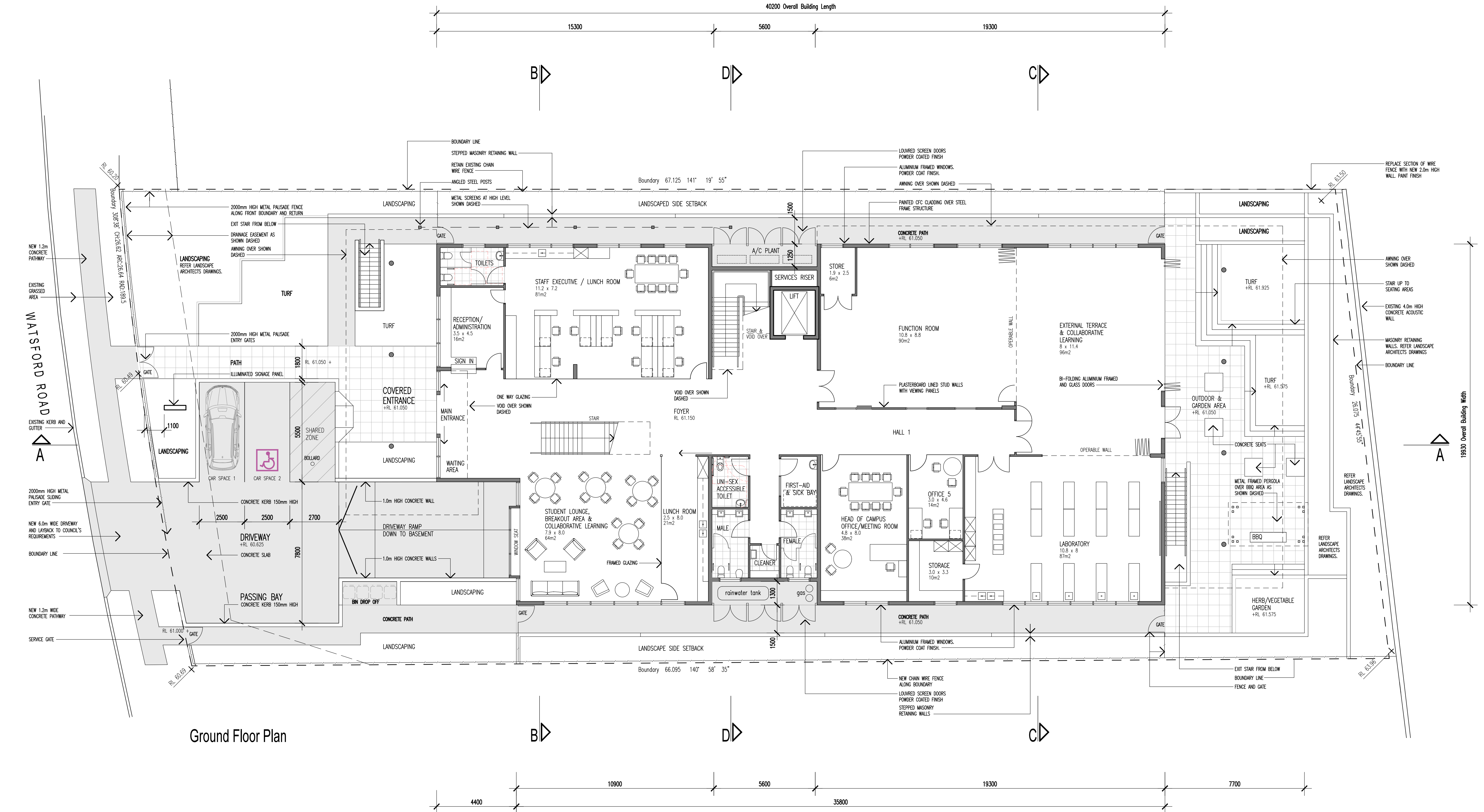


### Lower Ground Floor Plan

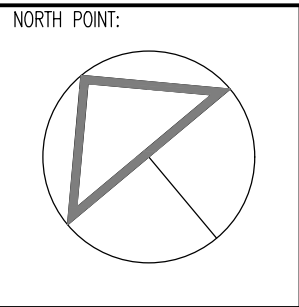
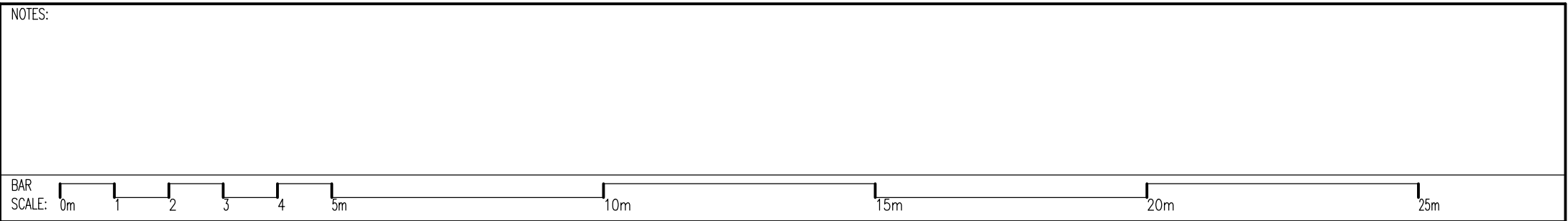
[illegible]

PROJECT: <b>NEW LEARNING CENTRE</b> <b>6A WATSFORD ROAD, CAMPBELLTOWN</b>	
SCALE: 1:100 @ A1	DATE: APRIL 2019
DRAWN: DFP	JOB NO. 1901

DRAWING:		
LOWER GROUND FLOOR PLAN		
No. IN SET	DRAWING NO.  A-02	AMENDMENT:  A



AMENDMENTS	
No.	REVISION DESCRIPTION
A	OCT. 19 D.A. ISSUE TO COUNCIL



CLIENT:

**WARAKIRRI COLLEGE**  
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CAMPBELLTOWN

ARCHITECTS:

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PROJECT:

**NEW LEARNING CENTRE**  
6A WATSFORD ROAD, CAMPBELLTOWN

SCALE: 1:100 @ A1 DATE: APRIL 2019  
DRAWING: DFP JOB NO. 1901

DRAWING:

**GROUND FLOOR PLAN**

No. IN SET DRAWING NO. AMENDMENT:  
A-03 A